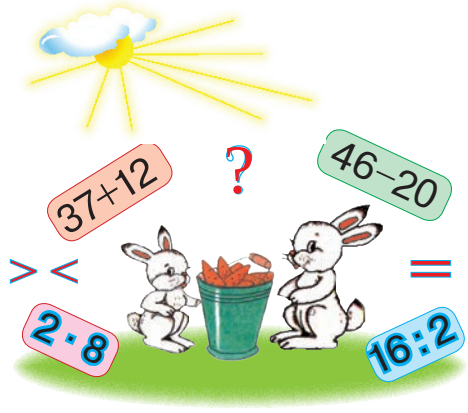
N. ABDURAHMONOVA, L. URINBOYEVA

MATEMATIKA

Uluwma worta bilim beriw mekteplerinin'
2-klasi' ushi'n sabaqli'q

Wo'zbekshe u'shinshi basi'li'mi'na sa'ykes basi'li'm

O'zbekistan Respublikasi'
Xali'q bilimlendiriw ministrligi tasti'yi'qlag'an



TASHKENT
«Yangiyo'l Poligraf Servis»
2016

UO‘K 51=512.121(075)
KBK 22.1
A15 Abdurahmonova Nabiya

Matematika: uluwma worta bilim beriw mekteplerinin’ 2-klasi’ ushi’n sabaqli’q / N. Abdurahmonova, L. Urinboyeva, – wo’zbekshe u’shinshi basi’li’mi’na sa’ykes basi’li’m juwapli’ redaktor M. Jumayev. - Tashkent: «O‘zbekiston», 2016. — 216 b.

UO‘K 51=512.121(075)
ISBN 978-9943-979-73-4 **KBK 22.1ya71**

Juwapli’ redaktor:
Mamanazar Jumayev — Nizomiy ati’ndag’i’ TMPU professori’, pedagogika ilimleri kandidati’.

Pikir bildiriwshiler:
Shukur Qayumov — Beruniy ati’ndag’i’ TMTU docenti, fizika-matematika ilimleri kandidati’;
Nazira Ahmedova — RBO baslang’i’sh bilimlendiriw bo’limi basli’g’i’;
Ziyoda Payziboyeva — Tashkent qalasi’ 41-mekteptin’ basla-wi’sh klass mug’allimi.

Sha’rtli belgiler:

— multimediyali’ qosi’msha

— awi’zeki wori’nlaw ushi’n shi’ni’g’i’wlar

1, 2, 3 ... — Jazba wori’nlaw ushi’n shi’ni’g’i’wlar

— u’lken, kishi, ten’ belgilerin qoyi’w

— bos kete kshelerge kerekli cifr yamasa belgilerdi qoyi’w

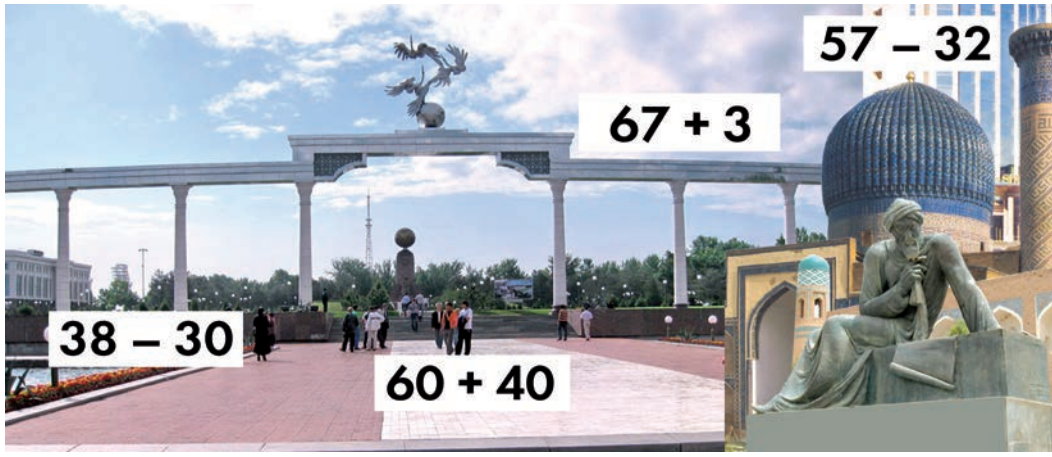
— woylap tap!

— u’y tapsi’rmasi’ ushi’n shi’ni’g’i’wlar

— sabaqti’n’ tamam-lani’wi’

Respublika maqsetli kitap qori’ qarji’lari’ yesabı’nan bası’p shı’g’arı’ldı’.

© «Yangiyo‘l poligraf servis», 2016.
© N. Abdurahmonova, L. Urinboyeva, 2016.
ISBN 978-9943-979-73-4 *Qaraqalpaqsha awdarma* © «Bilim» baspasi’,2016.



1-KLASTA WO’TILGEN MATERIALLARDI’ TA’KIRARLAW HA’M ULUWMALASTI’RI’W

1. 1) 10, 12, 14, 16, 18, 20 sanlari’nan aldi’n keletug’i’n qon’si’las sanlardi’ ayti’n’;
2) 11, 13, 15, 17, 19 sanlari’nan keyin keletug’i’n qon’si’las sanlardi’ ayti’n’.

2. Su’wret boyi’nsha ma’sele du’zin’ ha’m woni’ sheshin’:

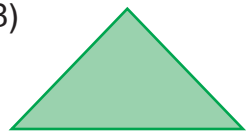
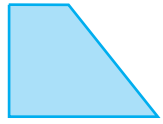
6

?, 4 ke arti’q

3. Yekinshi klasta 32 woqi’wshi’ bar. Wolardi’n’ 12 si qi’z bala, qalg’anlari’ bolsa ul bala. Klasta neshe ul bala bar?

4. 20 + 20 80 − 40 50 + 10 60 + 40
40 − 10 30 + 20 70 − 20 90 − 50

5. Barli'q figuralar bir so'z benen qanday ataladi'?

1) 2) 3)  4) 

6. Du'kang'a azanda 29 *l* su't ali'p kelindi. Tu's-ke shekem 20 *l* su't sati'ldi'. Du'kanda neshe litr su't qaldi'?

7. 37 − 7 40 + 9 58 − 50 94 − 90
20 + 8 16 − 6 30 + 10 62 − 40

1. Mi'saldi'n' sheshiliwin tu'sindirin':

$67+3=\square\square$

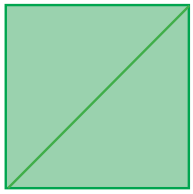
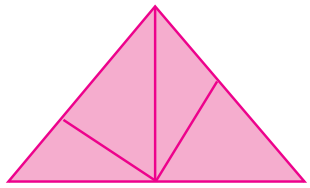
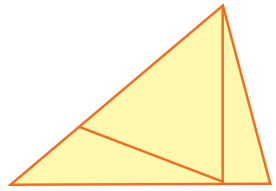
60 $7+3$ $60+(7+3)=60+10=70$

2. Haywanat bag'i'na birinshi klastan 27 woqi'w-shi', yekinshi klastan bolsa wonnan 3 ke arti'q woqi'wshi' bardi'. Haywanat bag'i'na yekinshi klastan neshe woqi'wshi' barg'an?

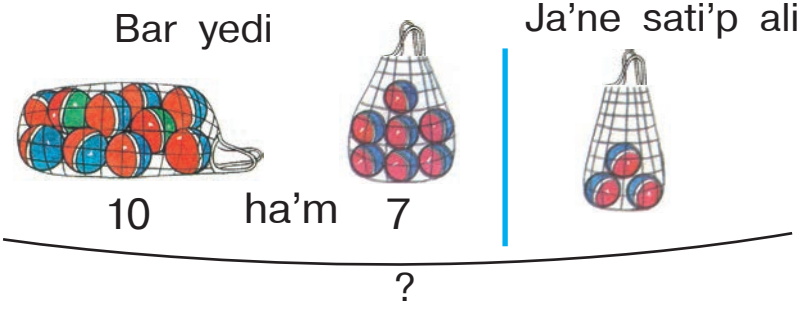
3. U'lgi boyi'nsha wori'nlan': $65=60+5$.

$57=50+\square$ $32=30+\square$ $78=70+\square$
$45=40+\square$ $96=90+\square$ $29=20+\square$

4. Ha'rbir figurada neshe u'shmu'yeshlikten bar?

5. Su'wret boyi'nsha ma'sele du'zin' ha'm sheshin':



6. Sanlardi'n' qosi'ndi'si'n tabi'n':

26 ha'm 4; 38 ha'm 2; 57 ha'm 3; 69 ha'm 1.

7.

$47+3$	$68-60$	$36+4$	$87+3$
$54+4$	$26-20$	$77-7$	$58+2$

1. Mi'saldi'n' sheshiliwin tu'sindirin':

$38-30=\square$

30 8

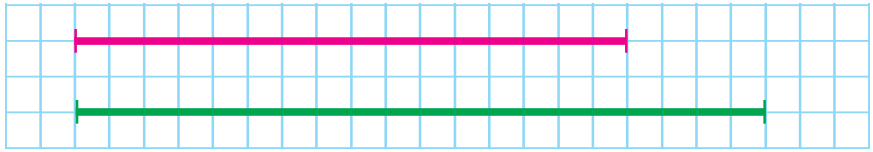
$(30-30)+8=0+8=8$

2.

$46-20$	$59-50$	$48+2$	$37+3$
$27-20$	$63-60$	$64+6$	$26+4$

3. Ag'ash ustasi' 38 taxtani' joni'wi' kerek yedi. Wol bir ku'nde 30 taxtani' jong'anli'g'i' ani'q-landi'. Ag'ash ustasi' ja'ne neshe taxtani' joni'wi' kerek?

4. Birinshi kesindi yekinshi kesindiden neshe santimetrge qi'sqa? Yekinshi kesindi birinshi kesindiden neshe santimetrge uzi'n?



5. Su'wret boyi'nsha ma'sele du'zin' ha'm sheshin':

Bar yedi	Sati'ldi'	Qaldi'
18 kg anjir	10 kg anjir	? kg

6. U'sh sanni'n' qosi'ndi'si' 96. Birinshi san 42, yekinshi san 24. U'shinshi sandi' tabi'n'.

7.

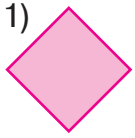
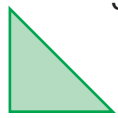
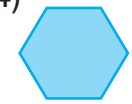
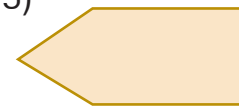
70 − 30	19 + 10	58 + 2	47 + 3
50 + 40	29 − 20	36 + 4	24 + 6

1. Mi'sallardi'n' sheshiliwin tu'sindirin':

57 + 32 = □□	57 − 32 = □□
7 + 2 = 9	7 − 2 = 5
50 + 30 = 80	50 − 30 = 20
80 + 9 = 89	20 + 5 = 25

2. Qosi'qlar tan'lawi'na 37 qi'z ha'm 22 ul bala qatnasti'. Ha'mmesi boli'p neshe bala qatnasqan?

3. Su'wrette ko'rsetilgen ha'rbir figurani'n' ati'n ayti'n'. Ha'rbir figurani'n' neshe ta'repi bar?

1)  2)  3) 4)  5) 

4. «Neksiya» mashinasi'ni'n' baginde 47 *l* benzin bar yedi. Saparg'a shi'qqan waqti'nda 32 *l* benzin sarplandi'. Mashinada neshe litr benzin qaldi'?

5. Kesteden sheshimi birdey mi'sallardi' tabi'n':

47 − 22	20 + 20	44 + 15	60 + 40
83 + 17	38 − 30	68 − 43	58 − 50
90 − 50	67 + 3	37 + 22	38 + 32

6. 70 penen 30 di'n', 60 penen 20 ni'n' qosi'ndi'si'n ha'm usi' sanlardi'n' ayi'rmasi'n tabi'n'.

7.

37 + 12	67 + 22	57 − 32	25 + 14
37 − 12	67 − 22	57 + 32	25 − 14

1. Qaysi' usi'l qolayli'?

$96-44=\square\square$

$6-4=2$
$90-40=50$
$50+2=52$
$96-44=52$

$96-44=\square\square$

$96-40=56$
$56-4=52$
$96-44=52$

2. Anar sali'ng'an yashik 12 kg, ju'zim sali'ng'ani' bolsa wonnan 2 kg jen'il. Ju'zim sali'ng'an yashik neshe kilogramm?

12 kg ?, 2 kg jen'il

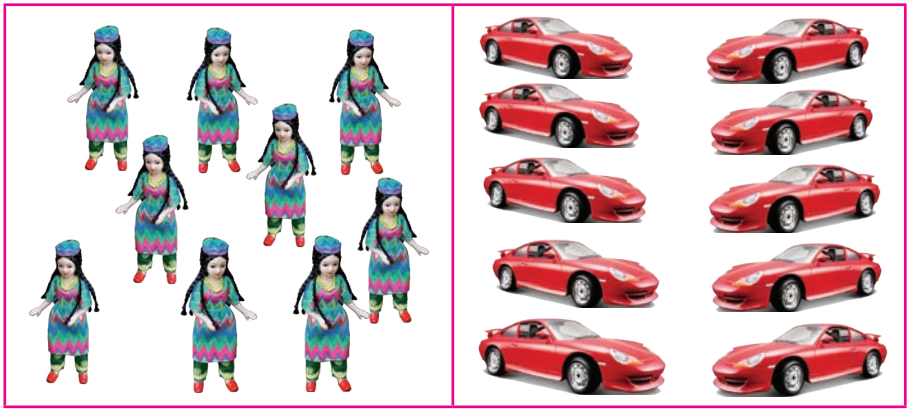
3.

87 – 34	90 – 50	98 – 64	58 – 32
38 – 12	70 – 30	29 – 13	46 – 24

4. Berilgen ha'rbir sanlardan aldi'n ha'm keyin kelgen sanlardi' jazi'n':

	29	
	60	
	99	

5. Woyi'nshi'qlardi'n' neshewi arti'q yamasa neshewi kem yekenligin tabi'n'.



6. Bir woramda 18 m atlas bar yedi. Wonnan 8 m atlas qi'rqi'p ali'ndi'. Woramda neshe metr atlas qaldi'?

7. $78-70$ $89+1$ $(54-34)+20$
$39-30$ $28+2$ $(60+23)-80$

QOSI'WDI' TEKSERIW

1.

$6+4=10$
$10-6=4$
$10-4=6$

Qosi'wdi' tekseriw ushi'n qosi'ndi'dan qosi'li'wshi'-lardi'n' birin ali'w kerek. Yeger ayi'rmada yekinshi qosi'li'wshi' payda bolsa, sheshim duri's boladi'.
48+2=50 *Tekseriw:* **50−2=48**

2. Mi'sallardi' sheshin' ha'm na'tiyjenin' duri'sli'g'i'n tekserin':

$34+12$	$41+27$	$62+3$	$56+22$
$26+13$	$27+11$	$57+3$	$44+32$

3. Mi'sallardi' sheshin':
1) I'ssi'xanada 60 aq ha'm 40 qi'zi'l roza gu'l ashi'lg'an yedi. I'ssi'xanada barli'g'i' boli'p neshe roza gu'l ashi'lg'an?
2) I'ssi'xanada 100 roza gu'l ashi'lg'an yedi. Qari'ydar 60 roza gu'ldi ali'p ketti. Neshe roza gu'l qaldi'?

4.

Qosi'li'wshi'	60	32	24	50	26	14	57
Qosi'li'wshi'	40	8	13	5	32	6	32
Qosi'ndi'							

5. Su'wret boyi'nsha ma'sele du'zip sheshin':

10 kg 8 kg 40 kg ? kg

? kg 70 kg

6. 60 penen 40, 50 menen 30, 40 penen 20 ni'n' qosi'ndi'si'n ha'm sanlardi'n' ayi'rmasi'n tabi'n'.

7.

47 + 3	60 + 30	36 + 4	54 + 6
58 − 8	39 − 30	27 − 7	63 − 3

ALI'WDI' TEKSERIW

1.

16 − 4 = 12 12 + 4 = 16

Ali'wdi' tekseriw ushi'n ayi'rmag'a ali'ni'wshi'ni' qosi'w kerek. Yeger qosi'ndi'da azayi'wshi' payda bolsa, sheshim duri's boladi'.

67 − 6 = 61 Tekseriw: 61 + 6 = 67

2. Mi'sallardi' sheshin' ha'm wolardi' tekserin':

58 − 25	35 − 4	88 − 7	75 − 3

3. Ma'selelerdi sheshin':

1) Bir woramda 90 m gezleme bar yedi. Ko'ylek tigiw ushi'n 50 m gezleme qi'rqi'p ali'ndi'. Woramda neshe metr gezleme qaldi'?

2) Bir woram gezlemeden 50 m qi'rqi'p ali'n-g'annan son' 40 m gezleme qaldi'. Da'slep woramda neshe metr gezleme bolg'an?

4.

Azayi'wshi'	90	80	38	57	96	70	49
Ali'ni'wshi'	50	30	30	32	44	10	24
Ayi'rma							

5. Su'wret boyi'nsha to'mendegi an'latpalar menen sheshiletug'i'n ma'sele du'zin':

6 kg

4 kg

□ + □

□□ – □

6. Bir bag'anag'a qosi'w a'meli menen, yekinshi bag'anag'a ali'w a'meli menen berilgen an'latpalardi' jazi'n' ha'm ma'nislerin tabi'n':
50 + 30, 90 – 40, 57 + 3, 28 – 20, 57 + 12, 76 – 34.

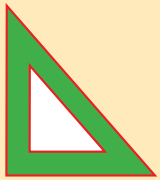
7.

66 – 44	96 – 36	58 + 22	74 + 23
55 + 20	87 – 47	57 – 32	74 – 23

TUWRI' MU'YESH

1. Tuwri' mu'yeshler.

Tuwri' mu'yeshten u'lken ha'm kishi mu'yeshler.



Bir mu'yeshi tuwri' mu'yesh, qalg'an yeki mu'yeshi tuwri' mu'yesh bolmag'an u'shmu'yeshlik formasi'ndag'i' si'zg'i'sh **go'niya** delinedi.

Go'niya ja'rdeminde ko'pmu'yeshliklerdegi tuwri' mu'yeshti ani'qlan':

1)
2)
3)
4)

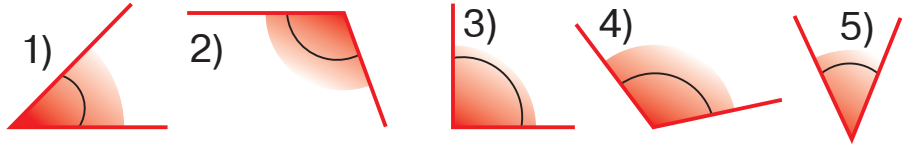
2. Qi'sqa jazi'w boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

Bar yedi — 38 kg qi'yar
Duzlandi' — 30 kg qi'yar
Qaldi' — ? kg qi'yar

3. Mi'sallardi' sheshin'.

90 − 70	76 + 24	49 + 1	39 − 30
46 − 40	45 + 20	38 + 2	51 + 19

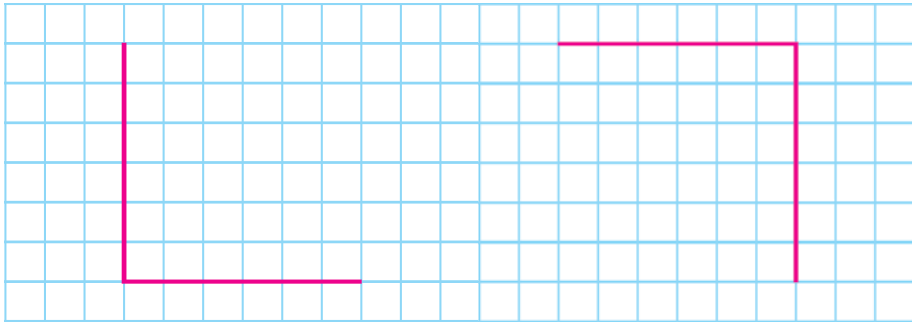
4. Go'niya ja'rdeminde mu'yeshlerdin' tu'rlerin ani'qlan':



1) tuwri' mu'yeshten kishi mu'yeshlerdin' ta'rtip nomerin jazi'n';

2) tuwri' mu'yeshten u'lken mu'yeshlerdin' ta'rtip nomerin jazi'n'.

5. Da'pterge to'mendegidey tuwri' mu'yeshler si'zi'n':



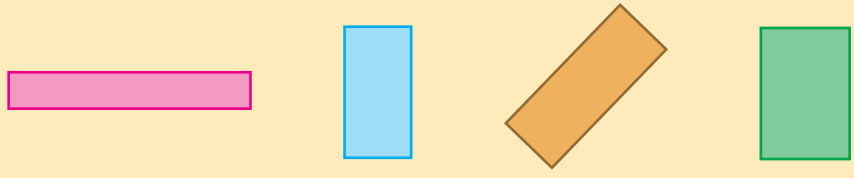
6. Asxanag'a 18 shaynek, 20 kese ali'p kelindi. Asxanag'a barli'g'i' boli'p neshe i'di's ali'p kelingen?

7.

40 + 25	52 − 30	57 + 32	80 − 50
68 − 60	30 + 12	96 − 44	50 + 30

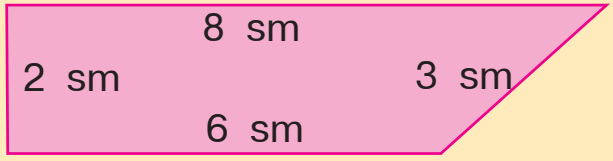
KO'PMU'YESHLIKTIN' PERIMETRI

1. Bul to'rtmu'yeshliklerdin' barli'q mu'yeshleri tuwri' mu'yesh:



Ko'pmu'yeshliktin' barli'q ta'replerinin' uzi'nli'qlari'ni'n' qosi'ndi'si' woni'n' perimetri boladi'.

To'rtmu'yeshliktin' perimetrin tabi'n'.



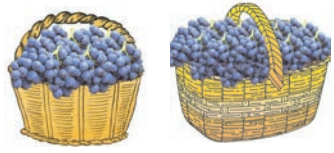
$8+3+6+2=19$ (sm)

2.

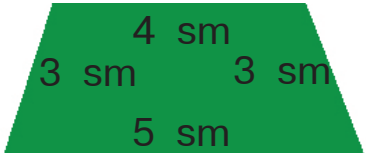
$46+20$	$74-30$	$67+10$	$59-50$
$50+35$	$60+20$	$57-32$	$36-24$

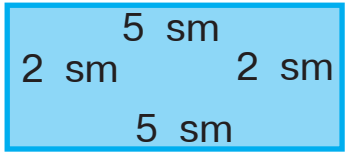
3. Qi'sqa jazi'w boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

1-sebette — 8 kg
2-sebette — 10 kg
} ? kg



4. Ha'rbir figurani'n' perimetrin tabi'n':





5.

$90-50 \square 40$	$60+40 \square 50$	$57+3 \square 70$
$38+20 \square 70$	$48+2 \square 30$	$53+7 \square 60$

6. Bir topta 48 m, yekinshi topta wonnan 8 m kem shayi' bar. Yeki topta neshe metr shayi' bar?

7. $43+30$ $\quad$ $64-20$ $\quad$ $57+3$ $\quad$ $28-8$
$43-30$ $\quad$ $64+20$ $\quad$ $57-7$ $\quad$ $20+8$

WO'TILGENLERDI BEKKEMLEW

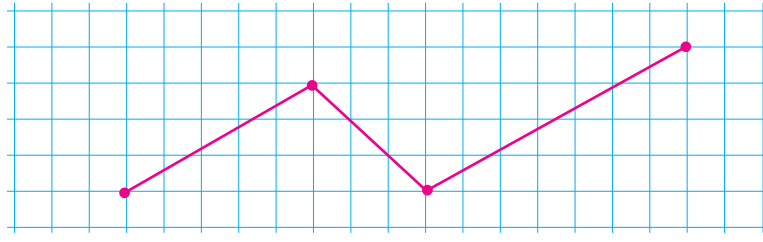
1. Su'wret boyi'nsha ma'sele du'zin' ha'm sheshin':

Bar yedi	Paydalani'ldi'	Qaldi'
	azanda – 12 kg tu'ste – 14 kg	? kg

2. U'lgi boyi'nsha wori'nlan': $53=50+3$.

$76=70+\square$ $\quad$ $44=40+\square$ $\quad$ $39=30+\square$
$96=90+\square$ $\quad$ $28=20+\square$ $\quad$ $67=60+\square$

3. 1) Da'pterge to'mendegi si'ni'q si'zi'qti' si'zi'n':



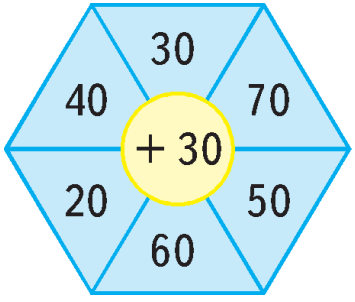
2) si'ni'q si'zi'qta neshe buwi'n bar yekenligin ani'qlan';

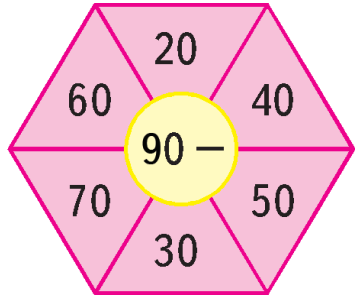
3) barli'q buwi'n uzi'nli'qlari'ni'n' qosi'ndi'si'n tabi'n'.

4. 4, 5, 9 cifrlari' ja'rdeminde 9 yeki tan'bali' sandi' jazi'w mu'mkin: 44, 45, 49, 54, 55, 59, 94, 95, 99.

3, 7, 8 cifrlari' ja'rdeminde payda yetiw mu'mkin bolg'an barli'q yeki tan'bali' sanlardi' jazi'n'.

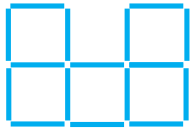
5. Yesaplan':

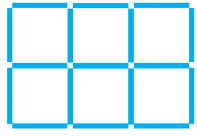




6. 50 sm + 40 sm 70 dm − 20 dm
20 dm − 10 dm 50 sum + 50 sum

7. Birinshi figurada 3 sho'ptin' worni'n sonday yetip wo'zgertin', na'tiyjede 4 kvadrat payda bolsi'n. Yekinshi figuradan 3 sho'pti ali'n', na'tiyjede 4 kvadrat qalsi'n.



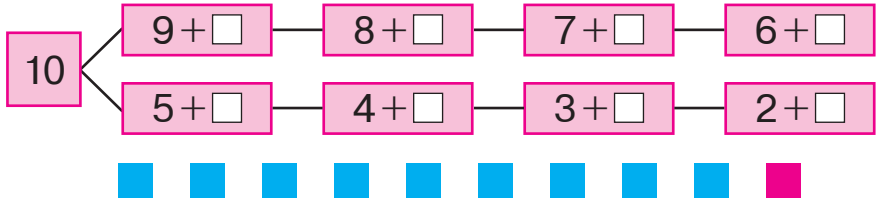


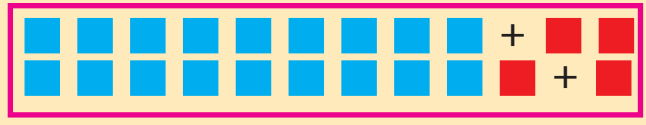
8. Traktordi'n' baginde jumi's baslang'anda 48 litr jani'lg'i' bar yedi, jumi's aqi'ri'na kelip 8 litr jani'lg'i' qaldi'. Neshe litr jani'lg'i' sarplang'an?

9. (40 + 10) + 6 (16 + 14) + 7 83 + 17
(30 − 20) + 9 (70 − 30) + 5 25 + 25

18 ISHINDE BIR TAN'BALI' SANLARDI' WONLI'Q ARQALI' WO'TIP QOSI'W

1. 10 sani'n payda yetiw ushi'n ketekshelerden qaysi' sanlardi' qoyi'w kerek?





□+2

9+2=□□

9 g'a 2 ni qosi'w ushi'n 2 sani' bo'leklep qosi'ladi'. Bul to'mendegishe wori'nlanadi':

a) Aldi'n 10 sani'n payda yetiw ushi'n qansha kerek bolsa, sonsha qosi'ladi': 9+1=10

b) 2 — bul 1+1 yekenligi belgili. 9 g'a 1 qosi'ldi', 10 payda boldi'. 10 g'a ja'ne 1 di qosi'w kerek. Demek, 10+1=11 boladi'.

9 + 2 = 11
1 1

9 + 2 = □□
1 1

9+1+1=11

2. Kamalda 9 g'oza bar yedi. A'jag'asi' wog'an ja'ne 2 g'oza berdi. Kamalda neshe g'oza bar?

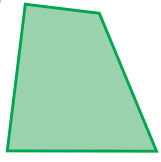
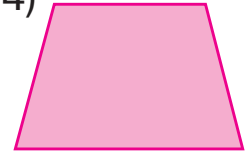
3. Mi'sallardi' sheshin':

34 + 20	40 − 20	54 + 30
28 + 12	60 − 40	60 − 20
42 + 25	30 − 10	46 + 14

4. Qi'sqa jazi'w boyi'nsha ma'sele du'zip sheshin':

1) Yertek kitaplar — 9
   Qosi'q kitaplar — 2
) ?
2) Yertek kitaplar — 9
   Qosi'q kitaplar — ?, 2 ge arti'q
) ?

5. Si'zg'i'sh ja'rdeminde ko'pmu'yeshliklerdin' ta'replerin wo'lshen':

1)
2) 
3)
4) 

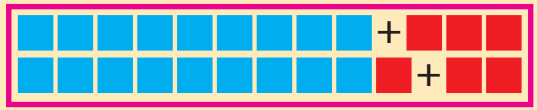
6. Wo'nerment 9 besik, wonnan 2 ge arti'q a'tko'nshek jasadi'. Wo'nerment neshe a'tko'nshek jasag'an?

7. Anvar si'zg'an kesindinin' uzi'nli'g'i' 7 sm ge ten', a'jag'asi' si'zg'an kesindi bolsa wonnan 2 sm uzi'n. A'jag'asi' si'zg'an kesindinin' uzi'nli'g'i' neshe santimetr?

8.

(40 − 20) + 8	(56 − 6) + 3	20 + (8 − 3)
(54 − 4) + 7	(39 − 9) + 2	50 + (9 − 4)
(30 + 20) − 9	(23 + 7) − 6	60 − (7 + 3)

1.

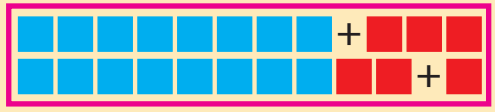


□ + 3

9 + 3 = □□

1 2

9 + 1 + 2 = 12



8 + 3 = □□

2 1

8 + 2 + 1 = 11

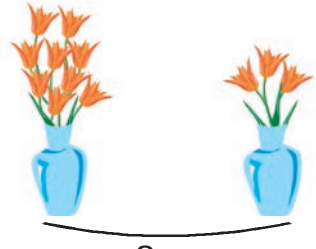
Yadi'n'i'zda tuti'n':

9 + 2 = 11 9 + 3 = 12 8 + 3 = 11

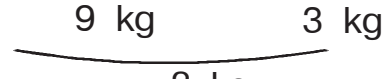
2. Bir tarelkada 9, yekinshi tarelkada 3 mazali' gu'lshe bar. Yeki tarelkada neshe mazali' gu'lshe bar?

3. 8 + 2 8 + 3 9 + 2 9 + 3

4. Su'wret boyi'nsha ma'sele du'zin' ha'm woni' sheshin':



?



9 kg 3 kg

? kg

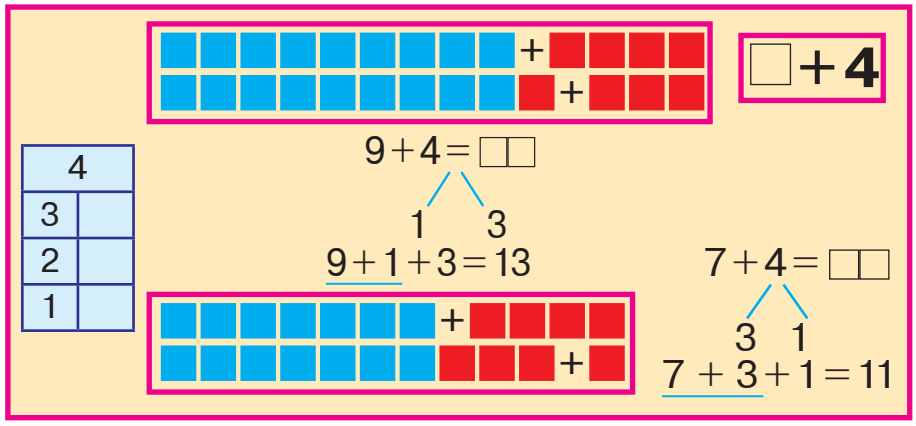
5. 8 + 3 □ 11 9 + 2 □ 12 9 + 3 □ 11

6. Aydanani'n' anasi' 8 shaqmaq, 3 si'zi'qli' da'pter ali'p keldi. Aydanani'n' anasi' uluwma neshe da'pter ali'p kelgen?

7.

3 + 9	28 − 8	48 + 2	87 + 3
3 + 8	54 + 6	65 − 5	68 + 2

1.



Yadi'n'i'zda tuti'n':

9+4=13 8+4=12 7+4=11

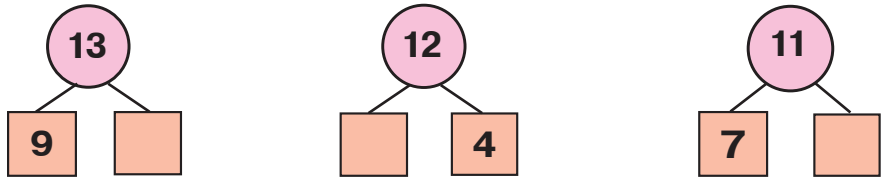
2. Boyawshi' birinshi ku'ni 7 qapi'ni', yekinshi ku'ni wonnan 4 ke arti'q qapi'ni' boyadi'. Boyawshi' barli'g'i' boli'p neshe qapi'ni' boyag'an?

3. Qi'sqa jazi'w boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

Bar yedi — 8
Qosi'ldi' — 4
?

4. 8+4□12 7+4□12 9+4□11

5.

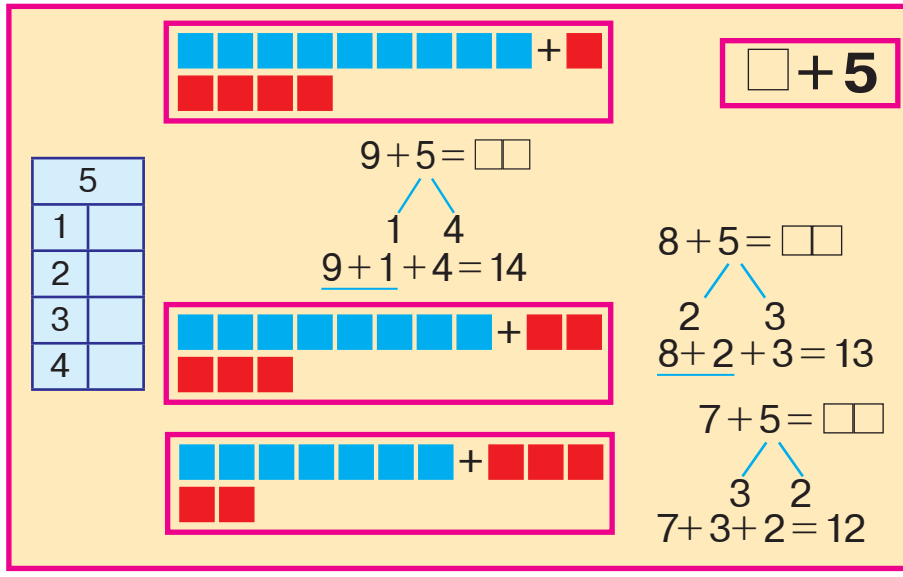


6. Nasiba 9 jasta, a'jag'asi' bolsa wonnan 4 jas u'lken. A'jag'asi' neshe jasta?

7.

3 + 7	29 − 7	33 − 30	56 + 4
2 + 9	31 + 9	72 − 70	24 + 6

1.



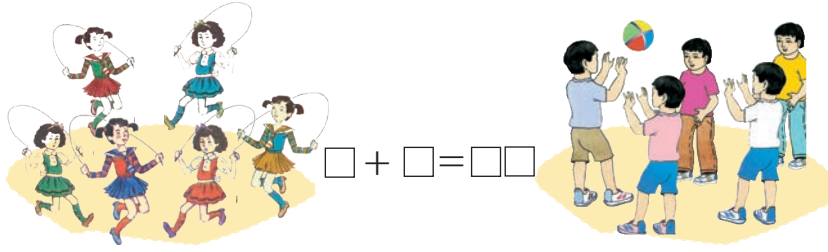
Yadi'n'i'zda tuti'n':

9+5=14 | 8+5=13 | 7+5=12 | 6+5=11

2.

6 + 4	9 + 4	8 + 4	7 + 4
8 + 3	7 + 3	9 + 3	9 + 2

3. Su'wret boyi'nsha ma'sele du'zip sheshin':



4. U'lgi boyi'nsha wori'nlan': 11 = 9 + 2.

11 = 6 + □	13 = 9 + □	11 = 7 + □
11 = 8 + □	12 = 8 + □	14 = 9 + □
12 = 7 + □	13 = 8 + □	12 = 9 + □

5. Si'ni'q si'zi'qti' si'zg'i'sh ja'rdeminde wo'lshen':

6. Abdulla 9 aq, 5 ko'k qoyan bag'i'p ati'r. Abdulla barli'g'i' boli'p neshe qoyan bag'i'p ati'r?

7.

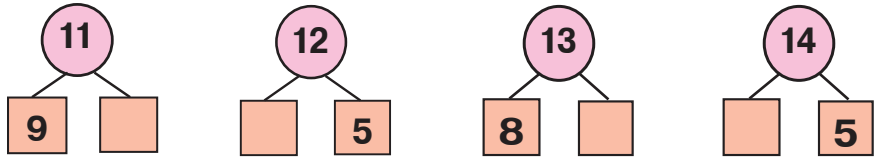
50 − 46	40 + 7	60 + 40	32 + 8 − 10
38 − 30	64 + 6	90 − 50	16 − 6 + 10

1. Keste boyi'nsha berilgen mi'sallardi' sheshin':

9 + 2	8 + 2	7 + 3	9 + 4
8 + 4	9 + 5	8 + 3	6 + 5
8 + 5	9 + 3	7 + 4	7 + 5

2. Shertekte 8 kepter bar yedi. Ja'ne 5 kepter wolarg'a kelip qosi'ldi'. Barli'q kepterler neshew boldi'?

3.



4. Sonday san qoyi'n', na'tiyjede ten'lik duri's bolsi'n:

9 + □ = 11	8 + □ = 12	8 + □ = 13
8 + □ = 11	9 + □ = 12	9 + □ = 13

5. Qi'sqa jazi'w boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

Muratta — 7 sho'je
Polatta — 5 sho'je
) ? sho'je

6. Sanlardi'n' qosi'ndi'si'n tabi'n':

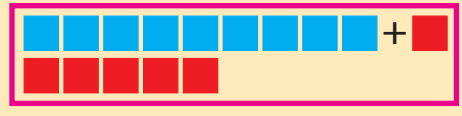
8 ha'm 5; 8 ha'm 4; 7 ha'm 5; 6 ha'm 5; 8 ha'm 3; 9 ha'm 2.

7.

62 + 34	46 + 4	30 + 40	53 + 7
47 − 22	59 − 9	70 − 20	27 + 3

1.

6	
5	
	4
3	
	2



□ + 6

9 + 6 = □□

1 5

9 + 1 + 5 = 15

Yadi'n'i'zda tuti'n':

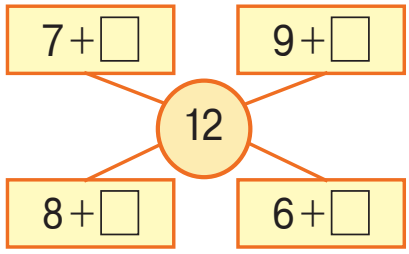
9 + 6 = 15 | 8 + 6 = 14 | 7 + 6 = 13 | 6 + 6 = 12

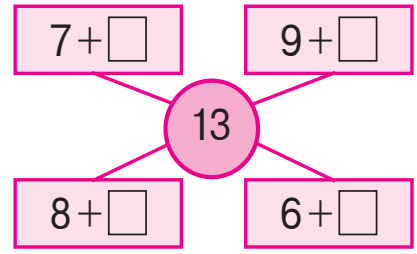
2.

8 + 4	9 + 5	7 + 5	6 + 4
8 + 5	9 + 2	7 + 4	6 + 5

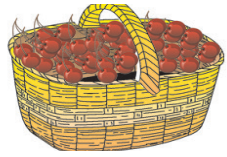
3. Sport do'geregine 9 futbol ha'm 6 basketbol tobi' sati'p ali'ndi'. Sport do'geregi ushi'n bar-li'g'i' boli'p neshe top sati'p ali'ng'an?

4. Mi'sallardi'n' sheshiliwin tu'sindirin':



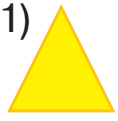
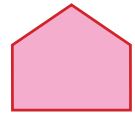


5. Keste boyi'nsha ma'sele du'zin' ha'm sheshin':

Bar yedi	Paydalani'ldi'	Qaldi'
 20 kg shiye	vareniege — 9 kg sherbetke — 6 kg	? kg

Sheshiliwi: 1) 9 + 6 = □□ kg isletilgen shiye;
2) 20 − 15 = □ kg qalg'an shiye.
Juwabi': □ kilogramm shiye qalg'an.

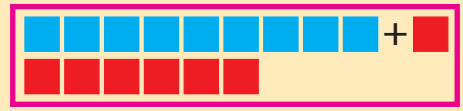
6. Figuralardi' da'pterin'izge si'zi'n' ha'm wolardi'n' atlari'n jazi'n':

1) 
2) 
3)
4)

7. (60 − 50) + 5 (8 + 6) − 4 (9 + 5) − 14
(40 + 20) − 10 (9 + 3) + 3 (7 + 6) − 13

1.

7	
6	
	5
4	
	3



□+7

9+7=□□

1 6

9+1+6=16

Yadi'n'i'zda tuti'n':

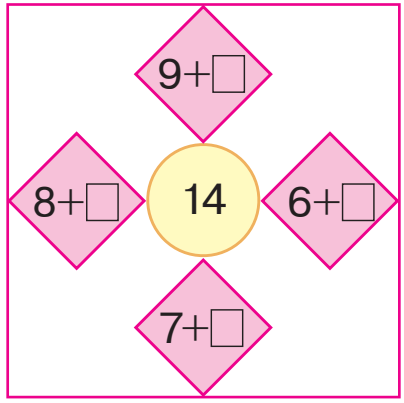
9+7=16 8+7=15 7+7=14

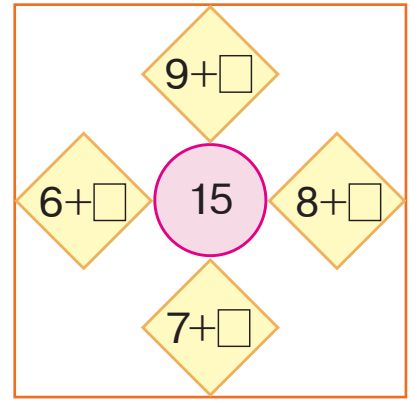
2. U'lgi boyi'nsha wori'nlan': 13=7+6.

14=9+□	15=9+□	16=9+□
15=8+□	14=8+□	12=8+□

3. Klass kitapxanasi' ushi'n 9 gu'rrin', 7 yertek kitap sati'p ali'ndi'. Klass kitapxanasi' ushi'n barli'g'i' boli'p neshe kitap sati'p ali'ng'an?

4. Mi'sallardi'n' sheshiliwin tu'sindirin':





5. Su'wret boyi'nsha to'mendegishe sheshiletug'i'n ma'seleler du'zin':

10 *l* + 5 *l*, 10 *l* + 2 *l*, 5 *l* + 2 *l*, 10 *l* − 5 *l*, 10 *l* − 2 *l*.

10 *l*

5 *l*

2 *l*

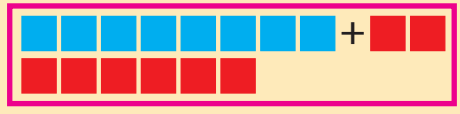
6. Bir topar baqsha balalari' plastilinnen 8 ku'shik ha'm wonnan 7 ge arti'q pi'shi'q jasadi'. Balalar barli'g'i' boli'p neshe pi'shi'q jasag'an?

7. 96 − 44 38 + 2 89 − 59 54 + 30

65 + 10 67 − 7 25 + 20 54 − 30

1.

8	
7	
	6
5	
	4



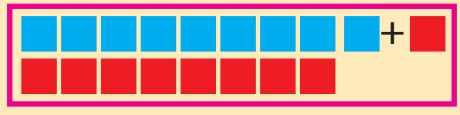
□ + 8

8 + 8 = □□

2 6

8 + 2 + 6 = 16

9	
8	
	7
6	
	5



□ + 9

9 + 9 = □□

1 8

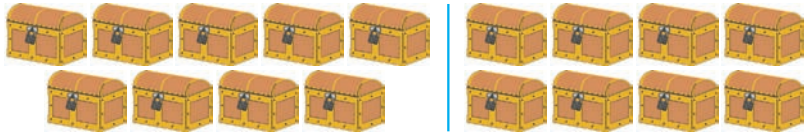
9 + 1 + 8 = 18

Yadi'n'i'zda tuti'n':

8 + 8 = 16 9 + 8 = 17 9 + 9 = 18

2. 9+6 8+6 9+4 7+7
9+5 9+7 8+5 8+4

3. Bir ha'ptede birinshi wo'nerment 9 sandi'q, yekinshi wo'nerment bolsa 8 sandi'q jasadi'. Yeki wo'nerment birgelikte neshe sandi'q jasag'an?



4. Keste boyi'nsha mi'sallar du'zin' ha'm wolardi' sheshin':

Qosi'li'wshi'	8	8	9	7	9	9	6
Qosi'li'wshi'	8	7	7	7	9	8	6
Qosi'ndi'							

5. 8+7 ☐ 16 9+8 ☐ 17 9+7 ☐ 14
9+9 ☐ 17 8+7 ☐ 15 7+7 ☐ 16

6. Azamat birinshi ku'ni 9 bet, yekinshi ku'ni 8 bet kitap woqi'di'. Azamat usi' yeki ku'n ishinde neshe bet kitap woqi'g'an?

7. 20+(30−10) (34+20)−4 (9+8)−7
80−(60+10) (28−8)+9 (9+9)+2

QOSI'W KESTESI

1. Bir tan'bali' sanlardi' qosi'w kestesi.

+	1	2	3	4	5	6	7	8	9
2	3	4	5	6	7	8	9	10	11
3	4	5	6	7	8	9	10	11	12
4	5	6	7	8	9	10	11	12	13
5	6	7	8	9	10	11	12	13	14
6	7	8	9	10	11	12	13	14	15
7	8	9	10	11	12	13	14	15	16
8	9	10	11	12	13	14	15	16	17
9	10	11	12	13	14	15	16	17	18

U'lgi:

$4 + 5 = 9$

$7 + 8 = 15$

2. Anvar atasi' menen birge wo'z ha'wlisine 8 tu'p shiye, 7 tu'p alma na'lin woti'rg'i'zdi'. Wolar barli'g'i' boli'p neshe tu'p na'l woti'rg'i'zg'an?

3. Kesteden sheshimi birdey bolg'an mi'sallardi' tabi'n':

7+5	9+2	8+6	9+4
6+6	8+5	9+3	7+6
9+5	7+7	6+5	8+4

4. Su'wret boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

9 m arqan

?, 2 m arti'q arqan

Sheshiliwi:

9+2= □□ m

Juwabi': Yekinshi woramdag'i' arqan □□ metr.

9 m arqan

?, 2 m arti'q arqan

?, m

Sheshiliwi:

1) 9+2 = □□ m

2) 11+9= □□ m

Juwabi': Yeki woramdag'i' arqan □□ metr.

5. Mi'sallardi' sheshin' ha'm juwaplari'n wo'sip bari'w ta'rtibinde jazi'n'.

6. Gu'jim tereginin' biyikligi 9 m, aq terek gu'jimnen 3 m biyik. Aq terek neshe metr?

7.

9+3	9−8	40+29	89−62
8+4	8+7	28−14	57−17

TUWRI'MU'YESHLIKTIN' TA'REPLERININ' QA'SIYETLERI

1.

Barli'q mu'yeshleri tuwri' bolg'an to'rtmu'yeshlik **tuwri'mu'yeshlik** dep ataladi'.

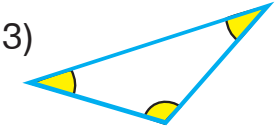
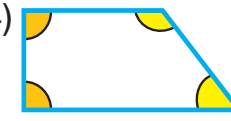
Tuwri'mu'yeshliktin' qarama-qarsi' ta'repleri bir-birine ten' boladi'.

Tuwri'mu'yeshliktin' to'rt to'besi, to'rt mu'yeshi, to'rt ta'repi bar.

2.

9+7	7+5	36+4−10	29+1+7
8+6	6+6	57+3−20	48+2+9

3. Ko'pmu'yeshliklerdegi tuwri', wonnan u'lken ha'm kishi mu'yeshlerdi ani'qlan':

1)
2)
3) 
4) 

4. Ha'wizde 9 u'yrek ju'zip ju'r yedi. Ja'ne birneshe u'yrek kelip qosi'lg'annan keyin, ha'wizdegi u'yrekler 14 boldi'. Neshe u'yrek kelip qosi'lg'an?

5. A'mel belgilerin ten'likler duri's bolatug'i'nday yetip qoyi'n':

40□5=45	59□9=50	80□3=83
27□7=20	60□4=64	39□9=30

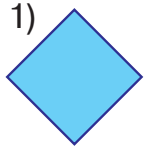
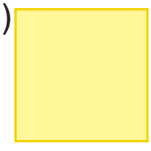
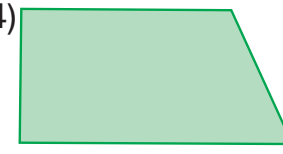
6. 1) 19, 29, 39, 49, 59, 69, 79, 89, 99 sanlari'nan keyin keletug'i'n qon'si'las sanlardi' jazi'n';
2) 90, 80, 70, 60, 50, 40, 30, 20, 10 sanlari'nan aldi'n keletug'i'n qon'si'las sanlardi' jazi'n'.

7.

8 + 8	9 − 7	37 + 3 − 5	22 + 8 + 4
9 + 5	7 + 6	46 + 4 − 2	57 + 3 + 5

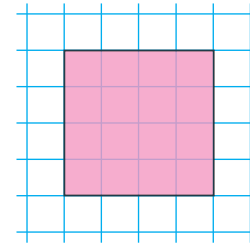
KVADRAT

1. Ha'rbir figurani'n' ati'n ayti'n':

1) 
2)
3) 
4) 

Bul figura — kvadrat.
Kvadratti'n' to'rt to'besi, to'rt mu'yeshi, to'rt ta'repi bar.
Barli'q ta'repleri bir-birine ten' bolg'an tuwri'-mu'yeshlik **kvadrat dep ataladi'**.

2. Sonday kvadrat si'zi'n' ha'm woni'n' perimetrin tabi'n':



3.

39 + 1	86 − 34	9 + 4
56 − 6	42 + 8	8 + 3
23 + 7	74 + 6	7 + 5

4. Cirk tamashasi'nda 9 at ha'm 8 ku'shik qatnasti'. Tamashada barli'g'i' boli'p neshe u'y haywanlari' qatnasqan?

5. Mi'sallardi' qolayli' usi'l menen yesaplan':

1) 1+2+3+4+6+7+8+9;

U'lgi: 1+9=10; | 2+8=10; | 3+7=10; | 4+6=10.

10+10+10+10=40. | 1+2+3+4+6+7+8+9=40.

2) 2+4+6+8+12+14+16+18;

U'lgi: 2+18=20.

6. Fermer xojali'g'i'nda azanda bir si'yi'rdan 16 *l*, yekinshi si'yi'rdan bolsa wog'an qarag'anda 4 *l* arti'q su't sawi'p ali'ndi'. Yeki si'yi'rdan neshe litr su't sawi'p ali'ng'an?

7.

40+27	76+13	38−30	(8+7)−5
57+22	22+13	29−20	(9+8)+3

1. Keste boyi'nsha berilgen mi'sallardi' sheshin':

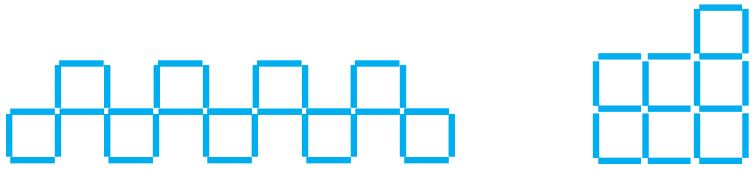
9+9	6+5	8+4	6+6
8+3	7+6	9+7	8+5
7+7	8+7	7+5	9+4

2. Bir top biyqasamnan u'lken jastag'i'lar toni' ushi'n 7 m, balalar toni' ushi'n bolsa 4 m qi'rqi'p ali'ndi'. Bir toptan neshe metr biyqasam qi'rqi'p ali'ng'an?

3. A'mel belgilerin ten'likler duri's bolatug'i'nday yetip qoyi'n':

8 + 4=12	9□6=3	9□2=11
7□4=11	9□2=7	6□5=11

4. Ha'rbir figurada neshe sanaq sho'bi qollani'lg'an?



5. 50 sm − 20 sm 70 dm + 10 dm
40 dm + 10 dm 60 sm − 30 sm

6. Islam atasi' menen diyqan bazari'nan 9 kg alma, 5 kg yerik sati'p aldi'. Wolar miywelerden qansha sati'p alg'an?

7. 9 + 4 (37 − 30) + 40 (60 + 20) + 3
8 + 5 (50 + 20) + 19 (80 − 40) + 5

WO'TILGENLERDI BEKKEMLEW

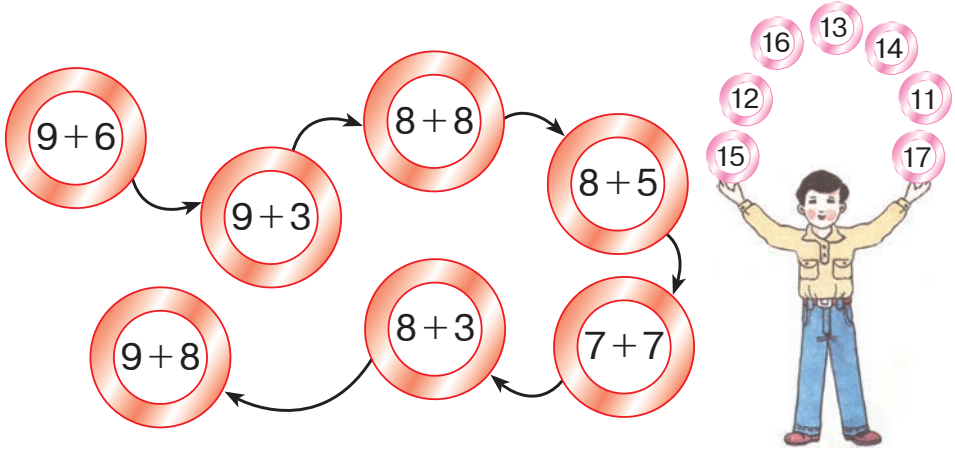
1. Keste boyi'nsha mi'sallar du'zin' ha'm sheshin':

Qosi'li'wshi'	9	8	7	9	8	6	7
Qosi'li'wshi'	3	4	5	2	5	6	4
Qosi'ndi'							

2. Bir vazada 9 almurt, yekinshi vazada bolsa 7 shabdal bar. Almurtlar shabdaldan neshewge ko'p? Shabdal almurttan neshewge kem?

3. 50 + 27 28 − 20 43 + 17 65 − 60
27 + 50 39 − 30 17 + 43 78 − 70

4. Mi'sallardi' tu'sindirip sheshin':



5. Su'wretler boyi'nsha to'mendegishe sheshile-tug'i'n ma'seleler du'zin':
10+6; 10−6; 10+4; 10−4; 10+6+4.

6. Sonday san qoyi'n', na'tiyjede ten'lik duri's bol-si'n:

8+□=16	9+□=13	9+□=17
9+□=18	9+□=15	8+□=14

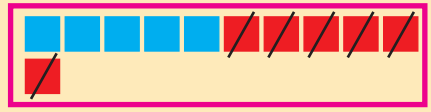
7. Mektep asxanasi'nda 9 stol bar yedi. Ja'ne 8 stol qoyi'ldi'. Asxanadag'i' barli'q stollar neshew boldi'?

8.

62+8	85−5	76+24	60+40
43+7	38−8	57+32	90−50

18 ISHINDE BIR TAN'BALI' SANLARDI' WONLI'Q ARQALI' WO'TIP ALI'W

1.



11 − □

11 den 6 sani'n ali'w ushi'n 6 sani' bo'leklep ali'nadi'. Bul to'mendegishe wori'nlanadi':

Birinshi usi'l. 1) Da'slep 10 payda boli'wi' ushi'n 11 den 1 sani'n ali'w kerek:

11 − 1 = 10

2) 6 — bul 1 + 5 yekenligi belgili. 11 den 1 ali'ndi', ja'ne 5 ti ali'w kerek.

Demek, **10 − 5 = 5**

Buni' to'mendegishe jazi'w mu'mkin:

11 − 6 = 5 yamasa 11 − 6 = 5

1 5 11 − 1 − 5 = 5

Yekinshi usi'l. 11 — bul 6 + 5 ten ibarat bolg'ani' ushi'n mi'saldi' to'mendegishe jazi'w mu'mkin:

11 − 6 = 5 11 − 5 = 6

Qi'sqasha to'mendegishe jazi'ladi':

11 − 6 = 5 11 − 5 = 6

6 5 5 6

2. Sonday san qoyi'n', na'tiyjede ten'lik duri's bolsi'n.

9 + □ = 11	11 − □ = 5	8 + □ = 15
7 + □ = 11	11 − □ = 6	9 + □ = 14

3. Azi'q-awqat du'kani'na 16 quti' konfeta ha'm pechenie ali'p kelindi. Konfetalar 6 quti' bolsa, neshe quti' pechenie ali'p kelingen?

4.

29 + 1	57 + 3	64 + 6	36 + 4
48 + 2	16 + 4	75 + 5	13 + 7

5. Qi'sqa jazi'w boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

1-tarelkada — 11

2-tarelkada — ?, 6 g'a kem

Sheshiliwi: $11-6=\square$ alma.

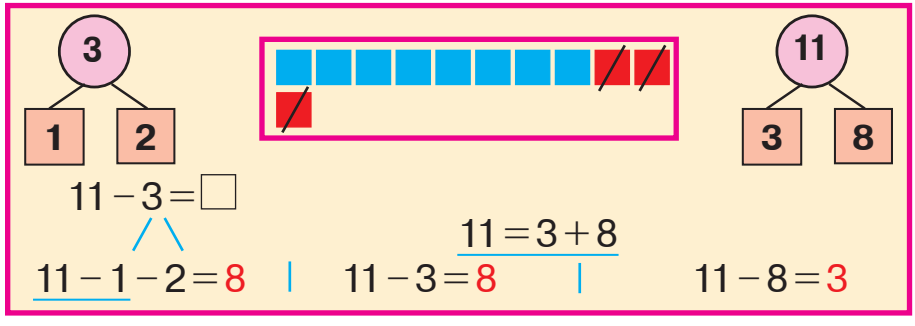
Juwabi': Yekinshi tarelkada $\square$ alma bar.

6. Yeki kesindi si'zi'n'. Birinin' uzi'nli'g'i' 7 sm, yekinshi kesindi wonnan 4 sm uzi'n bolsi'n.

7.

9 + 2	(80 − 50) + 9	(20 + 10) + 5
8 + 3	(90 − 60) + 3	(30 + 30) + 7

1.



Yadi'n'i'zda tuti'n':

$11-2=9$ | $11-3=8$ $11-4=7$ | $11-5=6$

2. Sheshiliwin tu'sindirin':

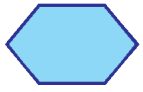
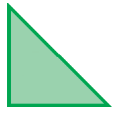
$11-4=7$ (1, 3) $\qquad$ $11-4=7$ (4, 7)

3. Jaylawda 11 qoy jayi'li'p ju'r. 4 qoydi' aji'rati'p qorag'a qamadi'. Jaylawda neshe qoy qaldi'?

4.

$11-2+9$	$11-1+4$	$11-4+7$
$11-3+2$	$11-1+6$	$11-5+4$

5. Ha'rbir figurani'n' ati'n ayti'n'. Ha'rbir figurani'n' neshe ta'repi bar?

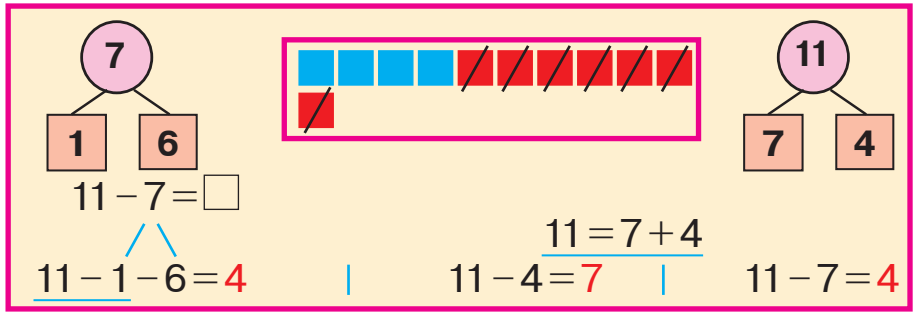
1)  2)  3) 4)

6. Aerodromda birneshe samolyot bar yedi. 5 samolyot ushi'p ketkennen keyin, aerodromda 6 samolyot qaldi'. Aerodromda da'slep neshe samolyot bolg'an?

7.

$43+20$	$65-5$	$32+8$	$23-3$
$76-30$	$44+6$	$59-9$	$86+4$

1.



Yadi'n'i'zda tuti'n':

$11-6=5$ | $11-7=4$ | $11-8=3$ | $11-9=2$

2. 11 − 6 + 5 | 11 − 3 + 8 | 11 − 9 + 6
11 − 7 + 6 | 11 − 8 + 7 | 11 − 5 + 8

3. Keste boyi'nsha ma'sele du'zin' ha'm sheshin':

Bar yedi	Sati'ldi'	Qaldi'
48 kg pechenie	azanda — 20 kg tu'sten keyin — 10 kg	? kg

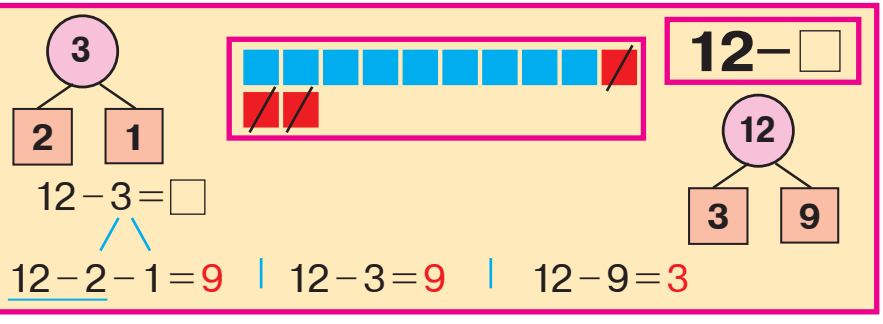
4. 8 + 6 □ 13 | 7 + 6 □ 14 | 6 + 5 □ 11
7 + 7 □ 15 | 9 + 7 □ 16 | 8 + 8 □ 14

5. Birinshi figuradan 1 sho'pti sonday yetip ali'n', na'tiyjede 3 kvadrat qalsi'n. Yekinshi figuradan bolsa sonday 3 sho'ptin' worni'n almasti'ri'n', na'tiyjede 4 birdey kishi kvadrat ha'm 1 u'lken kvadrat payda bolsi'n.

6. Bir i'di'sta 11 *l*, yekinshi i'di'sta birinshi i'di's-tag'i'dan 6 *l* kem paxta mayi' bar. Yekinshi i'di'sta neshe litr may bar?

7. (80 − 50) + 9 | (20 + 10) + 5 | 45 − (8 + 7)
(90 − 60) + 3 | (30 + 30) + 7 | 28 − (9 + 3)

1.



Yadi'n'i'zda tuti'n':
12 − 3 = 9 | 12 − 4 = 8 | 12 − 5 = 7 | 12 − 6 = 6

2. Sheshiwdin' tu'rli usi'llari'n tu'sindirin':

$12-4=8$ (2, 2) $\quad 12-5=7$ (2, 3) $\quad 12-5=7$ (5, 7)

3. Anvar 12 betli da'pterdin' 6 betin tolti'rdi'. Da'pterdin' tolti'ri'lmag'an neshe beti qaldi'?

4.

$11-2$	$11-4$	$12-3$	$12-5$
$11-3$	$11-5$	$12-4$	$12-6$

5. Keste boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

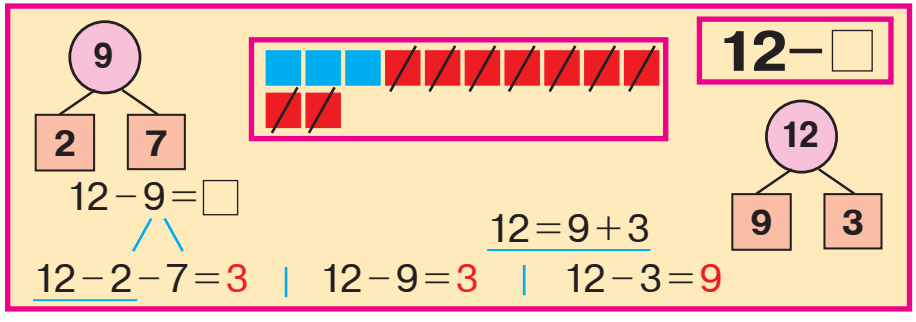
Bar yedi	Sati'ldi'	Qaldi'
12 velosiped	2 do'n'gelekli velosiped — 3 3 do'n'gelekli velosiped — 2	?

6.

$(80-50)+7$	$47+3-20$	$28+2-10$
$(90-40)+4$	$67+3-30$	$56+4-30$

7. $12-4 \square 8$ $\quad 10+2 \square 11$ $\quad 11-8 \square 12$

1.



Yadi'n'i'zda tuti'n':

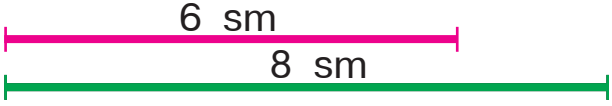
$12-7=5$ | $12-8=4$ | $12-9=3$

2. Sonday san qoyi'n', ten'lik duri's bolsi'n:

12 − □ = 8	11 − □ = 6	12 − □ = 6
12 − □ = 7	12 − □ = 3	11 − □ = 4

3. Avtosarayda 12 jen'il mashina bar yedi. Azanda 9 i' belgilengen jo'nelisler boyi'nsha jolg'a shi'qti'. Avtosarayda neshe mashina qaldi'?

4. Birinshi kesindi yekinshi kesindiden neshe santimetr qi'sqa? Yekinshi kesindi birinshi kesindiden neshe santimetr uzi'n?



5. Qi'sqa jazi'w boyi'nsha ma'sele du'zip sheshin':

Televizor — 12
Kompyuter — ?, 6 g'a kem) ?

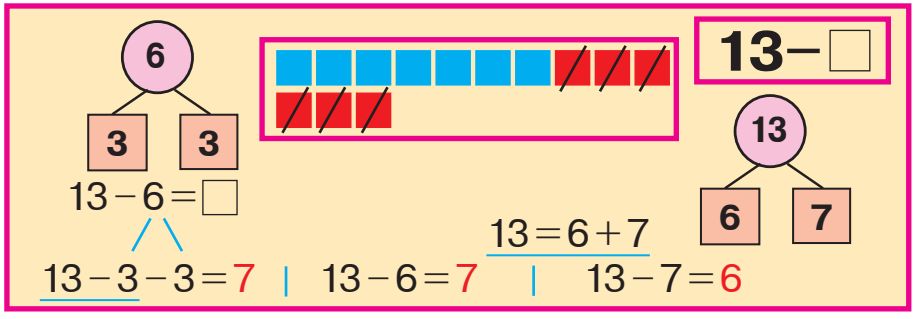
6. Sanlardi'n' ayi'rmasi'n tabi'n':

11 menen 4 tin', 12 menen 5 tin', 12 menen 7 nin', 11 menen 8 din'.

7.

58 + 2	38 − 30	12 − 4 + 8	(12 − 3) + 4
37 + 3	43 − 40	11 − 6 + 4	(11 − 5) + 4

1.



Yadi'n'i'zda tuti'n':

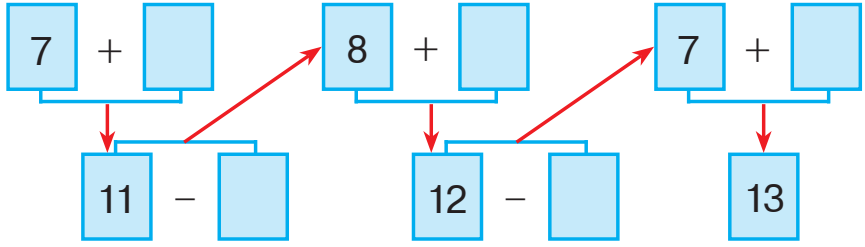
13 − 4 = 9 | 13 − 5 = 8 | 13 − 6 = 7

2. A'mel belgilerin ten'likler duri's bolatug'i'nday yetip qoyi'n':

12□7=5	8□8=16	13□4=9
11□6=5	7□5=12	13□6=7

3. Yertek kitap 12 betten ibarat. Nasiba usi' kitapti'n' 5 betin woqi'di'. Wol kitapti'n' ja'ne neshe betin woqi'wi' kerek?

4. Mi'sallardi' tu'sindirip sheshin':

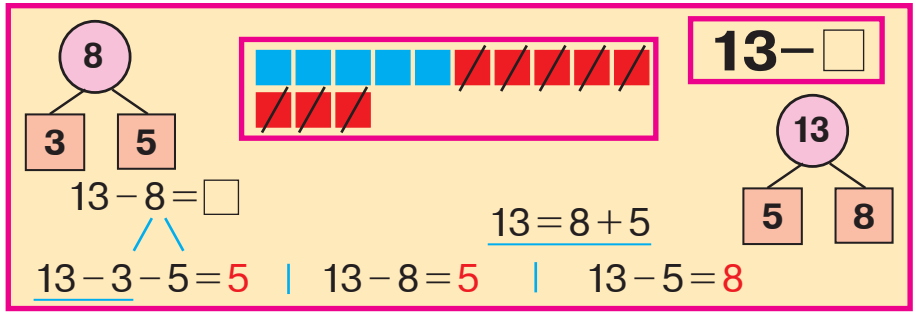


5. To'mendegi an'latpalardi'n' ma'nislerin tabi'n':
9+5, 11−4, 8+8, 12−7, 9+8, 12−3, 7+5, 11−6

6.

50+(12−7)	27−(7+4)	39+(13−5)
70−(11−5)	32+(8+5)	42−(12−8)

1.



Yadi'n'i'zda tuti'n':
13−7=6 | 13−8=5 | 13−9=4

2. A'mel belgilerin ten'likler duri's bolatug'i'nday yetip qoyi'n':

13□6=7	8□7=15	11□6=5
12□3=9	7□6=13	12□8=4

3. Qi'sqa jazi'w menen ma'sele du'zip sheshin':

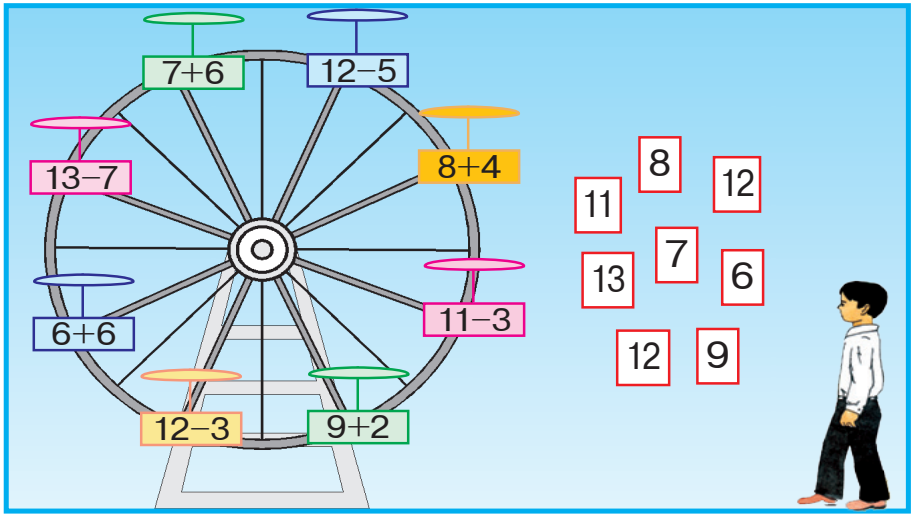
1-ma'sele	2-ma'sele
Azatta — 13 tawi'q Muratta — ?, 4 ke kem tawi'q	Azatta —13 tawi'q Muratta — ?, 4 ke kem tawi'q

?

4.

44 sm − 30 sm	46 sm − 24 sm
75 sm + 25 sm	55 dm + 20 dm

5. Mi'sallardi'n' sheshimin tabi'n':

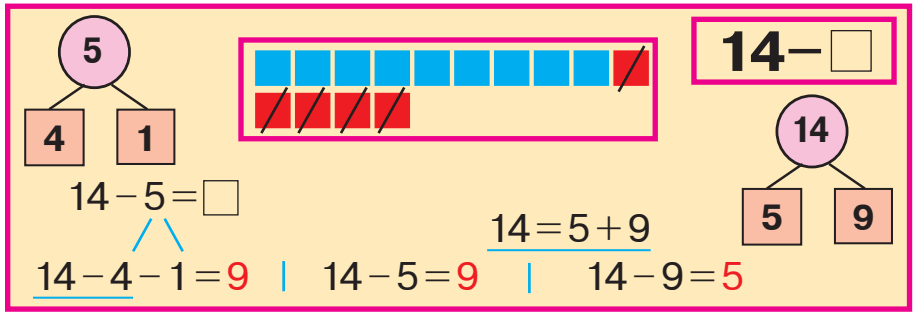


6. Gu'lzarli'qta 13 aq ha'm qi'zi'l gvozdikalar ashi'lg'an yedi. Qi'zi'l gvozdikalar 7 ew bolsa, aq gvozdikalar neshew?

7.

12−(5+4)	9+(4+5)	47+3	100−8
13−(7+2)	8+(6+4)	64+6	100−3

1.



Yadi'n'i'zda tuti'n':

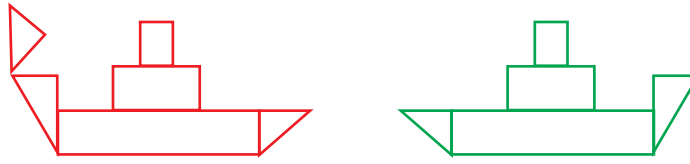
14 − 5 = 9 | 14 − 6 = 8 | 14 − 7 = 7

2.

13 − 8	9 + 3	11 − 5	(14 − 5) + 2
12 − 6	8 + 5	13 − 4	(14 − 7) + 3

3. Mektep ha'wlisinde 14 woqi'wshi' woynap ju'r yedi. Wolardan 6 i' ul bala bolsa, neshewi qi'z bala?

4. Figuralardi' da'pterin'izge si'zi'n' ha'm wolardi' boyan':



5. Qi'sqa jazi'w boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

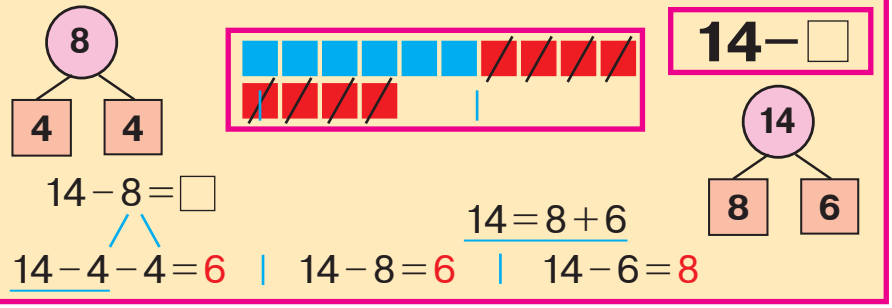
Bar yedi — 8 *l* ha'm 6 *l* su't
Jumsaldi' — 7 *l* su't
Qaldi' — ? *l* su't

6. Asqabaqti'n' awi'rli'g'i' 7 kg, g'arbi'zdiki wonnan 3 kg kem. G'arbi'zdi'n' awi'rli'g'i' qansha?

7.

$52+8$	$49+1$	$14-(9+2)$	$13-(11-3)$
$27+3$	$36+4$	$14-(8+5)$	$13-(12-4)$

1.



Yadi'n'i'zda tuti'n':

$14-8=6$ $14-9=5$

2.

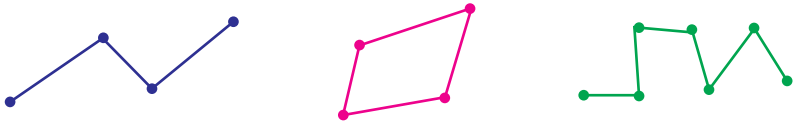
$7+6$	$13-9$	$7+3-4$	$(14-6)+8$
$8+8$	$14-5$	$9+1-2$	$(14-8)+8$

3. Azanda du'kanda 14 televizor bar yedi. Keshke shekem 8 televizor sati'ldi'. Du'kanda neshe televizor qalg'an?

4. Qolayli' usi'l menen yesaplan'.

$3+14+6$	$7+13+2$	$5+20+50$
$8+12+3$	$4+11+9$	$6+30+40$

5. Figuralardi'n' ha'rbirinde neshe kesindiden bar?



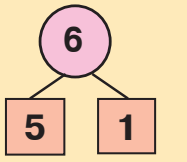
6. Sali'sti'ri'n':

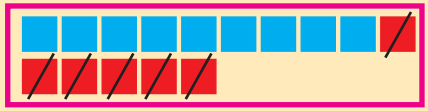
$8+7\square 15$ $13-5\square 9$ $14-6\square 7$

7.

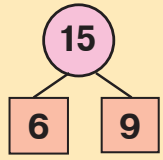
9 + 5	13 − 8	60 + 40	38 − 30
8 + 6	14 − 7	90 − 50	57 + 32

1.





15 − □



15 − 6 = □

15 − 5 − 1 = 9 | 15 − 9 = 6 | 15 = 6 + 9 | 15 − 6 = 9

Yadi'n'i'zda tuti'n':

15 − 6 = 9 | 15 − 9 = 6

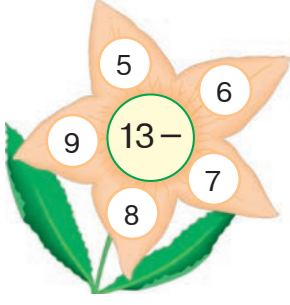
2.

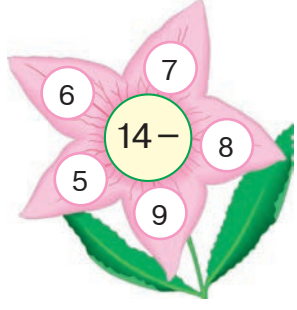
8 + 7	7 + 7	14 − (5 + 9)	(14 − 9) + 5
9 + 3	9 + 5	13 − (9 + 4)	(14 − 8) + 4

3. Nasiba 15 jasta. Sin'lisi bolsa wonnan 6 jas kishi. Sin'lisi neshe jasta?

4. 14 − 8 □ 8 13 − 8 □ 5 9 + 6 □ 14

5. Mi'sallardi'n' sheshiliwin tu'sindirin':



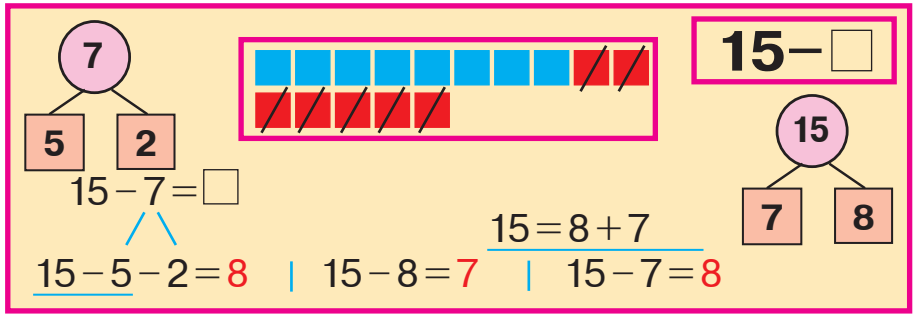


6. Mektep asxanasi'na 50 kg un ali'p kelindi. 4 kg unnan somsa, 6 kg unnan mazali' gu'lshe pisirildi. Asxanada neshe kg un qaldi'?

7.

68 + 2	13 − (5 + 6)	(9 + 3) − 5	(8 + 7) + 5
36 + 4	14 − (5 + 7)	(8 + 6) − 6	(9 + 8) − 7

1.



Yadi'n'i'zda tuti'n':
15 − 7 = 8 15 − 8 = 7

2. Bali'qshi' da'ryadan sazan ha'm i'laqa bali'qti'n' 15 in usladi'. Sazan bali'qlar 8 bolsa, i'laqa bali'qlar neshew?

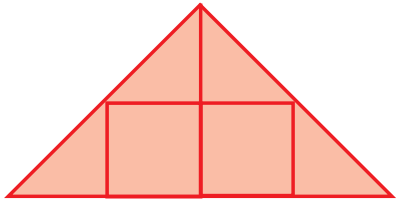
3. Mi'sallardi'n' sheshiliwin tu'sindirin':

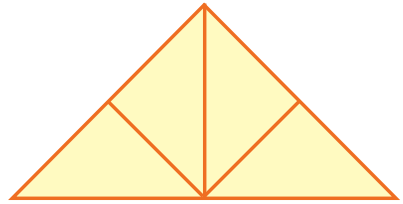
8 + 7 → 15 − 8 → 7 + 4 → 11 − 5 → 6 + 9

15 − 6 → 9 + 3 → 12 − 5 → 7 + 7 → 14 − 6

4. Qi'sqa jazi'w boyi'nsha ma'sele du'zin' ha'm woni' sheshin':
Aq kepter — 15
Ko'k kepter — ?, 8 ge kem

5. Ha'rbir figurada neshe u'shmu'yeshlik bar?



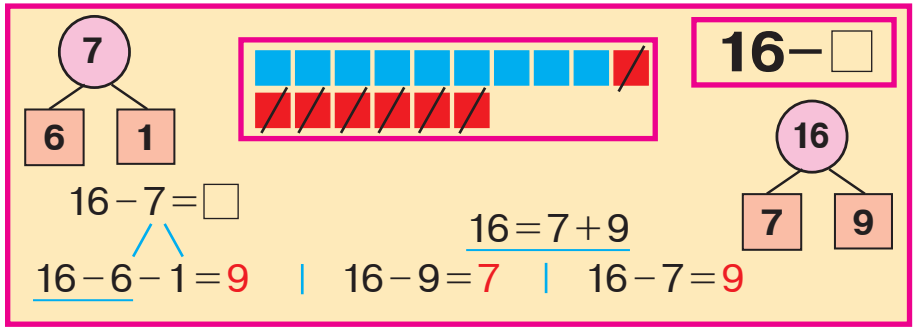


6. Ko'lde 15 g'az ha'm wolardan 7 ge kem u'yrek ju'zip ju'r. Ko'lde neshe u'yrek bar?

7.

60 − 20	12 − (2 + 9)	(14 − 4) + 2
35 − 35	15 − (5 + 4)	(12 − 2) + 3

1.



Yadi'n'i'zda tuti'n':

16 − 7 = 9 | 16 − 8 = 8 | 16 − 9 = 7

2.

9 + 9	14 − 5	15 − 6	6 + 6 − 2
8 + 6	13 − 5	16 − 8	8 + 8 − 6
7 + 4	15 − 8	13 − 4	7 + 7 − 4

3. Balalar maydanshasi' quri'li'si'nda 16 gerbish wo'riwshi, wonnan 7 ge kem si'bawshi' isledi. Quri'li'sta neshe si'bawshi' islegen?

4. Keste boyi'nsha ma'sele du'zin' ha'm sheshin':

Bar yedi	Jelindi	Qaldi'
16 apelsin	8 apelsin	?

5. 9+5 □ 16 16−8 □ 13 13−6□7

6. An'latpa ko'rinisinde jazi'n' ha'm wolardi' sheshin':
1) 9 benen 7 nin' qosi'ndi'si'nan 6 ni' ali'n';
2) 8 benen 7 nin' qosi'ndi'si'nan 5 ti ali'n'.

7. 90−40 80+20 99+1 42+8
60+40 76+24 57+3 27+3

1.

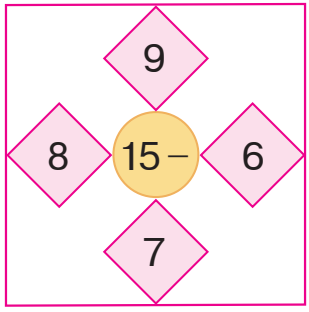
Azayi'wshi'	11	12	13	14	15	15	16
Ali'ni'wshi'	9	4	5	6	7	9	8
Ayi'rma							

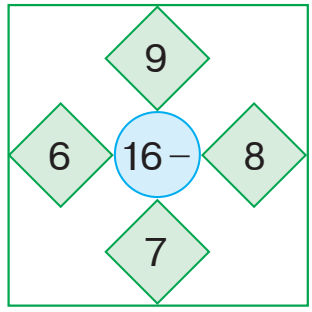
2. Birinshi quti'da 16, yekinshi quti'da wonnan 9 g'a kem ma'yek bar. Yeki quti'da neshe ma'yek bar?

3. Sonday san qoyi'n', na'tiyjede ten'lik duri's bolsi'n:

15−□=8 7+□=11 12−□=9
14−□=5 9+□=13 16−□=9

4. Mi'sallardi'n' sheshiliwin tu'sindirin':





5. Qolayli' usi'l menen yesaplan':

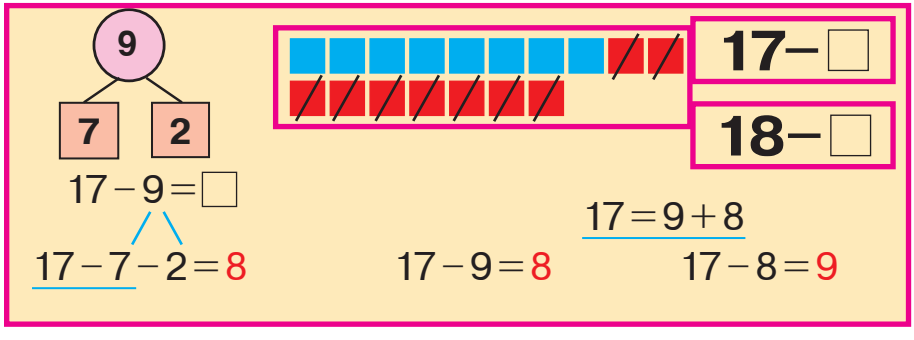
7 + 3 + 9	14 + 6 + 8	50 + 30 + 3
8 + 2 + 7	13 + 7 + 5	80 + 10 + 2

6. Balalar baqshasi'na 16 woyi'nshi'q ali'p kelindi. Quwi'rshaqlar 8 bolsa, toplar neshew?

7.

28 + 2	99 – 9	15 – (8 + 7)	(8 + 7) – 5
57 + 3	68 – 8	14 – (7 + 3)	(7 + 6) – 3

1.



Yadi'n'i'zda tuti'n':

17 – 8 = 9 17 – 9 = 8 18 – 9 = 9

2. 16 − 6 + 1 14 − 4 − 5 13 − 3 + 2 11 − 1 − 3
15 − 5 + 3 13 − 3 − 6 12 − 2 − 3 14 − 4 + 5

3. Jumi'sshi'lar 18 bo'lmenin' qayta won'law jumi'si'n ali'p bari'wi' kerek yedi. Usi' bo'lmelerdin' birneshewinin' qayta won'law jumi'si'nan keyin 9 bo'lme qaldi'. Jumi'sshi'lar neshe bo'lmenin' qayta won'law jumi'si'n islegen?

4. Kesteden sheshimi birdey bolg'an mi'sallardi' tabi'n'.

9 + 7	17 − 9	9 + 5	15 − 9
16 − 8	11 − 5	18 − 9	7 + 7
8 + 6	15 − 6	7 + 9	17 − 8

5. Qi'sqa jazi'w boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

Gerbish wo'riwshiler — 18.
Si'bawshi'lar — ?, 9 g'a kem.

6. Ziywatdin atasi' menen diyqan bazardan 18 kg piyaz, wonnan 9 kg kem kartoshka sati'p aldi'. Wolar barli'g'i' boli'p neshe kilogramm kartoshka sati'p alg'an?

7. 9 + 2 12 − 4 17 − (9 + 3) (9 + 9) − 7
8 + 3 15 − 7 16 − (7 + 2) (8 + 8) − 7

18 ISHINDE BIR TAN'BALI' SANLARDI' ALI'W KESTESI

1.

–	1	2	3	4	5	6	7	8	9
10	9	8	7	6	5	4	3	2	1
11		9	8	7	6	5	4	3	2
12			9	8	7	6	5	4	3
13				9	8	7	6	5	4
14					9	8	7	6	5
15						9	8	7	6
16							9	8	7
17								9	8
18									9

U'lgi:

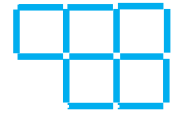
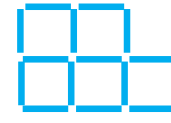
$12 - 7 = 5$

$15 - 7 = 8$

2. U'lgi boyi'nsha wori'nlan':

$7+8=15$	$9+7=\square\square$	$9+8=\square\square$
$8+7=15$	$7+9=\square\square$	$8+9=\square\square$
$15-7=8$	$16-9=\square$	$17-9=\square$
$15-8=7$	$16-7=\square$	$17-8=\square$

3. Avtosarayda 18 avtomobil turi'pti'. Wolardi'n' 9 i' ju'k mashinasi', qalg'anlari' bolsa jen'il avtomobil. Avtosarayda neshe jen'il avtomobil bar?

4. Sho'plerden sonday figuralardi' du'zin'. Birinshi figuradan 1)  2) 

3 sho'pti sonday yetip ali'n', na'tiyjede 3 kvadrat qalsi'n. Yekinshi figuradan 3 sho'pti sonday yetip ali'n', na'tiyjede 4 kvadrat qalsi'n.

5. Qi'sqa jazi'w boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

Aspa saat — 18
Qol saat — ?, 9 g'a kem) ? saat

6. Muzi'ka do'geregi ushi'n 15 rubab, 10 duwtar, 5 da'p sati'p ali'ndi'. Barli'g'i' boli'p neshe muzi'ka a'sbaplari' sati'p ali'ng'an?

7.

27 + 3	16 − (8 + 7)	(15 − 8) + 7
39 + 1	18 − (9 + 9)	(17 − 8) + 9

1. Kesteden sheshimi 4, 5, 6, 7 ge ten' mi'sallardi' tabi'n':

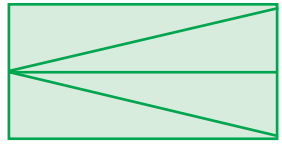
11−2							
11−3	12−3						
11−4	12−4	13−4					
11−5	12−5	13−5	14−5				
11−6	12−6	13−6	14−6	15−6			
11−7	12−7	13−7	14−7	15−7	16−7		
11−8	12−8	13−8	14−8	15−8	16−8	17−8	
11−9	12−9	13−9	14−9	15−9	16−9	17−9	18−9

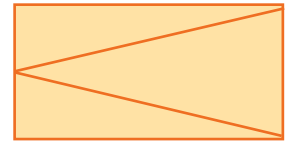
2. Mi'sallardi'n' sheshiliwin tabi'n':

9+4=13	8+6=□□	9+6=□□
4+9=13	6+8=□□	6+9=□□
13−9=4	14−8=□	15−9=□
13−4=9	14−6=□	15−7=□

3. Bir kitapta 18, yekinshi kitapta 9 yertek bar. Yekinshi kitaptag'i' yertekler birinshi kitaptag'i'dan neshege kem? Birinshi kitaptag'i' yertekler bolsa yekinshi kitaptag'i'dan neshege ko'p?

4. Figuralardi' sali'sti'ri'n': Ha'rbirinde neshe u'shmu'yeshlik bar?

a) 

b) 

5. 17−9 □ 18 18−7 □ 10 9+9 □ 18

6. Bir bag'anag'a sanlar qosi'ndi'si'n, yekinshi bag'anag'a sanlar ayi'rmasi'n jazi'n'. Bul sanli' an'latpalardi'n' ma'nislerin tabi'n':

16−7 9+8 18−9 9+9 17−9 9+7

7. (9+8)−7 17−(9+5) 18+2−10
(9+6)−5 18−(8+9) 17+3−10

SAAT. MINUT

1.

Saatti'n' u'lken tili minutti' ko'rsetedi. Wol bir si'zi'qshadan yekinshi si'zi'qshag'a shekem 1 minutta wo'tedi.

Saatti'n' kishi tili saatti' ko'rsetedi. Wol bir cifrdan yekinshi cifrg'a 1 saatta wo'tedi.

1 saat = 60 minut.

1) Saat qaysi' waqi'tti' ko'rsetip turi'pti'?
2) Saatti'n' u'lken tili qaysi' cifrdi' ko'rsetip turi'pti'?
3) Saatti'n' kishi tili qaysi' cifrdi' ko'rsetip turi'pti'?

2. Mi'sallardi' u'lgi boyi'nsha wori'nlan':

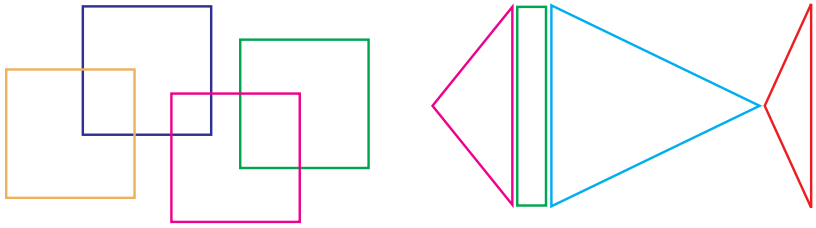
$$100-6=90+(10-6)=90+4=94$$

90 10

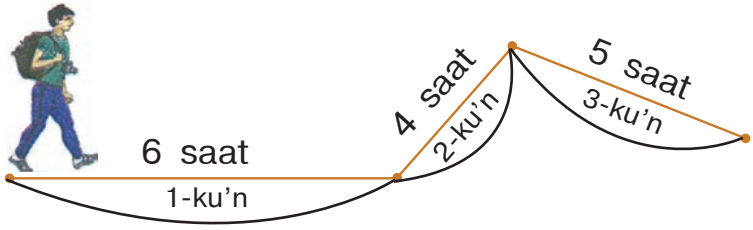
$100-7$	$100-4$	$100-9$	$100-8$
$100-3$	$100-5$	$100-2$	$100-6$

3. Du'kanda 100 shan'jutqi'sh bar yedi. Ku'n dawami'nda 9 shan'jutqi'sh sati'ldi'. Du'kanda ja'ne neshe shan'jutqi'sh qaldi'?

4. 1-figurada neshe to'rtmu'yeshlik 2-figurada neshe u'shmu'yeshlik ha'm to'rtmu'yeshlik bar?



5. Sayaxatshi' u'sh ku'nde qansha waqi't jol ju'rgen?



6. Qi'sqa jazi'w boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

Bar yedi — 20 kg qurma
Sati'ldi' — 10 kg qurma
Qaldi' — ? kg qurma

7.

100−5	83+17	80+20	40+60
100−3	90+10	50+50	70+30

1. Mi'sallardi' u'lgige qarap sheshin':

$$100-37=(100-30)-7=70-7=63$$

30 7

100−57	100−62	100−46	100−87
100−28	100−26	100−64	100−78

2. Nanbayxanada 100 dana sho'rek nan ha'm pa'tir nan pisirildi. Wolardi'n' 78 i sho'rek nan. Nanbayxanada neshe pa'tir nan pisirilgen?

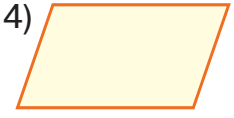
3. Mi'sallardi' u'lgi boyi'nsha wori'nlan': 35=30+5

42=□□+□	68=□□+□	47=□□+□
56=□□+□	24=□□+□	59=□□+□

4. Keste boyi'nsha ma'sele du'zin' ha'm sheshin':

Sati'p ali'ndi'	Jumsaldi'	Qaldi'
? kg piyaz	azanda — 22 kg keshquri'n — 28 kg	20 kg

5. Ha'rbir figurani'n' neshe ta'repi ha'm mu'yeshi bar?

1)
2)
3)
4) 

6. Du'kang'a 37 jup ayaq kiyim sati'w ushi'n ali'p kelindi. Bir ku'nde 15 jup ayaq kiyim sati'ldi'. Du'kanda ja'ne neshe jup ayaq kiyim qaldi'?

7.

42+8+9	90−50	100−27	100−24
76+4+3	57+32	100−39	100−56

1. Kesteden sheshimi birdey bolg'an mi'sallardi' tabi'n'.

17–9	9+5	15–6	8+4
7+5	14–6	8+6	18–9
15–8	8+8	13–6	9+7

2. Kitapxanada 18 «Bilimdan» jurnali' bar yedi. Kitapxanashi' birneshe jurnallardi' woqi'wshi'-larg'a woqi'w ushi'n tarqatqannan keyin 8 jurnal qaldi'. Kitapxanashi' neshe jurnal tarqatqan?

3. Mi'sallardi' tu'sindirip sheshin':

9+7=□□ 8+3=□□ 9+8=□□
7+9=□□ 3+8=□□ 8+9=□□

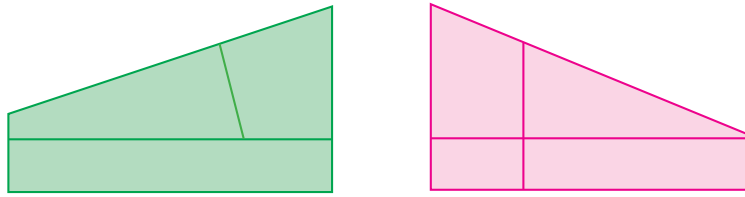
16–7=□ 11–8=□ 17–9=□
16–9=□ 11–3=□ 17–8=□

4. Basqati'rmani' sheshsen'iz, su'yikli diyari'mi'zdi'n' ati'n bilip alasi'z.

9+4 I	15–7 E	8+7 T	11–9 O'	9+8 N
16–7 K	8+6 S	12–5 B	8+8 A	15–9 Z

2	6	7	8	9	13	14	15	16	17

5. Figuralardi’ sali’sti’ri’n’:



6. Bir baylamda 35, yekinshisinde bolsa 20 da’pter bar. Yekinshi baylamda birinshi baylamdag’i’g’a qarag’anda neshewi kem da’pter bar?

7.

14–7	11–3	8+7	7+7–4
13–9	15–6	6+6	7+7–3
18–9	16–8	8+8	7+8–5

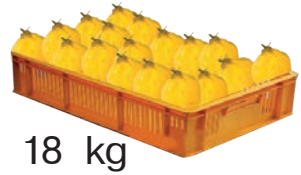
WO’TILGENLERDI BEKKEMLEW

1. Yeki qon’si’las qosi’li’wshi’lardi’ wolardi’n’ qosi’ndi’si’ menen almasti’ri’p, qolayli’ usi’l menen yesaplan’:

5+14+6	8+9+1	10+80+9
3+12+8	7+8+2	50+30+5

2. Qi’sqa jazi’w boyi’nsha ma’sele du’zin’ ha’m woni’ sheshin’:

Bar yedi — 18 kg behi
Sati’ldi’ — 9 kg behi
Qaldi’ — ? kg behi



18 kg

3. An'latpa ko'rinisinde jazi'n' ha'm wolardi' sheshin':

1) 50 menen 9 di'n' qosi'ndi'si'na 1 di qosi'n';

2) 28 benen 2 nin' qosi'ndi'si'nan 10 di' ayi'ri'n';

3) 37 menen 3 tin' qosi'ndi'si'nan 20 ni' ali'n';

4) 40 penen 6 ni'n' qosi'ndi'si'na 4 ti qosi'n'.

4. Su'wretlerden paydalani'p: $4+6$, $4+7$, $6-4$, $7-6$, $(4+6)+7$, $(4+6)-7$ an'latpalari'n tu'sindirin':

4 kg 6 kg 7 kg

5. 57, 32, 96, 48 sanlari'n u'lgide ko'rsetilgendey yetip qosi'ndi' menen almasti'ri'n':

$75=70+5$.

6. Aspazli'q tan'lawi'nda Ziyada tapsi'ri'lg'an wazi'ypani' 20 minutta, Gu'lsara bolsa 25 minutta wori'nladi'. Ziyada bul wazi'ypani' Gu'lsaradan neshe minut aldi'n wori'nlag'an? Gu'lsara bul wazi'ypani' Ziyadadan neshe minut keyin wori'nlag'an?

7. 85 sm − 25 sm 73 dm + 17 dm

57 dm + 32 dm 94 sum − 64 sum

100 ISHINDE SANLARDI' TAN'BA ARQALI' QOSI'W HA'M ALI'W

AWI'ZEKI QOSI'W HA'M ALI'W USI'LLARI'

1. Yesaplan':

1) 10 sani'nan 7 ha'm 2 sanlari'ni'n' qosi'ndi'si'n ali'n':

$$10 \overset{2}{-} (7 \overset{1}{+} 2)$$

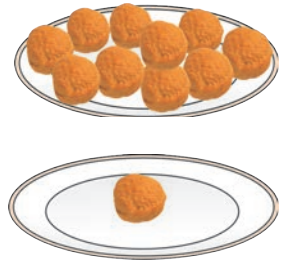
> Qawsi'rmali' an'latpalarda da'slep qawsi'rma ishindegi a'meller wori'nlanadi'.

2) 10 − 7 − 2 ko'rinisindegi mi'sallardi' sheshiw-de a'meller izbe-iz wori'nlanadi': 10 − 7 − 2 = 1.

2. Tu'sindirip sheshin':

$10 \overset{2}{-} (5 \overset{1}{+} 3)$	$10 - (6 + 3)$	$9 - (4 + 2)$
$10 - 5 - 3$	$10 - 6 - 3$	$9 - 4 - 2$

3. Anvarda 10 g'oza bar yedi. Wol 7 in inisine berdi, 2 in shag'i'p jedi. Anvarda neshe g'oza qaldi'?



I usi'l.

1) 7 + 2 = □ g'oza jelindi

2) 10 − 9 = □ g'oza qaldi'.

II usi'l.

10 − 7 − 2 = 3 − 2 = 1 g'oza qaldi'.

Juwabi': Anvarda 1 g'oza qaldi'.

4. Keste boyi'nsha ma'sele du'zin' ha'm sheshin':

Bar yedi	Jumsaldi'	Qaldi'
30 kg kartoshka	azanda — 4 kg tu'slikte — 5 kg	? kg

5. Tu'sindirip sheshin':

20−(6+3) 40−(7+2) 50−(5+4)

6. Balalar baqshasi' asxanasi'nda 20 kg gu'rish bar yedi. Azanda 4 kg, tu'ste de sonsha gu'rish jumsaldi'. Neshe kilogramm gu'rish qalg'an?

Ma'seleni reje boyi'nsha sheshin'.

1) Barli'g'i' boli'p qansha gu'rish jumsalg'an?

4+4=□ (kg)

2) Neshe kilogramm gu'rish qalg'an?

20−8=□□ (kg)

7. 19+1 26+4 45+3 (9+6)+5

56+3 87+3 38+2 (8+9)+3

SANLI' AN'LATPALAR

1.

$35+4$ $48-5$

Bular **sanli' an'latpalar** yamasa **an'latpalar** dep ataladi'.

An'latpada ko'rsetilgen a'mellerdin' na'tiyjesi, **an'latpani'n' ma'nisi** delinedi.

$35+4=39$ 35 penen 4 sani'ni'n' qosi'ndi'si' 39 g'a ten'.

$35+4$ **an'latpa,** 39 **an'latpani'n' ma'nisi.**

2. An'latpalardi' yesaplan':

36 ha'm 4, 48 ha'm 30, 37 ha'm 48 sanlari'ni'n' qosi'ndi'si';

42 ha'm 2, 57 ha'm 50, 95 ha'm 5 sanlari'ni'n' ayi'rmasi'.

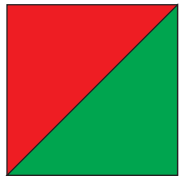
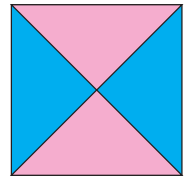
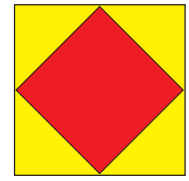
3. Keste boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

Bar yedi	Jumsaldi'	Qaldi'
8 kg ha'm 6 kg	5 kg	? kg

$8+6$, $8-6$, $(8+6)-5$ an'latpalari'ni'n' ma'nisin yesaplap neni tabi'w mu'mkin?

4. Bag'qa 70 tu'p na'l woti'rg'i'zi'ldi'. Wolardan 40 i' qa'reli, 20 si' qurma, qalg'ani' shiye na'li. Bag'qa neshe tu'p shiye na'li woti'rg'i'zi'lg'an?

5. Figuralardi' da'pterin'izge si'zi'n'. Ha'rbir figurada neshe u'shmu'yeshlik ha'm kvadrat bar?

6. Mi'sallardi' sheshin':

58 − 4	47 + 2	60 − 3	36 + 4
58 − 40	47 + 20	60 − 30	36 + 40

7. Birinshi fermer xojali'g'i' 15 taza traktor, yekinshisi wonnan 4 ke ko'p traktor sati'p aldi'. Yekinshi fermer xojali'g'i' neshe taza traktor sati'p alg'an?

SANLI' AN'LATPALARDI' SALI'STI'RI'W

1. Bul ten'sizlikler qalay payda bolg'an?

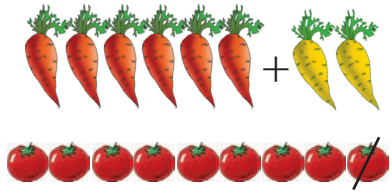
4+3 > 4+2
7 > 6

4−3 < 4−2
1 < 2

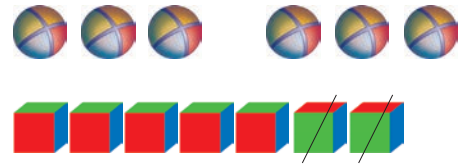
2. Bir bag'anag'a sanlar qosi'ndi'si'n, yekinshi bag'anag'a sanlar ayi'rmasi'n jazi'n'. Bul sanli' an'latpalardi'n' ma'nisin tabi'n':

58−40 | 57+3 | 78−6 | 40+14 | 70+23 | 20−3

3. Ma'sele du'zin' ha'm wolardi' sheshin':



6+2 □ 9–1
8 □ 8



3+3 □ 7–2
6 □ 5

4. Qi'sqa jazi'w boyi'nsha ma'sele du'zin' ha'm sheshin':

1) Bar yedi — 9 vertolyot
Ushi'p ketti — ? vertolyot
Qaldi' — 5 vertolyot

2) Bar yedi — 15 / su't
Paydalani'ldi' — 4 / ha'm 3 / su't
Qaldi' — ? / su't

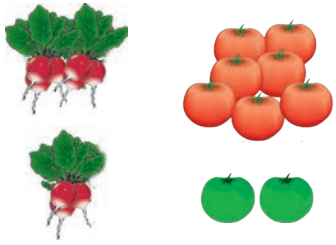
5. 75 dm − 25 dm 55 sm + 35 sm
45 sm + 35 sm 52 dm − 24 dm

6. Mektep sport jari'si' ushi'n 49 sport kiyimi ali'p kelindi. Solardan 20 si' baslawi'sh klass woqi'wshi'lari' ushi'n aji'rati'ldi'. Joqari' klass woqi'wshi'lari' ushi'n neshe sport kiyimi qaldi'?

7.

37+ 2	78− 4	26+ 4	60− 3
37+20	78−40	26+40	60−30

1. Su'wret boyi'nsha mi'sallardi'n' sheshimin tabi'n' ha'm wolardi' sali'sti'ri'n':

1) 

$6+3 \square 7+2$

2)

$8-3 \square 5-1$

2. An'latpalar du'zin' ha'm wolardi'n' ma'nisin tabi'n':
35 penen 13 tin' qosi'ndi'si'; 47 menen 24 tin' ayi'rmasi'; 53 penen 15 tin' qosi'ndi'si'n.

3. Kesteden sheshimi birdey mi'sallardi' tabi'n':

$87+13$	$78+22$	$48+32$	$35+25$
$75+15$	$90-10$	$67+33$	$20+20$
$53+37$	$64+26$	$90-50$	$78-18$

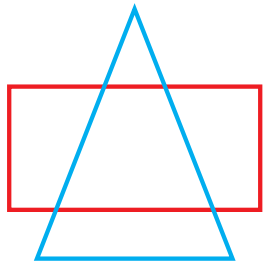
4. Su'wretten paydalani'p: $4+7$, $4+10$, $7-4$, $10-4$, $10-7$ an'latpalari' boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

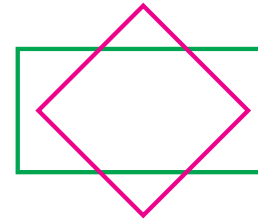
4 kg

7 kg

10 kg

5. Figuralardi' da'pterin'izge si'zi'n' ha'm atlari'n jazi'n':





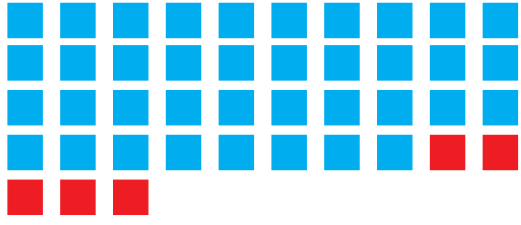
6. Avtomobil zavodi' birinshi ku'ni 47, yekinshi ku'ni 3 ke arti'q mashina islep shi'g'ardi'. Zavod yeki ku'nde neshe mashina islep shi'g'arg'an?

7. $50-23+17$ $\quad$ $37+23-30$ $\quad$ $87-64+23$

$40-18+12$ $\quad$ $55+14-29$ $\quad$ $95-52+13$

1. $38+5=\square\square$

5 sani'n qalay qosqani'n'i'zdi' su'wretten payda-lani'p tu'sindirin':



$38+5=\square\square$

2 $\quad$ 3

$38+5=38+2+3=(38+2)+3=40+3=43$

2. Tu'sindirip sheshin':

57+8=57+3+5=(57+3)+5=60+5=65

3 5

29+4 = 1 3

64+7 = 6 1

48+9 = 2 7

35+6 = 5 1

3. Mektep ha'wlisinde 38 tu'p alma na'li bar yedi. Ja'ne 4 tu'p anar ha'm 5 tu'p shiye na'li yegildi. Mektep ha'wlisine uluwma neshe tu'p miywe na'li yegilgen?

4. U'lgi boyi'nsha wori'nlan': 26=20+6.

54=50+□ 65=□□+□ 89=□□+□

78=70+□ 29=□□+□ 37=□□+□

43=40+□ 97=□□+□ 32=□□+□

5. Yeki kesindi si'zi'n': birinin' uzi'nli'g'i' 8 sm, yekinshisi wonnan 3 sm uzi'n bolsi'n. Yekinshi kesindinin' uzi'nli'g'i' qansha?

6. 40 sm + 20 sm 50 dm − 10 dm

20 dm + 20 dm 70 sm − 30 sm

7. Qi'sqa jazi'w boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

Bar yedi — 39 stol
Ali'p kelindi — 4 stol
) ? stol

8. 45+7 34+7 57+5 16+7

29+9 59+6 86+5 65+8

1. Mi'sallardi'n' sheshiliwin tu'sindirin':

$29+6=\underline{29+1}+5=(29+1)+5=30+5=35$

1 5

$46+4=\square\square$ $58+2=\square\square$ $67+3=\square\square$

$46+7=\square\square$ $58+7=\square\square$ $67+5=\square\square$

4 3 2 5 3 2

2. Du'kang'a 59 yeki ha'm u'sh do'n'gelekli velosiped ali'p kelindi. U'sh do'n'gelekli velosiped 29 bolsa, neshe yeki do'n'gelekli velosiped ali'p kelingen?

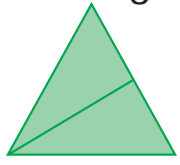
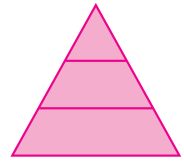
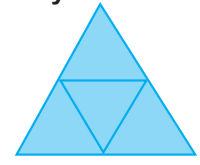
3. A'mel belgilerin ten'likler duri's bolatug'i'nday yetip qoyi'n':

$30\square 7=37$	$53\square 3=50$	$70\square 9=79$
$20\square 6=26$	$47\square 7=40$	$96\square 6=90$
$80\square 8=88$	$60\square 1=61$	$85\square 5=80$

4. Keste boyi'nsha berilgen mi'sallardi' sheshin':

$25+6$	$96-6$	$42+9$	$18-9$
$67+8$	$84+7$	$68-8$	$59+6$
$59-9$	$38+5$	$39+4$	$16-8$

5. Ha'rbir figurada neshe u'shmu'yeshlikten bar?

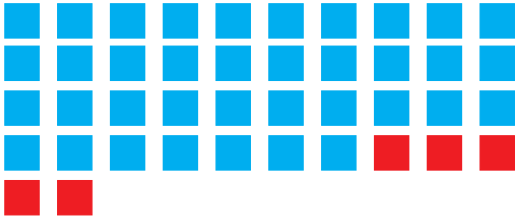




6. I'ssi'xanada 39 roza gu'l ashi'lg'an yedi. Keshke shekem ja'ne 6 roza gu'l ashi'ldi'. I'ssi'xanada barli'g'i' boli'p neshe roza gu'l ashi'lg'an?

7.

35+7	28+7	45+0	75−5
38+5	69+3	54−0	29+6

1. Mi'saldi'n' sheshiliwin tu'sindirin': 42−5=□□



42−5=□□

2 3

42−5=42−2−3=(42−2)−3=40−3=37

2. Tu'sindirip sheshin':

57−9=57−7−2=(57−7)−2=50−2=48

7 2

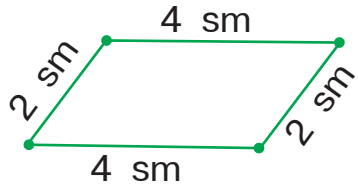
65−7	87−9	42−6	97−8
5 2	7 2	2 4	7 1

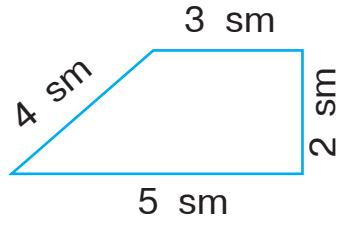
3.

89 sm □ 8 dm 9 sm	57 sm □ 5 dm 7 sm
62 sm □ 6 dm 2 sm	43 dm □ 4 dm 3 sm

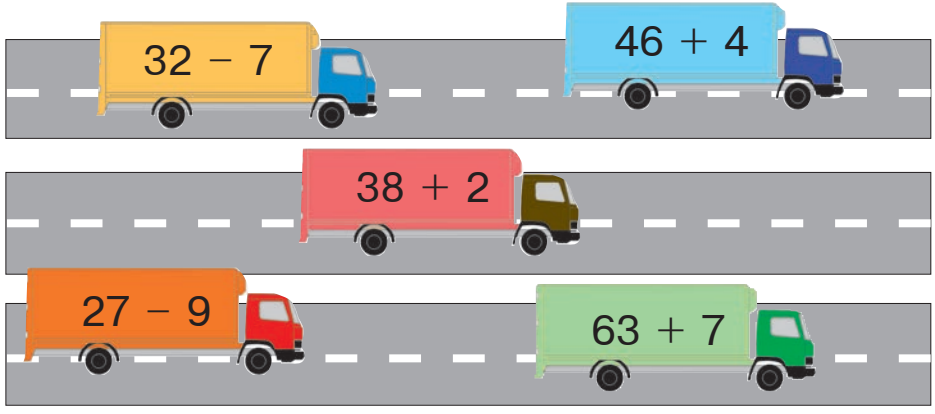
4. Jas tamashago'yler teatri'na birinshi avtobusta 35, yekinshi avtobusta bolsa 5 ke kem woqi'wshi' bardi'. Jas tamashago'yler teatri'na barli'g'i' boli'p neshe woqi'wshi' barg'an?

5. Figuralardi'n' neshewden ta'repi bar, wolardi'n' ati'n ayti'n'. Ha'rbir figurani'n' perimetrin tabi'n':





6. Mi'sallardi' tu'sindirip sheshin':



7. 63, 72, 86, 47 sanlari'n u'lgide ko'rsetilgendey yetip qosi'ndi' menen almasti'ri'n': 59=50+9

8. Sonday san qoyi'n', na'tiyjede ten'lik duri's bolsi'n:

48+□=53	85–□=80	59–□=50
39+□=46	63–□=60	23–□=20
53+□=62	79–□=70	98–□=90

1. Mi'saldi'n' sheshiliwin tu'sindirin':

71−8 1 7	71−8=(71−1)−7=70−7=63

64−4=□□	87−7=□□	38−8=□□
64−7=□□	87−9=□□	38−9=□□
4 3	7 2	8 1

2. Du'kanda 54 jup hayallar ayaq kiyimi, wonnan 7 jup kem yer adamlar ayaq kiyimi sati'ldi'. Neshe jup yer adamlar ayaq kiyimi sati'lg'an?

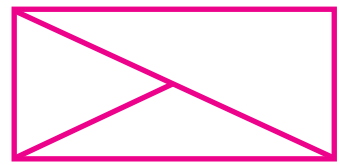
3.

43+8	18−9	32−7	54−8
64−7	16−9	13−7	73−9

4. Qawsi'rmalardi' sonday yetip qoyi'n', na'tiyje duri's bolsi'n:

50−7+3=40 99−70+9=20 50−22+8=20

5. Figuralardi' da'pterin'izge si'zi'n' ha'm wolardag'i' u'shmu'yeshlikler sani'n ani'qlan'.



6. Qoymada 42 qalta ma'kke bar yedi. Tu'ske shekem 5 qalta, tu'sten keyin 4 qalta ma'kke du'kang'a jiberildi. Qoymada neshe qalta ma'kke qaldi'?

7.

42–2	57–7	27+ 2	38+ 2
42–7	57–9	27+20	38+20

1. Mi'sallardi'n' sheshiliwin tu'sindirin':

37+48=□□

37 + 48=□□

30 7 40 8

30+40=70

7+ 8=15

70+15=85

37+53=□□

37 + 53=□□

30 7 50 3

30+50=80

7+ 3=10

80+10=90

yamasa

37+48=(30+7)+(40+8)=(30+40)+(7+8)=
=70+15=85

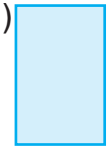
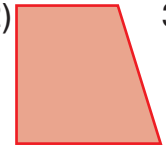
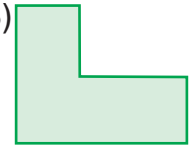
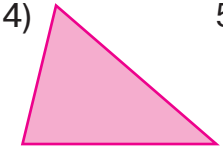
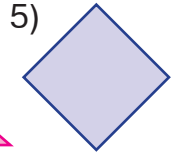
Yeki tan'bali' sandi' yeki tan'bali' sang'a qosi'wda wonli'qlar wonli'qlarg'a, birlikler birliklerge qosi'ladi'.

2. Joqari' klass woqi'wshi'lari' 27 gu'rrin' ha'm 38 qosi'q kitaplari'n won'ladi'. Woqi'wshi'lar barli'g'i' boli'p neshe kitap won'lag'an?

3. Sanlardi' tan'ba birliklerinin' qosi'ndi'si' ko'rinisinde an'lati'n'.

37=30+7	87=80+□	15=10+□
48=40+□	13=10+□	38=30+□

4. Berilgen figuralar arasi'nan tuwri'mu'yeshliklerdi tabi'n' ha'm wolardi'n' nomerlerin ayti'n'.

1)  2)  3)  4)  5) 

5. Qi'sqa jazi'w boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

1-i'di'sta — 17 *l* may
2-i'di'sta — 28 *l* may
) ? litr may

6. Woyi'nshi'q jasaw ustaxanasi'nda jumi'sshi'lar bir ha'ptede 37 quwi'rshaq, 53 ayi'w jasadi'. Ustaxana jumi'sshi'lari' bir ha'ptede barli'g'i' boli'p neshe woyi'nshi'q jasag'an?

7.

27+18	42−5	32+16	27+33
45−23	38+5	43+20	47+28

1. Mi'saldi'n' sheshiliwin tu'sindirin':

87+13=□□□
80+10= 90
7+ 3 = 10
90+10=100 yamasa
87 + 13 =(80+10)+(7+3)=90+10=100
80 7 10 3

2. Asxanag'a 57 u'lken, 43 kishi shaynek ali'p kelindi. Asxanag'a barli'g'i' boli'p neshe shaynek ali'p kelingen?

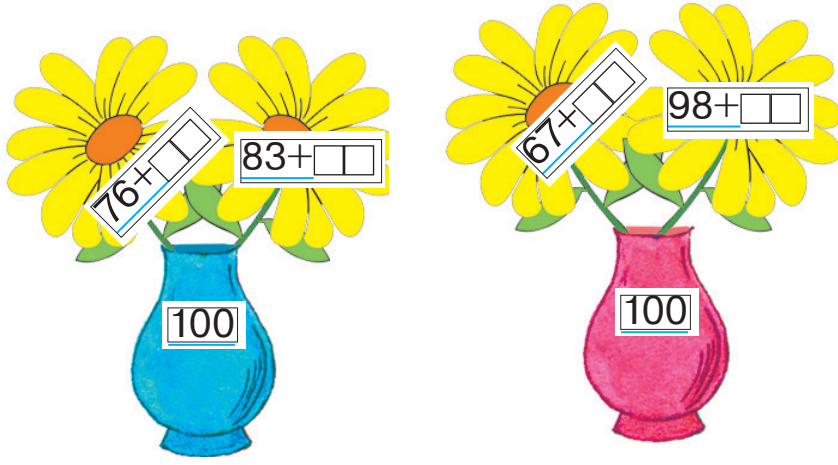
3. 76+24 57–26 67+33 63–24

52+48 45+23 78+22 53+37

4. Qi'sqa jazi'w boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

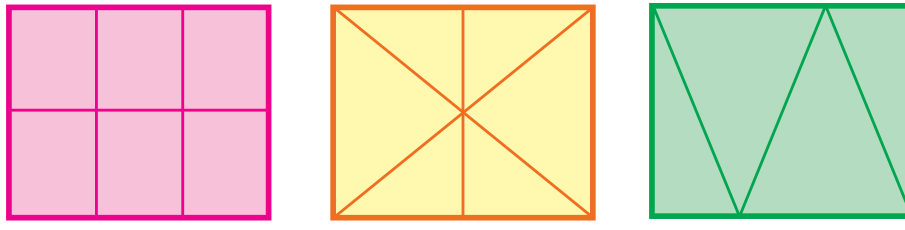
Biyday — 47 qapshi'q
Arpa — 43 qapshi'q
} ? qapshi'q da'n

5. Mi'sallardi' u'lgi boyi'nsha sheshin':



U'lgi: 76 + 24 = 100.

6. Qanday figuralardi' ko'rip tursi'z? Da'pterin'izge si'zi'n' ha'm wolardi' boyan'.



7. Sali'sti'ri'n':

37+63□99	17+43□ 60	67+13□87
47+28□90	83+17□100	26+14□37

8. Ustaxana ushi'n 24 sho'kkish, 26 qol pi'shqi' sati'p ali'ndi'. Ustaxana ushi'n barli'g'i' boli'p neshe jumi's a'sbaplari' sati'p ali'ng'an?

1. Mi'saldi'n' sheshiliwin tu'sindirin': 42 − 15 = □□

42−15=(42−10)−5=32−5=27

10 5

2. Mi'sallardi' qolayli' usi'l menen sheshin':

52−14	32−17	63−26
10 4	10 7	20 6

3. Balalar baqshasi'na 52 *l* su't ali'p kelindi. Azang'i' awqatta 25 *l* su't jumsaldi'. Neshe litr su't qaldi'?

4. Su'wret boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

17 kg alma

?, 11 kg kem

5. Kerekli jerlerine qawsi'rmalardi' sonday yetip qoyi'n', na'tiyjede duri's ten'lik payda bolsi'n:

80−50+10=20 100−40+50=10
40−10+20=10 90−40+20=30

6. Tiginshiler bir ku'nde 32 aq tu'te sabaq, wonnan 15 ke kem qara tu'te sabaqtan paydalandi'. Bir ku'nde ja'mi neshe tu'te sabaq paydalani'lg'an?

7. 38+5 37+33 52−25 32−15
42−5 37+43 87+13 90−50

WO'TILGENLERDI BEKKEMLEW

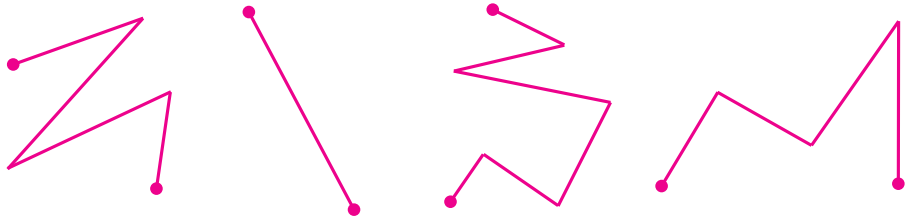
1. Keste boyi'nsha mi'sallar du'zin' ha'm wolardi' sheshin':

Qosi'li'wshi'	67	57	38	37	87	37	43
Qosi'li'wshi'	3	32	5	48	13	53	27
Qosi'ndi'							

2. «Neksiya» avtomobilinin' ba'gine 42 litr, Spark avtomobilinin' ba'gine bolsa wonnan 5 litr kem benzin quyi'ldi'. «Spark» avtomobilinin' ba'gine neshe litr benzin quyi'lg'an?

3. 75 sm + 25 sm 64 dm + 26 dm
90 dm − 53 dm 90 sm − 37 sm

4. Bul si'zi'qlardi'n' qaysi' birin si'ni'q si'zi'q dep ayti'w mu'mkin?



5.

29+6	74−9	28+7	63−7
42−6	54+7	67−8	14+8

6. Bir bo'lek halwa 17 kg, yekinshi bo'lek halwa wonnan 8 kg kem. Yekinshi bo'lek halwa neshe kilogramm?

7.

58− 4	47+ 2	60− 3	36+ 4
58−40	47+20	60−30	36+40

JAZBA QOSI'W HA'M ALI'W

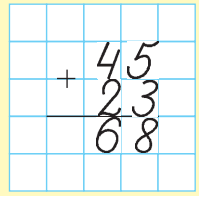
1. Mi'sallardi'n' sheshiliwin tu'sindirin': 45+23=□□

Wonl.	Birl.
4	5
+ 2	3
6	8

45 + 23 = (40 + 20) + (5 + 3)= = 60 + 8 = 68

Mi'sal bag'ana tu'rinde jazi'p sheshiledi.

1. Wonli'qlar wonli'qlardi'n' asti'na, birlikler birliklerdin' asti'na jazi'ladi'.
2. Da'slep birlikler birliklerge qosi'ladi'.
   5 birl. + 3 birl. = 8 birl.
   8 birliklerdin' asti'na jazi'ladi'.
3. Son' wonli'qlar wonli'qlarg'a qosi'ladi'.



4 wonl. + 2 wonl. = 6 wonl.
6 wonli'qlardi'n' asti'na jazi'ladi'.

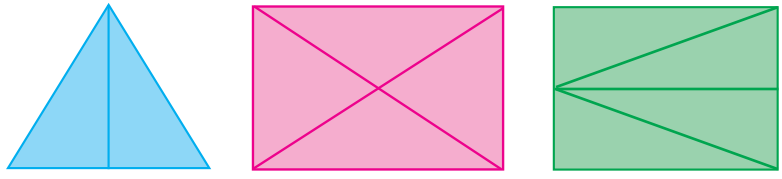
4. Juwabi': 45 penen 23 tin' qosi'ndi'si' 68 ge ten'.

2. Mi'sallardi' tu'sindirip sheshin':

$$\begin{array}{r} 55 \\ +\ 14 \\ \hline \end{array} \qquad \begin{array}{r} 45 \\ +\ 23 \\ \hline \end{array} \qquad \begin{array}{r} 62 \\ +\ 27 \\ \hline \end{array} \qquad \begin{array}{r} 73 \\ +\ 25 \\ \hline \end{array} \qquad \begin{array}{r} 53 \\ +\ 42 \\ \hline \end{array}$$

3. Jas naturalistler i'ssi'xanada bir tu'pten 35 dana, yekinshi tu'pten 13 dana limon u'zdi. Jas naturalistler yeki tu'pten neshe limon u'zgen?

4. Ha'rbir figurada neshe u'shmu'yeshlikten bar?



5. Qi'sqa jazi'w boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

1-woramda — 25 m
2-woramda — 15 m
3-woramda — ? m

48 metr arqan

6. Tu'sirilip qaldi'ri'lg'an taq sanlardi' jazi'n':
19, 21, ..., ..., 27, ..., 31.

7.

$$\begin{array}{r} 43 \\ +\ 16 \\ \hline \end{array} \qquad \begin{array}{r} 32 \\ +\ 27 \\ \hline \end{array} \qquad \begin{array}{r} 54 \\ +\ 33 \\ \hline \end{array} \qquad \begin{array}{r} 67 \\ +\ 12 \\ \hline \end{array} \qquad \begin{array}{r} 82 \\ +\ 13 \\ \hline \end{array}$$

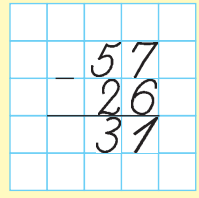
1. Mi'saldi'n' sheshiliwin tu'sindirin': $57-26=\square\square$

Wonl.	Birl.
5	7
− 2	6
3	1

57–26=(57–20)–6=37–6=31

Mi'sal bag'ana tu'rinde jazi'p sheshiledi.

1. Wonli'qlar wonli'qlardi'n' asti'na, birlikler birliklerdin' asti'na jazi'ladi'.
2. Birliklerden birlikler ali'nadi'.
   7 birl. − 6 birl. = 1 birl.
   1 birlikler asti'na jazi'ladi'.
3. Wonli'qlardan wonli'qlar ali'nadi'.
   5 wonl. − 2 wonl. = 3 wonl.
   3 wonli'qlar asti'na jazi'ladi'.
4. Juwabi': 57 menen 26 ni'n' ayi'rmasi' 31 ge ten'.

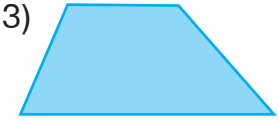


2.

47 − 16	75 − 32	42 + 14	87 − 13	62 + 16

3. Juwi'ri'w jari'si'na 37, uzi'nli'qqa sekiriw jari'si'na wonnan 16 woqi'wshi' kem qatnasti'. Uzi'nli'qqa sekiriw jari'si'na neshe woqi'wshi' qatnasqan?

4. Figuralardi' da'pterin'izge si'zi'n' ha'm ati'n jazi'n'.

1)
2)
3) 
4)

5. Mi'sallardi' qolayli' usi'l menen yesaplan':
1) 50 menen 7 nin' qosi'ndi'si'nan 26 ni' ali'n';
2) 40 penen 5 tin' qosi'ndi'si'na 5 ti qosi'n'.

6. Bazarg'a sati'w ushi'n 47 yashik alma ha'm wonnan 13 yashik kem shabdal ali'p kelindi. Bazarg'a neshe yashik shabdal ali'p kelingen?

7.

67	57	96	48	77
+ 46	+ 35	+ 82	+ 32	+ 65

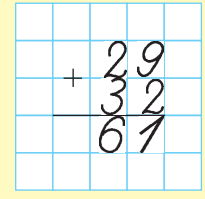
1. Mi'saldi'n' sheshiliwin tu'sindirin': $29+32=\square\square$

Wonl.	Birl.
2	9
+ 3	2
6	1

$29+32=(20+30)+(9+2)=50+11=61$

Mi'sal bag'ana tu'rinde jazi'p sheshiledi.

1. Wonli'qlar wonli'qlardi'n' asti'na, birlikler birliklerdin' asti'na jazi'ladi'.
2. Birlikler birliklerge qosi'ladi'.
   9 birl. + 2 birl. = 11 birl.
   11 birl. — bu 1 wonl. ha'm 1 birl.
   Birlikler asti'na 1 di jazi'p,
   1 wonli'qti' wonli'qlarg'a qosi'p jazi'w ushi'n yadta saqlap qali'nadi'.
3. Wonli'q wonli'qqa qosi'ladi'.
   2 wonl. + 3 wonl. = 5 wonl.
   5 wonl. + 1 wonl. = 6 wonl.
   Wonli'qlardi'n' asti'na 6 jazi'ladi'.
4. Juwabi': 29 benen 32 nin' qosi'ndi'si' 61 ge ten'.



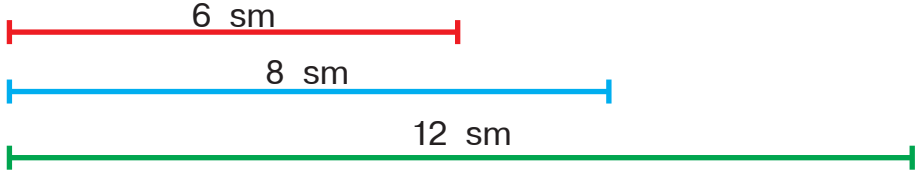
2. Mi'sallardi' tu'sindirip sheshin':

$$\begin{array}{r} 74 \\ +\,19 \\ \hline \end{array} \qquad \begin{array}{r} 69 \\ +\,23 \\ \hline \end{array} \qquad \begin{array}{r} 87 \\ -\,13 \\ \hline \end{array} \qquad \begin{array}{r} 59 \\ +\,17 \\ \hline \end{array} \qquad \begin{array}{r} 93 \\ -\,42 \\ \hline \end{array}$$

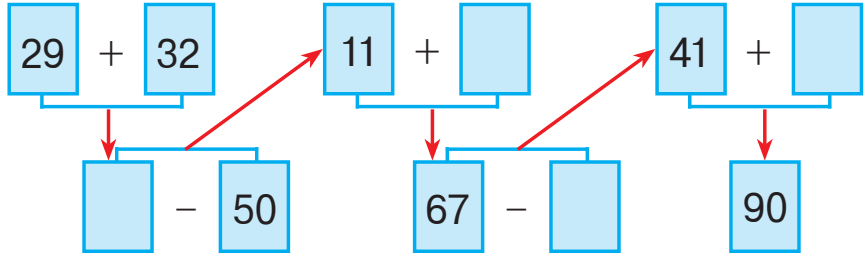
3. Qi'sqa jazi'w boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

Muzi'ka do'geregine — 53 woqi'wshi'
Su'wretlew wo'neri do'geregine — 37 woqi'wshi' } ?

4. Birinshi kesindi yekinshi kesindiden neshe santimetr qi'sqa? U'shinshi kesindi yekinshi kesindiden neshe santimetr uzi'n?



5. Mi'sallardi' tu'sindirip sheshin':



U'lgi: 1) 29 + 32 = 61 2) 61 – 50 = 11

6. Bir xojali'qta 29 kg kapusta, wonnan 9 kg kem qi'yar, qi'yardan 12 kg arti'q pomidor duzlandi'. Neshe kilogramm pomidor duzlang'an?

7.

$$\begin{array}{r} 59 \\ +\,12 \\ \hline \end{array} \qquad \begin{array}{r} 28 \\ +\,23 \\ \hline \end{array} \qquad \begin{array}{r} 78 \\ -\,55 \\ \hline \end{array} \qquad \begin{array}{r} 67 \\ -\,34 \\ \hline \end{array} \qquad \begin{array}{r} 49 \\ +\,32 \\ \hline \end{array}$$

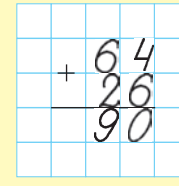
1. Mi'sallardi'n' sheshiliwin tu'sindirin': $64+26=\square\square$

Wonl.	Birl.
6	4
+ 2	6
9	0

64+26=(60+20)+(4+6)=80+10=90

Mi'sal bag'ana tu'rinde jazi'p sheshiledi.

1. Wonli'qlar wonli'qlardi'n' asti'na, birlikler birliklerdin' asti'na jazi'ladi'.
2. Birlikler birliklerge qosi'ladi'.
   4 birl. + 6 birl. = 10 birl.
   Birlikler asti'na 0 di jazi'p, 1 wonli'qti' wonli'qlarg'a qosi'p jazi'w ushi'n yadta saqlap qali'nadi'.
3. Wonli'q wonli'qqa qosi'ladi'.
   6 wonl. + 2 wonl. = 8 wonl.
   8 wonl. + 1 wonl. = 9 wonl.
   Wonli'qlardi'n' asti'na 9 jazi'ladi'.
4. Juwabi': 64 penen 26 ni'n' qosi'ndi'si' 90 g'a ten'.

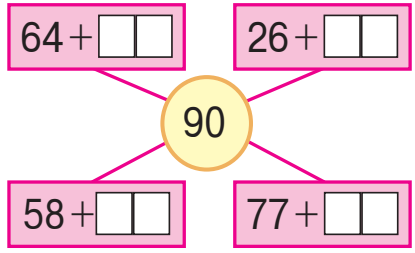


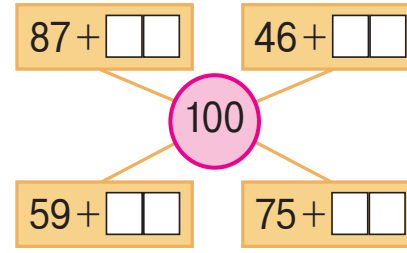
2. Mi'sallardi' tu'sindirip sheshin':

$\begin{array}{r} 77 \\ +\ 13 \\ \hline \end{array}$ $\begin{array}{r} 54 \\ +\ 36 \\ \hline \end{array}$ $\begin{array}{r} 47 \\ -\ 16 \\ \hline \end{array}$ $\begin{array}{r} 74 \\ +\ 16 \\ \hline \end{array}$ $\begin{array}{r} 88 \\ -\ 27 \\ \hline \end{array}$

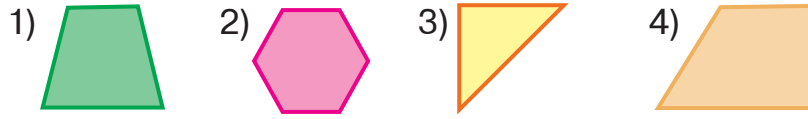
3. Bir ayda tawi'qlar ushi'n 34 kg, g'azlar ushi'n 26 kg da'n sarplandi'. Bir ayda barli'g'i' boli'p qansha da'n sarplang'an?

4. Mi'sallardi' sheshin':





5. Figuralardi'n' atlari'n jazi'n'.



6. Ji'l dawami'nda bir awi'lda 29, yekinshi awi'lda 22 tazadan jaylar sali'ndi'. Yeki awi'lda bir ji'lda barli'g'i' boli'p neshe jay tazadan sali'ng'an?

7. Mi'sallardi' bag'ana tu'rinde jazi'n' ha'm a'mellerdi wori'nlan':

72+21	90−58	53+37	46+24
69−27	56+34	48−16	87−66

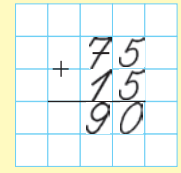
1. Mi'saldi'n' sheshiliwin tu'sindirin': 75 + 15 = □□

Wonl.	Birl.
7	5
+ 1	5
9	0

75+15=(70+10)+(5+5)=80+10=90

Mi'sal bag'ana tu'rinde jazi'p sheshiledi.

1. Wonli'qlar wonli'qlardi'n' asti'na, birlikler birliklerdin' asti'na jazi'ladi'.
2. Birlikler birliklerge qosi'ladi'.
   5 birl. + 5 birl. = 10 birl.
   10 birl. — bu 1 wonl. ha'm 0 birl.
   Birliklerdin' asti'na 0 di jazi'p, 1 wonli'qti' wonli'qlarg'a qosi'p jazi'w ushi'n yadta saqlap qali'nadi'.
3. Wonli'q wonli'qqa qosi'ladi'.
   7 wonl. + 1 wonl. = 8 wonl.
   8 wonl. + 1 wonl. = 9 wonl.
   Wonli'qlardi'n' asti'na 9 jazi'ladi'.



4. Juwabi': 75 penen 15 tin' qosi'ndi'si' 90 g'a ten'.

2. $\begin{array}{r} 65 \\ +\,25 \\ \hline \end{array}$ $\begin{array}{r} 90 \\ -\,40 \\ \hline \end{array}$ $\begin{array}{r} 45 \\ +\,45 \\ \hline \end{array}$ $\begin{array}{r} 84 \\ -\,72 \\ \hline \end{array}$ $\begin{array}{r} 55 \\ +\,35 \\ \hline \end{array}$

3. U'sh buwi'nnan ibarat si'ni'q si'zi'q si'zi'n': Birinshi buwi'nni'n' uzi'nli'g'i' 3 sm, yekinshisi 2 sm, u'shinshisi bolsa 4 sm bolsi'n. Birinshi buwi'n yekinshi buwi'nnan neshe santimetrge uzi'n, yekinshi buwi'n bolsa u'shinshi buwi'nnan neshe santimetrge qi'sqa?

4. Keste boyi'nsha mi'sal du'zin' ha'm woni' sheshin':

Bar yedi	Ali'p kelindi	Barli'g'i'
20 litr benzin	Ja'ne 20 litr benzin	? litr

5. A’mel belgilerin ten’likler duri’s bolatug’i’nday yetip qoyi’n’:

32□29=61 45□23=68 87□13=100

57□26=31 42□15=27 37□53= 90

6. Mebel du’kani’na 25 stol, 15 shkaf ali’p kelindi. Du’kang’a barli’g’i’ boli’p neshe mebel ali’p kelingen?

7.

$$\begin{array}{r} 58 \\ +\,32 \\ \hline \end{array} \qquad \begin{array}{r} 69 \\ -\,39 \\ \hline \end{array} \qquad \begin{array}{r} 67 \\ +\,23 \\ \hline \end{array} \qquad \begin{array}{r} 90 \\ -\,40 \\ \hline \end{array} \qquad \begin{array}{r} 47 \\ +\,43 \\ \hline \end{array}$$

1. Mektep kitapxanasi’na 38 gu’rrin’, 27 yertek kitap ali’p kelindi. Kitapxanag’a barli’g’i’ boli’p neshe kitap ali’p kelingen?

2. Mi’sallardi’n’ sheshimin tabi’n’:

65+25

32−5

48+5

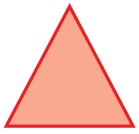
57−26

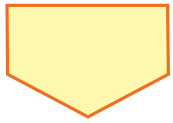
3. Haywanat bag’i’ndag’i’ yeki akvariumda bali’qlar bar. Wolardi’n’ birinde 20 bali’q, yekinshisinde birinshi akvariumdegiden 5 ke kem bali’q bar. Yekinshi akvariumda neshe bali’q bar?

4.

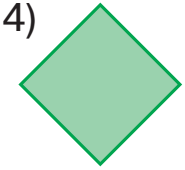
37 + 48	65 + 27	39 + 37	96 − 14	83 − 42

5. Ha'rbir ko'pmu'yeshliktin' neshe ta'repi, neshe mu'yeshi, neshe to'besi bar?

1) 

2) 

3)

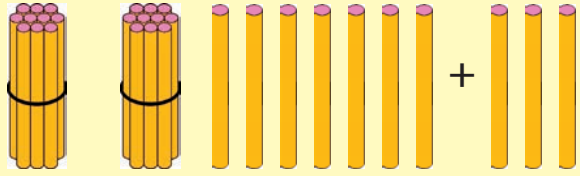
4) 

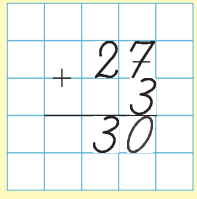
6. Tu'sirilip qaldi'ri'lg'an jup sanlardi' jazi'n':
18, 20, ..., ..., 26, ..., 30.

7. Mi'sallardi' bag'ana tu'rinde jazi'n', a'mellerdi wori'nlan':

32+48	56−31	32+29	21+52
96−64	61+28	57−26	36−21

1. Mi'saldi'n' sheshiliwin tu'sindirin': 27+3=□□





1. Birlikler birliklerge qosi'ladi'.
   7 birl. + 3 birl. = 10 birl.
   10 birl. — bu 1 wonl. ha'm 0 birl. Birliklerdin' asti'na 0 di jazi'p, 1 wonli'q wonli'qlardi'n' asti'na qosi'p jazi'ladi'.
2. Wonli'qqa 1 wonli'qti' qosi'p jazi'ladi'.
   2 wonl. + 1 wonl. = 3 wonl.
3. Juwabi': 27 menen 3 tin' qosi'ndi'si' 30 g'a ten'.

2. Mi'sallardi' tu'sindirip sheshin':

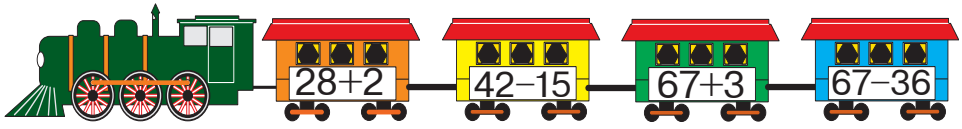
$$\begin{array}{r} 47 \\ +\ 3 \\ \hline \end{array} \qquad \begin{array}{r} 67 \\ -\ 13 \\ \hline \end{array} \qquad \begin{array}{r} 58 \\ +\ 2 \\ \hline \end{array} \qquad \begin{array}{r} 76 \\ +\ 4 \\ \hline \end{array} \qquad \begin{array}{r} 54 \\ -\ 33 \\ \hline \end{array}$$

3. Kitap tekshesinin' birinshi qatari'na 37, yekinshi qatari'na wonnan 3 ke arti'q kitap taqlandi'. Kitap tekshesinin' yeki qatari'nda barli'g'i' boli'p neshe kitap taqlang'an?

4. Qi'sqa jazi'w boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

Qara qoy — 17
Qon'i'r qoy — ?, 3 ke arti'q) ?

5. Mi'sallardi'n' sheshimin wo'siw ta'rtibinde jazi'n':



6. Kitap 18 betten ibarat. Islam kitapti'n' 9 betin woqi'di'. Wol ja'ne neshe bet woqi'wi' kerek?

7.

62+8	56−36	57+3	46+4
97+3	87−46	38+2	24+6

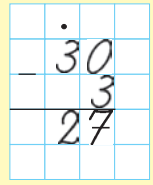
1. Mi'saldi'n' sheshiliwin tu'sindirin': $30-3=\square\square$

Wonl.	Birl.
3	0
	3
2	7

$$30-3=20+(10-3)=20+7=27$$

Mi'sal bag'ana tu'rinde jazi'p sheshiledi.

1. Birliklerden birlikler ali'nadi'.
   0 den 3 ti ali'wg'a bolmaydi'. 3 wonli'qtan 1 wonli'qti' alami'z (umi'ti'p qalmaw ushi'n 3 cifri'ni'n' u'stine noqat qoyi'ladi').
   1 wonli'q = 10 birlik
   10 birl. – 3 birl. = 7 birl.
   Birliklerdin' asti'na 7 jazi'ladi'.

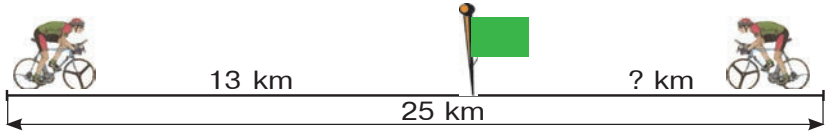


2. Wonli'qlardan wonli'q ali'nadi'.
   3 wonli'q bar yedi, wonnan birliklerdi ali'w ushi'n 1 wonli'qti' aldi'q. 2 wonli'q qaldi'.
   Wonli'qlardi'n' asti'na 2 jazi'ladi'.
3. Juwabi': 30 benen 3 tin' ayi'rmasi' 27 ge ten'.

2. Mi'sallardi' bag'ana tu'rinde jazi'n' ha'm yesaplan':

40 – 6 50 – 4 80 – 8 27 + 3

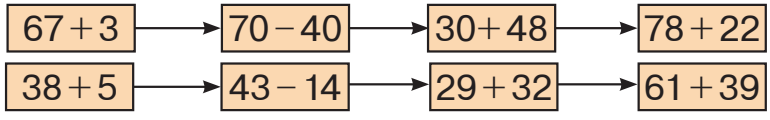
3. Yeki awi'l arasi'ndag'i' arali'q 25 km. Velosipedshiler bir-birine qarap jolg'a shi'qti'. Wolardan biri ushi'rasqanda 13 km joldi' basi'p wo'tti. Yekinshi velosipedshi qansha jol ju'rgen?



4. Qolayli' usi'l menen yesaplan':

6+4–10 8+9+1 50+40+7

5. Mi'sallardi'n' sheshiliwin tu'sindirin':



6. Tashkentke ushi'p kelgen samolyotta 50, yekinshi samolyotta bolsa 4 ke kem sayaxatshi' keldi. Yeki samolyotta neshe sayaxatshi' kelgen?

7. Mi'sallardi' bag'ana tu'rinde jazi'p yesaplan':
20−3 24+6 75+15 90−8

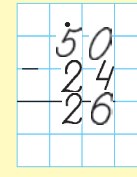
1. Mi'saldi'n' sheshiliwin tu'sindirin': 50−24=□□

Wonl.	Birl.
5	0
2	4
2	6

50−24=(50−20)−4=30−4=26

Mi'sal bag'ana tu'rinde jazi'p sheshiledi.

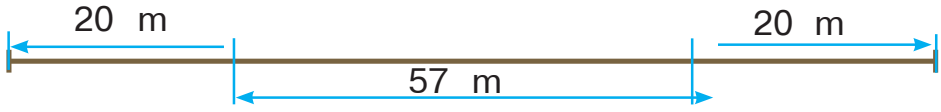
1. Birliklerden birlikler ali'nadi'.
   0 den 4 ti ali'wg'a bolmaydi'. 5 wonli'qtan 1 wonli'qti' alami'z (umi'ti'p qalmaw ushi'n 5 cifri'ni'n' u'stine noqat qoyi'ladi').
   1 wonli'q = 10 birlik
   10 birl. − 4 birl. = 6 birl.
   Birliklerdin' asti'na 6 jazi'ladi'.
2. Wonli'qlardan wonli'qlar ali'nadi'.
   5 wonli'q bar yedi, biraq birliklerdi ali'w ushi'n 1 wonli'qti' aldi'q. 4 wonli'q qaldi'.
   4 wonl. − 2 wonl. = 2 wonl.
   Wonli'qlardi'n' asti'na 2 jazi'ladi'.
3. Juwabi': 50 menen 24 tin' ayi'rmasi' 26 g'a ten'.



2.

$$\begin{array}{r} 70 \\ -\ 34 \\ \hline \end{array} \qquad \begin{array}{r} 45 \\ +\ 23 \\ \hline \end{array} \qquad \begin{array}{r} 80 \\ -\ 54 \\ \hline \end{array} \qquad \begin{array}{r} 75 \\ +\ 15 \\ \hline \end{array} \qquad \begin{array}{r} 30 \\ -\ 14 \\ \hline \end{array}$$

3. Akbar menen Anvar arasi'ndag'i' arali'q 57 m. Wolardi'n' ha'rbiri qarama-qarsi' ta'repke qarap 20 m juwi'rg'annan keyin, wolardi'n' arasi'ndag'i' arali'q qansha boladi'?



4.

Azayi'wshi'	30	40	60	70	50	80	90
Ali'ni'wshi'	16	15	27	36	34	56	48
Ayi'rma							

5. Mi'sallardi' u'lgide ko'rsetilgendey yetip sheshin':

$$14-6 \square 12-8$$
$$8 > 4$$
$$14-6 > 12-8$$

$38+5 \square 67+3 \qquad 42-5 \square 42-15 \qquad 25+13 \square 58-15$

6. Du'kanda 80 su'wret da'pteri bar yedi. Ku'n dawami'nda 36 su'wret da'pteri sati'ldi'. Du'kanda neshe su'wret da'pteri qalg'an?

7. Qawsi'rmalardi' sonday yetip qoyi'n', na'tiyjede ten'likler duri's bolsi'n.

$40-9+11=20$ $\quad$ $40-\ 6+2=32$

$40-9+11=42$ $\quad$ $60-20+7=33$

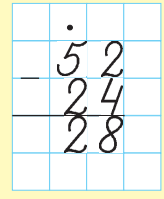
1. Mi'saldi'n' sheshiliwin tu'sindirin': $52-24=\square\square$

Wonl.	Birl.
5	2
− 2	4
2	8

$52-24=(52-20)-4=32-4=28$

Mi'sal bag'ana tu'rinde jazi'p sheshiledi.

1. Birliklerden birlikler ali'nadi'.
   2 birlikten 4 birlikti ali'wg'a bolmaydi'.
   5 wonli'qtan 1 wonli'qti' alami'z (umi'ti'p qalmaw ushi'n 5 cifri'ni'n' u'stine noqat qoyi'ladi').
   1 wonli'q ha'm 2 birlik — bul 12 birlik
   12 birl. − 4 birl. = 8 birl.
   Birliklerdin' asti'na 8 jazi'ladi'.
2. Wonli'qlardan wonli'q ali'nadi'.
   5 wonli'q bar yedi, wonnan birliklerdi ali'w ushi'n 1 wonli'qti' aldi'q. 4 wonli'q qaldi'.
   4 wonl. − 2 wonl. = 2 wonl. Wonli'qlardi'n' asti'na 2 jazi'ladi'.
3. Juwabi': 52 menen 24 tin' ayi'rmasi' 28 ge ten'.



2.

$\begin{array}{r} 63 \\ -\ 45 \\ \hline \end{array}$	$\begin{array}{r} 47 \\ +\ 35 \\ \hline \end{array}$	$\begin{array}{r} 72 \\ -\ 27 \\ \hline \end{array}$	$\begin{array}{r} 32 \\ +\ 24 \\ \hline \end{array}$	$\begin{array}{r} 80 \\ -\ 59 \\ \hline \end{array}$

3. Keste boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

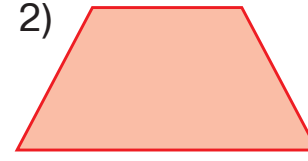
Bar yedi	Sati'ldi'	Qaldi'
50 qap gu'rish	tu'ske shekem — 25 qap tu'sten keyin — 20 qap	? qap

4. $80+15 \square 80+11$ $\quad$ $30-7 \square 20+3$

$52-24 \square 50-24$ $\quad$ $27-3 \square 27+3$

5. Ha'rbir figurani'n' ta'replerinin' uzi'nli'qlari'n wo'lshen':

1)

2) 

6. Bir xojali'qta 22, yekinshi xojali'qta wonnan 14 ke kem kombayn won'landi'. Yekinshi xojali'qta neshe kombayn won'lang'an?

7. Mi'sallardi' bag'ana tu'rinde jazi'n' ha'm a'mellerdi wori'nlan':

$32-14$	$64-12$	$52-34$	$40-4$
$60-34$	$55+35$	$48+22$	$20-6$

1. Mi'sallardi' tu'sindirip sheshin':

80 – (20 + 30)	(60 + 40) – 50	(43 + 27) + 9
70 – (30 + 30)	(60 – 40) + 40	(96 – 34) + 8

U'lgi: (50 + 30) – 20 = 60

$$\begin{array}{r} 50 \\ +\,30 \\ \hline 80 \end{array} \qquad \begin{array}{r} 80 \\ -\,20 \\ \hline 60 \end{array}$$

2. Du'kang'a sati'w ushi'n 42 li'ja ha'm shana ali'p kelindi. Wolardi'n' 24 i li'ja yedi. Du'kang'a neshe shana ali'p kelingen?

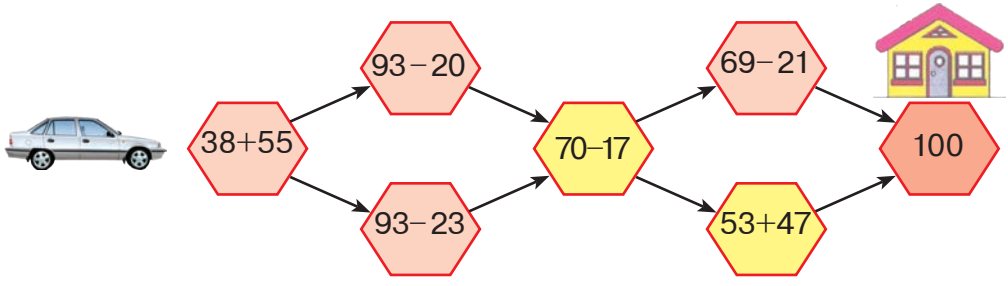
3.

55 sm + 25 sm	48 dm – 26 dm
64 dm – 32 dm	49 sm + 21 sm

4. Qi'sqa jazi'w boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

1-fermada – 30 si'yi'r
2-fermada – ?, 14 ke kem si'yi'r) ?

5. Ma'nzilge jetip bari'w ushi'n qaysi' jol qolayli'?



6. Yeki kesindi si'zi'n'. Birinin' uzi'nli'g'i' 12 sm, yekinshisi wonnan 4 sm qi'sqa bolsi'n. Yekinshi kesindinin' uzi'nli'g'i' qansha?

7.

$$\begin{array}{r} 65 \\ +\,25 \\ \hline \end{array} \qquad \begin{array}{r} 55 \\ +\,35 \\ \hline \end{array} \qquad \begin{array}{r} 86 \\ -\,24 \\ \hline \end{array} \qquad \begin{array}{r} 37 \\ +\,53 \\ \hline \end{array} \qquad \begin{array}{r} 98 \\ -\,17 \\ \hline \end{array}$$

WO'TILGENLERDI BEKKEMLEW

1. Bir top gezlemeden kostyumg'a 30 m, shalbarg'a 24 m, jen'siz tigiwge kostyum menen shalbar ushi'n qansha gezleme ketken bolsa, sonnan 34 m kem gezleme jumsaldi'. Jen'siz tigiw ushi'n qansha gezleme paydalani'lg'an?

Ma'seleni reje boyi'nsha sheshin':

1) Kostyum ha'm shalbarg'a qansha gezleme ketken? $30+24=$ □□ (metr gezleme)

2) Jen'siz tigiw ushi'n qansha gezleme ketken? $54-34=$ □□ (metr gezleme)

2. $42-15$ □ $57-26$ $\qquad$ $53+37$ □ $80-30$

$29+32$ □ $90-50$ $\qquad$ $64+25$ □ $47-26$

3. Keste boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

Qosi'li'wshi'	58	77	64	37	72	26	53
Qosi'li'wshi'	32	13	26	53	18	64	37
Qosi'ndi'							

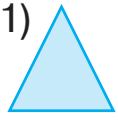
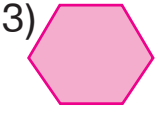
4. Mi'sallardi' u'lgide ko'rsetilgendey yetip wori'nlan':

$57 + 24 - 35 = 46$

$$\begin{array}{r} 57 \\ +\ 24 \\ \hline 81 \end{array} \qquad \begin{array}{r} 81 \\ -\ 35 \\ \hline 46 \end{array}$$

$47 + 12 - 25$	$90 - 55 + 14$	$68 + 13 - 35$
$68 - 12 + 10$	$80 - 37 + 17$	$57 + 13 - 23$

5. Ha'rbir figurani'n' neshe ta'repi ha'm mu'yeshi bar? Figuralardi'n' ati'n jazi'n'.

1)  2) 3)  4) 5)

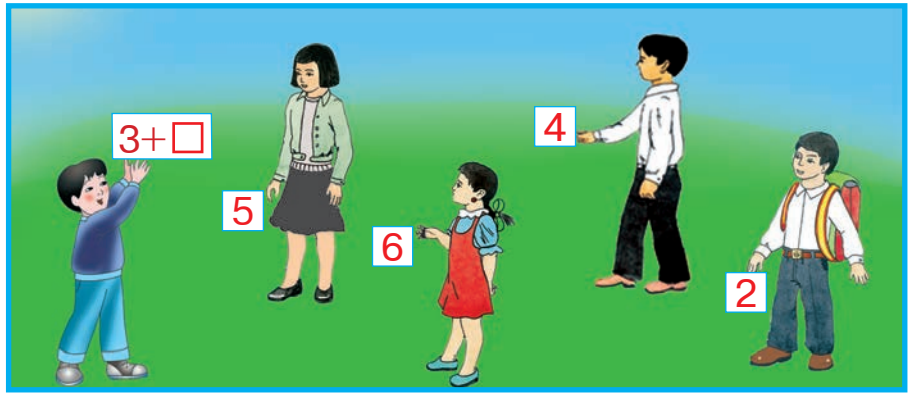
6. Woramda 42 m si'm bar yedi. Bir jumi's ku'ni dawami'nda si'mnan birneshe metr qi'rqi'p ali'ndi' ha'm woramda 14 m si'm qaldi'. Woramnan neshe metr si'm qi'rqi'p ali'ng'an?

7. Mi'sallardi' sheshin':

$$\begin{array}{r} 48 \\ +\ 32 \\ \hline \end{array} \qquad \begin{array}{r} 79 \\ -\ 37 \\ \hline \end{array} \qquad \begin{array}{r} 53 \\ +\ 27 \\ \hline \end{array} \qquad \begin{array}{r} 46 \\ -\ 35 \\ \hline \end{array} \qquad \begin{array}{r} 59 \\ +\ 21 \\ \hline \end{array}$$

HA'RIPLI AN'LATPALAR

1.



Babur ko'rsetip turg'an bos ketekshe worni'na Ayzada, Gu'lsara, Anvar ha'm Ulug'beklerdin' qoli'ndag'i' sanlardi' qoyi'p an'latpa du'zin' ha'm woni'n' ma'nisin tabi'n'. Ma'selen, 3+5=8.

«Ketekshe» ge basqa sanlardi' qoyi'n' ha'm payda bolg'an an'latpalardi'n' ma'nisin yesaplan':

□+8 □+9 15−□ □+16

Matematikada «keteksheler» worni'na kishi lati'n ha'ripleri qoyi'ladi'. Wolardi'n' woqi'li'wi' ha'm jazi'li'wi' to'mendegishe:

Ma'selen: **a** ha'ribi **«a»** dep, **b** ha'ribi **«be»** dep, **k** ha'ribi **«ka»** dep woqi'ladi'.

Demek, a=9, a=8 bolsa, a+7 yamasa 7+a an'latpasi'ni'n' ma'nisin to'mendegishe tabi'w mu'mkin: 9+7=16 yamasa 7+9=16; 8+7=15 yamasa 7+8=15.

Yeger a=6, a=12 bolsa, a+8 an'latpasi'ni'n' ma'nisin tabi'n':

U'lgi: 6+8=14; 12+8=20.

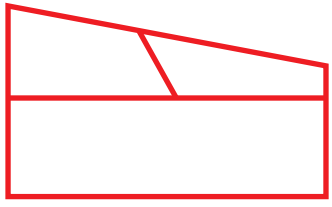
2.

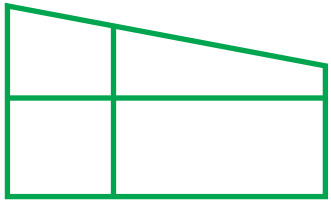
Ali'p kelindi	Won'landi'
43 mashina	1-ku'ni — 20 mashina 2-ku'ni —12 mashina

Ja'ne neshe mashina won'lani'wi' kerek?
Sheshiliwi:
1) $20+12=\square\square$ won'lang'an mashina.
2) $43-32=\square\square$ won'lani'wi' kerek bolg'an mashina.

3. $18+5$ $17+28$ $32-15$ $87+13$
$32-5$ $17+43$ $52-25$ $76+24$

4. Neshe figura bar yekenligin tabi'n':





5. An'latpalar du'zin' ha'm wolardi'n' ma'nislerin tabi'n':

76 ha'm 4, 37 ha'm 53, 28 ha'm 5 sanlari'ni'n' qosi'ndi'si';

42 ha'm 5, 32 ha'm 15, 38 ha'm 30 sanlari'ni'n' ayi'rmasi'.

6. Mekteptegi toqi'mashi'li'q do'geregine 58, muzi'ka do'geregine 32 woqi'wshi' qatnaspaqta. Yeki do'gerekke barli'g'i' boli'p neshe woqi'wshi' qatnaspaqta?

7. $77-65$ $\quad 23+45$ $\quad 84-72$
$32+14$ $\quad 86-34$ $\quad 61+15$

1. Mi'sallardi' tu'sindirip sheshin':

$a+49$ $\quad 91-b$ ko'rinisindegi an'latpalar

1)

	8		
	2	+	49
	4		
	6		

$8+49=\square\square$
$2+49=\square\square$
$4+49=\square\square$
$6+49=\square\square$

2)

	91		6
	91	−	4
	91		3
	91		9

$91-6=\square\square$
$91-4=\square\square$
$91-3=\square\square$
$91-9=\square\square$

2.

a	38	46	27	28	39	37	49
a + 7							

U'lgi: $38+7 = 38+(2+5) = (38 + 2) + 5 = 45$

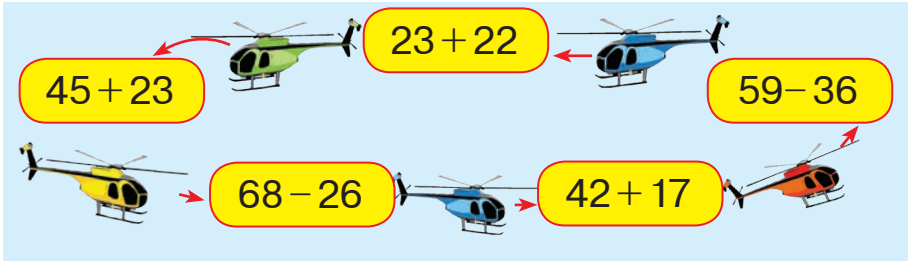
b	47	35	28	24	43	52	13
56 − b							

3. Ko'shenin' won' ta'repinde 35 u'y, shep ta're-pinde wonnan 7 ge kem u'y bar. Ko'shenin' shep ta'repinde neshe u'y bar?
Ma'selenin' sorawi'n sonday yetip wo'zgertin', wol yeki a'mel menen sheshiletug'i'n bolsi'n.

4. 1) $a = 14$, $a = 8$, $a = 47$ bolsa, $a + 8$ an'lat-pasi'ni'n' ma'nisin tabi'n'.

2) $b = 13$, $b = 18$, $b = 44$ bolsa, $b - 6$ an'latpasi'ni'n' ma'nisin tabi'n'.

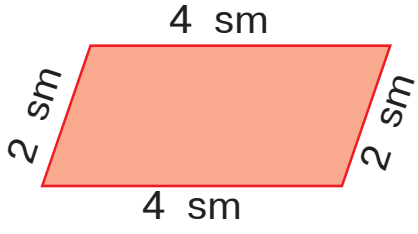
5. Mi'sallardi' tu'sindirip sheshin':

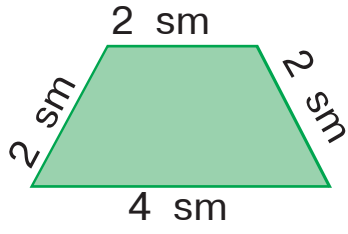


6. Qi'sqa jazi'w boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

1) Shaqmaq da'pter — 32
Si'zi'qli' da'pter — ?, 14 ke kem
2) Shaqmaq da'pter — 32
Si'zi'qli' da'pter — ?, 14 ke kem
} ? da'pter

7. Ha'rbir figurani'n' perimetrin tabi'n'.





8. Ju'ziw jari'si'na 48, uzi'nli'qqa sekiriw jari'si'na bolsa 18 woqi'wshi' qatnaspaqta. Yeki jari'sta barli'g'i' boli'p neshe woqi'wshi' qatnaspaqta?

9. An'latpalar du'zin' ha'm woni'n' ma'nisin tabi'n':

1) 32 ha'm 14, 57 ha'm 23, 61 ha'm 15 sanlari'ni'n' qosi'ndi'si'n;
2) 78 ha'm 36, 86 ha'm 34, 89 ha'm 64 sanlari'ni'n' ayi'rmasi'n.

TEN'LEME.
TEN'LEMENI SHESHIW

1. $27+x=27$ ko'rinisindegi ten'lemeni sheshin'.

x (iks) ha'ribi menen tabi'li'wi' kerek bolg'an belgisiz san belgilenedi.

$27+x=27$ — **bul ten'leme**.

Ten'leme to'mendegishe sheshiledi: ten'lik duri's boli'wi' ushi'n *x* ti'n' worni'na qanday sandi' qoyi'w kerekligin bilip ali'w kerek. Bul san 0, sebebi 27 ge 0 di qosqanda 27 payda boladi'. Sonda ten'lik duri's bolg'anli'g'i'n biliw mu'mkin.

Ten'lemenin' sheshiliwi to'mendegishe jazi'-ladi':

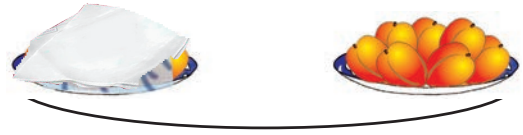
$27+x=27$	Tekseriw:
$x=27-27$	$27+0=27$
$x=0$	$27=27$

2. a) Qosi'ndi'dan belgili bolg'an qosi'li'wshi'ni' alg'anda belgisiz qosi'li'wshi' payda bolg'ani'n tu'sindirin':

$7+8=15$ $\quad$ $15-7=8$ $\quad$ $15-8=7$

b) Belgisiz qosi'li'wshi'ni' tabi'n':

$\square+3=10$ $\quad$ $9+\square=14$



$x+7=12$

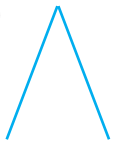
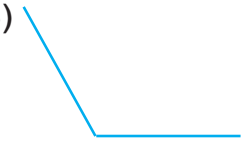
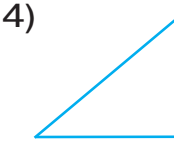
3. Ten'lemelerdi sheshin' ha'm na'tiyjeni tekserin':

$35+x=70$ $\quad$ $14+x=24$ $\quad$ $25+x=50$

4. Keste boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

Bar yedi	Jumsaldi'	Qaldi'
40 kg kartoshka	? kg	27 kg

5. Da'pterin'izge si'zi'n' ha'm tuwri' mu'yeshti ani'qlan':

1) 
2)
3) 
4) 

6. Ha'wlide 8 tawi'q da'n jep ju'rgen yedi. Ja'ne birneshe tawi'q kelip qosi'lg'annan keyin wolar 13 boldi'. Neshe tawi'q kelip qosi'lg'an?

7. Ten'lemelerdi sheshin' ha'm na'tiyjeni tekserin':

$24+x=30$ $x+15=40$ $13+x=20$

1. Ten'lemenin' sheshiliwin tu'sindirin': $35-x=30$

$35-x=30$

$x=35-30$

$x=5$

Tekseriw:

$35-5=30$

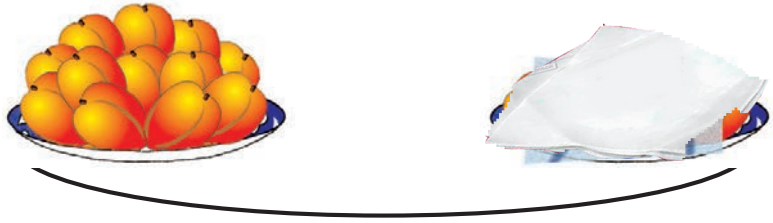
$30=30$

2. a) Azayi'wshi'dan ayi'rmani' alg'ani'n'i'zda belgisiz ali'ni'wshi' payda bolg'ani'n tu'sindirin':

$40-7=33$ $40-33=7$ $33+7=40$

b) belgisiz ali'ni'wshi'ni'n' qalay tabi'w mu'mkin yekenligin tu'sindirin':

$20-\square=17$ $20-\square=3$



$12 - x = 5$

3. Ten'lemelerdi sheshin' ha'm na'tiyjeni tekserin':

$17-x=9$ $19-x=10$ $28+x=48$

$18-x=8$ $35-x=30$ $12+x=30$

4. Avtobusta 37 jolawshi' barati'rg'an yedi. Ba'ndirgide birneshe jolawshi' tu'skennen keyin 30 jolawshi' qaldi'. Avtobus ba'ndirgisinde neshe jolawshi' tu'sken?

5. Kestedegi an'latpani'n' ma'nisin tabi'n':

Azayi'wshi'	22	32	37	47	80	28	56
Ali'ni'wshi'	5	15			40	20	
Ayi'rma	17		25	27			12

U'lgi: $22-5=17$

6. Ag'ash ustasi' 27 taxtaydi' jarg'i'lawi' kerek. Wol birneshe taxtaydi' jarg'i'lag'annan keyin 7 taxtay qaldi'. Usta neshe taxtaydi' jarg'i'lag'an?

7. Ten'lemelerdi sheshin' ha'm na'tiyjeni tekserin':

$42-x=30$ $36+x=59$ $65-x=42$

1. Ten'lemenin' sheshiliwin tu'sindirin': $x - 3 = 7$

$x - 3 = 7$
$x = 7 + 3$
$x = 10$

Tekseriw:
$10 - 3 = 7$
$7 = 7$

2. a) Jazi'wlarg'a qaran' ha'm ayi'rmag'a ali'ni'wshi'ni' qosqanda belgisiz azayi'wshi' payda bolg'ani'n tu'sindirin':

$10 - 3 = 7$ $\quad 7 + 3 = 10$ $\quad 3 + 7 = 10$

b) belgisiz azayi'wshi'ni' qalay tabi'w mu'mkin yekenligin tu'sindirin':

$\square - 7 = 8$ $\quad \square - 12 = 28$ $\quad \square - 9 = 6$

3. Ten'lemelerdi sheshin' ha'm na'tiyjeni tekserin':

$x - 6 = 9$ $\quad x - 9 = 10$ $\quad x - 5 = 25$

4. Su'wret boyi'nsha ma'sele du'zin' ha'm sheshin':

5. Sonday sanlardi' qoyi'n', jazi'wlar duri's bolsi'n:

$37 + 33 > 37 - \square$ $\quad 46 - 40 < \square - 16$

6. Yeger $a = 6$, $a = 28$, $a = 34$ bolsa, $a + 4$ an'latpasi'ni'n' ma'nisin tabi'n'.

7.

$72 + 27 = 99$	$42 \square 24 = 18$	$83 \square 16 = 99$
$90 \square 69 = 21$	$37 \square 25 = 62$	$76 \square 24 = 52$

1. Ten'lemenin' sheshiliwin tu'sindirin': $x+56=70$

$x+56=70$ Tekseriw:

$x=70-56$ $14+56=70$

$x=14$ $70=70$

Qosi'li'wshi'lardan birewi belgisiz bolsa, qosi'ndi'dan belgili bolg'an qosi'li'wshi'ni' ali'w kerek.

U'lgi: $37+x=47$ Tekseriw:

$x=47-37$ $37+10=47$

$x=10$ $47=47$

2. Ten'lemelerdi sheshin' ha'm na'tiyjeni tekserin':

$x+8=12$ $46+x=90$ $x+9=29$

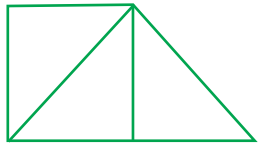
3. Keste boyi'nsha an'latpa du'zin' ha'm sheshin':

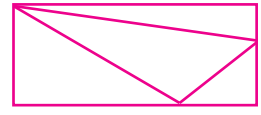
Qosi'li'wshi'	47		35	24	56		64
Qosi'li'wshi'		26		31		32	
Qosi'ndi'	74	60	70		80	61	90

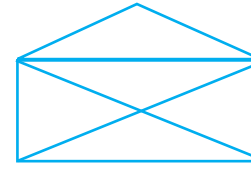
4. Ha'rbir sandi' yeki birdey qosi'li'wshi'ni'n' qosi'ndi'si'na almasti'ri'n': 8, 10, 12, 14, 16, 18.

U'lgi: $8=4+4$

5. Figuralardi'n' ha'rbirinde neshe u'shmu'yeshlik, neshe to'rmu'yeshlik bar?







6. Bag'man bir tu'p qurmadan 40 kg, 2-tu'p qurmadan bolsa birneshe kilogramm wo'nim alg'annan keyin wo'nim 87 kg boldi'. Bag'man 2-tu'pten neshe kilogramm qurma alg'an?

7. Mi'sallardi' sheshin':

$$\begin{array}{r} 35 \\ +\ 13 \\ \hline \end{array} \qquad \begin{array}{r} 50 \\ -\ 16 \\ \hline \end{array} \qquad \begin{array}{r} 63 \\ +\ 27 \\ \hline \end{array} \qquad \begin{array}{r} 47 \\ -\ 16 \\ \hline \end{array} \qquad \begin{array}{r} 32 \\ +\ 29 \\ \hline \end{array}$$

1. Ten'lemenin' sheshiliwin tu'sindirin': $69 - x = 23$

$69 - x = 23$
$x = 69 - 23$
$x = 46$

Teksеriw:
$69 - 46 = 23$
$23 = 23$

Ali'ni'wshi' belgisiz bolsa, azayi'wshi'dan ayi'rmani' ali'w kerek.

U'lgi: $57 - x = 17$
$x = 57 - 17$
$x = 40$

Teksеriw:
$57 - 40 = 17$
$17 = 17$

2. Avtosarayda 49 avtobus bar yedi. Wolardan birqanshasi' belgilengen jo'nelisler boyi'nsha jolg'a shi'g'i'p ketkennen son', 17 avtobus qaldi'. Avtosaraydan neshe avtobus jo'nelisler boyi'nsha jolg'a shi'g'i'p ketken?

3. Keste boyi'nsha mi'sal du'zin' ha'm sheshin':

Azayi'wshi'	45		59		70	69	54
Ali'ni'wshi'		24		12	56	17	
Ayi'rma	40	41	43	17			27

4. Ten'lemelerdi sheshin' ha'm na'tiyjeni tekserin':

$68 - x = 37$ $\quad$ $49 - x = 23$ $\quad$ $76 - x = 42$

5. Qi'sqa jazi'w boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

Bar yedi — 58 da'pter
Sati'ldi' — x da'pter
Qaldi' — 27 da'pter

6. Yeger $b=7$, $b=3$, $b=9$ bolsa, $90-b$ an'latpasi'ni'n' ma'nisin tabi'n'.

7.

$$\begin{array}{r} 48 \\ +\,32 \\ \hline \end{array} \qquad \begin{array}{r} 65 \\ -\,14 \\ \hline \end{array} \qquad \begin{array}{r} 37 \\ +\,23 \\ \hline \end{array} \qquad \begin{array}{r} 79 \\ -\,55 \\ \hline \end{array} \qquad \begin{array}{r} 29 \\ +\,12 \\ \hline \end{array}$$

1. Ten'lemenin' sheshiliwin tu'sindirin': $x-24=41$

$x - 24 = 41$
$x = 41 + 24$
$x = 65$

Tekseriw:
$65 - 24 = 41$
$41 = 41$

Azayi'wshi' belgisiz bolsa, woni' tabi'w ushi'n ayi'rmag'a ali'ni'wshi'ni' qosi'w kerek.

2. Ten'lemelerdi sheshin':

$x - 7 = 12$ $\quad$ $x - 8 = 9$ $\quad$ $x - 9 = 50$

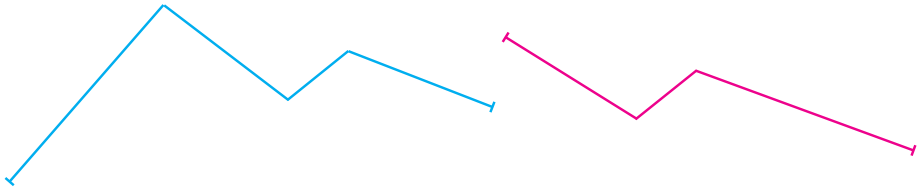
3. Du'kang'a sati'w ushi'n birneshe televizor ali'p kelindi. Keshke shekem 14 televizor sati'lg'annan son', 31 televizor qaldi'. Du'kang'a da'slep neshe televizor ali'p kelingen?

4. U'lgi boyi'nsha wori'nlan': $24=12+12$.

$22 = 11 + \square\square$ $\quad$ $48 = 24 + \square\square$ $\quad$ $66 = 33 + \square\square$

$44 = 22 + \square\square$ $\quad$ $64 = 32 + \square\square$ $\quad$ $88 = 44 + \square\square$

5. Ha'rbir si'ni'q si'zi'qti'n' uzi'nli'g'i'n wo'lshen':



6. Yeki qapshi'qta ja'mi 38 kg la'blebi bar. Yeger birinshi qapshi'qta 21 kg la'blebi bolsa, yekinshi qapshi'qta neshe kilogramm la'blebi bar?

7. Ten'lemelerdi sheshin' ha'm na'tiyjeni tekserin':

$x - 14 = 31$	$x - 21 = 42$	$56 - x = 43$
$69 - x = 43$	$28 + x = 59$	$x - 15 = 25$

WO'TILGENLERDI BEKKEMLEW

1. Sonday sandi' qoyi'n', na'tiyjede ten'lik duri's bolsi'n:

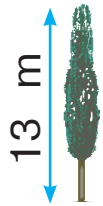
$28 - \square = 20$	$34 + \square = 40$	$75 - \square = 70$
$67 + \square = 70$	$89 - \square = 80$	$83 + \square = 90$
$43 + \square = 50$	$98 - \square = 90$	$38 + \square = 40$

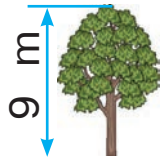
2. Qi'sqa jazi'w boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

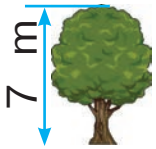
1) Bar yedi — 58 kg kartoshka
Paydalani'ldi' — 18 kg kartoshka
Qaldi' — ? kg kartoshka

2) Bar yedi — 58 kg kartoshka
Paydalani'ldi' — ? kg kartoshka
Qaldi' — 40 kg kartoshka

3. Su'wret boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

Aq terek 

Qayi'n 

Gu'jim 

Aq terek qayi'nnan neshe metr biyik? Gu'jim qayi'nnan neshe metr pa's? Qayi'n teregi gu'jimnen neshe metr biyik?

4. Yesaplan':

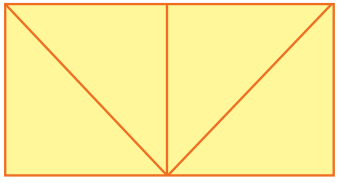
30 sm + 24 sm 80 dm − 54 dm

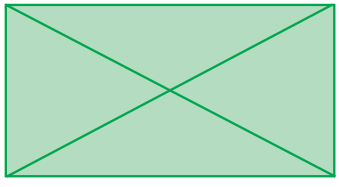
60 dm − 20 dm 50 sm + 20 sm

5. Ten'lemelerdi sheshin' ha'm na'tiyjeni tekserin':

$x+24=56$ $80-x=56$ $x-24=56$

6. Figuralardi' da'pterin'izge si'zi'n' ha'm boyan':





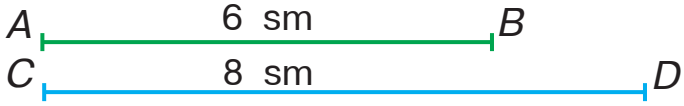
7. Balalar shi'rsha ag'ashi'na 28 qi'zi'l ha'm 27 ko'k sharlardi' ildirdi. Ildirilgen qi'zi'l sharlar ko'k sharg'a qarag'anda qansha ko'p?

8. Mi'sallardi' tekseriw joli' menen sheshin':

$\begin{array}{r} 57 \\ +\,23 \\ \hline \end{array}$ $\begin{array}{r} 84 \\ -\,32 \\ \hline \end{array}$ $\begin{array}{r} 36 \\ +\,24 \\ \hline \end{array}$ $\begin{array}{r} 95 \\ -\,64 \\ \hline \end{array}$ $\begin{array}{r} 64 \\ +\,36 \\ \hline \end{array}$

FIGURALARDI' HA'RIPLER MENEN BELGILEW

1. Uzi'nli'g'i' 6 sm, 8 sm bolg'an yeki kesindi si'zi'n' ha'm wolardi' ha'ripler menen belgilen'.



Wolardan birin *AB*, yekinshisin *CD* ha'ripleri menen belgilewde woni'n' ushlari'ndag'i' noqatlardi' *A* ha'm *B*, *C* ha'm *D* dep belgilew mu'mkin. Sonnan keyin *AB* kesindisi 6 sm ge, *CD* kesindisi 8 sm ge ten' dep woqi'ladi'.

Ha'rbir kesindi yeki bas ha'rip penen belgilenedi.

2. Mi'sallardi' bag'ana tu'rinde jazi'p, a'mellerdi wori'nlan':

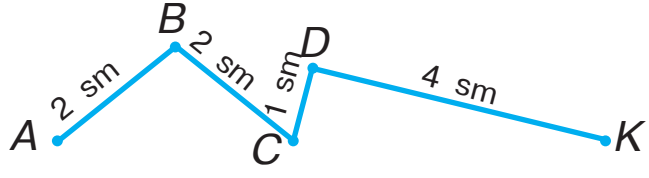
52 + 37	79 − 28	33 + 16
95 − 52	76 + 24	57 − 36

3. Berilgen si'ni'q si'zi'qlardi'n':

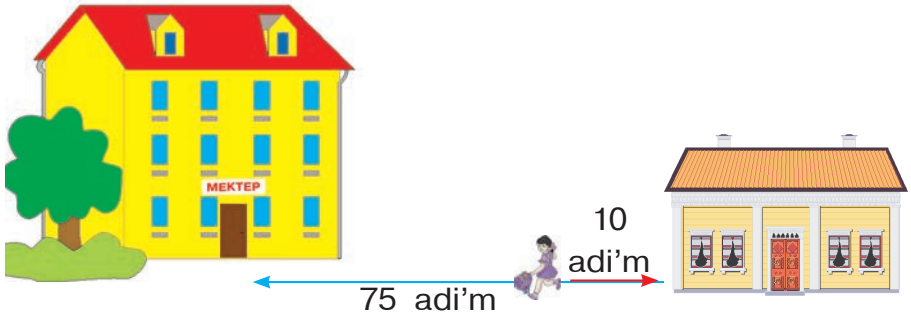
1) neshe kesindiden ibarat yekenin ani'qlan' ha'm uzi'nli'g'i'n tabi'n';

2) ha'rbir si'ni'q si'zi'qti' ha'rip penen belgilen':

U'lgi:



4. U'yden mektepke shekem 75 adi'm. Gu'lnaz mektepke qaray 10 adi'm ju'rgennen keyin kitabi' u'yinde qalg'ani'n yesledi. Kitapti' alg'annan son', wol mektepke qayti'p ketti. Gu'lnaz barli'g'i' boli'p neshe adi'm jol ju'rgen?



5. $72+25 \square 25+75$ $\quad 87+13 \square 87-13$
$64+26 \square 26+64$ $\quad 68-17 \square 68+17$

6. Tapsi'rmani' wori'nlan':
a) 3 wo'z aldi'na u'shmu'yeshlik jasaw ushi'n neshe sho'p kerek?
b) 2 wo'z aldi'na kvadrat jasaw ushi'n neshe sho'p kerek?

7. Ten'lemelerdi sheshin', na'tiyjelerdi tekserin':
$35+x=75$ $\quad x-12=24$ $\quad 84-x=32$

1. Kesteden sheshimi birdey bolg'an mi'sallardi' tabi'n':

45+23	90−64	64+26	42−15
50−24	75+15	87+13	76+24
27+3	38− 8	39+29	62−35

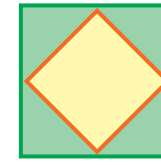
2. Ka'rim 5, a'jag'asi' 7, a'kesi 13 bali'q usladi'. A'kesi Ka'rimnen neshe bali'q arti'q uslag'an? To'mendegi an'latpalar neni bildiredi?

$7+5$ $7-5$ $13-7$ $13-5$ $5+7+13$

3. 75 sm + 25 sm 67 dm − 26 dm
89 dm − 39 dm 45 sm + 35 sm

4. 2 ewden shaynek su'wreti neshe ma'rte si'zi'lg'an? Barli'q shaynekler neshew?

5. Qi'rqi'p ali'ng'an 4 u'shmu'yeshlikten kvadrat jasan'.



6. Du'kanda 8 yashik apelsin ha'm 7 yashik limon bar yedi. Keyin birneshe yashik qurma ali'p kelingennen son' 25 yashik miywe boldi'. Neshe yashik qurma ali'p kelingen?

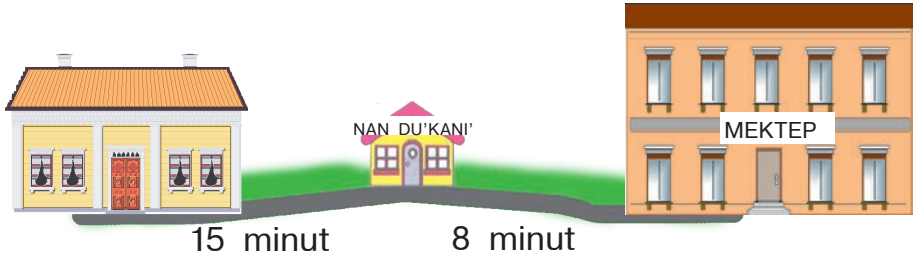
7. Mi'sallardi' sheshin':

$(34+14)-5$ $(40-30)+8$ $20+(30-20)$
$(28-18)+9$ $(60+20)+2$ $60-(20+10)$

1. Yeki qon'si'las qosi'li'wshi'ni' wolardi'n' qosi'ndi'si' menen almasti'ri'p, qolayli' usi'l menen yesaplan':

$7+8+2$ $2+14+6$ $40+20+6$
$6+9+1$ $13+7+4$ $30+50+8$

2. Nazira mektepten nan du'kani'na shekem 8 minut, nan du'kani'nan u'yine shekem 8 minut jol ju'rdi. Nazira mektepten u'yine shekem qansha waqi'tta jetip kelgen?



3. Mi'sallardi' u'lgide ko'rsetilgendey yetip sheshin': $56-5 \square 42-5$

$51 > 37$

$56-5 > 42-5$

$36+54 \square 77+13$ $\quad$ $80-22 \square 90-32$

$85-45 \square 26+14$ $\quad$ $47-25 \square 57+36$

4. Qi'sqa jazi'w boyi'nsha ma'sele du'zip sheshin':

1-mashinada — 56 qalta piyaz
2-mashinada — ?, 16 qalta kem piyaz
) ? qalta

5. Qawsi'rmalardi' sonday yetip qoyi'n', na'tiyje berilgen sang'a ten' bolsi'n:

$60-9+11=40$ $\quad$ $62-9+11=42$ $\quad$ $58-18-12=52$

6. Sayaxatqa yekinshi klastan 37 woqi'wshi', u'shinshi klastan bolsa 9 g'a arti'q woqi'wshi' bardi'. Sayaxatqa barli'g'i' boli'p neshe woqi'wshi' barg'an?

7.

$$\begin{array}{r} 56 \\ +\,34 \\ \hline \end{array} \qquad \begin{array}{r} 95 \\ -\,63 \\ \hline \end{array} \qquad \begin{array}{r} 47 \\ +\,23 \\ \hline \end{array} \qquad \begin{array}{r} 89 \\ -\,53 \\ \hline \end{array} \qquad \begin{array}{r} 39 \\ +\,21 \\ \hline \end{array}$$

1. Keste boyi'nsha an'latpalar du'zip sheshin':

Qosi'li'wshi'	28	29	47	45	65	53	38
Qosi'li'wshi'	5	32	3	23	25	27	17
Qosi'ndi'							

2. U'sh qorada 70 qoy bar. Birinshi qorada 30, yekinshi qorada 20 qoy bar. U'shinshi qorada neshe qoy bar?

Sheshiliwi: 1) $30+20=\square\square$ 1-, 2-qoradag'i' qoy;

2) $70-50=\square\square$ 3-qoradag'i' qoy.

3. Tusirilip qaldi'ri'lg'an sanlardi' qoyi'n':

$64=32+\square\square$ $\quad 88=44+\square\square$ $\quad 26=13+\square\square$

$48=24+\square\square$ $\quad 66=33+\square\square$ $\quad 44=22+\square\square$

4. Ma'sele du'zin' ha'm woni' sheshin':

Bar yedi	Paydalani'ldi'	Qaldi'
25 kg ha'm 22 kg	27 kg shege	? kg

5. Yeger $b=4$, $b=8$, $b=5$ bolsa, $98-b$ an'latpasi'ni'n' ma'nisin tabi'n'.

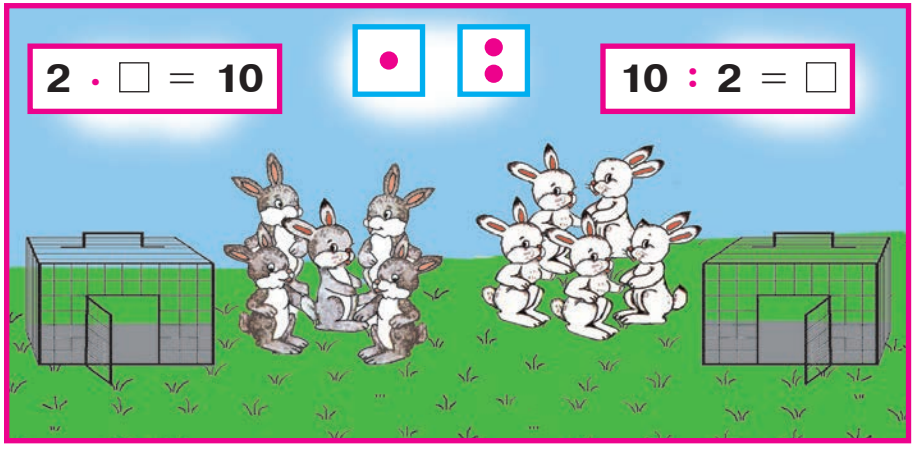
6. Metroni'n' bir vagoni'nda 72 jolawshi' bar. Wolardi'n' 34 i yer adamlar, qalg'anlari' hayal-qi'zlar. Vagonda neshe hayal-qi'zlar bolg'an?

7. $(90-30)+10$ $\quad 80-(20+30)$ $\quad (80-40)-40$

$(40+40)-20$ $\quad 70-(30+30)$ $\quad (60-20)+10$

KO'BEYTIW HA'M BO'LIW

KO'BEYTIW



1. Barli'q almalar neshew?

2 + 2 + 2 + 2 + 2 = 10

2 · 5 = 10

2 ewden 5 ma'rte ali'nsa, 10 payda boladi' yamasa 2 ni 5 ke ko'beyttirilse, 10 boladi'.

Birdey qosi'li'wshi'lardi' qosi'w **ko'beytiw** delinedi. Birdey qosi'li'wshi'lardi'n' qosi'ndi'si' 2 + 2 + 2 + 2 + 2 = 10 ni'n' ko'beyme tu'rindegi jazi'li'wi': 2 · 5 = 10 tu'rinde boladi'.

Noqat (·) **ko'beytiw belgisi** boladi'.

Bul mi'sal to'mendegishe woqi'ladi':

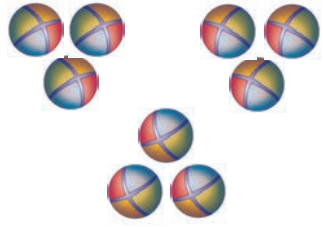
Yekewden bes ma'rte ali'nsa, won payda boladi' yamasa yekini beske ko'beytkende won payda boladi'.

2. 1) 5 ewden 5 ma'rte ali'nsa, 25 payda boladi' yamasa 5 ti 5 ke ko'beyttirilse, 25 boladi':

$5 + 5 + 5 + 5 + 5 = 25$

$5 \cdot 5 = 25$

2)



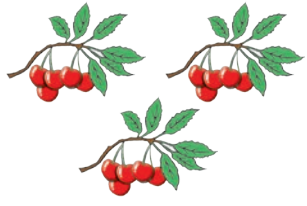
$3 + 3 + 3 = \square$

$3 \cdot 3 = \square$

$4 + 4 + 4 + 4 = \square\square$

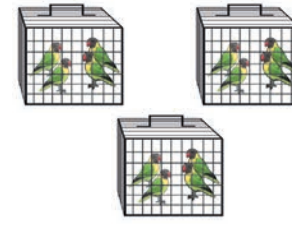
$4 \cdot 4 = \square\square$

3. Qosi'wg'a tiyisli mi'sallardi' ko'beytiwge tiyisli mi'sallar menen almasti'ri'n':



$5 + 5 + 5 = \square\square$

$\square \cdot \square = \square\square$



$4 + 4 + 4 = 12$

$4 \cdot 3 = \square\square$

$6 + 6 + 6 + 6 = 24$

$6 \cdot 4 = \square\square$

$7 + 7 = \square\square$

$7 \cdot 2 = \square\square$

4. Ko'beytiwge tiyisli mi'sallardi' qosi'wg'a tiyisli mi'sallar menen almasti'ri'n':

$2 \cdot 4 = 8$

$2 + 2 + 2 + 2 = \square$

$6 \cdot 3 = \square\square$

$6 + 6 + 6 = \square\square$

5. Bir gu'lda'stede 5 gvozdika, yekinshi gu'lda'stede bolsa wonnan 3 ke arti'q gvozdika bar. Yekinshi gu'lda'stede neshe gvozdika bar?

6. Qosi'wg'a tiyisli mi'sallardi' ko'beytiwge tiyisli mi'sallar menen almasti'ri'n':

$7 + 7 + 7$ $\quad$ $8 + 8 + 8$ $\quad$ $9 + 9 + 9$

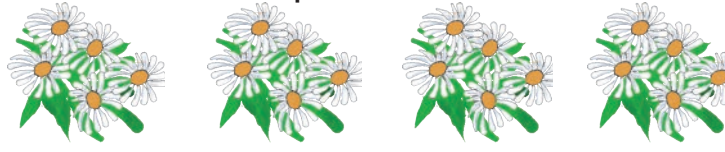
U'lgi: $7 + 7 + 7 = 7 \cdot 3$

7.

$18 - 9$	$9 + 9$	$13 + 5$	$(60 + 6) - 4$
$13 - 4$	$8 + 7$	$15 + 4$	$(50 + 8) + 2$

1. Su'wret boyi'nsha ko'beytiwge tiyisli mi'sal du'zin' ha'm woni' qosi'w menen almasti'ri'n':

1)



$5 \cdot 4 = \square\square$ $\quad$ $5 + 5 + 5 + 5 = \square\square$

2)

$5 \cdot 5 = 5 + 5 + 5 + 5 + 5$

2. Ko'beytiwge tiyisli mi'sallardi' qosi'wg'a tiyisli mi'sallar menen almasti'ri'n':

$8 \cdot 3$ $\quad$ $5 \cdot 7$ $\quad$ $4 \cdot 3$ $\quad$ $5 \cdot 6$

U'lgi: $8 \cdot 3 = 8 + 8 + 8$

3. Mi'sallardi' u'lgi boyi'nsha sheshin':

50 − (25 + 15) (37 + 48) − 30

(48 + 19) − 36 (37 + 53) − 40

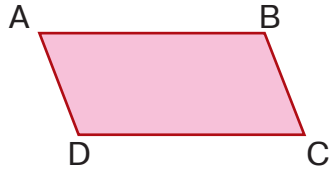
(45 + 27) − 31 = 41

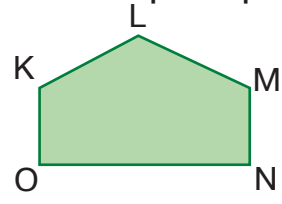
$$\begin{array}{r} 45 \\ +\,27 \\ \hline 72 \end{array} \qquad \begin{array}{r} 72 \\ -\,31 \\ \hline 41 \end{array}$$

4. Mektep bag'i'na woti'rg'i'zi'w ushi'n 43 tu'p a'tirgu'l, 23 tu'p gvozdika ali'p kelindi. Mektep bag'i'na uluwma neshe tu'p gu'l ali'p kelingen?

5. Ha'rbir akvariumda 4 bali'qtan bar. 4 akvariumda neshe bali'q bar?

6. Bul figuralar nesi menen bir-birinen pari'qlanadi'?





7. Barli'q sho'jeler neshew? Sheshiliwin qosi'w ha'm ko'beytiw menen wori'nlan':

8.

52 − 2	30 + 5	57 + 23	68 + 20
52 − 20	30 + 50	40 + 27	18 + 12

1. Mi'sallardi'n' sheshiliwin tu'sindirin':

$5 \cdot 6 = \square\square$ $\qquad$ $8 \cdot 3 = \square\square$

$5+5+5+5+5+5 = 30$ $\qquad$ $8 + 8 + 8 = 24$

$5 \cdot 6 = 30$ $\qquad$ $8 \cdot 3 = 24$

Qaysi' san qosi'li'wshi' yetip ali'ng'an? Bul san neshe ma'rte qosi'li'wshi' yetip ali'ng'an?

2. Ko'beytiwge tiyisli mi'sallardi' qosi'wg'a tiyisli mi'sallarg'a almasti'ri'n' ha'm na'tiyjeni yesaplan':

$7 \cdot 3$ $\qquad$ $3 \cdot 4$ $\qquad$ $6 \cdot 4$ $\qquad$ $1 \cdot 8$

3. Bir quti'da 6 qa'lem bar. Sonday to'rt quti'da neshe qa'lem bar?

Ma'seleni da'slep qosi'w a'meli menen sheshin', son' qosi'wg'a tiyisli mi'saldi' ko'beytiwge tiyisli mi'sal menen almasti'ri'n'.

4. Mi'sallardi' u'lgide ko'rsetilgendey yetip sheshin':

$58+23-55=\square\square$

$$\begin{array}{r} 58 \\ +\ 23 \\ \hline 81 \end{array} \qquad \begin{array}{r} 81 \\ -\ 55 \\ \hline 26 \end{array}$$

$60+17-51$ $\qquad$ $87-64+23$ $\qquad$ $27+23-30$

$46-16+15$ $\qquad$ $77+13-29$ $\qquad$ $74+26-40$

5. Ma'selelerdi sheshin':

1) Ha'rbir tarelkada 9 ma'yekten bar. Yeki tarelkada neshe ma'yek bar?

2) Ha'rbir sebette 8 limonnan bar. Bes sebette neshe limon bar?

6. Gu'l du'kani'na 90 tu'p gu'l na'li ali'p kelindi. Tu'ske shekem 40 tu'p, tu'sten keyin 30 tu'p gu'l na'li sati'ldi'. Sati'w ushi'n ja'ne neshe tu'p gu'l na'li qalg'an?

7. Ketekshelerdin' worni'na sonday a'mel belgilerin qoyi'n', na'tiyjede jazi'wlar duri's bolsi'n.

38 □ 16 = 22 42 □ 25 = 67 76 □ 24 = 100

39 □ 31 = 70 69 □ 46 = 23 83 □ 17 = 100

KO'BEYTIWDIN' AG'ZALARI'

1. Su'wret boyi'nsha mi'sal du'zin' ha'm woni' sheshin':

5 · 3 = □□

Ko'beytiwdin' ag'zalari'n yadta tuti'n':

5	·	3	=	15
Birinshi ko'beytiwshi		**Yekinshi ko'beytiwshi**		**Ko'beyme**

5 penen 3 tin' ko'beymesi 15 ke ten'.

Ko'beytiletug'i'n sanlar **ko'beytiwshi**ler delinedi. Ko'beytiwden payda bolatug'i'n san **ko'beyme** dep ataladi'.

2. Mi'sallardi' sheshin':

8 · 2 9 · 3 6 · 4 3 · 3

3. Ko'beytiwge tiyisli mi'sallardi' qosi'wg'a tiyisli mi'sallar menen almasti'ri'n'.

U'lgi: 6 · 5 = 6 + 6 + 6 + 6 + 6

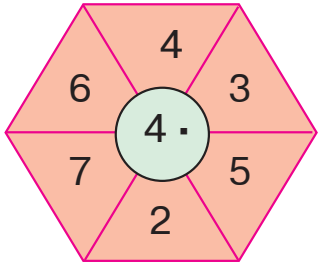
4 · 3 7 · 2 5 · 4 3 · 5

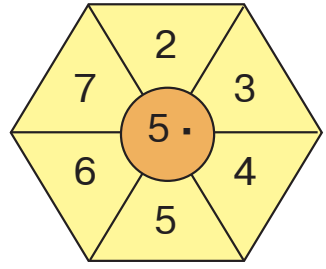
4. Ma'selelerdi sheshin':

1) Ha'rbir avtomobilde 5 adamnan bolsa, yeki avtomobilde neshe adam boladi'?

2) Ha'rbir vazada 6 anardan bolsa, to'rt vazada neshe anar boladi'?

5. Yesaplan':





6. Qosi'wg'a tiyisli mi'sallardi' ko'beytiwge tiyisli mi'sallar menen almasti'ri'n':

U'lgi: $2+2+2+2+2=2\cdot5=10$

$3+3+3+3+3$ $\quad$ $5+5+5$ $\quad$ $6+6+6+6$

7. $70-46+27$ $\quad$ $97-64+19$ $\quad$ $72-34+17$

$50-13+18$ $\quad$ $40-13+27$ $\quad$ $35+15-26$

1. Mi'sallardi' u'lgi boyi'nsha wori'nlan': $3\cdot7=21$.

$2\cdot6=\square\square$ $\quad$ $5\cdot5=\square\square$ $\quad$ $6\cdot3=\square\square$

$2\cdot8=\square\square$ $\quad$ $4\cdot3=\square\square$ $\quad$ $7\cdot2=\square\square$

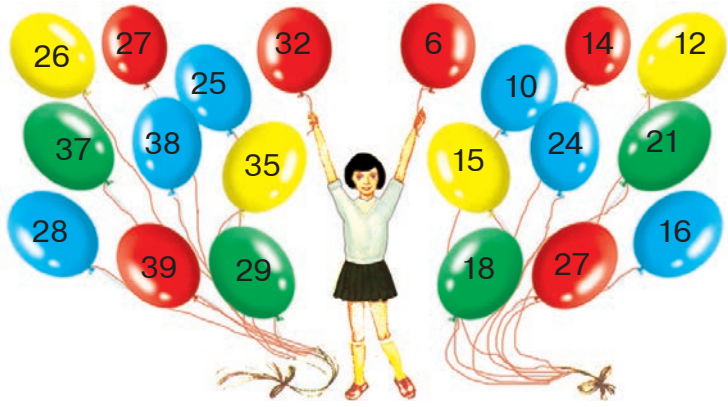
$2\cdot7=\square\square$ $\quad$ $4\cdot5=\square\square$ $\quad$ $6\cdot5=\square\square$

2. Ko'beymelerdi qosi'ndi'g'a almasti'ri'n' ha'm wolardi'n' ma'nislerin tabi'n':

1) Birinshi ko'beytiwshi 4, yekinshi ko'beytiwshi 3. Ko'beymeni tabi'n';

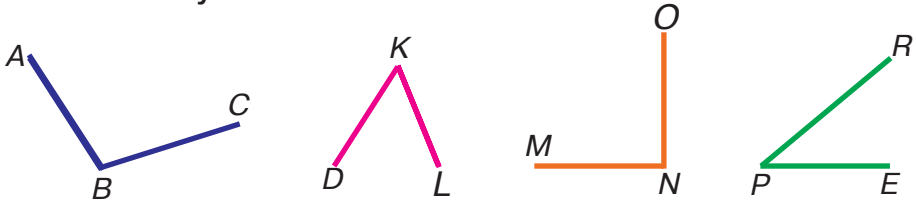
2) 8 benen 2; 9 benen 3; 5 penen 4 sanlari'ni'n' ko'beymesin jazi'n' ha'm yesaplan'.

3. Mi'sallardi'n' juwabi'n tabi'n':



4. Klass bo'lmesinin' 3 aynasi' bar. Ha'rbir aynada 3 gu'l tu'bek turi'pti'. Aynalardag'i' barli'q gu'l tu'bekler neshew?

5. Tuwri' mu'yeshti tabi'n':



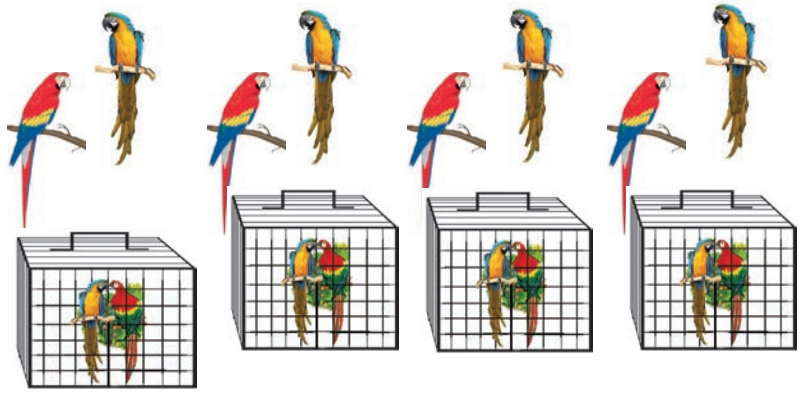
6. Avtobusta 37 jolawshi' bar yedi. Ba'ndirgide 4 jolawshi' tu'sip, 7 jolawshi' mindi. Avtobustag'i' jolawshi'lardi'n' sani' neshew boldi'?

7. Mi'sallardi' bag'ana tu'rinde jazi'n', na'tiyjeni yesaplan':

72 + 21	56 − 25	43 + 27	49 − 27
68 − 30	58 + 21	96 − 36	35 + 14

BO'LIW

1. 1) 8 toti'qus 4 tor ketekke ten'nen bo'lip sali'ndi'. Ha'rbir tor ketekke neshe toti'qustan sali'ng'an?



Sheshiliwi: 8 : 4 = 2 toti'qustan.
Juwabi': Ha'r tor ketekke 2 tori'qustan sali'ng'an.
2) 8 toti'qus ha'r tor ketekke 2 ewden bo'lip sali'ng'an.
Sheshiliwi: 8 : 2 = 4 tor ketek.
Juwabi': 8 toti'qus ushi'n 4 tor ketek kerek.

Buyi'mlardi' ten'dey yetip bo'lip qoyi'w **bo'liw** dep ataladi'. Yeki noqat (**:**) — **bo'liw belgisi.**
10 : 5 = 2 an'latpasi' to'mendegishe woqi'ladi':
10 menen 5 tin' tiyindisi 2 ge ten'.

2. Ma'selelerdi sheshin' ha'm wolardi' sali'sti'ri'n':
1) 10 konfeta 5 den bo'lip i'di'slarg'a sali'ndi'. Neshe i'di's kerek bolg'an?
2) 10 konfeta 2 i'di'sqa ten'dey yetip sali'ndi'. Ha'rbir i'di'sqa neshe konfetadan sali'ng'an?

3. Su'wret boyi'nsha ma'sele du'zin' ha'm sheshin': Haywanat bag'i'ndag'i' 4 tiyinnin' ha'rbirine 2 g'ozadan berildi. Tiyinlerge barli'g'i' boli'p neshe g'oza berilgen?

4. Mi'sallardi'n' sheshiliwin tu'sindirin':

6 : 2 = □	8 : 2 = □	10 : 2 = □
6 : 3 = □	8 : 4 = □	10 : 5 = □

5. Kesteden juwabi' birdey bolg'an mi'sallardi' tabi'n':

90 − 50	57 + 32	87 + 13	52 − 24
67 + 3	36 + 4	50 + 39	38 + 32
75 − 50	55 − 30	64 − 36	76 + 24

6. Yeki bala ha'wizde shomi'li'p ati'r. Jag'ag'a shi'g'i'w ushi'n balalardi'n' biri 20 m ju'ziwi kerek, yekinshi bala wog'an qarag'anda 7 m ge kem ju'ziwi kerek. Yekinshi bala jag'ag'a shi'g'i'wi' ushi'n neshe metr ju'ziwi kerek?

7.

37 − 17 + 40	75 + 15 − 21	45 − 25 + 32
65 − 42 + 18	58 + 22 − 13	89 + 11 − 50

1. Su'wret boyi'nsha ma'sele du'zin' ha'm sheshin': 6 roza gu'l bar yedi. Wolar 2 vazag'a ten' bo'lip sali'ndi'. Ha'rbir vazag'a neshe roza gu'lden sali'ng'an?

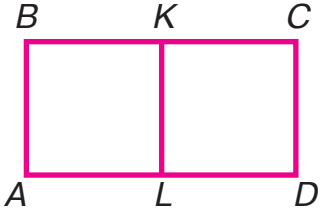
2. Ma'selelerdi sheshin':
1) 10 qa'lem 5 ewden quti'larg'a sali'ndi'. Neshe quti' kerek bolg'an?
2) 10 limon 5 i'di'sqa ten'dey bo'lip qoyi'ldi'. Ha'rbir i'di'sqa neshe limonnan qoyi'lg'an?

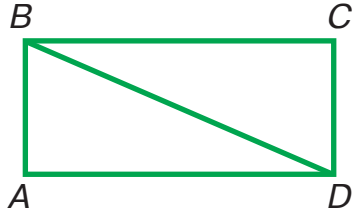
3. Mi'sallardi' u'lgi boyi'nsha wori'nlan': $2 \cdot 8 = 16$.

$2 \cdot 7 = \square\square$ $3 \cdot 5 = \square\square$ $4 \cdot 4 = \square\square$

$4 \cdot 3 = \square\square$ $2 \cdot 6 = \square\square$ $5 \cdot 4 = \square\square$

4. To'mendegi figuralarda neshe kvadrat, neshe u'shmu'yeshlik bar?





5. A'mel belgilerin ten'likler duri's bolatug'i'nday yetip qoyi'n':

$22 \square 22 = 44$ $33 \square 33 = 66$ $44 \square 44 = 88$

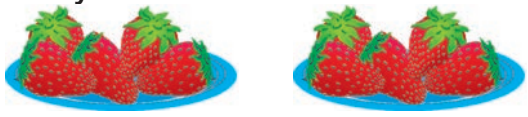
$75 \square 25 = 50$ $50 \square 25 = 25$ $88 \square 34 = 54$

6. Joqari' klass woqi'wshi'lari'na kitapxanadag'i' 57 kitapti' won'law tapsi'ri'ldi'. Birinshi topar 32 kitapti', yekinshi topar 15 kitapti' won'ladi'. Wolar ja'ne neshe kitapti' won'lawi' kerek?

7. Mi'sallardi' sheshin':

$$\begin{array}{r} 53 \\ +\,29 \\ \hline \end{array} \qquad \begin{array}{r} 96 \\ -\,74 \\ \hline \end{array} \qquad \begin{array}{r} 35 \\ +\,28 \\ \hline \end{array} \qquad \begin{array}{r} 73 \\ -\,37 \\ \hline \end{array} \qquad \begin{array}{r} 35 \\ +\,24 \\ \hline \end{array}$$

1. Su'wret boyi'nsha ma'sele du'zin' ha'm sheshin':



10 : 2 = □ qulpi'nay.

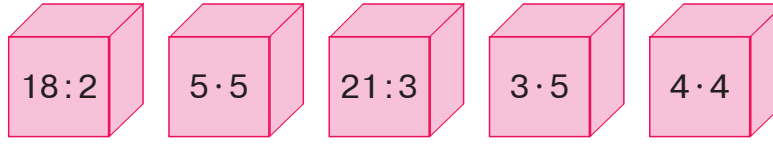
Bo'liwdegi sanlar ha'm an'latpalardi'n' ati'n yadta tuti'n':

Bo'liniwshi		Bo'liwshi		Tiyindi
12	:	3	=	4

2. 12 : 2 = □ 8 : 4 = □ 15 : 5 = □
15 : 3 = □ 6 : 3 = □ 18 : 2 = □

3. Sanaq sho'plerinen paydalani'p, tiyindini tabi'n':
1) bo'liniwshi 9, bo'liwshi 3, tiyindini tabi'n';
2) bo'liniwshi 14, bo'liwshi 2, tiyindini tabi'n'.

4. Mi'sallardi'n' sheshimin wo'siw ta'rtibinde jazi'n':



5. Qosi'wdi' mu'mkin bolg'an jerlerde ko'beytiw menen almasti'ri'p wori'nlan':

12 + 12 + 15 3 + 3 + 3 + 3 4 + 4 + 4
7 + 7 + 7 5 + 5 + 5 + 5 6 + 6 + 6

6. Mekteptin' sport do'geregine 12 qol tobi' ali'p kelindi. Wolardi' u'sh topar do'gerek qatnasi'wshi'lari'na ten' bo'lip berdi. Ha'rbir toparg'a neshe qol tobi'nan berilgen?

7. Mi'sallardi' sheshin':

$$\begin{array}{r} 72 \\ -\,55 \\ \hline \end{array} \qquad \begin{array}{r} 54 \\ +\,13 \\ \hline \end{array} \qquad \begin{array}{r} 67 \\ -\,35 \\ \hline \end{array} \qquad \begin{array}{r} 36 \\ +\,25 \\ \hline \end{array} \qquad \begin{array}{r} 60 \\ -\,29 \\ \hline \end{array}$$

TEN'DEY BO'LEKLERGE BO'LIW

1. Su'wret boyi'nsha ten'dey bo'leklerge bo'liwge tiyisli ma'seleler du'zin' ha'm woni' sheshin':

2. 8 gu'l 2 ewden vazalarg'a sali'ndi'. Bul gu'ller ushi'n neshe vaza kerek bolg'an?

3. $2 \cdot 2 = \square$ $\quad 3 \cdot 2 = \square$ $\quad 4 \cdot 2 = \square$ $\quad 5 \cdot 2 = \square$

$4 : 2 = \square$ $\quad 6 : 3 = \square$ $\quad 8 : 4 = \square$ $\quad 10 : 5 = \square$

4. Mekteptin' janli' mu'yeshi ushi'n 10 toti'qus ali'p kelindi, wolar besewden tor keteklerge sali'ndi'. Bul toti'quslar ushi'n neshe tor ketek kerek bolg'an?

5.

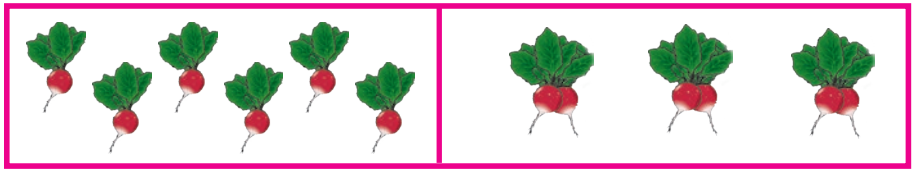
Azayi'wshi'	60	38	59	67	42	31
Ali'ni'wshi'	34	30	26	16	15	14
Ayi'rma						

6. Asxanada 18 *l* paxta mayi' bar yedi. Woni' yeki bidong'a ten'dey yetip quyi'ldi'. Ha'rbir bidong'a neshe litr paxta mayi' quyi'lg'an?

7. $30-(17+3)$ $(62-41)+9$ $90-(47+3)$
$20+(9+8)$ $(54+29)-3$ $(35+35)-8$

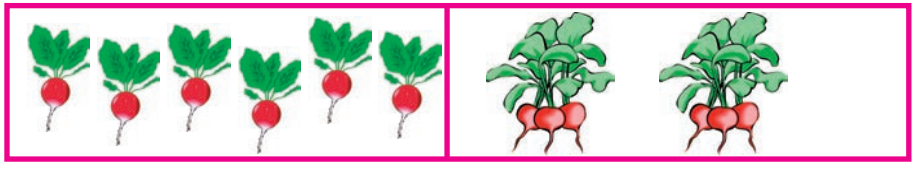
1. Ma'selelerdin' sheshiliwi ha'm juwabi'n sali's-ti'ri'n':

1) 6 rediska bar yedi. Rediskani' 3 ten'dey bo'-lekke bo'ldi ha'm baylap qoydi'. Ha'rbir bay-lamda neshe rediskadan bar?



Sheshiliwi: $6:3=2$ rediskadan bar.
Juwabi': Ha'r bir baylamda 2 rediskadan bar.

2) 6 rediska bar yedi. Rediskalardi' 3 ewden aji'ratti' ha'm wolardi' bayladi'. Neshe baylam rediska boldi'?



Sheshiliwi: $6:3=2$ baylam rediska.
Juwabi': 2 baylam rediska bar.

2. Ma'seleni sheshin' ha'm wolardi' sali'sti'ri'n':

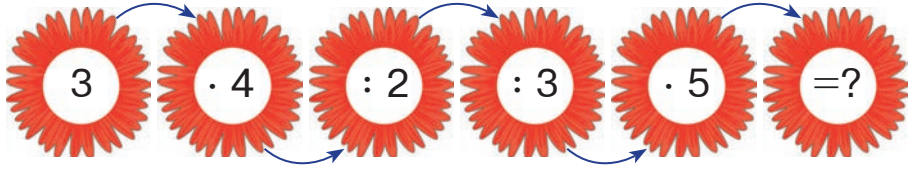
1) 12 limon 4 tarelkag'a ten'dey bo'lip qoyi'ldi'. Ha'rbir tarelkag'a neshe limonnan qoyi'lg'an?
Sheshiliwi: $12:4=3$
Juwabi': 3 limonnan qoyi'lg'an.

2) 12 limon tarelkalarg'a 3 ewden qoyi'ldi'. Neshe tarelka kerek bolg'an?
Sheshiliwi: $12:3=4$
Juwabi': 4 tarelka kerek.

3. $10:5=\square$ $\quad 9:3=\square$ $\quad 12:6=\square$
$8:2=\square$ $\quad 6:2=\square$ $\quad 14:7=\square$

4. Bayramg'a 20 shar sati'p ali'ndi'. Sharlar 2 ten'dey bo'lekke bo'lip baylandi'. Ha'rbir baylamda neshe shardan bar?

5. Mi'sallardi' tu'sindirip sheshin':



6. Shi'rsha ag'ashi'ni'n' biyikligi 9 m, aq terektin' biyikligi wonnan 5 m biyik. Aq terektin' biyikligin tabi'n'.

7. Mi'sallardi' sheshin':

$70-(79-70)$ $\quad 40+(11+9)$ $\quad (24+34)-8$
$21+(34-30)$ $\quad 35-(7+6)$ $\quad (28-18)+9$

1. 1) 14 kg limon bar yedi. Wolar 2 sebetke ten'nen bo'lip sali'ndi'. Ha'rbir sebetke neshe kilogramnan limon sali'ng'an?
2) 18 shokoladti' tarelkag'a 6 dan ten'dey sali'p shi'g'i'ldi'. Neshe tarelkag'a shokolad sali'ng'an?

2. $10:2=\square$ $14:2=\square$ $6:3=\square$
$10:5=\square$ $14:7=\square$ $6:2=\square$

3. Barli'q roza gu'ller neshew? Sheshimin ko'beytiw ha'm bo'liw menen wori'nlan':

4. Ten'lemelerdi sheshin':
$27-x=15$ $x-15=25$ $17+x=39$

5. Kesteden sheshimi birdey bolg'an mi'sallardi' tabi'n':

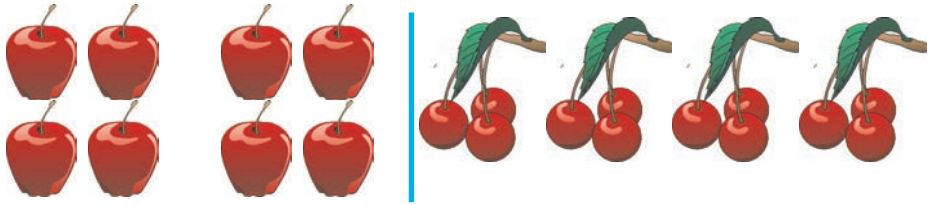
$6\cdot3$	$8:4$	$21:3$	$12:4$
$12:3$	$2\cdot2$	$18:3$	$15:5$
$2\cdot3$	$14:7$	$14:2$	$9\cdot2$

6. Bir xojali'qta 15 tu'yetawi'q bar yedi. Wolardi' 3 ketekke ten'dey bo'lip qoyi'ldi'. Ha'rbir ketekke neshe tu'yetawi'qtan qoyi'lg'an?

7. Mi'sallardi' bag'ana tu'rinde jazi'n' ha'm sheshin':
$32+29$ $40-14$ $57+23$
$42-15$ $54+26$ $42-24$

KO'BEYTIWDIN' WORI'N ALMASTI'RI'W QA'SIYETI

1. Mi'sallardi' tu'sindirip sheshin':

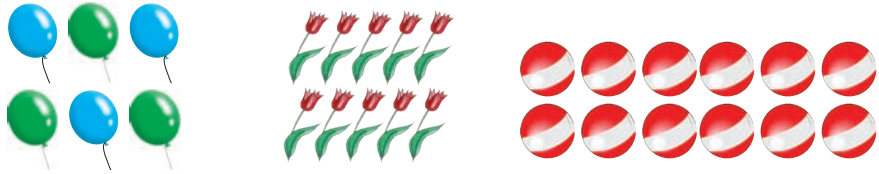


$2 \cdot 4 = 8$
$4 \cdot 2 = 8$

$3 \cdot 4 = 12$
$4 \cdot 3 = 12$

> Ko'beytiwshilerdin' worni' almasti'ri'lg'ani' menen ko'beyme wo'zgermeydi.

2. Su'wret boyi'nsha ma'sele du'zin' ha'm sheshin':



$3 \cdot 2 = 6$
$2 \cdot 3 = \square$

$5 \cdot 2 = 10$
$2 \cdot 5 = \square\square$

$6 \cdot 2 = \square\square$
$2 \cdot 6 = \square\square$

3. 1) 3 terelkada 2 qurmadan bar. Barli'q qurmalar neshew?

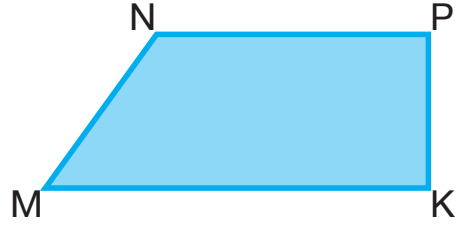
2) 2 tarelkada 3 qurmadan bar. Barli'q qurmalar neshew?

4. Ko'beymeni qosi'ndi'g'a almasti'ri'n':

U'lgi: $6 \cdot 4 = 6 + 6 + 6 + 6 = 24$

$4 \cdot 5 = \square\square$	$6 \cdot 8 = \square\square$	$7 \cdot 2 = \square\square$	$9 \cdot 3 = \square\square$
$3 \cdot 5 = \square\square$	$2 \cdot 6 = \square\square$	$3 \cdot 7 = \square\square$	$5 \cdot 6 = \square\square$

5. To'mendegi figuralardi'n' perimetrin wo'lshen':



6. Ati'zdan bir mashinada 37 qapshi'q, yekinshi mashinada birinshidegige qarag'anda 8 qapshi'q arti'q, u'shinshi mashinada bolsa yekishidegiden 5 qapshi'q kem kartoshka ali'p kelindi. U'shinshi mashinada neshe qapshi'q kartoshka ali'p kelingen?

7. Mi'sallardi' bag'ana tu'rinde jazi'n' ha'm sheshin':

$89-57$	$49+17$	$58-25$
$75+15$	$64-33$	$26+26$

U'LKEN SANDI' KISHI SANG'A KO'BEYTIW

1. Mi'sallardi' tu'sindirip sheshin':

$6\cdot3=18$	$7\cdot4=28$	$8\cdot5=40$
$3\cdot6=\square\square$	$4\cdot7=\square\square$	$5\cdot8=\square\square$

2. Ko'beymelerdi qosi'ndi'g'a almasti'ri'p yesaplan':

$6\cdot2$ $2\cdot6$ $5\cdot4$ $4\cdot5$ $7\cdot3$ $3\cdot7$

U'lken sandi' kishi sang'a ko'beytiw qolayli' boladi'.

Mi'sali':

$2+2+2+2+2=10$ $5+5=10$

$2\cdot5=10$ $5\cdot2=10$

3. Ma’selelerdi sheshin’:
1) 18 konfeta 3 tarelkag’a ten’dey bo’lip qoyi’ldi’. Ha’rbir i’di’sqa neshe konfeta qoyi’lg’an?
2) 18 konfeta i’di’slarg’a 6 awdan qoyi’ldi’. Neshe i’di’s kerek bolg’an?

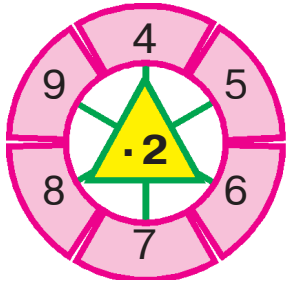
4. Mi’sallardi’n’ sheshiliwin tu’sindirin’:

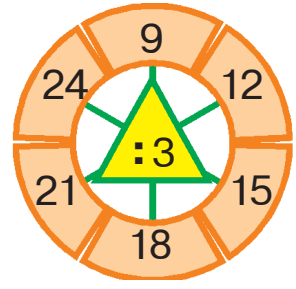
3·4 → 4·3 → 5·2 → 6·3 → 8·2

5·3 → 3·5 → 2·7 → 7·2 → 8·3

5. Uzi’nli’g’i’ 15 sm bolg’an si’mdi’ 3 ten’dey bo’lekke bo’lin’. Woni’n’ bir bo’leginin’ uzi’nli’g’i’n tabi’n’. Wori’nlang’an jumi’s boyi’nsha bo’liwge tiyisli an’latpa du’zin’ ha’m woni’ da’pterin’izge jazi’n’.

6. Yesaplan’:





7. Qosi’wg’a tiyisli mi’sallardi’ ko’beytiwge tiyisli mi’sallar menen almasti’ri’n’:

8 + 8 + 8 7 + 7 + 7 + 7 6 + 6 + 6 + 6 + 6

8. 69 − 39 + 50 62 − 17 − 17 97 + 3 − 40

27 + 43 − 20 19 + 34 − 53 52 + 8 + 30

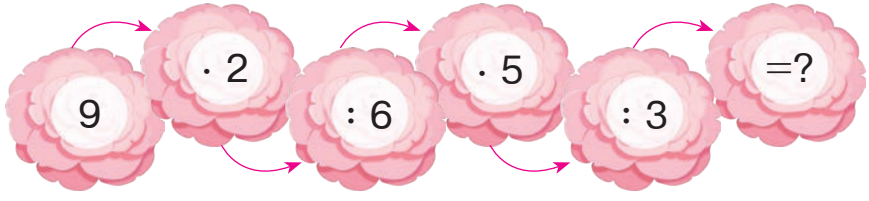
WO'Z ARA KERI MA'SELELER

1. Ma'selelerdin' sheshiliwin sali'sti'ri'n':
1) Aq ren'li kepter 15, ku'lren' kepter 10. Barli'q kepterler neshew?
2) Barli'q kepterler 25. Aq kepterler 15 bolsa, ku'lren' kepterler neshew?
3) Barli'q kepterler 25. Ku'lren' kepterler 10 bolsa, aq kepterler neshew?

Yadi'n'i'zda tuti'n':
Yekinshi ha'm u'shinshi ma'seleler birinshi ma'selege **keri.** Bul u'sh ma'sele wo'z ara keri ma'seleler boladi'.

2. Ko'beymelerdi qosi'ndi'g'a almasti'ri'p yesaplan':
$5 \cdot 3$ $6 \cdot 4$ $3 \cdot 9$ $7 \cdot 3$ $4 \cdot 5$

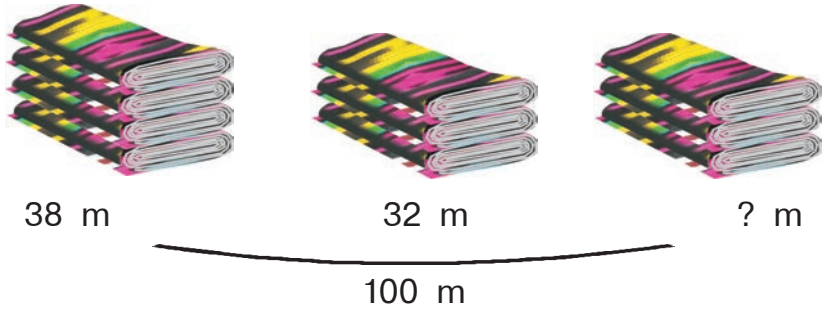
3. Woylap tap!



4. Ma'selelerdi sheshin':
1) 12 pomidor 2 tarelkag'a ten'dey bo'lip qoyi'ldi'. Ha'rbir tarelkag'a neshe pomidordan qoyi'lg'an?
2) 12 pomidor tarelkag'a 6 awdan qoyi'ldi'. Neshe tarelka kerek bolg'an?

5. Ten'lemelerdi sheshin':
$75 - x = 45$ $23 + x = 46$ $x - 14 = 31$

6. Su'wret boyi'nsha ma'sele du'zin' ha'm sheshin'. Du'zgen ma'selen'izdi wo'z ara keri ma'selege aylandi'ri'n':



7. Balalar ko'ylegine 2 m gezleme ketedi. Sonday 5 ko'ylekke neshe metr gezleme ketedi?

8. Qosi'wdi' ali'w menen, ali'wdi' qosi'w menen tekserin':

$54+36$ $60-24$ $32+29$ $72-34$

1. Ma'seleni sheshin' ha'm wog'an wo'z ara keri bolg'an ma'sele du'zin'.

Bir xojali'q ushi'n 45 as qasi'q, 23 shay qasi'q sati'p ali'ndi'. Bul xojali'q ushi'n barli'g'i' boli'p neshe qasi'q sati'p ali'ng'an?

2. $4\cdot3\square8\cdot2$ $18:3\square12:4$ $4\cdot4\square16:4$
$2\cdot9\square9\cdot2$ $21:7\square14:7$ $3\cdot5\square18:6$

3. Yeki kesindi si'zi'n'. $AB = 8$ sm, CD kesindisi wonnan 2 m uzi'n bolsi'n.

4. 12 kvadrat ha'r qatarg'a 6 awdan si'zi'ldi'. Kvadratlar neshe qatar boldi'?

5. Mi’sallardi’n’ sheshimin tabi’n’.

6. Mektep asxanasi’na harbirinde 6 kg nan 5 quti’ pechenie ali’p kelindi. Neshe kilogramm pechenie ali’p kelingen?

7. Mi’sallardi’ tekseriw menen sheshin’:

$\begin{array}{r} 41 \\ +\,19 \\ \hline \end{array}$ $\begin{array}{r} 70 \\ -\,24 \\ \hline \end{array}$ $\begin{array}{r} 57 \\ +\,32 \\ \hline \end{array}$ $\begin{array}{r} 92 \\ -\,61 \\ \hline \end{array}$ $\begin{array}{r} 36 \\ +\,45 \\ \hline \end{array}$

MA’SELELERDI JAZI’WDI’N’ KESTE USI’LI’

1. 1) Tigiwshi 6 qi’zlar ko’ylegin tikti. Ha’rbir ko’ylekke 2 m den atlas sarplandi’. Tigiwshi barli’g’i’ boli’p qansha gezleme sarplag’an?

Bir ko’ylekke sarplang’an gezleme	Ko’y-lek-ler sani’	Barli’q ko’ylekke sarplang’an gezleme
2 m	6	?
?	6	12 m
2 m	?	12 m

2) Yeki wo’z ara keri ma’sele du’zin’ ha’m sheshin’.

2. Mi'sallardi' tu'sindirip sheshin':

$$\begin{array}{r} 52 \\ +\ 29 \\ \hline \end{array} \qquad \begin{array}{r} 73 \\ -\ 21 \\ \hline \end{array} \qquad \begin{array}{r} 48 \\ +\ 37 \\ \hline \end{array} \qquad \begin{array}{r} 87 \\ -\ 56 \\ \hline \end{array} \qquad \begin{array}{r} 32 \\ +\ 46 \\ \hline \end{array}$$

3. Ma'selelerdin' sheshimlerin sali'sti'ri'n':

1) 18 da'pter 3 woqi'wshi'g'a ten'dey bo'lip berildi. Ha'rbir woqi'wshi' neshe da'pterden alg'an?

2) 18 da'pterdi woqi'wshi'larg'a 3 ewden bo'lip berildi. Neshe woqi'wshi' da'pter alg'an?

4. A'mel belgilerin ten'likler duri's bolatug'i'nday yetip qoyi'n':

30 □ 17 = 47 48 □ 26 = 22 86 □ 86 = 0

75 □ 24 = 51 57 □ 31 = 88 29 □ 0 = 29

5. Keste boyi'nsha an'latpa du'zin' ha'm sheshin':

Qosi'li'wshi'	67	55	19	38	53	84
Qosi'li'wshi'	3	14	21	5	27	16
Qosi'ndi'						

6. Du'kanda 48 lyustra bar yedi. Tu'ske shekem 20, tu'sten keyin 16 lyustra sati'ldi'. Du'kanda neshe lyustra qaldi'?

7. Mi'sallardi' sheshin':

$$\begin{array}{r} 88 \\ -\ 53 \\ \hline \end{array} \qquad \begin{array}{r} 61 \\ +\ 24 \\ \hline \end{array} \qquad \begin{array}{r} 56 \\ -\ 23 \\ \hline \end{array} \qquad \begin{array}{r} 34 \\ +\ 15 \\ \hline \end{array} \qquad \begin{array}{r} 95 \\ -\ 24 \\ \hline \end{array}$$

1. Keste boyi'nsha ma'sele du'zin' ha'm sheshin':

Ashi'ldi'	U'zildi	Qaldi'
48 gu'l	1-gu'lda'ste ushi'n — 18 2-gu'lda'ste ushi'n — 17	?

2. A'mel belgilerin ten'likler duri's bolatug'i'nday yetip qoyi'n':

$4\square 3=12$ $\quad 14\square 2=7$ $\quad 20\square 4=5$

$2\square 9=18$ $\quad 18\square 3=6$ $\quad 16\square 4=4$

3. «G'unsha» jurnali'na 18, «Bilimdan» jurnali'na 2 yese kem woqi'wshi' ag'za boldi'. Yeki jurnalg'a neshe woqi'wshi' ag'za bolg'an?

4. Ten'lemelerdi sheshin':

$27+x=39$ $\quad 49-x=42$ $\quad x-12=26$

5. Su'wretke qarap to'mendegishe sheshiletug'i'n ma'sele du'zin' ha'm woni' sheshin':

$12:2=\square$

$12:6=\square$

6. Tu'sirilip qaldi'ri'lg'an sanlardi' worni'na qoyi'n':

$25+4<25+\square$ $\quad 56-3>\square-2$

$70-8>70-\square$ $\quad 43+7<\square+9$

7. Bir xojali'qta 40 qoyan bag'i'lmaqta. Wolardi'n' 16 i' qara, 18 i aq, qalg'anlari' ku'lren'. Ku'lren' qoyanlar neshew?

8. $90-(53-27)$ $\quad 42+(28-20)$ $\quad 87-34+19$

$50+(48-10)$ $\quad 89-(40+39)$ $\quad 30+16-37$

BELGISIZ KO'BEYTIWSHINI TABI'W

1. 1) $6 \cdot 3 = 18$
$18 : 6 = 3$
$18 : 3 = 6$

6 ha'm 3 – ko'beytiwshiler; 18 — bul ko'beyme;

2) $2 \cdot 4 = 8$
$8 : 2 = 4$
$8 : 4 = 2$

Yeki sanni'n' ko'beymesi ko'beytiwshilerden birine bo'linse, yekinshi ko'beytiwshi payda boladi'.

2.

$3 \cdot 6 = 18$	$3 \cdot 4 = 12$	$8 \cdot 2 = 16$
$18 : 3 = \square$	$12 : 3 = \square$	$16 : 8 = \square$
$18 : 6 = \square$	$12 : 4 = \square$	$16 : 2 = \square$

Birinshi ko'beytiwshi qalay payda boldi'?
Yekinshi ko'beytiwshi qalay payda boldi'?

3. Ma'selelerdin' sheshiliwin sali'sti'ri'n':
1) I'di'slardi'n' ha'rbirine 6 kg nan pal quyi'lg'an.
2) I'di'sti'n' birine 6 kg, yekinshisine 2 kg pal quyi'lg'an. Yeki i'di'sta neshe kilogramm pal bar?

Ne ushi'n birinshi ma'sele ko'beytiw a'meli menen, yekinshi ma'sele qosi'w a'meli menen sheshiliwin tu'sindirin'.

4. Tu'sirilip qaldi'ri'lg'an sanlardi' worni'na qoyi'p jazi'n':

$8 \cdot 3 = 3 \cdot 8$	$5 \cdot 6 = \square \cdot 5$	$2 \cdot 7 = \square \cdot 2$
$7 \cdot 2 = 2 \cdot \square$	$6 \cdot 4 = 4 \cdot \square$	$4 \cdot 5 = 5 \cdot \square$

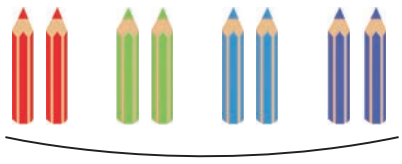
5. Birinshi ko'beytiwshi 4, yekinshi ko'beytiwshi 3, ko'beymeni tabi'n'.

6. Ha'rbir i'di'sqa 5 almadan sali'ndi'. 6 i'di'sta neshe alma bar?

7. Mi'sallardi' bag'ana tu'rinde jazi'p, a'mellerdi wori'nlan':

$45+13$	$62-14$	$55+28$
$60-24$	$54+36$	$97-52$

1. Ten'lemelerdi tu'sindirip sheshin':
Belgisiz ko'beytiwshini «x» dep alami'z.



U'lgi: $2 \cdot x = 8$

$x = 8 : 2$

$x = 4$

$2 \cdot 4 = 8$

$2 \cdot x = 10$ $\quad$ $x \cdot 5 = 15$ $\quad$ $3 \cdot x = 9$

Ko'beytiwshilerden biri belgisiz bolsa, ko'beymeni belgili bolg'an ko'beytiwshige bo'liw kerek.

2. Polkada 16 kese bar yedi. Polkadan birneshe kese ali'ng'annan keyin 6 kese qaldi'. Polkadan neshe kese ali'ng'an?

3.

Ko'beytiwshi	2		5	2	7	
Ko'beytiwshi	2	4	2		2	2
Ko'beyme		8		10		14

4. Mi'sallardi' u'lgide ko'rsetilgendey yetip sheshin':

$62-34\square 62-30$

$28<32$

$$\begin{array}{r} 62 \\ -\ 34 \\ \hline 28 \end{array} \qquad \begin{array}{r} 62 \\ -\ 30 \\ \hline 32 \end{array}$$

$90-24\square 80-24$

$87+13\square 13-87$

$64-30\square 42+30$

$47+53\square 57-43$

5. Quti'da 40 a'piwayi' ha'm ren'li qa'lemler bar yedi. Wolardan 28 i ren'li qa'lemler bolsa, a'piwayi' qa'lemler neshew bolg'an?

6. Feruza 18 ren'li qa'lemdi 6 dan quti'larg'a bo'lip saldi'. Barli'q qa'lemler ushi'n neshe quti' kerek?

7.
$$\begin{array}{r} 67 \\ +\ 14 \\ \hline \end{array} \qquad \begin{array}{r} 62 \\ -\ 45 \\ \hline \end{array} \qquad \begin{array}{r} 56 \\ +\ 35 \\ \hline \end{array} \qquad \begin{array}{r} 80 \\ -\ 29 \\ \hline \end{array} \qquad \begin{array}{r} 53 \\ +\ 47 \\ \hline \end{array}$$

1. Su'wretler boyi'nsha mi'sallardi'n' sheshiliwin tu'sindirin':

1) ?

$4\cdot 3+3=15$

$4\cdot 3=4+4+4=12$

$12+3=15$

2) ?

$3\cdot 5+5=20$

$3\cdot 5=3+3+3+3+3=15$

$15+5=20$

2. Ma'selelerdin' sheshiliwin sali'sti'ri'n':
1) Quti'da 12 ren'li qa'lem bar yedi. Yeger ha'r-bir bala 2 qa'lemnen alsa, bul qa'lemler neshe balag'a jetedi?
2) Quti'da 12 qa'lem bar yedi. 6 balani'n' ha'r-birine ten'dey qa'lem berildi, ha'rbir bala neshe qa'lemnen alg'an?

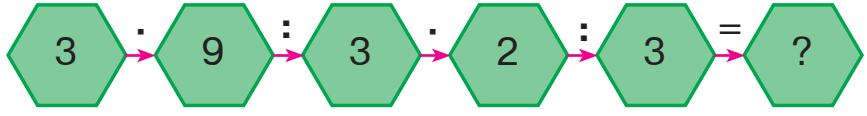
3. Kesteden juwabi' birdey bolg'an mi'sallardi' tabi'n':

14 : 7	2 · 7	28 : 7	18 : 3
7 · 2	18 : 6	10 : 5	21 : 3
9 : 3	14 : 2	8 : 2	12 : 2

4. Birinshi mi'saldi'n' na'tiyjesinen paydalani'p, yekinshi mi'saldi'n' ma'nisin tabi'n':
U'lgi: $18 : 6 = 3$
$18 : 6 - 2 = 3 - 2 = 1$

$18 : 2 = 9$	$14 : 2 = 7$	$15 : 3 = 5$
$18 : 2 + 1$	$14 : 2 + 13$	$15 : 3 + 17$

5. Mi'sallardi'n' sheshiliwin tu'sindirin':



6. 1) Birinshi ko'beytiwshi 8, yekinshi ko'beytiwshi 2, ko'beymeni tabi'n';
2) bo'liniwshi 14, bo'liwshi 2, tiyindini tabi'n'.

7.

$(75 + 5) - 70$	$90 - (57 + 3)$	$31 + (34 - 30)$
$(47 + 3) - 20$	$60 + (23 - 3)$	$45 - (15 + 15)$

BELGISIZ BO'LINIWSHINI TABI'W

1. Mi'sallardi' tu'sindirin' ha'm sheshin':

$8:2=4$
$8:4=2$
$4\cdot 2=8$

$6:2=3$
$6:3=2$
$3\cdot 2=6$

Bo'liniwshi tiyindige bo'linse, bo'liwshi payda boladi'.

Bo'liwshi tiyindige ko'beytilse, bo'liniwshi payda boladi'.

2. Ten'lemelerdi sheshin':

$3\cdot x=9$ $\quad x\cdot 5=10$ $\quad 2\cdot x=16$

3. Ma'selelerdi sheshin':

1) Beksultan 10 toti'qus sati'p aldi' ha'm wolardi' 5 tor ketekke ten'nen bo'lip saldi'. Ha'rbir tor ketekke neshe toti'qus sali'ng'an?

2) 10 toti'qus ali'p kelindi. Wolardi' ha'rbir tor ketekke 2 ewden sali'ndi'. Toti'quslar ushi'n neshe tor ketek kerek bolg'an?

4. $12:2=\square$ $\quad 10:5=\square$ $\quad 14:2=\square$ $\quad 16:2=\square$
$18:3=\square$ $\quad 10:2=\square$ $\quad 14:7=\square$ $\quad 15:3=\square$

5. Keste boyi'nsha berilgen ma'seleni sheshin':
1) Nasiba ha'rbir bankada 3 kg nan 4 bankag'a pal quydi'. Barli'g'i' boli'p neshe kilogramm pal bolg'an?

3 kg 3 kg 3 kg 3 kg

Bir banka-dag'i' pal	Banka-lar sani'	Barli'q bankalar-dag'i' pal
3 kg	4	? kg
? kg	4	12 kg
3 kg	?	12 kg

2) Yeki wo'z ara keri ma'sele du'zin', sali'sti'ri'n'.

6. An'latpani' jazi'n' ha'm woni'n' ma'nisin tabi'n':
26 menen 34 tin' qosi'ndi'si'nan 17 ni ali'n'.

7. Mi'sallardi' bag'ana tu'rinde jazi'n' ha'm sheshin':

54 – 24	67 + 13	51 – 28
62 + 17	52 – 14	74 + 16

MILLIMETR

1. Decimetr ha'm santimetrden kishi uzi'nli'q wo'lshem birligi — **millimetr** de bar. Si'zg'i'shtag'i' ha'rbir si'zi'q millimetrdi bildiredi.

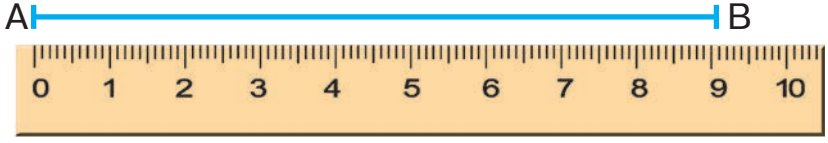
Si'zg'i'shtan bir santimetrdi ko'rsetin'. Wol neshe ten'dey bo'lekke bo'lingen? Ha'rbir bo'lek bir millimetrge ten'. **1 sm 10 millimetrge** ten':

1 sm = 10 mm

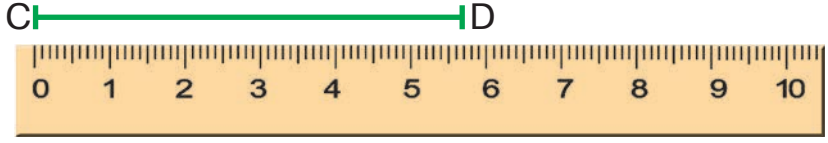
2. Qa'lemnin' uzi'nli'g'i'n si'zg'i'sh penen wo'lshen':

Qa'lemnin' uzi'nli'g'i' □ sm □ mm ge ten'.

3. *AB*, *CD* kesindilerinin' uzi'nli'qlari' qansha? Ha'r-bir kesindinin' uzi'nli'g'i'n wo'lshen'.



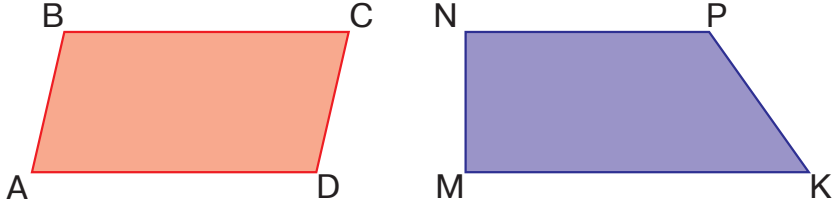
U'lgi: *AB* = 9 sm 1 mm.



4. Mi'sallardi' tu'sindirip sheshin':

$2 \cdot 5 = 10$	$7 \cdot 2 = 14$	$4 \cdot 5 = 20$
$10 : 2 = 5$	$14 : 7 = \square$	$20 : 4 = \square$
$10 : 5 = 2$	$14 : 2 = \square$	$20 : 5 = \square$

5. To'mendegi figuralardi'n' ha'rbir ta'repinin' uzi'n-li'g'i'n wo'lshen':



U'lgi: *AB* = 2 sm 4 mm.

6. Dem ali'w bag'i'na 29 tu'p qayi'n, 20 tu'p ma'jnu'ntal na'lleri yegildi. Qayi'n menen ma'jnu'ntal birgelikte qansha bolsa, sonnan 9 tu'p kem shi'rsha ag'ashi' na'li yegildi. Bag'qa neshe tu'p shi'rsha ag'ashi' na'li yegildi?

7. 53 sm + 27 sm 69 dm − 29 dm
98 dm − 48 dm 75 sm + 25 sm

WO'TILGENLERDI BEKKEMLEW

1. Mi'sallardi'n' sheshiliwin tu'sindirin':
«>, <, =» belgileri to'mendegi mi'sallarg'a duri's qoyi'lg'anli'g'i'n tekserin':

$5+3=8$	$10+9>10+2$
$15-5=10$	$40-4<50-2$
$3\cdot3=9$	$7\cdot2>6\cdot2$
Bular ten'likler	Bular ten'sizlikler

a) Ne ushi'n birinshi bag'anadag'i' mi'sallar ten'likler dep ayti'ladi'?
b) Ne ushi'n yekinshi bag'anadag'i' mi'sallar ten'sizlikler dep ayti'ladi'?

2. Ten'lemeni sheshin':
$x:3=9$ $x\cdot3=9$ $x:2=4$

3. Uzi'nli'g'i' 2 sm 4 mm, 6 sm 3 mm, 5 sm 2 mm bolg'an kesindiler si'zi'n'.

4. To'mendegi ten'likten ten'sizlikke mi'sallar du'zin':

U'lgi: $30+8<39$

$30+8=38$ $56-16=40$ $9\cdot3=27$
$75-5=70$ $67+13=80$ $12:4=3$

5.

$7 \cdot 3 = 21$	$6 \cdot 4 = 24$	$5 \cdot 3 = 15$
$21 : 7 = 3$	$24 : 6 = \square$	$15 : 5 = \square$
$21 : 3 = 7$	$24 : 4 = \square$	$15 : 3 = \square$

6. Avtosalonda bir ha'pte dawami'nda 37 jen'il mashina, wonnan 7 ge kem ju'k mashina sati'ldi'. Avtosalonda bir ha'pte dawami'nda barli'g'i' boli'p neshe mashina sati'lg'an?

7. Ketekshelerdin' ishine sonday a'mel belgilerin qoyi'n', na'tiyjede jazi'wlar duri's bolsi'n:

$30 \square 17 = 47$	$48 \square 26 = 22$	$69 \square 69 = 0$
$54 \square 24 = 30$	$47 \square 41 = 88$	$23 \square 20 = 3$

0, 1, 10 SANLARI'NI'N' QATNASI'NDA KO'BEYTIW HA'M BO'LIW

1, 0 DI SANG'A KO'BEYTIW

1. **$1 \cdot a = a$**

$1 \cdot 4 = 1 + 1 + 1 + 1 = 4$ $\quad$ $1 \cdot 4 = 4$

$1 \cdot 7 = 1 + 1 + 1 + 1 + 1 + 1 + 1 = 7$ $\quad$ $1 \cdot 7 = 7$

1 sani'n ha'rqanday sang'a ko'beytkende, sol sanni'n' wo'zi payda boladi'.

$0 \cdot a = 0$

$0 \cdot 4 = 0 + 0 + 0 + 0 = 0$ $\quad$ $0 \cdot 4 = 0$

$0 \cdot 7 = 0 + 0 + 0 + 0 + 0 + 0 + 0 = 0$ $\quad$ $0 \cdot 7 = 0$

Noldi ha'rqanday sang'a ko'beytkende, nol payda boladi'.

2. 1) Ko'beymeni qosi'ndi' menen almasti'ri'n' ha'm na'tiyjeni tabi'n':

$1 \cdot 6$	$0 \cdot 2$	$1 \cdot 5$	$0 \cdot 5$
$0 \cdot 3$	$1 \cdot 8$	$0 \cdot 4$	$1 \cdot 9$

2) Qosi'ndi'ni' ko'beyme menen almasti'ri'n':

$1+1+1+1+1+1+1+1+1+1 = 1 \cdot 9 = \square$

$0+0+0+0+0+0 = 0 \cdot 6 = \square$

3. Bir bankadag'i' yerik sherbeti 5 *l*. Yeki bankadag'i' yerik sherbeti neshe litr boladi'?

4. 1 menen 7 nin', 0 menen 6 ni'n', 1 menen 28 din' ko'beymesin tabi'n'.

5. Mi'sallardi' tu'sindirip sheshin':

$1 \cdot 2$	$1 \cdot 13$	$(43-42) \cdot 3$
$0 \cdot 5$	$1 \cdot 27$	$(17-17) \cdot 6$
$1 \cdot 9$	$1 \cdot 82$	$(35-34) \cdot 8$

6. Tigiwshi bir xalatqa 6 sa'dep taqti', sonday 3 xalatqa neshe sa'dep taqqan?

7.

$(49-48) \cdot 9$	$(38-37) \cdot 0$	$1 \cdot 42$
$(28-28) \cdot 5$	$(53-52) \cdot 8$	$0 \cdot 63$

SANDI' 1, 0 GE KO'BEYTIW

1. Mi'sallardi' tu'sindirin' ha'm sheshin':

$a \cdot 1 = a$

$8 \cdot 1 = 8$ $\quad$ $43 \cdot 1 = 43$ $\quad$ $75 \cdot 1 = 75$

Ha'rqanday sandi' 1 ge ko'beytkende, sol sanni'n' wo'zi payda boladi'.

a · 0 = 0

9 · 0 = 0 37 · 0 = 0 98 · 0 = 0

Ha'rqanday san nolge ko'beytilse, nol payda boladi'.

2. Mi'sallardi' tu'sindirin' ha'm sheshin':

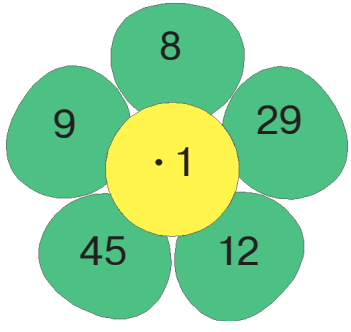
5 · 1	64 · 0	24 · (32 − 31)
13 · 1	57 · 1	45 · (18 − 18)
26 · 1	29 · 0	53 · (19 − 19)

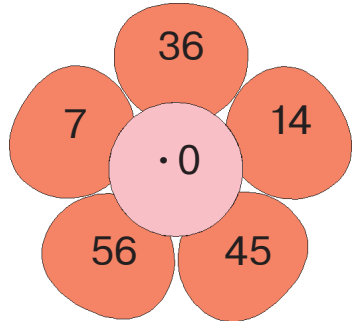
3. Ma'selelerdi sheshin':

1) U'sh do'n'gelekli 6 velosiped ushi'n neshe do'n'gelek kerek boladi'?

2) 18 woram toqi'ma jipten 6 jup shuli'q toqi'ldi'. Ha'r shuli'qqa neshe woram jip ketken?

4. Woyla, izle, tap!





5. Sanaq sho'plerinen paydalani'p tiyindini tabi'n':

1) bo'liniwshi 12, bo'liwshi 6, tiyindini tabi'n';

2) bo'liniwshi 9, bo'liwshi 3, tiyindini tabi'n'.

6. 1) U'lken bo'lmede ha'rbirinde 5 lampochkadan bolg'an 1 lyustra jag'i'ldi'. Neshe lampochka jani'p tur?

2) Ha'rbir kesege yekewden aq qant sali'ndi'. Sonday 6 kesede neshe aq qant bar?

7. $(28+12)\cdot 1$ $(45-45)\cdot 1$ $(29+21)\cdot 0$
$(50-29)\cdot 0$ $(25+14)\cdot 0$ $(56-14)\cdot 1$

SANDI' 1 GE BO'LIW

1. **a : 1 = a**

4 : 1 = 4 sebebi, $1\cdot 4=4$
8 : 1 = 8 sebebi, $1\cdot 8=8$

Ha'rqanday sandi' 1 ge bo'lgende, sol sanni'n' wo'zi payda boladi'.

2. Mi'sallardi' tu'sindirin' ha'm sheshin':

$1\cdot 9 = 9$	$1\cdot 24 = 24$	$1\cdot 68 = 68$
$9:1 = 9$	$24:1 = \square$	$68:1 = \square$
$9:9 = 1$	$24:24 = \square$	$68:68 = \square$

Qa'legen sandi' wo'zine-wo'zin bo'lgende, 1 payda boladi': **a : a = 1**

3. Klasta 34 woqi'wshi' bar. Wolardi'n' ha'rbirine 1 «G'umsha» jurnali'nan tarqati'ldi'. Barli'g'i' boli'p neshe «G'umsha» jurnali' tarqati'lg'an?

4. Kesteni tolti'ri'n':

a	5	45	0	98
a·1				
1·a				

a	8	16	35	65
a:1				
a:a				

5. Ma'selelerdi sheshin' ha'm wolardi'n' sheshimlerin sali'sti'ri'n':

1) 18 geshir 6 qoyang'a ten'dey bo'lip berildi. Ha'rbir qoyang'a neshe geshirden berilgen?

2) 23 da'pterdi 23 woqi'wshi'g'a ten'dey bo'lip berildi. Ha'rbir woqi'wshi' neshe da'pterden aldi'?

6. Du'kang'a sati'w ushi'n 21 quwi'rshaq, wonnan u'sh yese kem top ali'p kelindi. Du'kang'a barli'g'i' boli'p neshe top ali'p kelingen?

7. Sali'sti'ri'n':

$5 \cdot 1 \square 5 : 5$	$42 : 42 \square 6 \cdot 1$	$16 : 16 \square 19 : 1$
$27 \cdot 1 \square 27 : 1$	$58 \cdot 1 \square 58 : 1$	$18 : 18 \square 15 : 1$

0 GE BO'LIW MU'MKIN YEMES

1. $0 : 6 = 0$ sebebi, $0 \cdot 6 = 0$

$0 : 19 = 0$ sebebi, $0 \cdot 19 = 0$

0 : a = 0

Noldi ha'rqanday sang'a bo'lgende, nol shi'g'adi'.

Sandi' nolge bo'liw mu'mkin yemes. ~~a : 0~~

2. Mi'sallardi' tu'sindirin' ha'm sheshin':

$0 : 24 = \square$	$0 \cdot 75 = \square$	$0 : 68 = \square$
$0 \cdot 28 = \square$	$0 : 19 = \square$	$0 \cdot 13 = \square$

3. Mektep sport do'geregine 30 dana shaxmat ha'm shashka ali'p kelindi. Wolardan 18 i shaxmat bolsa, qansha shashka ali'p kelingen?

4. 50 sm − 30 sm 70 mm + 10 mm

20 dm + 20 dm 80 mm − 40 mm

5. Kesteden sheshimi 0 bolg'an mi'sallardi' tabi'n':

65 − 65	0 : 89	42 − 41	0 · 38
0 : 23	39 − 38	0 : 15	0 : 57
27 : 27	0 · 18	16 : 16	0 : 96

6. Du'kang'a birneshe yashikte pomidor ali'p kelindi. Tu'ske shekem 37 yashik sati'lg'annan keyin 13 yashik pomidor qaldi'. Du'kang'a da'slep neshe yashik pomidor ali'p kelingen?

7.
(25 − 25) : 1 0 · (38 − 17) (24 − 15) : 1
(46 − 45) : 1 0 : (67 + 13) (15 + 14) : 1

10 SANI' QATNASI'NDA KO'BEYTIW HA'M BO'LIW

1. Mi'sallardi' tu'sindirin' ha'm sheshin':

10 · 2 = 20 2 · 10 = 20

10 di' 2 ge ko'beytiw ushi'n 1 wonli'qti' 2 ge ko'beytiw kerek, na'tiyjede 2 wonli'q yamasa 20 payda boladi'.

Demek: 10 · 2 = 20 yamasa 2 · 10 = 20 bolsa, wonda 20 : 2 = 10, 20 : 10 = 2 boladi'.

2.

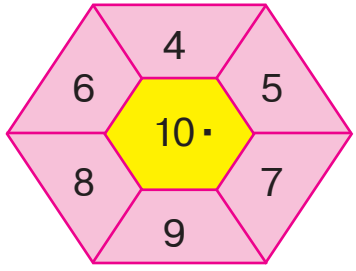
10 · 3	10 · 5	10 · 8	10 · 9
3 · 10	5 · 10	8 · 10	9 · 10
30 : 3	50 : 5	80 : 8	90 : 9
30 : 10	50 : 10	80 : 10	90 : 10

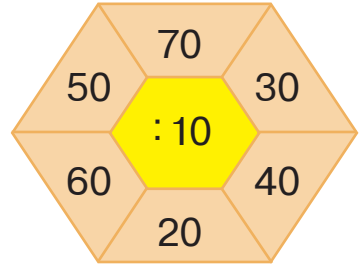
3. Miymanxanani'n' 10 aynasi' bar. Ha'rbir aynag'a 4 gu'ltu'bekten qoyi'lg'an. Aynadag'i' barli'q gu'ltu'bekler neshew?

4. Ten'lemelerdi sheshin':

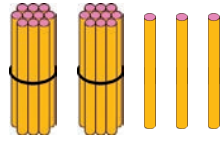
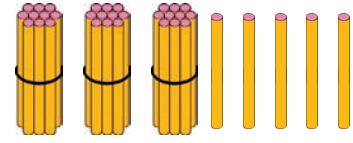
$29+x=60$	$x-26=40$	$80-x=53$
$58-x=50$	$41+x=64$	$x-15=35$

5. Yesaplan':

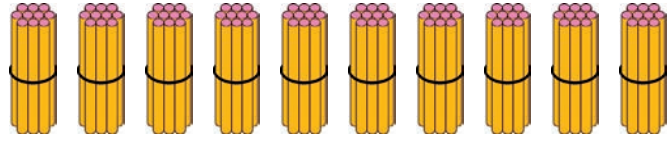




6. Ha'rbir su'wrette neshe sho'pten bar?

1) a)  b) 

2) Barli'q sho'pler neshew?



7. Asxanada sherbet tayarlaw ushi'n 10 kg nan 5 yashik keptirilgen miywe ali'p kelindi. Asxanag'a barli'g'i' boli'p neshe kilogramm keptirilgen miywe ali'p kelingen?

8. Sali'sti'ri'n':

$10 \cdot 4 \square 50 : 5$	$9 \cdot 10 \square 10 \cdot 9$	$80 : 8 \square 10 \cdot 8$
$10 \cdot 3 \square 30 : 3$	$7 \cdot 10 \square 10 \cdot 2$	$60 : 10 \square 10 \cdot 6$

10 SANI' QATNASI'NDA KO'BEYTIW HA'M BO'LIW KESTESI

1.

10 · 3	30 : 3	6 · 10	70 : 10
10 · 7	70 : 7	5 · 10	90 : 10

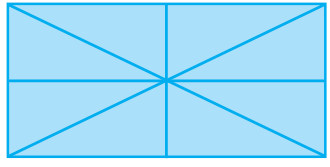
10 · 2 = 20	2 · 10	20 : 2	20 : 10
10 · 3 = 30	3 · 10	30 : 3	30 : 10
10 · 4 = 40	4 · 10	40 : 4	40 : 10
10 · 5 = 50	5 · 10	50 : 5	50 : 10
10 · 6 = 60	6 · 10	60 : 6	60 : 10
10 · 7 = 70	7 · 10	70 : 7	70 : 10
10 · 8 = 80	8 · 10	80 : 8	80 : 10
10 · 9 = 90	9 · 10	90 : 9	90 : 10
10 · 10 = 100	10 · 10	100 : 10	100 : 10

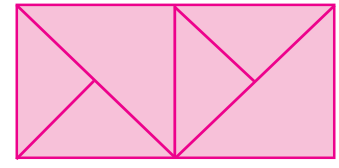
2. Ma'selelerdi sheshin' ha'm wolardi'n' sheshimlerin sali'sti'ri'n':

1) 30 kitap 10 woqi'wshi'g'a ten'dey bo'lip berildi. Ha'rbir woqi'wshi' neshe kitaptan alg'an?

2) 30 kitapti' woqi'wshi'larg'a 3 ewden bo'lip berildi. Neshe woqi'wshi' kitap alg'an?

3. Figuralardi' ha'ripler menen belgilen'. Ha'rbir figurada neshe u'shmu'yeshlikten bar?





4.

10 · 8 = □□	50 : 5 = □□	10 · 3 = □□
90 : 9 = □□	10 · 4 = □□	30 : 3 = □□

5. Keste boyi'nsha ma'sele du'zin' ha'm sheshin':
1) Ulzada bir qaltada 2 kg nan bolg'an 5 qalta konfeta sati'p aldi'. Ulzada barli'g'i' boli'p neshe kilogramm konfeta sati'p alg'an?

Bir qaltadag'i' konfetani'n' massasi'	Qalta-lar sani'	Barli'q qal-tadag'i' konfetani'n' massasi'
2 kg	5	? kg
2 kg	?	10 kg
? kg	5	10 kg

2) Yeki wo'z ara keri ma'sele du'zin', sheshin':

6. Mektep bag'i'nda shiye, yerik ag'ashlari' bar. Shiyenin' biyikligi 5 m, yeriktin' biyikligi 8 m. Qaysi' miywe ag'ashi' biyik? Qanshag'a biyik?

7. $(75+5)-70$ $(57+3):10$ $(59-50)\cdot 10$
$(58-8)+20$ $(43-3):10$ $(28-20)\cdot 10$

A'MELLERDI WORI'NLAW TA'RTIBI

1. To'mendegi an'latpalar qanday a'mellerdi wo'z ishine alg'an? Wolardi' tu'sindirip wori'nlan':
$27+3-5$ $50-20-9$ $12:2\cdot 4$ $3\cdot 6:2$

Qosi'w ha'm ali'wdi' yaki ko'beytiw ha'm bo'liwdi wo'z ishine alg'an qawsi'rmasi'z an'latpada a'meller qaysi' ta'rtipte jazi'lsa, sol ta'rtipte shepten won'g'a qaray wori'nlanadi'.
U'lgi: $46+4-8=50-8=42$
$15:3\cdot 4=5\cdot 4=20$

2. Keste boyi'nsha ma'sele du'zin' ha'm sheshin':

Bar yedi	Paydalani'ldi'	Qaldi'
1-topta — 24 *m* shi't 2-topta – 16 *m* shi't	10 metr shi't	? metr

3. Sali'sti'ri'n':

73 + 18 □ 91 – 45 80 – 35 □ 25 + 20

57 – 26 □ 32 + 29 24 + 36 □ 60 – 54

4. Kesteni tolti'ri'n':

Ko'beytiwshi	10	10	10	10	10	10	10	10
Ko'beytiwshi	2	3	4	5	6	7	8	9
Ko'beyme								

5. Ha'rbir jen'sizge 5 woram toqi'ma jip ketse, sonday 10 jen'sizge neshe woram jip ketken?

6. Mi'sallardi' sheshin':

67 – 40 + 3 24 + 12 – 6 8 · 3 : 4

20 + 18 – 6 28 – 13 – 5 12 : 2 · 3

1. An'latpalarda qanday a'meller bar? Bul a'mellerdi ta'rtip penen wori'nlan':

2 · 5 + 8 8 · 2 – 6 3 + 6 · 2

Qawsi'rmasi'z an'latpalarda da'slep ta'rtip penen ko'beytiw ha'm bo'liw, keyin ta'rtip penen shepten won'g'a qaray qosi'w ha'm ali'w wori'nlanadi'.

U'lgi: 16 – 2 · 3 = 16 – 6 = 10

18 : 2 + 4 · 4 = 9 + 16 = 25

2. Mi'sallardi' tu'sindirin' ha'm sheshin':

$2 \cdot 7 + 3$	$36 : 4 + 15$	$19 - 8 + 23$
$4 \cdot 4 - 4$	$21 : 3 + 14$	$32 + 8 - 20$

3. Ma'selelerdi sheshin':

1) Avtomobil ustaxanasi'nda bir ku'nde 10 mashina won'lanadi'. Ustaxanada 5 ku'nde neshe mashina won'lanadi'?

2) Wo'nerment bir ku'nde 5 gu'ze jasaydi'. Wo'nerment 6 ku'nde neshe gu'ze jasaydi'?

4.

$10 \cdot 5 \square 10 \cdot 2$	$50 : 5 \square 70 : 7$	$10 \cdot 3 \square 30 : 3$
$80 : 8 \square 90 : 9$	$10 \cdot 4 \square 10 \cdot 8$	$60 : 6 \square 10 \cdot 6$

5. Keste boyi'nsha ma'sele du'zin' ha'm sheshin':

Bir kostyumg'a ketken gezleme	Kostyumlar sani'	Barli'q kostyumg'a ketken gezleme
2 metr	10	?
2 metr	?	20 metr
?	10	20 metr

2) Yeki wo'z ara keri ma'sele du'zin' ha'm sheshin'.

6. Birinshi san 47, yekinshi san 23, u'shinshi san bolsa bul yeki sanni'n' qosi'ndi'si'nan 38 ge kem. U'shinshi sandi' tabi'n'.

7.

$9 \cdot 2 + 12$	$18 : 3 + 34$	$20 - 2 \cdot 5$
$3 \cdot 8 - 20$	$14 : 7 + 18$	$17 + 9 : 3$

1. 1) An'altpalardi'n' uqsasli'g'i'n, parqi'n ani'qlan':
$40-24:4=40-6=34$ $(40-24):4=16:4=4$
2) Ha'rbir an'latpani'n' ma'nisin tabi'wda a'mellerdi wori'nlaw ta'rtibin bilip ali'n'.

> 1) Yeger an'latpada qawsi'rmalar bolsa, wolardi'n' ishindegi a'mel birinshi wori'nlanadi';
> 2) Ko'beytiw ha'm bo'liw jazi'li'w ta'rtibi menen wori'nlanadi';
> 3) Qosi'w ha'm ali'w jazi'li'w ta'rtibi menen wori'nlanadi'.
>
> $75-(28+27)=75-55=20$
> $30:(27-17)=30:10=3$
> $59-18:2=59-9=50$

2. $80-(38+22)$ $(50-23):3$ $(24+18)-20$
$60:(39-29)$ $(40-38)\cdot 4$ $(32-17)+15$

3. Anvarda 26 sanaq sho'bi bar yedi. Birneshe wo'z aldi'na kvadrat jasag'annan son' 2 sho'p awi'si'p qaldi'. Anvar neshe kvadrat jasag'an?

4. Kesteni tolti'ri'n':

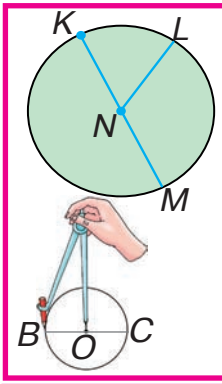
Bo'liniwshi	30	40	50	60	70	80	90
Bo'liwshi	3	4	5	6	7	8	9
Tiyindi							

5. Qaltada 32 g'oza bar yedi. 4 bala g'ozani' ten' bo'lisip aldi'. Ha'rbir bala neshe g'ozadan alg'an?

6. $(42+18)-30$ $90-(28+22)$ $39-18:2$
$(57-27)+15$ $50:(25-15)$ $15:5+7$

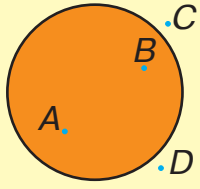
DO'N'GELEK. SHEN'BER WORAYI' HA'M RADIUSI'

1.



Su'wrette ko'rsetilgen — **do'n'gelek**. *NL* — **do'n'gelek radiusi'**, *KM* — **do'n'gelek diametri**. Shen'ber cirkul ja'rdeminde jasaladi'. Cirkul iynesi jaylasqan *O* noqati' **shen'ber worayi'** delinedi. *OC* — **shen'ber radiusi',** *BC* — **shen'ber diametri** boladi'.

2.



A'dette noqat lati'n alfavitinin' bas ha'ripleri menen belgilenedi. Mi'sali': *A* ha'm *B* noqati' do'n'gelektin' ishinde, *C* ha'm *D* noqati' bolsa do'n'gelektin' si'rti'nda jaylasadi'.

3. Bir topta 40 m shi't bar yedi. Prostina ushi'n 20 m, ko'pshik qabi' ushi'n 10 m shi't qi'rqi'p ali'ndi'. Topta neshe metr shi't qaldi'?

4. Ten'lemelerdin' sheshiliwin tu'sindirin':

$12:x=2$	$20:x=2$
$x=12:2$	$x=20:2$
$x=6$	$x=10$
$12:6=2$	$20:10=2$
$2=2$	$2=2$

5. Radiusi' 4 sm bolg'an shen'ber si'zi'n'.

6.

$46-16+19$	$(69-68)\cdot 9$	$27\cdot(75-74)$
$53+17-20$	$(38-38)\cdot 1$	$15\cdot(12-11)$

7. Yeger $b=10$ bolsa, $50:b$, $20:b$, $80:b$ an'latpasi'ni'n' ma'nisin tabi'n'.

KESTE ISHINDE KO'BEYTIW HA'M BO'LIW

2 NI KO'BEYTIW HA'M 2 GE BO'LIW

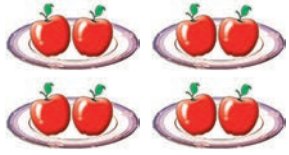
1.

$2+2=4$

$2\cdot 2=\square$

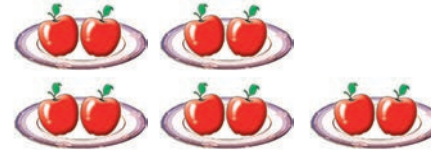
$2+2+2=6$

$2\cdot 3=\square$



$2+2+2+2=8$

$2\cdot 4=\square$



$2+2+2+2+2=10$

$2\cdot 5=\square\square$

Ko'beytiw kestesin yadta tuti'n':

$2\cdot 2=4$ $\quad$ $2\cdot 4=8$

$2\cdot 3=6$ $\quad$ $2\cdot 5=10$

2. $2\cdot 2+2$ $\quad$ $2\cdot 3+2$ $\quad$ $2\cdot 4+2$ $\quad$ $2\cdot 5+2$

3. Balalar ko'ylegine 2 m gezleme ketedi. Sonday 3 ko'ylekke neshe metr gezleme ketedi?

4. Ten'lemelerdi sheshin':

$x\cdot 2=4$ $\quad$ $x\cdot 2=6$ $\quad$ $x\cdot 2=8$ $\quad$ $x+2=10$

5. Qosi'wg'a tiyisli mi'sallardi' ko'beytiwge tiyisli mi'sallar menen almasti'ri'p sheshin':

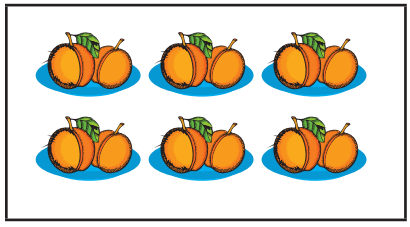
U'lgi: $2+2=2\cdot 2$

$2+2+2$ $\quad$ $2+2+2+2$ $\quad$ $2+2+2+2+2$

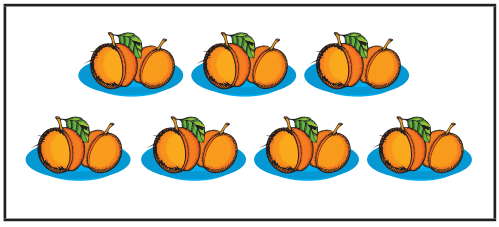
6. Mansur 2 tor ketektin' ha'rbirine 4 keklikten jaylasti'rdi'. Tor keteklerde barli'g'i' boli'p neshe keklik bar?

7. $(50+20)+9$ $\quad 60+(27-7)$ $\quad (30+10)+7$
$(40-10)+8$ $\quad 70-(17+3)$ $\quad (80-10)+5$

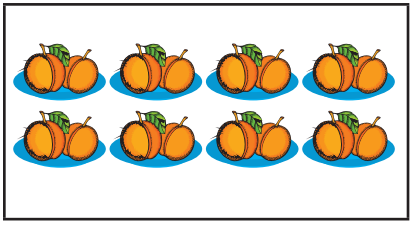
1. Mi'sallardi'n' sheshiliwin tu'sindirin':



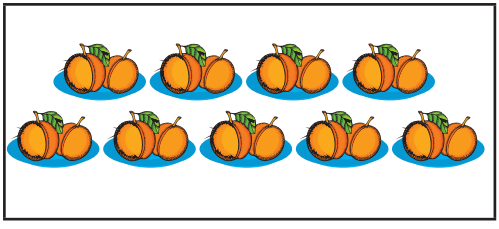
$2+2+2+2+2+2=12$
$2\cdot 6=\square\square$



$2+2+2+2+2+2+2=14$
$2\cdot 7=\square\square$



$2+2+2+2+2+2+2+2=16$
$2\cdot 8=\square\square$



$2+2+2+2+2+2+2+2+2=18$
$2\cdot 9=\square\square$

Ko'beytiw kestesin yadta tuti'n':

$2\cdot 6=12$ $\quad 2\cdot 8=16$
$2\cdot 7=14$ $\quad 2\cdot 9=18$

2. Mi'sallardi' sheshin':

$2\cdot 6+2$ $\quad 2\cdot 7+3$ $\quad 2\cdot 8+2$ $\quad 2\cdot 9+2$
$2\cdot 2+3$ $\quad 2\cdot 3+4$ $\quad 2\cdot 5+3$ $\quad 2\cdot 4+2$

3. Uzi'nli'g'i' 12 sm bolg'an lentani' 2 ten'dey bo'lekke bo'lin'. Bir lentani'n' uzi'nli'g'i'n wo'lshen'. Wori'nlang'an jumi's boyi'nsha bo'liwge tiyisli mi'sal du'zin' ha'm da'pterin'izge jazi'n':

4. Su'wret boyi'nsha ma'sele du'zin' ha'm sheshin':

2 kg 2 kg 2 kg 2 kg 2 kg

Ha'rbir qaltadag'i' pechenienin' massasi' 2 kg. 5 qaltadag'i' pechenienin' massasi' qansha?

5. Keste boyi'nsha ma'sele du'zin' ha'm sheshin':

1 banka-dag'i' sherbet	Banka-lar sani'	Barli'q bankadag'i' sherbet
2 litr	6	?
2 litr	?	12 litr
?	6	12 litr

6. Ayzada sharlardi' 2 ewden jipke bayladi'. Sonday 6 baylamda neshe shar bar?

7. $20+20+20$ | $25+25+25$ | $30+30+30$

$70-(20+20)$ | $90-(25+25)$ | $90-(30+30)$

1. Bes kishi akvariumni'n' ha'rbirinde 2 bali'qtan, al u'lken akvariumda bolsa 8 bali'q bar. Akvariumlardi'n' barli'g'i'nda neshe bali'q bar?

a) Bes kishi akvariumda neshe bali'q bar?
b) Barli'q akvariumdag'i' bali'qlar neshew?

2. Mi'sallardi'n' sheshiliwin tu'sindirin':

$2 \cdot 6 + 7 = \square\square$
$2 \cdot 6 = 12$
$12 + 7 = 19$

$3 \cdot 5 - 4 = \square\square$
$3 \cdot 5 = 15$
$15 - 4 = 11$

3. Mi'sallardi' tu'sindirin' ha'm sheshin':

$2 \cdot 4 + 8$ $\quad$ $2 \cdot 5 + 13$ $\quad$ $2 \cdot 9 - 8$

4. Kestedegi an'latpalardi'n' ma'nisin tabi'n':

Ko'beytiwshi	2	2	2	2	2	2	2
Ko'beytiwshi	3	4	5	6	7	8	9
Ko'beyme							

5. Ha'rbir tarelkada 2 almadan bar. 5 tarelkada neshe alma bar?

2 $\quad$ 2 $\quad$ 2 $\quad$ 2 $\quad$ 2

6. Mektep asxanasi'na ha'rbirinde 2 kg nan 7 qalta un keltirildi. Neshe kg un ali'p kelingen?

7. $2 \cdot 6 + 12$ $\quad$ $2 \cdot 9 - 10$ $\quad$ $(59 - 58) \cdot 19$
$2 \cdot 8 + 14$ $\quad$ $2 \cdot 5 + 20$ $\quad$ $(28 + 12) : 10$

2 NI KO'BEYTIW HA'M 2 GE BO'LIW KESTESI

1. Kesteden juwabi' 8, 12, 14, 16, 18 ge ten' mi'sallardi' woqi'n'. Bul kesteni yadta tuti'n'.

2·2=4		4:2	
2·3=6	3·2	6:2	6:3
2·4=8	4·2	8:2	8:4
2·5=10	5·2	10:2	10:5
2·6=12	6·2	12:2	12:6
2·7=14	7·2	14:2	14:7
2·8=16	8·2	16:2	16:8
2·9=18	9·2	18:2	18:9

Yekewden sanan'.

2	4	6	8	10	12	14	16	18

2. Mi'sallardi' tu'sindirin' ha'm sheshin':

2:2= □	8:2= □	14:2= □
4:2= □	10:2= □	16:2= □
6:2= □	12:2= □	18:2= □

3. 18 kg gu'rish 2 qaltag'a ten' bo'lip sali'ndi'. Ha'rbir qaltag'a neshe kg nan gu'rish sali'ng'an?

4. 14 kg ma'sh 7 qaltag'a ten' bo'lip sali'ndi'. Ha'rbir qaltag'a neshe kg nan ma'sh sali'ng'an?

5. Keste boyi'nsha ma'sele du'zin' ha'm sheshin':

Bir bankadag'i' alma sherbeti	Bankalar sani'	Barli'q bankadag'i' alma sherbetinin' massasi'
2 litr	9	? litr
2 litr	?	18 litr
? litr	9	18 litr

Yeki wo'z ara keri ma'sele du'zin' ha'm sheshin'.

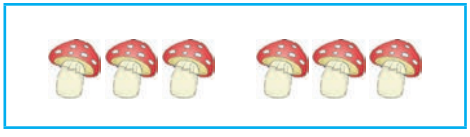
6. Anvar 16 ren'li qa'lemlerdi 2 quti'g'a ten' bo'lip jaylasti'rdi'. Wol ha'rbir quti'g'a neshe qa'lemnen jaylasti'rg'an?

7.

6 : 2 + 14	10 : 2 + 43	12 : 2 + 24
8 : 2 + 16	18 : 2 + 11	14 : 2 + 7
4 : 2 + 18	18 : 2 − 9	16 : 2 − 5

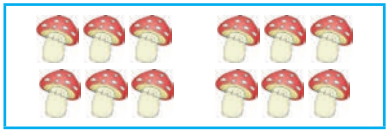
3 TI KO'BEYTIW HA'M 3 KE BO'LIW

1.



3 + 3 = 6
3 · 2 = □

3 + 3 + 3 = 9
3 · 3 = □



3 + 3 + 3 + 3 = 12
3 · 4 = □□

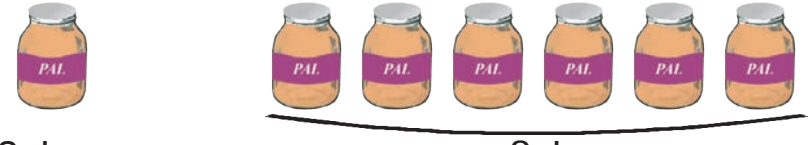
3 + 3 + 3 + 3 + 3 = 15
3 · 5 = □□

Ko'beytiw kestesin yadta tuti'n':

$3 \cdot 2 = 6$	$3 \cdot 4 = 12$
$3 \cdot 3 = 9$	$3 \cdot 5 = 15$

2. $3 \cdot 2 + 3$ $\quad$ $3 \cdot 3 + 3$ $\quad$ $3 \cdot 4 + 3$ $\quad$ $3 \cdot 5 + 3$

3. Su'wret boyi'nsha ma'sele du'zin' ha'm sheshin':



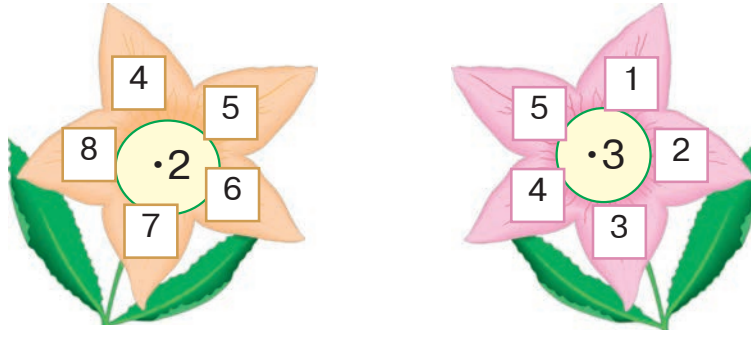
3 kg $\quad$? kg

4. Qosi'wg'a tiyisli mi'sallardi' ko'beytiwge tiyisli mi'sallar menen almasti'ri'p sheshin':

U'lgi: $3 + 3 = 3 \cdot 2$

$3 + 3 + 3$ $\quad$ $3 + 3 + 3 + 3$ $\quad$ $3 + 3 + 3 + 3 + 3$

5. Yesaplan':



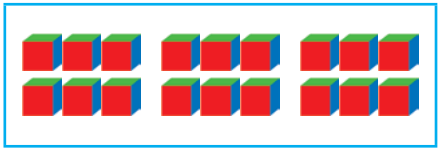
6. 1 i'di'sta 3 litr paxta mayi' bar. 3 i'di'sta neshe litr paxta mayi' bar? 5 i'di'sta-she?

7. Sali'sti'ri'n':

$3 + 3 \square 3 \cdot 2$ $\quad$ $3 + 3 + 3 + 3 \square 3 \cdot 5$

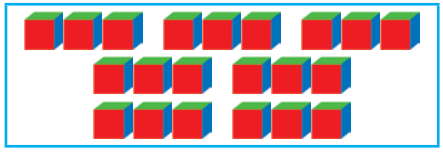
$3 + 3 + 3 \square 3 \cdot 4$ $\quad$ $3 + 3 + 3 + 3 + 3 \square 3 \cdot 3$

1. Mi'sallardi'n' sheshiliwin tu'sindirin':



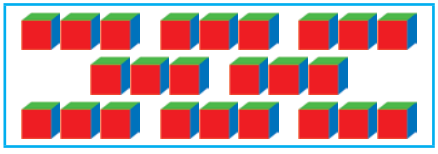
3+3+3+3+3+3=18

3·6=□□



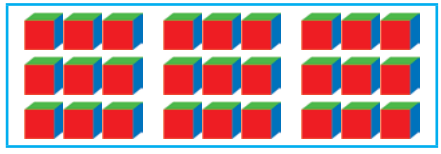
3+3+3+3+3+3+3=21

3·7=□□



3+3+3+3+3+3+3+3=24

3·8=□□



3+3+3+3+3+3+3+3+3=27

3·9=□□

Ko'beytiw kestesin yadta tuti'n':

3·6=18	3·8=24
3·7=21	3·9=27

2. Bir tarelkada 3 limon bar. Sonday 6 tarelkada neshe limon bar?

3. 3·6 + 3 3·7 + 3 3·8 + 3 3·9 + 3

4. Bir bankag'a 3 *l* shiye sherbeti ketedi. 8 bankag'a sherbet quyi'lg'annan son' ja'ne 16 *l* awi'si'p qaldi'. Da'slep neshe litr sherbet bolg'an?

5. Birinshi ko'beytiwshi 3, yekinshi ko'beytiwshi 5. Ko'beymeni tabi'n'.

6. Ha'rbir sharfqa 3 woram toqi'ma jip ketse, sonday 7 sharfqa neshe woram jip ketken?

7. Sali'sti'ri'n':

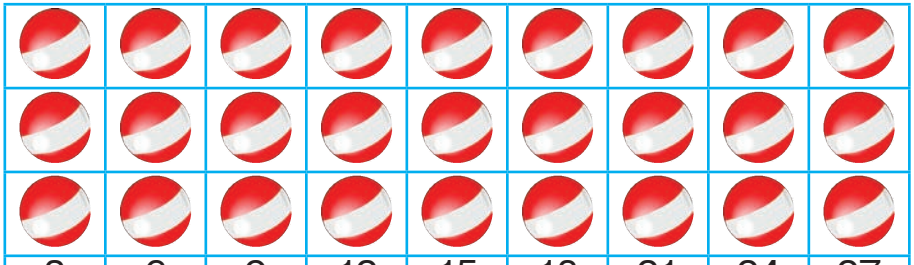
3·2 □ 3·6	2·7 □ 3·4	2·8 □ 3·8
3·7 □ 3·3	3·9 □ 2·9	3·5 □ 2·6

3 TI KO'BEYTIW HA'M 3 KE BO'LIW KESTESI

1. Kesteden sheshimi 15, 18, 21, 24, 27 ge ten' bolg'an mi'saldi' tabi'n'.

3·3=9		9:3	
3·4=12	4·3	12:3	12:4
3·5=15	5·3	15:3	15:5
3·6=18	6·3	18:3	18:6
3·7=21	7·3	21:3	21:7
3·8=24	8·3	24:3	24:8
3·9=27	9·3	27:3	27:9

U'shewden sanan'.



2.
3:3=□ 12:3=□ 21:3=□
6:3=□ 15:3=□ 24:3=□
9:3=□ 18:3=□ 27:3=□

3. Ma'sele sha'rtinin' su'wretin si'zi'n', sheshin': Bakte 27 *l* benzin boli'p, 3 i'di'sqa ten' bo'lip quyi'ldi'. Ha'r i'di'sqa neshe litr benzin quyi'lg'an?

4. 21 kg qumsheker bar. Qumshekerdi 3 kg nan qaltalarg'a sali'ndi'. Neshe qalta kerek bolg'an?

5. Kestedegi an'latpalardi'n' ma'nisin tabi'n':

Ko'beytiwshi	3	3	3	3	3	3	3
Ko'beytiwshi	3	4	5	6	7	8	9
Ko'beyme							

6. Uzi'nli'g'i' 18 sm bolg'an lentani' 3 sm den bo'leklerge bo'lin'. Neshe bo'lek payda boldi'?

7. Mi'sallardi' sheshin':

$3 \cdot 7 + 9$ $\quad$ $15 : 3 + 25$ $\quad$ $3 \cdot 9 - 7$

$8 \cdot 2 + 4$ $\quad$ $27 : 3 - 9$ $\quad$ $7 \cdot 2 - 4$

1. Ma'selelerdin' sheshiliwin tu'sindirin':

1) Ha'rbir tarelkag'a 2 almurttan qoyi'ldi'. 10 almurt neshe tarelkag'a qoyi'ldi'? Awi'si'p qalg'an almurt bar ma?

2) Aldi'ng'i' ma'seledegi 10 sani'n 7, 8, 9 sanlari' menen almasti'ri'n', su'wretten paydalani'p wo'zin'iz tazadan ma'sele du'zip sheshin'.

3) 3, 4, 6, 7, 8, 9, 10 sanlari'ni'n' qaysi'lari' 2 ge bo'linedi?

2 ge bo'linetug'i'n sanlar **jup** sanlar, 2 ge bo'linbeytug'i'n sanlar **taq** sanlar delinedi.

2. 13, 15, 16, 8, 12, 6, 18, 21, 23, 24 sanlar qatari'nan da'slep barli'q jup sanlardi', keyin barli'q taq sanlardi' ko'shirip jazi'n'.

3. Mektepke 18 kompyuter ali'p kelindi ha'm 3 klasqa ten'dey bo'lip berildi. Ha'rbir klasqa neshe kompyuter berilgen?

4.

Bo'liniwshi	6	9	12	15	18	21	24	27
Bo'liwshi	3	3	3	3	3	3	3	3
Tiyindi								

5. An'latpalardi'n' ma'nislerin tabi'n':

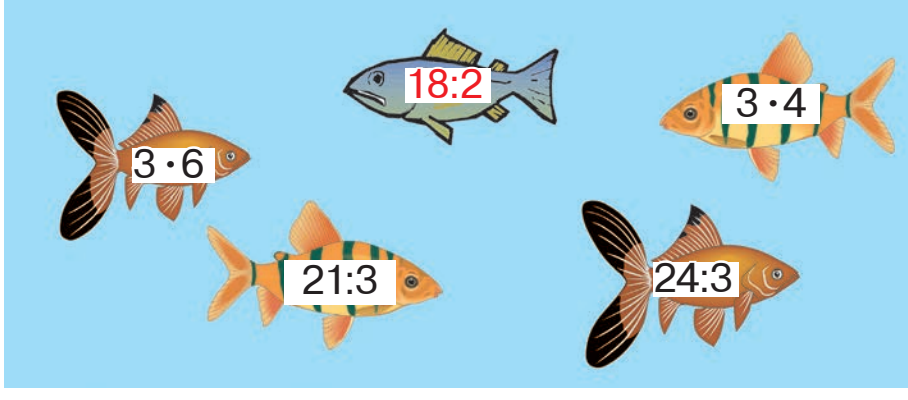
1) 2 ha'm 8, 3 ha'm 4, 3 ha'm 9 sanlari'ni'n' ko'beymesi; 2) 18 ha'm 2, 24 ha'm 3, 15 ha'm 3 sanlari'ni'n' tiyindisi.

6. Yeki kesindi si'zi'n': $AB = 7$ sm 4 mm, CD kesindisi bolsa wonnan 3 mm qi'sqa bolsi'n.

7.

$14:2+43$	$3\cdot7-21$	$(45-30):3$
$18:3+24$	$3\cdot8-20$	$(56-40):2$

1. Bali'qlardag'i' mi'sallardi'n' sheshimin wo'sip bari'w ta'rtibinde jazi'n':



2. 27 woqi'wshi' muzi'ka do'gereginde 3 ewden toparlarg'a bo'lindi. Neshe topar payda boldi'?

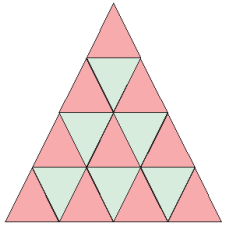
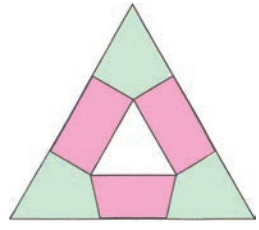
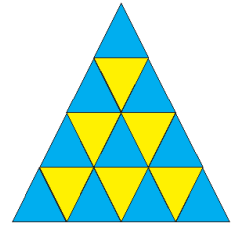
3. Bir top gezlemeden 3 qari'ydarg'a 6 m den sati'lg'annan keyin, 12 m gezleme qaldi'. Da'slep neshe metr gezleme bolg'an?

4. Mi'sallardi' u'lgide ko'rsetilgendey yetip sheshin':
U'lgi: $(58 - 43) : 3 = 5$

$$\begin{array}{r} 58 \\ -\,43 \\ \hline 15 \end{array} \qquad 15 : 3 = 5$$

$(38 - 26) : 3$	$(16 + 11) : 3$	$3 \cdot 6 + 12$
$(70 - 49) : 3$	$(10 + 10) : 2$	$2 \cdot 9 + 12$

5. Su'wrettegi figuralardi' da'pterin'izge si'zi'n' ha'm wolardi' boyan':

6. Gu'lzadag'a dosti' yeki disk sawg'a yetti. Birinshi diskte 3 multfilm, yekinshi diskte bolsa wonnan u'sh ma'rte ko'p multfilm jazi'lg'an. Yeki diskte neshe multfilm jazi'lg'an?

7. A'mel belgilerin ten'likler duri's bolatug'i'nday yetip qoyi'n':

$3 \cdot 9 = 27$	$21 \square 3 = 7$	$16 \square 2 = 8$
$2 \square 8 = 16$	$18 \square 2 = 9$	$27 \square 9 = 3$

WO'TILGENLERDI BEKKEMLEW

1. Kesteni tolti'ri'n':

Azayi'wshi'	68	58	80	79	47	36	98
Ali'ni'wshi'		56		30	27		48
Ayi'rma	40		70			26	

2. Baqshani'n' janli' mu'yeshi ushi'n 12 toti'qus ali'p kelindi. Toti'quslar yeki tor ketekke ten'nen sali'ndi'. Ha'rbir tor ketekke neshe toti'qustan sali'ng'an?

3. Sonday sanlar qoyi'n', na'tiyjede ten'likler duri's bolsi'n:

5 sm 3 mm = □□mm 62 dm = □m □dm
7 dm 2 sm = □□sm 28 mm = □sm□mm

4.

2·8 □ 3·5	24 : 3 □ 27 : 3	16 : 2 □ 2 · 7
3·9 □ 2·9	18 : 3 □ 15 : 3	21 : 3 □ 14 : 2
2·7 □ 7·2	15 : 3 □ 21 : 3	27 : 3 □ 16 : 2

5.

3 ma'rte artti'ri'n'				
4	6	5	7	8

3 ma'rte kemeyttirin'				
12	15	18	9	21

6. Juwi'ri'w jari'si'nda qatnasi'w ushi'n 15 ul bala 3 komandag'a ten' bo'lindi. Ha'rbir komandada neshe baladan bar?

7.

2·9+2	(30+23)·0	(54−24)·0
3·4+8	(89−88):1	(27+13)·1

1. Fermer xojali'g'i'nda 9 ju'k mashinasi', wonnan 3 ma'rte kem jen'il mashina bar. Fermer xojali'g'i'nda neshe jen'il mashina bar?
Ma'selege sonday soraw qoyi'n', na'tiyjede wol yeki a'mel menen sheshiletug'i'n bolsi'n.

2. Ten'lemelerdi sheshin':

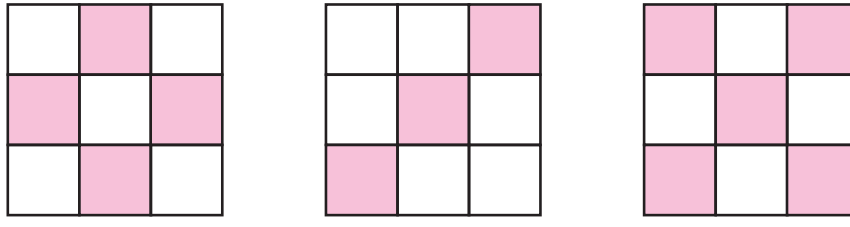
$5+x=8$	$x\cdot 2=12$	$18:x=2$
$x-3=8$	$x\cdot 3=15$	$24:x=3$

3. Keste boyi'nsha berilgen mi'sallardi' sheshin':

$43+24$	$2\cdot 9$	$27:3$	$74+26$
$75-25$	$64+30$	$3\cdot 6$	$18:3$
$24:3$	$58-27$	$42+28$	$3\cdot 5$

4. Qi'sqa jazi'w boyi'nsha ma'sele du'zip sheshin':
Shaxmat do'gereginde — 27 woqi'wshi'
Shashka do'gereginde — ?, 7 ge kem woqi'wshi'

5. Figuralardi' da'pterin'izge si'zi'n' ha'm boyan':



6. Sport komandasi'nda 27 futbol tobi' bar yedi. Woyi'n ma'wsiminde 23 top ali'p kelindi. Komandada barli'g'i' boli'p neshe futbol tobi' bar?

7.

$(18+3):3$	$(68-41):3$	$2\cdot(17-8)$
$(12+6):2$	$(56-35):3$	$3\cdot(15-6)$

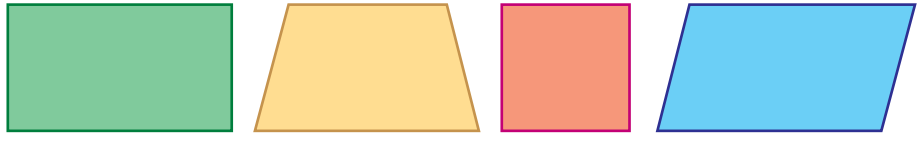
1. U'ydi won'law ushi'n 1-ku'ni 24, 2-ku'ni birinshi ku'ndegiden 6 g'a arti'q, 3-ku'ni birinshi ha'm yekinshi ku'ni birgelikte qansha bolsa, sonsha taxta keltirildi. 3-ku'ni neshe taxta keltirilgen?

2. $49+27 \square 35+18$ $\quad$ $87-42 \square 79-38$
$58-50 \square 39-30$ $\quad$ $55+25 \square 68+22$

3. Kesteni tolti'ri'n':

Qosi'li'wshi'	51	26	42		63		48
Qosi'li'wshi'	28		30	56	25	45	32
Qosi'ndi'		80		90		90	

4. Bul figuralardi'n' arasi'nda to'rtmu'yeshlikler ko'p pe yamasa tuwri'mu'yeshlikler ko'p pe? Wolardi'n' to'belerin ha'ripler menen belgilen':



5. 12, 14, 15, 16, 18, 21 sanlari'ni'n' qaysi' biri 3 ke bo'linedi?

6. Mug'allim woqi'wshi'larg'a 29 si'zi'qli' da'pter ha'm sonsha shaqmaq da'pter tarqatti'. Sonnan keyin mug'allimde 12 da'pter qaldi'. Da'slep mug'allimde neshe da'pter bolg'an?

7. $3 \cdot 5+15$ $\quad$ $3 \cdot 9-27$ $\quad$ $2 \cdot 8+14$
$3 \cdot 8-24$ $\quad$ $3 \cdot 6+12$ $\quad$ $2 \cdot 9-18$
$3 \cdot 7+19$ $\quad$ $3 \cdot 3+11$ $\quad$ $3 \cdot 4+12$

4 TI KO'BEYTIW HA'M 4 KE BO'LIW

1.

4 8 12 16 20

24 28 32 36

Ko'beytiw kestesin yadta tuti'n':

4·4=16	4·6=24	4·8=32
4·5=20	4·7=28	4·9=36

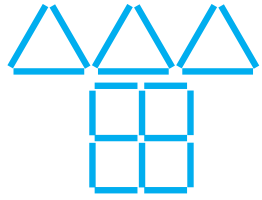
2. 4·2+4 4·3+4 4·4+4 4·5+4
4·6+4 4·7+4 4·8+4 4·9+4

3. Su'wret boyi'nsha ma'sele du'zin' ha'm sheshin':

4 kg ? kg

4. 3·5□4·6 21:3□16:4 20:4□36:4

5. Ha'r yeki figuradag'i' sanaq sho'ptin' sani' ten' boli'wi' ushi'n birinshi figurag'a neshe sanaq sho'p kerek boladi'?



6. Hayallar xalati'na 4 m gezleme ketedi. Sonday 9 xalatqa neshe metr gezleme ketedi?

7. (47−46)·16 (42−27):3 (17+13):10
(28+22):10 (15+12):3 (32+28):10

4 TI KO'BEYTIW HA'M 4 KE BO'LIW KESTESI

1. Kesteden paydalani'p, juwabi' 24, 28, 32, 36 g'a ten' mi'sallardi' tabi'n':

4·4=16		16:4	
4·5=20	5·4	20:4	20:5
4·6=24	6·4	24:4	24:6
4·7=28	7·4	28:4	28:7
4·8=32	8·4	32:4	32:8
4·9=36	9·4	36:4	36:9

2. Bir tarelkada 4 anar bar. 8 tarelkada-she?

3. 4 □ 8 = 32 24 □ 4 = 6 36 □ 4 = 9

4. Balalar baqshasi' ushi'n 20 quwi'rshaq ali'p kelindi. Wolar 4 toparg'a ten'dey bo'lip berildi. Ha'rbir toparg'a neshe quwi'rshaqtan berilgen?

5. Kesteni tolti'ri'n':

Ko'beytiwshi	4	4	4	4	4	4	4
Ko'beytiwshi	3	4	5	6	7	8	9
Ko'beyme							

6. Ha'rbir vazag'a 4 gu'lden qoyi'w kerek. 16 gu'l ushi'n neshe vaza kerek?

7. 12:4=□ 24:4=□ 32:4=□
16:4=□ 28:4=□ 36:4=□

1.

1) Uzi'nli'g'i' 12 sm bolg'an lenta ali'n'. Woni' bu'klew joli' menen yeki ten'dey bo'lekke bo'lin'. Ha'rbir bo'lek bul lentani'n' yari'mi' yesaplanadi'. Lentani'n' yari'mi' neshe santimetr yekenin tabi'n': 12:2=6 sm. Woni' wo'lshew joli' menen tekserin'. 2) Lentani' bu'klew joli' menen 4 ten'dey bo'lekke bo'lin'. Usi' lentani'n' to'rtten bir bo'legi neshe santimetr yekenin tabi'n'.

2. $3 \cdot 9 \square 4 \cdot 4$ $16:4 \square 12:3$ $12:4 \square 24:4$
$4 \cdot 5 \square 3 \cdot 8$ $20:4 \square 15:3$ $3 \cdot 8 \square 4 \cdot 8$

3. Su'wret boyi'nsha ma'sele du'zin', sheshin':

6 dana 4 vazada — ? dana anar

4. Ten'lemelerdi sheshin':
$15+x=37$ | $18-x=5$ | $3 \cdot x=21$ | $x:2=8$

5. $a=3$ ha'm $b=9$ bolsa, an'latpalardi'n' ma'nisin tabi'n':
$a \cdot 6+a$ | $a \cdot 7+a$ | $27:a+a$ | $b:3+b$

6. Birinshi yashikte 16 kg, yekinshi yashikte 12 kg shege bar. 8 kg shege paydalani'lg'annan son', neshe kilogramm shege qaldi'?

7. Ten'lemelerdi sheshin':
$40:x=10$ $40:x=4$ $20:x=20$

MA’SELELER HA’M WOLARDI’N’ SHESHIMLERIN SALI’STI’RI’W

1. Qi’sqa jazi’w boyi’nsha ma’sele du’zip sheshin’:

Bar yedi — 10 konfeta Jelindi — 3 ha’m 2 Qaldi’ — ? konfeta	I usi’l □□–(□+□)	II usi’l (□□–□)–□

2. A’mel belgilerin duri’s qoyi’n’:

4 □ 6 = 24	32 □ 4 = 8	20 □ 4 = 16
4 □ 9 = 36	28 □ 4 = 7	20 □ 4 = 24

3. Kesteni tolti’ri’n’:

Bo’liniwshi	16	20	12	24	28	32	36
Bo’liwshi	4	4	4	4	4	4	4
Tiyindi							

4. 15, 16, 19, 20, 24, 27, 28 sanlari’ni’n’ qaysi’ biri 4 ke bo’linedi?

5. An’latpalardi’ jazi’n’ ha’m ma’nisin tabi’n’:

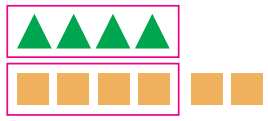
1) 4 ha’m 8, 3 ha’m 9, 4 ha’m 5 tin’ ko’beymesi; 2) 36 ha’m 4, 27 ha’m 3, 28 ha’m 4 sanlari’ni’n’ tiyindisi.

6.

(17 + 11) : 4	(67 – 43) : 3	(77 – 41) : 4
(58 – 31) : 3	(18 + 14) : 4	(11 + 10) : 3

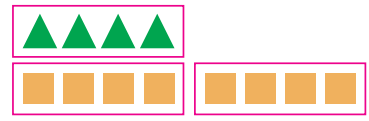
7. Ha’rbiri 4 kg nan 6 quti’ konfeta sati’p ali’ndi’. Ali’ng’an barli’q konfetani’n’ massasi’ qansha?

1. Su'wret boyi'nsha ma'seleni sali'sti'ri'p sheshin':

1) 

U'shmu'yeshlikler 4. Kvadratlar sonsha, ja'ne 2 wi berilgen. Kvadrat u'shmu'yeshlikten 2 ge arti'q, u'shmu'yeshlik kvadrattan 2 ge kem.

$4+2=6$ $6-4=2$

2) 

U'shmu'yeshlikler 4. Kvadrat 4 ten 2 ma'rte berilgen. Kvadrat u'shmu'yeshlikten 2 yese ko'p, u'shmu'yeshlik kvadrattan 2 yese kem.

$4 \cdot 2=8$ $8:2=4$

2. Ma'selelerdin' sheshiliwin sali'sti'ri'n':

1) Mektep bag'i'na 9 tu'p yerik, wonnan 4 tu'p arti'q shiye na'lleri ali'p kelindi. Mektep bag'i'na uluwma qansha miywe na'li ali'p kelingen?

2) Mektep bag'i'na 9 tu'p yerik, wonnan 4 yese ko'p shiye na'li ali'p kelingen. Mektep bag'i'na uluwma neshe miyweli terek na'li keltirilgen?

3.

$4 \cdot 2+32$	$7 \cdot 4-16$	$24:4+14$
$3 \cdot 8-14$	$2 \cdot 9+12$	$32:4+12$

4. Sonday sanlar qoyi'n', na'tiyjede ten'lik ha'm ten'sizlikler duri's bolsi'n:

7 sm 2 mm = □□ mm | 6 m 8 dm < □□ dm

4 sm 5 mm > □□ mm | 43 sm = □□ sm □□ mm

5. Sho'plerden paydalani'p tiyindini tabi'n':

a) bo'liniwshi 16, bo'liwshi 4, tiyindini tabi'n';

b) bo'liniwshi 24, bo'liwshi 4, tiyindini tabi'n'.

6.

$(75-39):4$	$(19+13):4$	$2 \cdot 9+12$
$(14+13):3$	$(71-57):2$	$3 \cdot 7-12$

1. Ma'selelerdi tu'sindirip sheshin':
1) Miynet sabag'i'nda Nasiba 2, Ayzada bolsa wonnan 4 ke arti'q ayi'w jasadi'. Ayzada neshe ayi'w woyi'nshi'g'i'n jasag'an?
2) Miynet sabag'i'nda Nasiba 2, Ayzada bolsa 4 ma'rte ko'p ayi'w woyi'nshi'g'i'n jasadi'. Ayzada neshe ayi'w woyi'nshi'g'i'n jasag'an?

Yadi'n'i'zda tuti'n'!
Sandi' birneshe ma'rte artti'ri'w ushi'n sanlar ko'beyttiriledi, birneshe birlik artti'ri'w ushi'n sanlar qosi'ladi'.

2. Mi'sallardi' tu'sindirip sheshin':

4 ke artti'ri'n'				
16	20	24	28	32

4 ma'rte artti'ri'n'				
5	6	7	8	9

3. 19 kg alma ha'm 17 kg almurtti' ha'rbir qaltag'a 4 kg nan jaylasti'ri'ldi'. Neshe qalta kerek bolg'an?

4. A'mel belgilerin duri's qoyi'n':

18□18=1	32□4=8	4□9=36
21□21=0	24□3=8	3□9=27

5. Uzi'nli'g'i' 16 sm bolg'an jip ali'n'. Woni'n' bir bo'legin, to'rtten bir bo'limin bu'klew joli' menen tabi'n'.

6.

3 · 7+9	21:3+7	(91−67):3
4 · 9+4	28:4−7	(19+17):4

7. Shi'rshani'n' biyikligi 16 m, aq terek bolsa wonnan 4 m uzi'n. Aq terektin' uzi'nli'g'i' qansha?

1. Ma’selelerdi tu’sindirip sheshin’:

1)

Qi’zi’l pomidorlar 8, jasi’l pomidor bolsa wonnan 4 ma’rte kem. Jasi’l pomidorlar neshew?

2) Bir bidonda 12 litr, yekinshi bidonda bolsa wonnan 3 ma’rte kem su’t bar. Yekinshi bidonda neshe litr su’t bar?

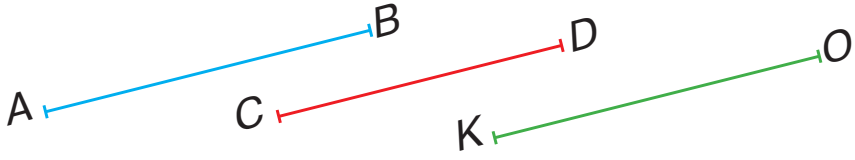
2. Bos ketekshelerdi tolti’ri’n’:

$4 \cdot \square = 16$	$3 \cdot \square = 12$	$64 : \square = 8$
$\square \cdot 5 = 20$	$\square \cdot 2 = 14$	$\square\square : 9 = 9$

3. Ten’lemelerdi sheshin’:

$27 + x = 52$ $\quad 42 - x = 12$ $\quad 3 \cdot x = 15$ $\quad x : 4 = 6$

4. *AB*, *CD*, *KO* kesindilerin cirkul ja’rdeminde sali’sti’ri’n’. Kesindilerdi da’pterin’izge si’zi’n’.



5. a=8 bolg’anda, $3 \cdot a$, $a : 2$, $8 \cdot a$, $a \cdot 5$ an’latpalari’ni’n’ ma’nisin tabi’n’.

6. Du’kanda 49 televizor bar yedi. Tu’ske shekem 19, tu’sten keyin 10 televizor sati’ldi’. Du’kanda neshe televizor qaldi’?

Ma’seleni yeki usi’l menen sheshin’:

7. Sali’sti’ri’n’:

$7 \cdot 4 \square 9 \cdot 3$	$21 : 3 \square 24 : 4$	$12 : 3 \square 16 : 4$
$4 \cdot 5 \square 3 \cdot 8$	$28 : 4 \square 18 : 3$	$32 : 4 \square 27 : 3$

1. Berilgen ma'selelerdi sheshin' ha'm sali'sti'ri'n':

1)

16 kg

? 4 kg kem

2)

16 kg

? 4 ma'rte kem

2.

4 ke kemeyttirin'				
8	12	20	15	39

4 ma'rte kemeyttirin'				
8	24	16	32	28

3. Ma'selenin' sheshiliwin sali'sti'ri'n':
1) Bir ketekte 24, yekinshi ketekte 4 ke kem qoyan bar. 2-ketekte neshe qoyan bar?
2) Bir ketekte 24, 2-ketekte wonnan 4 yese kem qoyan bar. 2-ketekte neshe qoyan bar?

Sandi' birneshe birlikke kemeyttiriw ushi'n sannan sol birlik ali'nadi'. Sandi' birneshe ma'rte kemeyttiriw ushi'n san sol birlikke bo'linedi.

4.

3·6	3·9	3·5	3·8	3·7
4·6	4·9	4·5	4·8	4·7

5. Keste boyi'nsha ma'sele du'zin' ha'm sheshin':

Bar yedi	Sarplandi'	Qaldi'
36 m gezleme	kostyumge — 16 m shalbarg'a — 14 m	? m

6. Sonday san qoyi'n', ten'lik duri's bolsi'n:

20 : □ = 5	32 : □ = 8	4 · □ = 16
28 : □ = 7	36 : □ = 9	4 · □ = 24

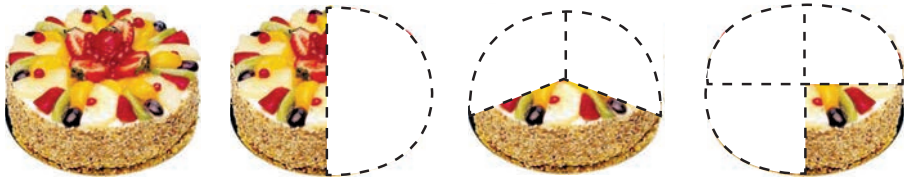
1. 14 sm li lentani' 2 ten'dey bo'lekke bo'lin'. Da'pterin'izge si'zi'p, yari'mi'n tawi'p boyan':

Yari'm — bul ha'rqanday pu'tin na'rsenin' yeki ten'dey bo'leginen biri yesaplanadi'.

2. Bir pu'tin tortti' ali'n'. Woni' ten' yekige bo'lin', yekige bo'lingen bo'lekti ja'ne yekige bo'lin':

a) pu'tin tortti' ko'rsetin';

b) tortti'n' yekiden bir bo'legin, u'shten bir bo'legin, to'rtten bir bo'legin ko'rsetin':



Pu'tinnin' to'rtten bir bo'legi sherek delinedi.

3. Uzi'nli'g'i' 8 sm, 12 sm bolg'an yeki lenta si'zi'n'. 1-lentani' ten' 2 ge, 2-lentani' ten' 4 ke bo'lin'.

4. Qawsi'rmalardi' sonday yetip qoyi'n', na'tiyjede ten'likler duri's bolsi'n:

$50 - 18 : 4 = 8$ $\quad 4 \cdot 5 + 27 = 47$ $\quad 36 : 4 + 21 = 30$

5. Nafisa 4 kg nabatti' ten' yekige bo'lip, qaltalarg'a saldi'. Ha'rbir qaltag'a neshe kilogramm nabat sali'ng'an?

6.

$4 \cdot 4 + 23$	$15 : 3 + 45$	$59 - 29 + 18$
$2 \cdot 9 + 12$	$21 : 3 + 13$	$35 + 35 - 70$

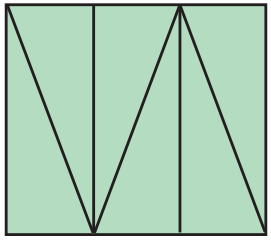
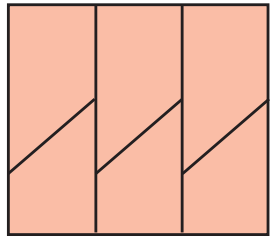
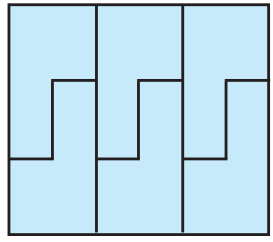
1. 18 : 2 + 21 32 − 32 : 4 18 − 18 : 2
14 : 2 + 47 36 + 36 : 4 50 + 20 : 4

2. Qi'sqa jazi'w boyi'nsha ma'sele du'zin' ha'm woni' sheshin':

1-shelekte — 12 kg 2-shelekte — ?, 2 kg kem	1-shelekte — 12 kg 2-shelekte — ?, 2 ma'rte kem

3. 12 : 3 ha'm 15 : 3 28 : 4 ha'm 18 : 2
16 : 4 ha'm 20 : 4

4. Figuralardi' da'pterin'izge si'zi'n' ha'm boyan'.

5. Xojali'q i'ssi'xanadan qalag'a 3 mashina limon jiberdi. Birinshi mashinada 27 yashik, yekinshi mashinada birinshidegiden 3 yashik arti'q limon jibergen. I'ssi'xanadan qalag'a yekinshi mashinada qansha limon jiberilgen?

6. Ma'selege baylani'sli' su'wret si'zi'n' ha'm woni' sheshin':
4 qoyanni'n' ha'rbirine 3 geshirden berildi. Qoyanlarg'a barli'g'i' boli'p neshe geshir berilgen?

7. 16 : 2 + 16 : 4 25 + 15 : 3 40 : 10 + 56
18 : 3 + 18 : 2 28 − 21 : 3 50 : 10 + 39

1. 1) Mektep asxanasi'na 4 sebette alma ali'p kelindi. Ha'rbir sebette 10 kg nan alma bolsa, barli'g'i' boli'p neshe kilogramm alma ali'p kelingen?

Bir sebetke ketken alma	Sebetler sani'	Barli'q almalardi'n' sani'
10 kg	4	? kg
? kg	4	40 kg
10 kg	? kg	40 kg

2) Yeki wo'z ara keri ma'sele du'zin', sheshin'.

2. 7 sm = □□ mm 50 mm = □ sm
6 sm = □□ mm 80 mm = □ sm

3. 15 kg ko'k alma ha'm 13 kg qi'zi'l alma ha'r qaltag'a 4 kg nan sali'ndi'. Neshe qalta kerek? Buni' (15 + 13) : 4 an'latpasi' boyi'nsha sheshin'.

4. Ten'lemelerdi sheshin':
$6 + x = 14$ $48 - x = 17$ $x \cdot 3 = 12$ $x : 3 = 5$

5. An'latpalar du'zin' ha'm woni'n' ma'nisin tabi'n':
1) 6 ha'm 3, 7 ha'm 2 sanlari'ni'n' ko'beymesi;
2) 16 ha'm 4, 32 ha'm 4 sanlari'ni'n' tiyindisin.

6. Ha'rbiri 4 kg nan 8 qalta ma'sh sati'p ali'ndi'. Ali'ng'an barli'q ma'shtin' massasi' qansha?

7. A'mel belgilerin ten'likler duri's bolatug'i'nday yetip qoyi'n':
72 – 50 = 22 9 □ 4 = 36 28 □ 4 = 7
38 □ 15 = 53 8 □ 2 = 16 24 □ 3 = 8

1. Ma'seleler ha'm wolardi'n' sheshiliwi nesi menen uqsas, nesi menen pari'qlanadi'?

1) Gu'lnaz birinshi ku'ni kitapti'n' 8 betin, 2-ku'ni birinshi ku'ndegiden 3 bet arti'q woqi'di'. Wol yekinshi ku'ni neshe bet woqi'g'an?

2) Gu'lnaz birinshi ku'ni kitapti'n' 8 betin, 2-ku'ni birinshi ku'ndegiden 3 ma'rte arti'q bet woqi'di'. Wol yekinshi ku'ni neshe bet woqi'g'an?

2. $3 \cdot 4 \square 4 \cdot 3$ $\quad 12 : 3 \square 12 : 4$ $\quad 24 : 4 \square 24 : 6$

$4 \cdot 5 \square 4 \cdot 7$ $\quad 21 : 3 \square 28 : 4$ $\quad 32 : 4 \square 36 : 4$

3. Su'wret boyi'nsha ma'sele du'zin', sheshin':

6 kg $\quad$ 4 shelekte — ? kg

4. Birinshi bag'anag'a sanlar ko'beymesin, yekinshi bag'anag'a sanlar tiyindisin jazi'n':

$36 : 4 \mid 4 \cdot 7 \mid 3 \cdot 9 \mid 27 : 3 \mid 18 : 3 \mid 4 \cdot 5.$

5. Bir ta'repi 5 sm, yekinshi ta'repi wonnan 3 sm kishi tuwri'mu'yeshlik si'zi'n', perimetrin tabi'n'.

6. Qawsi'rmalardi' sonday yetip qoyi'n', na'tiyjede ten'likler duri's bolsi'n:

$50 - 10 + 30 = 70$ $\quad 15 + 3 \cdot 5 = 30$

$80 - 50 + 10 = 20$ $\quad 60 - 24 : 4 = 9$

1. A'mel belgilerin ten'likler duri's bolatug'i'nday yetip qoyi'n':

8 □ 4 = 32	6 □ 3 = 18	9 □ 3 = 27
8 □ 4 = 2	6 □ 3 = 2	9 □ 3 = 3
8 □ 4 = 12	6 □ 3 = 9	9 □ 3 = 12
8 □ 4 = 4	6 □ 3 = 3	9 □ 3 = 6

2. An'latpalardi'n' ma'nislerin tabi'n':

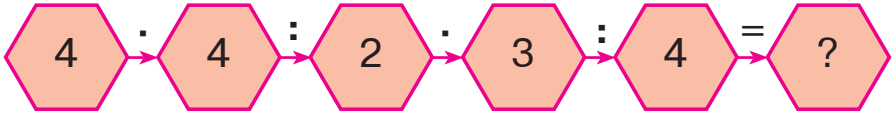
1) 10 ha'm 6, 8 ha'm 10 sanlari'ni'n' ko'beymesi;
2) 18 ha'm 3, 90 ha'm 10 sanlari'ni'n' tiyindisi;
3) 2 ha'm 7, 3 ha'm 8 sanlari'ni'n' ko'beymesi;
4) 16 ha'm 4, 24 ha'm 4 sanlari'ni'n' tiyindisi.

3. Ten'lemelerdi sheshin':

$8 + x = 24$ | $35 - x = 21$ | $x \cdot 2 = 12$ | $x : 3 = 4$

4. Ta'repleri 4 sm 6 mm ha'm 2 sm 2 mm bolg'an tuwri'mu'yeshlik si'zi'n'. Wolardi'n' to'belerin ha'ripler menen belgilen'.

5. Mi'sallardi' tu'sindirip sheshin':



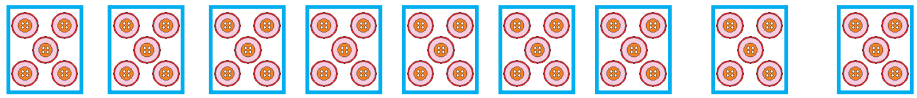
6. Sebettegi mazali' gu'lshelerdi 12 balag'a 2 ewden berilgennen son' 4 gu'lshe qaldi'. Da'slep sebette neshe gu'lshe bolg'an?

7.

(15 + 12) : 3	36 : (24 − 20)	3 · 3 · 2
(76 − 40) : 4	24 : (15 − 11)	4 · 4 : 2

5 TI KO'BEYTIW HA'M 5 KE BO'LIW

1.



5 10 15 20 25 30 35 40 45

$5 \cdot 5 = 25$		$25 : 5$	
$5 \cdot 6 = 30$	$6 \cdot 5 = 30$	$30 : 5$	$30 : 6$
$5 \cdot 7 = 35$	$7 \cdot 5 = 35$	$35 : 5$	$35 : 7$

2. Bir qaltada 5 kg ma'sh bar. Sonday 7 qaltada neshe kilogramm ma'sh bar?

3. Su'wret boyi'nsha ma'sele du'zin' ha'm sheshin':

4.

$5 \cdot 5 + 15$	$30 : 5 \cdot 2$	$5 \cdot 5 + 20$
$5 \cdot 7 - 30$	$25 : 5 \cdot 3$	$5 \cdot 6 + 30$
$4 \cdot 7 + 20$	$20 : 4 \cdot 5$	$4 \cdot 6 + 14$

5. 25, 26, 30, 32, 35, 40 sanlari'ni'n' qaysi' biri 5 ke bo'linedi?

6. Ustaxanada 30 stul ha'm stullardan 5 ma'rte kem stollar tayarlandi'. Barli'g'i' boli'p neshe stol ha'm stul tayarlang'an?

7.

$5 \cdot 3 + 25$	$5 \cdot 5 - 15$	$5 \cdot 7 + 35$
$5 \cdot 4 + 20$	$5 \cdot 6 + 10$	$4 \cdot 9 - 30$

1. Kesteden sheshimi 40, 45, 8, 9 g'a ten' bol-g'an mi'sallardi' tabi'n':

5·8=40	8·5	40:5	40:8
5·9=45	9·5	45:5	45:9

2. Xojali'qtan qarazg'a 40 qap biyday, wonnan 5 qapqa kem arpa ali'p kelindi. Qarazg'a neshe qap arpa ali'p kelingen?
Ma'selege sonday soraw qoyi'n', na'tiyjede wol yeki a'mel menen sheshiletug'i'n bolsi'n.

3. Su'wret boyi'nsha ma'sele du'zin' ha'm sheshin':

5 litr ? litr sherbet

4. 25 metrli arqanni'n' besten bir bo'legin tabi'n'.

5. Kesteni tolti'ri'n':

Ko'beytiwshi	5	5	5	5	5	5	5
Ko'beytiwshi	3	4	5	6	7	8	9
Ko'beyme							

6. Yeger $b=20$ bolsa, ha'rbir an'latpani'n' ma'nisin tabi'n':

$b:5$ $b+56$ $b+(b-10)$ $(b+b):5$

7. $5\cdot5+25$ $36:4\cdot2$ $(73-64)\cdot5$
$8\cdot3-20$ $35:5\cdot3$ $(26+19):5$

5 TI KO'BEYTIW HA'M 5 KE BO'LIW KESTESI

1. Kesteni yadta tuti'n':

5·5=25		25:5	
5·6=30	6·5	30:5	30:6
5·7=35	7·5	35:5	35:7
5·8=40	8·5	40:5	40:8
5·9=45	9·5	45:5	45:9

2. 5·2 □ 4·9 8·3 □ 6·4 40:5 □ 36:4
5·5 □ 3·7 7·5 □ 5·7 45:5 □ 36:4

3. I'ssi'xanadan bir gu'lda'ste ushi'n 5 gu'l u'zdi. Sonday 9 gu'lda'ste ushi'n neshe gu'l u'zgen?

4. Kesteni tolti'ri'n':

Bo'liniwshi	15	20	25	30	35	40	45
Bo'liwshi	5	5	5	5	5	5	5
Tiyindi							

5. Uzi'nli'g'i' 9 sm ge ten' lenta si'zi'n', woni' bu'klew joli' menen u'sh ten'dey bo'lekke bo'lin'. Ha'rbir bo'lekte neshe santimetr lenta bar?

6. Du'kang'a ha'rbirinde 10 kg nan 5 yashik alma keltirildi. Tu'ske shekem 40 kg alma sati'lg'an bolsa, ja'ne neshe kg alma qaldi'?

7. (18+17):5 (65−25):8 5·(6+4)
(79−34):5 (19+16):7 4·(7+3)

1. Aeradromda 4 vertolyot ha'm 12 samolyot bar yedi. Samolyot vertolyotlardan neshe ma'rte ko'p? Vertolyot samolyottan neshe ma'rte kem?

2. Mektep bag'i'na 4 tu'p shiye ha'm 8 tu'p behi na'li woti'rg'i'zi'ldi'. Behi shiyeden neshe ma'rte ko'p? Shiye behiden neshe ma'rte kem?

Yadi'n'i'zda tuti'n':
Bir san yekinshi sannan neshe ma'rte kem yekenin biliw ushi'n u'lken sandi' kishi sang'a bo'liw kerek.

3. To'mendegi tapsi'rmalardi' wori'nlan':

1) Kubiklerdin' yari'mi' neshew?

2) Kubiklerdin' u'shten bir bo'legi qansha?

3) Kubiklerdin' to'rtten bir bo'legi qansha?

4. Ten'lemelerdi sheshin':

$x \cdot 7 = 49$ $\quad 64 : x = 8$ $\quad 81 : x = 9$ $\quad x \cdot 3 = 12$

5. Mektep ustaxanasi'na baylani'sli' ma'sele du'zin' ha'm woni' sheshin':

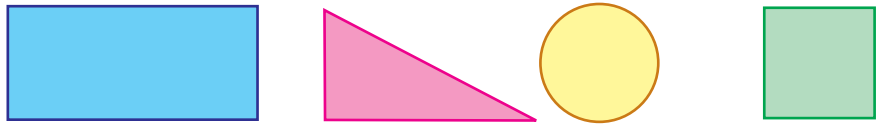
Bar yedi	Keltirildi	Boldi'
Ustaxana a'sbaplari' — 36	Qol pi'shaq — 27 Sho'kkish — 27	?

6. $5 \cdot 9 - 4 \cdot 8$ $\quad 40 : 5 + 32 : 4$ $\quad 5 \cdot (11 - 5)$

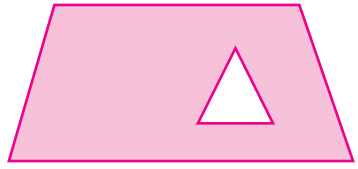
$5 \cdot 8 + 4 \cdot 3$ $\quad 36 : 4 - 18 : 3$ $\quad 4 \cdot (18 - 9)$

FIGURALARDI'N' MAYDANI'

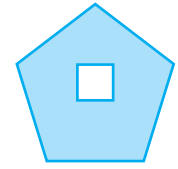
1. To'mendegi figuralardi'n' maydanlari'n ko'z benen shamalap sali'sti'ri'n':



2. 1)

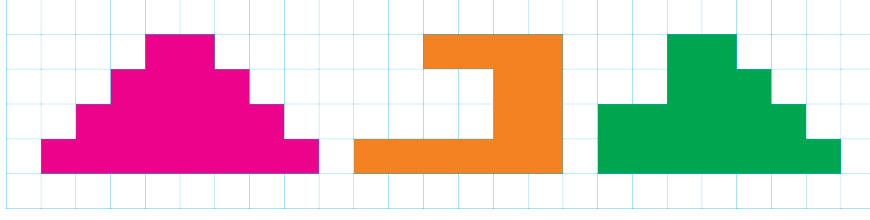


2)



1-figurada u'shmu'yeshlik to'rtmu'yeshliktin' ishine toli'q jaylasqan; 2-figurada kvadrat besmu'yeshliktin' ishine toli'q jaylasqan. Bul u'shmu'yeshliktin' maydani' to'rtmu'yeshliktin' maydani'nan kishi, kvadratti'n' maydani' besmu'yeshliktin' maydani'nan kishi. **Maydan** — bul wo'lshew mu'mkin bolg'an shama.

3. Ha'rbir figuradag'i' ten' kvadratlardi' sanap, figuralardi'n' maydani'n sali'sti'ri'n'. Figuralardi'n' maydani'n shamalap, u'sti-u'stine qoyi'p sali'sti'ri'w mu'mkin be?



4. Uzi'nli'g'i' 41 m bolg'an si'mnan 5 m qi'rqi'p ali'ndi'. Qalg'an si'm 4 ten'dey bo'lekke bo'lindi. Ha'rbir bo'lek si'm neshe metrge ten'?

5. 36 : 4 ha'm 35 : 5 | 16 : 4 ha'm 30 : 5 | 2 · 9 ha'm 3 · 6

6. 49 kg miywe bar. Varenie tayarlaw ushi'n 20 kg, sherbet tayarlawg'a 19 kg miywe paydalani'ldi'. Neshe kilogramm miywe arti'p qaldi'?

7.

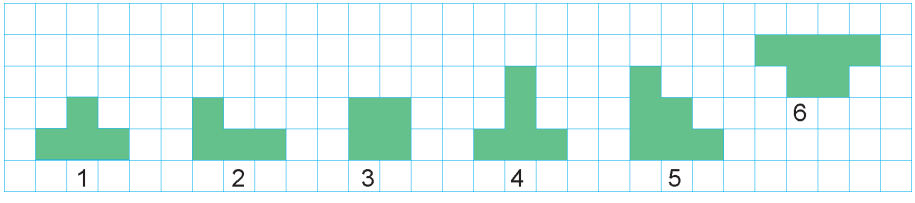
(14 − 9) · 5	(11 − 7) · 8	4 · (14 − 6)
(13 − 8) · 4	(12 − 6) · 3	5 · (12 − 8)

1. Shi'nardi'n' biyikligi 14 m. Taldi'n' biyikligi wonnan 7 m kem. Taldi'n' biyikligin tabi'n'. Ma'selenin' sorawi' sandi' birneshe ma'rte kemeyttiriwge baylani'sli' bolsi'n.

2.

35 : 5 · 2	4 · 9 + 1 · 4	18 : 2 − 9
20 : 4 · 5	3 · 8 − 2 · 4	16 : 4 + 6

3. Maydani' ten' figuralardi'n' ta'rtip nomerlerin jazi'n':



4. Ten'lemelerdi sheshin':

$24 + x = 46$ | $30 - x = 10$ | $3 \cdot x = 18$ | $20 : x = 5$

5. Ha'rbirinde 3 kg nan 9 qalta nabat sati'p ali'ndi'. Ali'ng'an barli'q nabatti'n' massasi' qansha?

6. Stoldi'n' biyikligi 9 dm, stuldi'n' biyikligi bolsa 6 dm. Stol stuldan neshe decimetr biyik? Stul stoldan neshe decimetr pa's?

7.

4·4	4·7	16:4	28:4
4·5	4·8	20:4	32:4

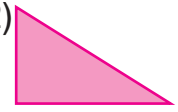
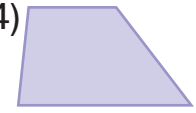
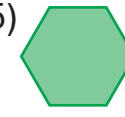
WO'TILGENLERDI BEKKEMLEW

1. Du'kanda bir ku'nde 34 stol, wonnan 6 g'a arti'q stul, stuldan 5 ma'rte kem shkaf sati'ldi'. Neshe kiyim shkafi' sati'lg'an?

2. A'mel belgilerin ten'likler duri's bolatug'i'nday yetip qoyi'n':

5 □ 5=25	9 □ 3=27	8 □ 2=16
5 □ 5= 1	9 □ 3= 3	8 □ 2= 4
5 □ 5=10	9 □ 3=12	8 □ 2=10
5 □ 5= 0	9 □ 3= 6	8 □ 2= 6

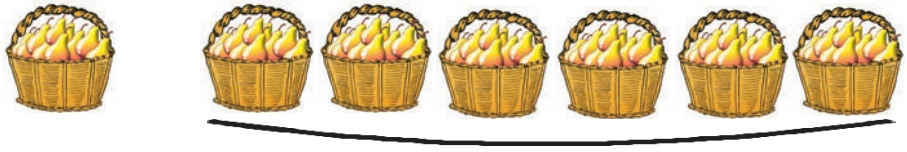
3. Ha'rbir figurani'n' ati'n ayti'n'. Bul figuralardi'n' arasi'nda u'shmu'yeshlikler neshew? To'rtmu'yeshlikler-she?

1) 2)  3) 4)  5) 

4.

4·7 □ 5·7	16 : 2 □ 32 : 4	20 : 5 □ 15 : 5
3·9 □ 2·9	24 : 4 □ 24 : 6	40 : 5 □ 40 : 8

5. Su'wret boyi'nsha ma'sele du'zin' ha'm woni' sheshin':



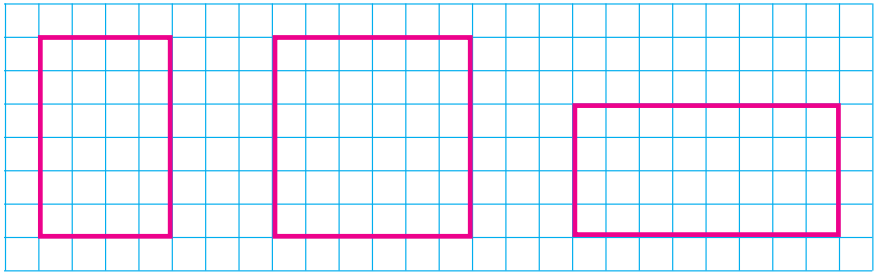
5 kg ? kg

6. Velosipedshiler jari'si'nda Aziz belgilengen ma'nzilge 35 minutta, Nursultan bolsa 40 minutta keldi. Aziz Nursultannan neshe minut aldi'n kelgen? Nursultan Azizden neshe minut keyin jetip kelgen?

7.

$5 \cdot 3 + 35$	$27 : 3 \cdot 2$	$(19 + 16) : 5$
$4 \cdot 4 - 10$	$30 : 5 \cdot 3$	$(63 - 54) \cdot 5$

8. Ta'repleri 2 sm ha'm 3 sm bolg'an tuwri'mu'yeshliklerdi tabi'n' ha'm da'pterin'izge si'zi'n':



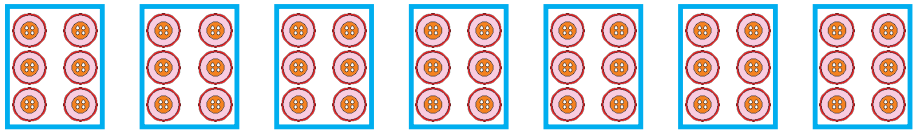
9. U'y quri'li'si'nda 38 gerbish wo'riwshi, wonnan 8 ge kem boyawshi' isledi. Quri'li'sta barli'g'i' boli'p neshe jumi'sshi' islegen?

10.

$5 \cdot (8 - 4)$	$(13 - 8) \cdot 5$	$(35 - 10) : 5$
$4 \cdot (5 + 3)$	$(12 - 7) \cdot 5$	$(20 + 16) : 4$

6 NI' KO'BEYTIW HA'M 6 G'A BO'LIW

1.

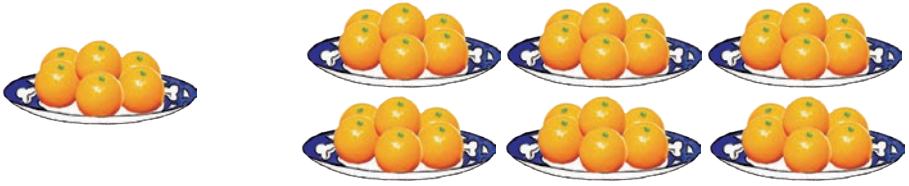


6 12 18 24 30 36 42

Yadi'n'i'zda tuti'n':

$6 \cdot 6 = 36$		$36 : 6$	
$6 \cdot 7 = 42$	$7 \cdot 6$	$42 : 6$	$42 : 7$

2. Su'wret boyi'nsha ma'sele du'zin' ha'm sheshin':



6 dana

6 tarelkada — ? dana

3.

$6 \cdot 6 + 24$	$7 \cdot 6 - 22$	$(70 - 28) : 6$
$6 \cdot 7 - 42$	$5 \cdot 6 + 30$	$(19 + 17) : 6$

4. Figurada 1 sho'pti sonday yetip wo'zgertin', u'y arqa ta'repke qarasi'n.

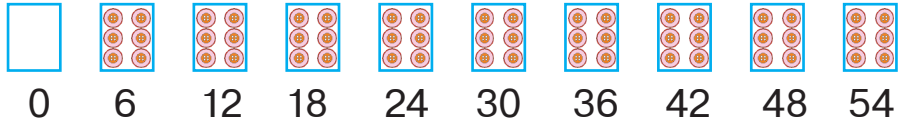
5. Radiusi' 2 sm 7 mm ge ten' bolg'an shen'ber si'zi'n'. Shen'ber worayi'n ha'rip penen belgilen'.

6. Balalar baqshasi'na 6 tu'p tut ha'm 12 tu'p alsha na'li yegildi. Alsha tuttan neshe yese ko'p? Tut alshadan neshe yese kem?

7.

$6 \cdot 5 : 10$	$36 : 6 + 34$	$6 \cdot 7 + 18$
$5 \cdot 6 : 10$	$42 : 6 + 13$	$4 \cdot 8 - 30$

1. Kesteden juwabi' 48, 54, 8, 9 sanlardi' ayti'n':



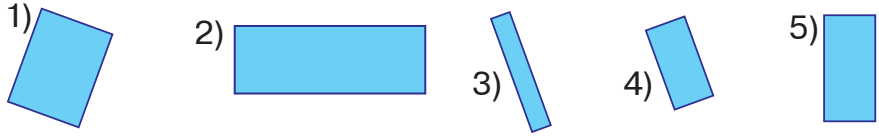
0 6 12 18 24 30 36 42 48 54

$6 \cdot 8 = 48$	$8 \cdot 6$	$48 : 6$	$48 : 8$
$6 \cdot 9 = 54$	$9 \cdot 6$	$54 : 6$	$54 : 9$

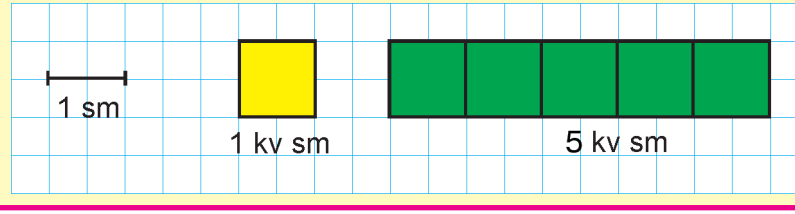
2.

$6 \cdot 6 + 14$	$6 \cdot 9 - 34$	$42 : 6 \cdot 4$
$6 \cdot 8 - 28$	$6 \cdot 7 + 17$	$54 : 6 \cdot 2$
$6 \cdot 4 + 36$	$5 \cdot 9 - 45$	$48 : 6 \cdot 3$

3. Tuwri'mu'yeshliklerdin' maydanlari'n ko'z benen shamalap, qaysi' figurani'n' maydani' yen' u'lken, qaysi' biri yen' kishi yekenin ayti'n':



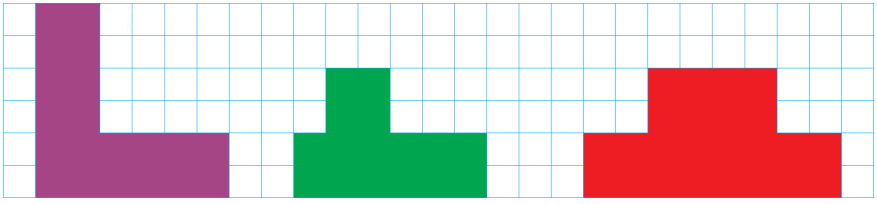
Ta'repleri bir santimetrden bolg'an kvadratti'n' maydani' bir kvadrat santimetrge ten'. «Kvadrat santimetr» so'zi sanlar qasi'na qi'sqasha 1 kv. sm, 5 kv. sm dep jazi'ladi'.



4. Ma'nisleri 8 ha'm 7 bolg'an mi'saldi' tabi'n':

$27 - 20$ | $38 - 30$ | $80 - 70 - 2$ | $14 - (11 - 4)$

5. Ha'rbir figurada neshe kvadrat santimetr bar yekenligin sanap jazi'n':



6. Ma'selelerdin' sheshiliwin sali'sti'ri'n':

1) Qawi'nni'n' massasi' 4 kg, g'arbi'z wonnan 2 kg awi'r. G'arbi'z neshe kilogramm shi'g'adi'?

2) Qawi'nni'n' massasi' 4 kg, g'arbi'z wonnan 2 yese awi'r. G'arbi'z neshe kilogramm shi'g'adi'?

7.

$40+6\cdot5$	$80-6\cdot9$	$48:6+12$
$60-6\cdot8$	$30+6\cdot7$	$54:6+21$

1. Kesteden 36, 42, 48, 54 payda bolg'an mi'sallardi' ayti'n':

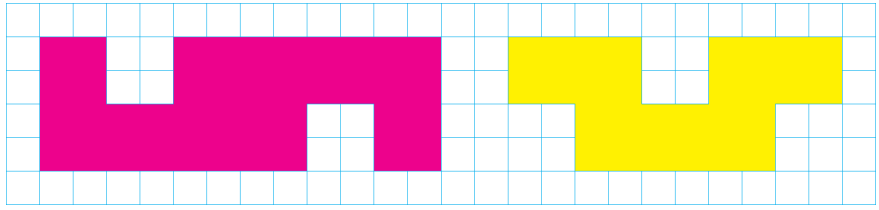
$6\cdot6=36$		$36:6$	
$6\cdot7=42$	$7\cdot6$	$42:6$	$42:7$
$6\cdot8=48$	$8\cdot6$	$48:6$	$48:8$
$6\cdot9=54$	$9\cdot6$	$54:6$	$54:9$

2. Awqatqa 4 piyaz, piyazg'a qarag'anda 2 ge ko'p geshir, geshirden 4 yese ko'p kartoshka sali'ndi'. Awqatqa neshe kartoshka sali'ng'an?

3. Ta'repleri 2 sm ha'm 4 sm bolg'an tuwri'mu'yeshlik si'zi'n'. Woni'n' perimetrin tabi'n'.

4. Yeger $a = 36$, $a = 42$, $a = 48$ bolsa, wonda $a:6$ an'latpasi'ni'n' ma'nisin tabi'n'.

5. Ha'rbir figurani'n' maydani'n kvadrat santimetr modelleri ja'rdeminde tabi'n':



Figurani'n' maydani'n tabi'w degende usi' figurani' aji'rati'w mu'mkin bolg'an kvadrat santimetrler sani'n tabi'w dep tu'siniledi.

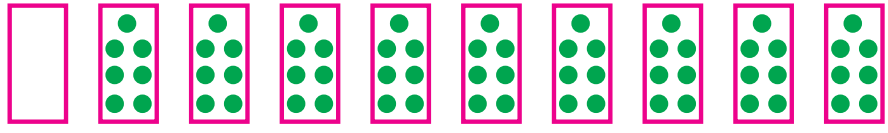
6. Awi'lda usi' ji'l 15 u'y quri'ldi'. Wo'tken ji'l usi' ji'lg'i'dan 6 g'a kem u'y quri'lg'an yedi. Yeki ji'l ishinde barli'g'i' boli'p neshe u'y quri'lg'an?

7.

$42:7\cdot3$	$36:4\cdot3$	$6\cdot8+40$
$54:6\cdot2$	$28:7+4$	$6\cdot9-24$

7 NI KO'BEYTIW HA'M 7 GE BO'LIW

1.



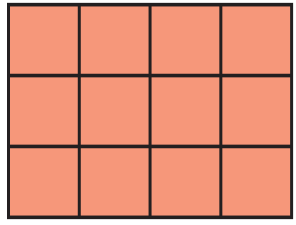
0 7 14 21 28 35 42 49 56 63

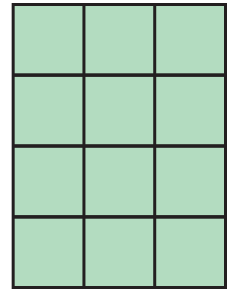
$7\cdot7=49$		$49:7$	
$7\cdot8=56$	$8\cdot7$	$56:7$	$56:8$
$7\cdot9=63$	$9\cdot7$	$63:7$	$63:9$

2. Du'kanda 63 muzlatqi'sh bar yedi. 6 ku'nde ha'r ku'ni 9 muzlatqi'shtan sati'ldi'. Sati'w ushi'n ja'ne qansha muzlatqi'sh qaldi'?

3. $7 \cdot 7 + 21$ $\quad$ $7 \cdot 4 + 28$ $\quad$ $56 : 7 \cdot 2$
$7 \cdot 5 - 30$ $\quad$ $7 \cdot 8 - 50$ $\quad$ $63 : 7 \cdot 3$

4. Ha'rbir tuwri'mu'yeshlikte neshe ketekshe bar? Ha'rbir figurani'n' maydani' nege ten'?





5. Diametri 4 sm bolg'an do'n'gelek si'zi'n'. Bul do'n'gelektin' radiusi' nege ten'?

6. Bir tu'p limonnan 26, 2-tu'pten 19 limon u'zip ali'ndi'. Barli'q limonlar 9 qaltag'a ten'nen sali'ndi'. Ha'rbir qaltag'a neshe limonnan sali'ng'an?

7. $7 \cdot 9 - 30$ $\quad$ $56 : 7 + 8$ $\quad$ $24 : 3 \cdot 2$
$7 \cdot 7 - 20$ $\quad$ $63 : 9 + 7$ $\quad$ $32 : 4 \cdot 2$

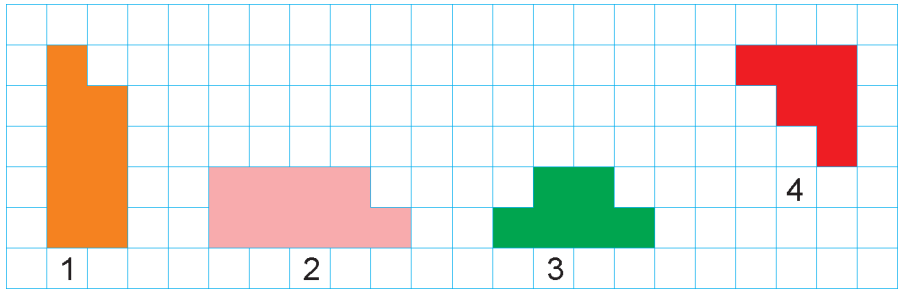
1. Kesteni tolti'ri'n':

Ko'beytiwshi	7	7	7	7	7	7	7
Ko'beytiwshi	3	4	5	6	7	8	9
Ko'beyme							

2. Tigiw cexi'nda 14 m gezlemeden 7 birdey shalbar tigildi. Sonday 9 shalbarg'a neshe metr gezleme kerek boladi'?

3. 1) Birinshi ko'beytiwshi 6, yekinshi ko'beytiwshi 7, ko'beymeni tabi'n';
2) bo'liniwshi 56, bo'liwshi 7, tiyindini tabi'n'.

4. Maydani' birdey bolg'an figuralardi' tabi'n':



5. Sanlardi'n' ko'beymesin bir bag'anag'a, tiyindisin yekinshi bag'anag'a jazi'n' ha'm ma'nisin tabi'n':

42 : 7 | 6·8 | 35:5 | 5·9 | 48:8 | 6·4

6. Nasiba 5 jasta. A'kesi qi'zi'nan 7 ma'rte u'lken. A'kesi neshe jasta?

7.

63:7·3	42:7·6	28:4+13
56:7·4	48:6·3	36:6+43

1. Kesteni tolti'ri'n':

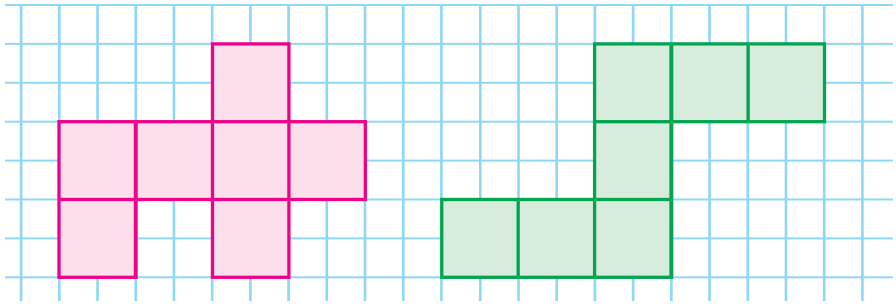
Bo'liniwshi	21	28	35	42	49	56	63
Bo'liwshi	7	7	7	7	7	7	7
Tiyindi							

2.

(60 − 18) : 7	(29 + 20) : 7	5·(17 − 9)
(18 + 18) : 6	(35 + 19) : 6	7·(18 − 12)

3. An'latpalardi' jazi'n' ha'm ma'nislerin tabi'n':
1) 7 ha'm 8, 6 ha'm 5, 7 ha'm 9 sanlari'ni'n' ko'beymesin. 2) 56 ha'm 7, 42 ha'm 6, 49 ha'm 7 sanlari'ni'n' tiyindisin.

4. Ha'rbir figuradag'i' kvadrat santimetrdi sanan'. Ha'rbir figurani'n' maydani' nege ten'?



5. $6 \cdot 7 \square 7 \cdot 6$ $\quad 7 \cdot 8 \square 7 \cdot 5$ $\quad 42:7 \square 56:7$
$7 \cdot 4 \square 7 \cdot 3$ $\quad 6 \cdot 5 \square 7 \cdot 8$ $\quad 21:3 \square 21:7$

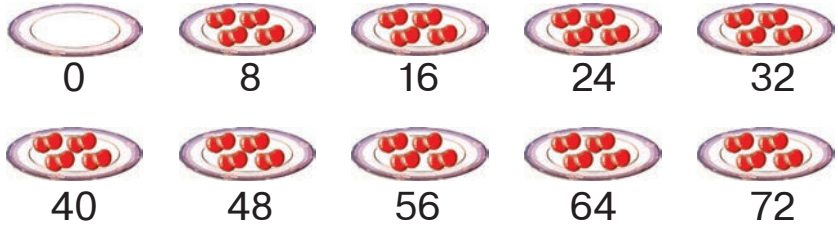
6. 21 metr gezlemeden xalat tigiw ushi'n u'shten bir bo'legi qi'rqi'p ali'ndi'. Neshe metr gezleme qi'rqi'p ali'ng'an?

7. Sonday san qoyi'n', ten'lik duri's bolsi'n.

$8 \cdot \square = 48$ $\quad \square \cdot 7 = 49$ $\quad 42 : \square = 7$
$5 \cdot \square = 25$ $\quad \square \cdot 8 = 64$ $\quad 32 : \square = 8$

8 DI KO'BEYTIW HA'M 8 GE BO'LIW

1.

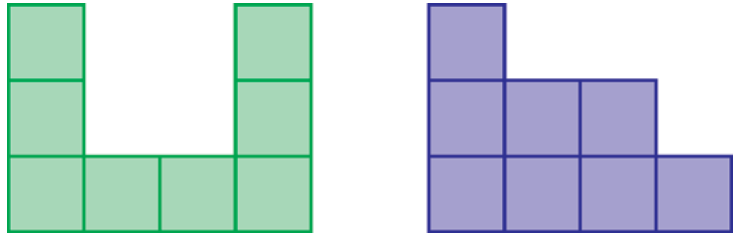


$8 \cdot 8 = 64$	$9 \cdot 8$	$64 : 8$	$72 : 9$
$8 \cdot 9 = 72$		$72 : 8$	

2. Ha'rbir bankada 5 kg nan pal bar. Sonday 8 bankada neshe kilogramm pal bar?

3. 24, 32, 45, 48 sanlari'ni'n' qaysi' biri 8 ge bo'linedi?

4. 1) Ha'rbir figuradag'i' kvadrat santimetrlerdi sanap, ha'rbir figurani'n' maydani'n tabi'n':



2) Figuralardi'n' maydanlari'n sali'sti'ri'n'.

5.

$8 \cdot 5 - 8 \cdot 3$	$8 \cdot 9 + 8 \cdot 1$	$72 : 8 - 48 : 6$
$8 \cdot 2 + 8 \cdot 4$	$7 \cdot 8 - 6 \cdot 6$	$56 : 8 + 64 : 8$

6. 32 *l* sherbet 8 bidong'a ten'dey quyi'ldi'. 40 *l* sherbetti quyi'w ushi'n neshe bidon kerek?

7.

$(28 + 28) : 8$	$(69 - 29) : 8$	$28 : (11 - 7)$
$(89 - 25) : 8$	$(29 + 27) : 8$	$16 : (11 - 7)$

1. Tigiw cexi'nda 42 m atlastan 7 birdey ko'ylek tigildi. Sonday 10 ko'ylekke neshe metr atlas kerek boladi'?

2.

$49 - 72 : 8$	$7 \cdot 8 + 4 \cdot 6$	$50 : 5 - 50 : 10$
$64 - 8 \cdot 8$	$9 \cdot 5 + 5 \cdot 9$	$70 : 7 + 20 : 10$

3. Yeger $a = 48$, $a = 64$, $a = 72$ bolsa, wonda $a : 8$ an'latpasi'ni'n' ma'nisin tabi'n'.

4. Sonday sanlardi' qoyi'n', na'tiyjede ten'lik ha'm ten'sizlikler duri's bolsi'n:

50 mm = □ sm 6 sm = □□ mm 4 dm < □□ sm

80 mm = □ sm 8 sm = □□ mm 5 dm > □□ sm

5. Ma'nisleri 8 ha'm 9 g'a ten' mi'sallardi' tabi'n':

72 : 9 42 : 6 64 : 8 48 : 6

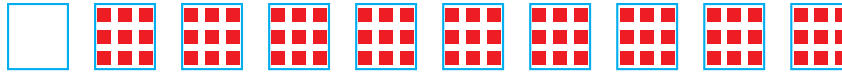
6. Balalar baqshasi'na 32 kese, wonnan 4 yese kem shaynek keltirildi. Balalar baqshasi'na uluwma neshe shaynek ha'm kese keltirilgen?

7. 32 : 8 42 : 6 7 · 8 9 · 4

54 : 6 36 : 6 8 · 8 9 · 6

9 DI' KO'BEYTIW HA'M 9 G'A BO'LIW

1.



0 9 18 27 36 45 54 63 72 81

Ha'rbir mi'saldi'n' sheshimin yadta tuti'n':

9 · 9 = 8 · 1 81 : 9 = 9

2. 18 woram toqi'ma jipten 2 birdey hayallar jen'sizi toqi'ldi'. Sonday 9 jen'sizge neshe woram toqi'ma jip kerek?

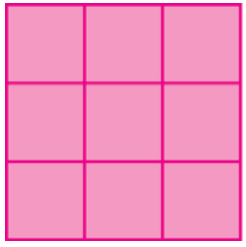
3. Kesteni tolti'ri'n':

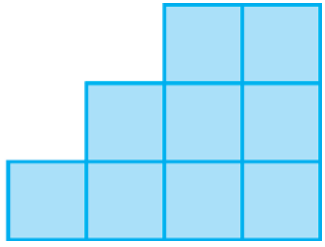
Ko'beytiwshi	9	9	9	9	9	9	9
Ko'beytiwshi	3	4	5	6	7	8	9
Ko'beyme							

4. 9 · 9 + 9 81 : 9 · 2 (42 + 14) : 8

8 · 9 − 2 72 : 9 · 4 (83 − 20) : 7

5. Ha'rbir figurada neshe ketekshedeń bar? Ha'rbir figurani'n' maydani'n tabi'n'.

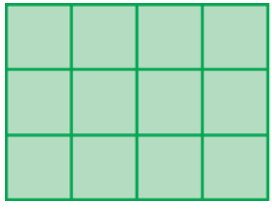




6. Boyawshi' birinshi ku'ni 9 aynani', yekinshi ku'ni wonnan 2 ma'rte arti'q aynani' boyadi'. Boyawshi' yeki ku'nde neshe aynani' boyag'an?

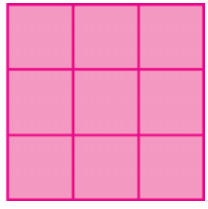
7. $(36 + 28) : 8$ $(97 - 34) : 9$ $(20 + 28) : 6$
$(90 - 18) : 9$ $(29 + 25) : 9$ $(58 - 26) : 8$

1. Uzi'nli'g'i' 4 sm, yeni 3 sm bolg'an tuwri'mu'yeshlik kvadrat santimetrlerge bo'lingen. Ha'rbiri 4 kv.sm bolg'an 3 qatar yamasa ha'rbiri 3 kv.sm bolg'an 3 bag'ana payda bolg'an. Tuwri'mu'yeshliktin' maydani'n yesaplaw ushi'n 4 ha'm 3 sanlari'ni'n' ko'beymesin tabi'w kerek.



$4 \cdot 3 = 12$ yaki $3 \cdot 4 = 12$

Juwabi': 12 kv. sm.



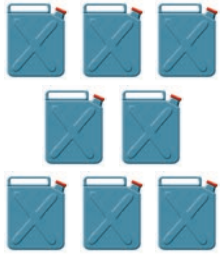
?

Tuwri'mu'yeshliktin' maydani'n yesaplaw ushi'n woni'n' biyikligin ha'm yenin wo'lshep, payda bolg'an sanlar wo'z ara ko'beytiledi.

2. Ten'lemelerdi sheshin':

$44+x=88$ | $58-x=20$ | $25:x=5$ | $x\cdot 7=49$

3. 1) Su'wret boyi'nsha ma'sele du'zip sheshin':



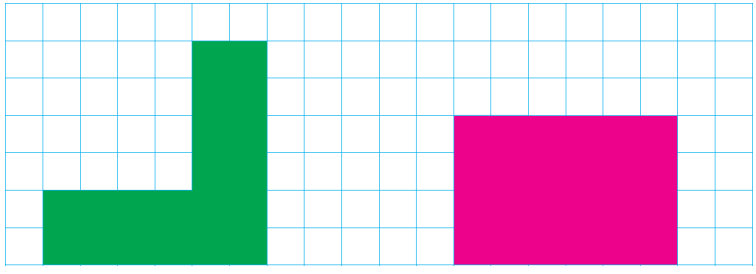
Bir i'di'stag'i' benzinnin' si'yi'mli'li'g'i'	I'di'slar sani'	Barli'q i'di'stag'i' benzinnin' si'yi'mli'li'g'i'
9 litr	8	?
?	8	72 litr
9 litr	?	72 litr

2) Yeki wo'z ara keri ma'sele du'zip sheshin'.

4. $5\cdot 6 \square 6\cdot 8$ $\quad 6\cdot 3 \square 9\cdot 2$ $\quad 24:3 \square 54:9$

$9\cdot 9 \square 7\cdot 3$ $\quad 2\cdot 7 \square 7\cdot 2$ $\quad 63:7 \square 18:6$

5. Figuralardi' da'pterin'izge si'zi'n' ha'm wolardi'n' maydani'n sali'sti'ri'n':



6. Su'wretlew wo'neri ko'rgizbesine Nasiba 18 su'wret tayarladi', Rano bolsa wonnan 3 yese kem su'wret tayarladi'. Yeki dos ko'rgizbege barli'g'i' boli'p neshe su'wret tayarlag'an?

7. $90:10$ $\quad 6\cdot 10$ $\quad 30:10$ $\quad 80:10+80:8$

$50:10$ $\quad 8\cdot 10$ $\quad 20:10$ $\quad 50:50+40:4$

KO'BEYTIW KESTESI

1.

·	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90

2. Ulzada anasi' menen 9 tu'p rayxan na'lin, wonnan 3 yese ko'p xi'na na'llerin woti'rg'i'zdi'. Wolar barli'g'i' boli'p neshe na'l woti'rg'i'zg'an?

3. 64 : 8 81 : 9 45 : 9 32 : 8
72 : 8 72 : 9 24 : 6 16 : 8

4. a · 8, b : 7 an'latpasi'ni'n' ma'nisin tabi'n'.

a	9	8	7	6
a · 8				

b	63	56	49	42
b : 7				

5. 36, 37, 45, 81 sani'ni'n' qaysi'si' 9 g'a bo'linedi?

6. Bir woramda 75 sm si'm bar yedi. Si'mnan birneshe santimetr qi'rqi'p ali'ndi' ha'm 32 sm qaldi'. Neshe santimetr si'm qi'rqi'p ali'ng'an?

7. 47 + 54 : 6 69 − 6 · 6 81 : 9 · 3
80 − 21 : 3 35 + 7 · 5 72 : 8 · 4

BO'LIW KESTESI

1

4	6	8	10	12	14	16	18	**:2**
6	9	12	15	18	21	24	27	**:3**
8	12	16	20	24	28	32	36	**:4**
10	15	20	25	30	35	40	45	**:5**
12	18	24	30	36	42	48	54	**:6**
14	21	28	35	42	49	56	63	**:7**
16	24	32	40	48	56	64	72	**:8**
18	27	36	45	54	63	72	81	**:9**
2	**3**	**4**	**5**	**6**	**7**	**8**	**9**	

2. Mektep asxanasi'nda 36 stul bar yedi. Wolardi'n' to'rtten bir bo'legi boyaldi'. Ja'ne neshe stul boyali'wi' kerek?

3. Su'wret boyi'nsha ma'sele du'zin' ha'm sheshin':

3 metr ? metr

4. A'mellerdi wori'nlan'. An'latpalardi'n' bir-birine baylani'sli' yekenligin tu'sindirin':

$6 \cdot 7 = 42$	$3 \cdot 9 = 27$	$9 \cdot 5 = 45$
$42 : 6 = 7$	$27 : 3 = 9$	$45 : 9 = 5$
$42 : 7 = 6$	$27 : 9 = 3$	$45 : 5 = 9$

5. Lentalardi'n' uzi'nli'qlari'n wo'lshen'. Jasi'l lenta ko'k lentadan qansha uzi'n yekenin ani'qlan'.

6. Qoymada 27 bel, wonnan 3 yese kem ti'rma bar. Qoymada barli'g'i' boli'p neshe jumi's a'sbaplari' bar?

7. Ten'lemelerdi sheshin':

$16 + x = 29$ $\quad x - 22 = 44$ $\quad x \cdot 5 = 30$

$48 - x = 20$ $\quad x + 18 = 30$ $\quad 32 : x = 4$

WO'TILGENLERDI BEKKEMLEW

1. 1) Kitapxanag'a 9 gu'rrin', wonnan 6 g'a arti'q yertek kitap ali'p kelindi. Kutapxanag'a barli'g'i' boli'p neshe kitap ali'p kelingen?

2) Kitapxanag'a 9 gu'rrin', wonnan 6 yese ko'p yertek kitap ali'p kelindi. Kutapxanag'a barli'g'i' boli'p neshe kitap ali'p kelingen?

2. $4 \cdot 7 \square 5 \cdot 5$ $\quad 25 : 5 \square 48 : 6$ $\quad 40 : 8 \square 40 : 5$

$6 \cdot 8 \square 8 \cdot 6$ $\quad 30 : 5 \square 45 : 9$ $\quad 35 : 7 \square 42 : 6$

3.

Qosi'li'wshi'	42	44	51	62	35	45	38
Qosi'li'wshi'	30	46	28	24	25	45	32
Qosi'ndi'							

4. Ten'lemelerdi sheshin':

$65 + x = 87$ $\quad 48 - x = 18$ $\quad 6 \cdot x = 36$

5. Birinshi avtobusta 60 sayaxatshi', yekinshisinde bolsa 40 sayaxatshi' bar yedi. Birinshi avtobustan yekinshisine 10 sayaxatshi' wo'tti. To'mendegi an'latpalar boyi'nsha ma'selelerdi sheshin': 60+40, 60−40, 60−10, 40+10.

6. Kestedegi an'latpani'n' ma'nisin tabi'n':

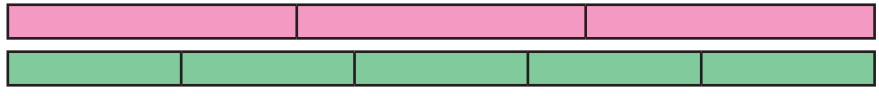
Ko'beytiwshi	5	4	6	8	9	9	7
Ko'beytiwshi	8	7	9	8	7	9	8
Ko'beyme							

7. Woylang'an sandi' x ha'ribi menen belgilen' ha'm ten'lemeni du'zip sheshin':

1) Woylang'an sang'a 30 di' qosi'p, 58 payda yetildi. Qanday san woylang'an?

2) Woylang'an sandi' 25 ke kemeytip, 45 payda yetildi. Qanday san woylang'an?

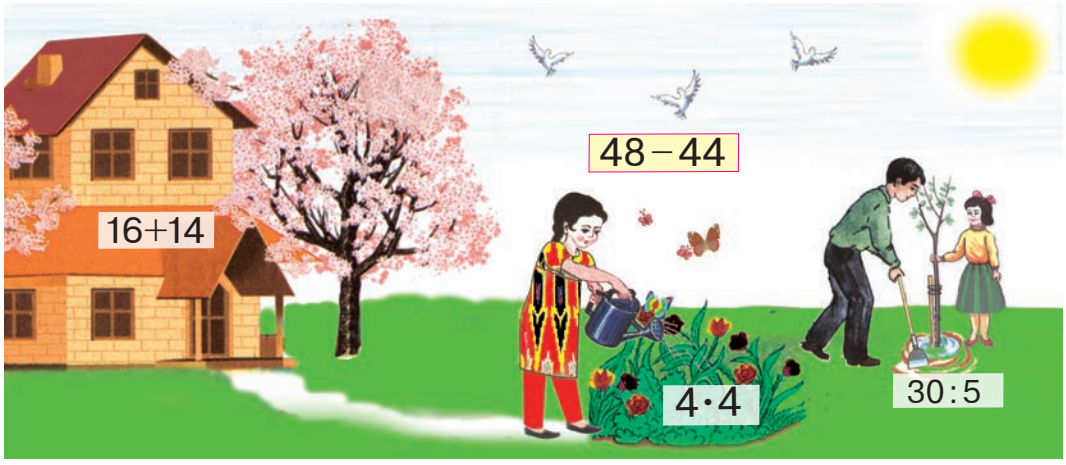
8. Qi'zi'l ren'degi lentani'n' u'shten bir bo'limin, jasi'l lentani'n' besten bir bo'limin tabi'n'.



9. Du'kang'a ha'rbirinde 10 kg nan 8 yashik qa'reli ali'p kelindi. Bir ku'n dawami'nda 46 kg qa'reli sati'ldi'. Neshe kilogramm qa'reli qaldi'?

10.

(90 − 45) : 5	(30 + 24) : 6	3·7 − 2·9
(19 + 16) : 7	(68 − 20) : 6	6·6 + 3·8



WO’TILGENLERDI BEKKEMLEW USHI’N SHI’NI’G’I’WLAR

1. A’mellerdi wori’nlan’. An’latpalardi’n’ bir-birine baylani’sli’ yekenligin ani’qlan’:

3·8 = 24	5·6 = 30	9·2 = 18
24:3=□	30:5=□	18:9=□
24:8=□	30:6=□	18:2=□

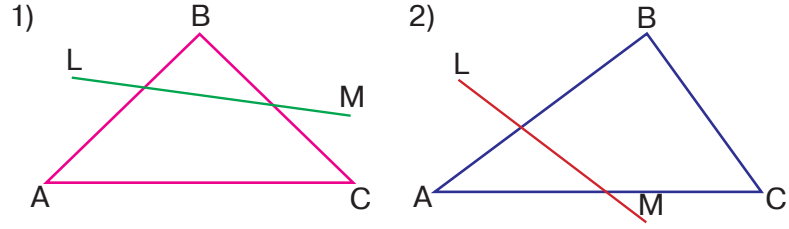
2. Mektep ustaxanasi’nda 28 stul, wonnan 4 yese kem stol won’landi’. Barli’g’i’ boli’p neshe stol ha’m stul won’lang’an?

3. Keste boyi’nsha berilgen mi’sallardi’ sheshin’:

43 + 24	2 · 9	27 : 3	74 + 26
75 – 25	64 + 30	3 · 6	18 : 3
24 : 3	58 – 27	42 + 28	3 · 5

4. Mektep bag'i'nda 42 tu'p yerik teregi bar. Wonnan 6 yese kem anar na'li woti'rg'i'zi'ldi'. Usi' bag'da uluwma neshe miyweli terek boldi'?

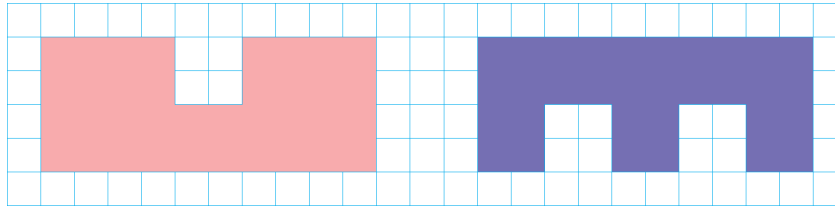
5. LM tuwri' si'zi'g'i' ABC u'shmu'yeshliginin' birinshi figurasi'nda qaysi' ta'replerin, yekinshi figurasi'ni'n' qaysi' ta'replerin kesip wo'tken?



6. Jan'adan quri'lg'an imaratti'n' birinshi qabati'nda 27, yekinshi qabati'nda bolsa 29 bo'lme bar. Yekinshi qabati'nda birinshisine qarag'anda neshe yese ko'p bo'lme bar?

7. 35 : 7 □ 35 : 5 28 : 4 □ 30 : 5 4 · 6 □ 9 · 7
42 : 6 □ 49 : 7 30 : 6 □ 45 : 9 8 · 8 □ 7 · 4

8. Ha'rbir figuradag'i' kvadratlardi' sanan' ha'm figuralardi'n' maydani'n tabi'n':

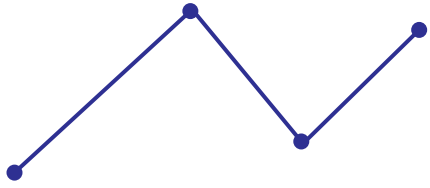


9. Abatta 20 sanaq sho'bi bar. Birneshe wo'z aldi'na u'shmu'yeshlik jasag'annan keyin 2 sho'p awi'si'p qaldi'. Neshe u'shmu'yeshlik jasag'an?

10. Qawsi'rmalardi' sonday yetip qoyi'n', na'tiyje berilgen sang'a ten' bolsi'n:

15 − 7 + 3 = 5 58 − 17 − 9 = 50 40 − 12 − 2 = 30

11. Ha'rbir si'ni'q si'zi'qti'n' ta'replerinin' uzi'nli'g'i'n si'zg'i'sh ja'rdeminde wo'lshen' ha'm wolardi' ha'ripler menen belgilen':

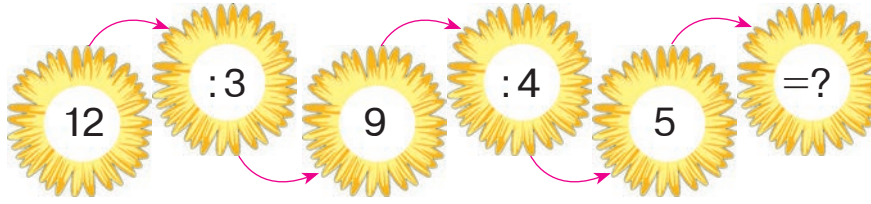


12.

20 + 19	90 − 50	57 + 32	100 − 9
48 + 10	58 − 50	57 − 32	100 − 47

13. Ta'repleri 4 sm 5 mm ha'm 2 sm 4 mm bolg'an tuwri'mu'yeshlik si'zi'n'. Woni'n' to'belerin ha'ripler menen belgilen'.

14. Mi'sallardi' tu'sindirip sheshin':



15. U'sh sanni'n' qosi'ndi'si' 100. Birinshi san 55, yekinshi san 25. U'shinshi sandi' tabi'n'.

16.

32 : 8 □ 72 : 9	9 · 8 □ 7 · 6	49 : 7 □ 7 · 7
54 : 6 □ 40 : 5	6 · 6 □ 4 · 9	45 : 9 □ 5 · 9

17. An'latpalardi'n' ma'nisin tabi'n':

1) 40 penen 10 ni'n' tiyindisin 9 yese artti'ri'n';
2) 8 benen 5 tin' ko'beymesin 4 yese kemeyttirin'.

18. Ten'lemelerdi sheshin':

$42 + x = 79$	$x \cdot 2 = 12$	$4 \cdot x = 32$	$x : 5 = 8$
$30 - x = 7$	$x : 3 = 4$	$6 \cdot x = 18$	$20 : x = 5$

19. Jari'sta 26 ul bala ha'm 10 qi'z bala qatnaspaqta. Wolar 9 dan toparlarg'a bo'lindi. Balalar neshe toparg'a bo'lingen?

20. Kestedegi an'latpani'n' ma'nisin tabi'n':

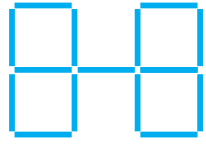
Bo'liniwshi	81	72	63	54	45	36	27
Bo'liwshi	9	9	9	9	9	9	9
Tiyindi							

21.

$(38 - 28) \cdot 9$	$75 - 57 + 24$	$35 : (37 - 30)$
$(91 - 88) \cdot 8$	$41 - 29 + 12$	$54 : (26 - 20)$
$(67 - 60) \cdot 7$	$21 + 29 - 10$	$81 : (19 - 10)$

22. 1) 28 sani' 8 sani'nan neshege arti'q?
2) 9 sani' 49 sani'nan neshege kem?
3) 35 sani' 5 sani'nan neshe yese u'lken?
4) 4 sani' 16 sani'nan neshe yese kishi?

23. Yeki sho'ptin' worni'n sonday yetip wo'zgertin', na'tiyjede 5 birdey kvadrat payda bolsi'n.



24. Qosi'w ha'm ali'wdi'n' duri's wori'nlang'ani'n qalay tekseriw mu'mkin?

MAZMUNI'

1-klasta wo'tilgen materiallardi' ta'kirarlaw ha'm uluwmalasti'ri'w 3
Qosi'wdi' teksiriw 9
Ali'wdi' tekseriw 10
Tuwri' mu'yesh 11
Ko'pmu'yeshliktin' perimetri 13
18 ishinde bir tan'bali' sanlardi' wonli'q arqali' wo'tip qosi'w 17
Qosi'w kestesi 28
Tuwri'mu'yeshliktin' ta'replerinin' qa'siyetleri 30
Kvadrat 31
18 ishinde bir tan'bali' sanlardi' wonli'q arqali' wo'tip ali'w 35
18 ishinde bir tan'bali' sanlardi' ali'w kestesi 51
Saat. Minut 54
100 ishinde sanlardi' tan'ba arqali' qosi'w ha'm ali'w 60
Sanli' an'latpalar 62
Sanli' an'latpalardi' sali'sti'ri'w 63
Jazba qosi'w ha'm ali'w 77
Ha'ripli an'latpalar 96
Ten'leme. Ten'lemeni sheshiw 100
Figuralardi' ha'ripler menen belgilew 109
Ko'beytiw ha'm bo'liw. Ko'beytiw 114
Ko'beytiwdin' ag'zalari' 119
Bo'liw 122
Ten'dey bo'leklerge bo'liw 126
Ko'beytiwdin' wori'n almasti'ri'w qa'siyeti 130
U'lken sandi' kishi sang'a ko'beytiw 131
Wo'z ara keri ma'seleler 133
Ma'selelerdi jazi'wdi'n' keste usi'li' 135
Belgisiz ko'beytiwshini tabi'w 138
Belgisiz bo'liniwshini tabi'w 142
Millimetr 143
0, 1, 10 sanlari'ni'n' qatnasi'nda ko'beytiw ha'm bo'liw 146
A'mellerdi wori'nlaw ta'rtibi 154
Do'n'gelek. Shen'ber worayi' ha'm radiusi' 158
Keste ishinde ko'beytiw ha'm bo'liw 159
Ma'seleler ha'm wolardi'n' sheshimlerin sali'sti'ri'w 177
Figuralardi'n' maydani' 191
Wo'tilgenlerdi bekkemlew 193

NABIYA ABDURAHMONOVA, LOLA O‘RINBOYEVA

MATEMATIKA

Umumiy o‘rta ta’lim maktablarining
2-sinfi uchun darslik

Uchinchi nashri

Tashkent – «Yangiyo‘l Poligraf Servis» — 2016
Nashriyot licenziyasi AI № 185 10.05.2011 y.

Qaraqalpaq tilinde

Awdarmashi’ A. Saparov
Redaktor A. Saparova
Tex. redaktor M. Riksiyev, Z. Allamuratov
Korrektor B. Azimov
Operatorlar: A. Begdullaeva, G. Serimbetova

Original-maketten basi’wg’a ruqsat yetilgen waqti’ 1. 06. 2016-j.
Formati’ 70x90$^{1}/_{16}$. Ofset baspa. «Pragmatic» garniturasi’. Ko’lemi 13,5 b.t.
15,79 sha’rtli b.t. 15,37 yesap b.t. Nusqasi’ 13158 dana.
____-sanli’ buyi’rtpa.

Original-maket «Bilim» baspasi’nda tayarlandi’.
230103. No’kis qalasi’, Qaraqalpaqstan ko’shesi, 9.

«Yangiyo‘l Poligraf Servis» JSHJ baspaxanasi’nda basi’p shi’g’ari’ldi’.
112001, Tashkent oblasti’, Yangiyul rayoni’, Samarqand ko’shesi, 44-u’y.

Ijarag'a berilgen sabaqli'qti'n' jag'dayi'n ko'rsetiwshi keste

№	Woqi'wshi'ni'n' ati', familiyasi'	Woqi'w ji'li'	Sabaqli'q-ti'n' ali'ng'an-dag'i' jag'dayi'	Klass basshi'-si'ni'n' qol tan'basi'	Sabaq-li'qti'n' qay-ti'p tapsi'-ri'lg'andag'i' jag'dayi'	Klass basshi'-si'ni'n' qol tan'basi'
1.						
2.						
3.						
4.						
5.						
6.						

Sabaqli'q ijarag'a berilgende ha'm woqi'w ji'li'ni'n' juwmag'i'nda qaytari'p ali'ng'anda joqari'dag'i' keste klass basshi'si' ta'repinen to'mendegishe bahalawg'a muwapi'q tolti'ri'ladi'.

Jan'a	Sabaqli'qti'n' paydalani'wg'a birinshi berilgendegi jag'dayi'
Jaqsi'	Muqabasi' pu'tin, sabaqli'qti'n' tiykarg'i' bo'liminen aji'ralmag'an. Barli'q betleri bar, ji'rti'lmag'an, ko'shpegen, betlerinde jazi'w ha'm si'zi'wlar joq.
Qanaatlan-di'rarli'q	Muqaba jazi'lg'an, birqansha si'zi'li'p, shetleri jelingen, sabaqli'qti'n' tiykarg'i' bo'liminen aji'rali'w jag'dayi' bar, paydalani'wshi' ta'repinen qanaatlandi'rarli'q won'lang'an. Ko'shken betleri qayta won'lang'an, ayi'ri'm betleri si'zi'lg'an.
Qanaat-landi'rarsi'z	Muqaba si'zi'lg'an, wol ji'rti'lg'an, tiykarg'i' bo'limnen aji'ralg'an yamasa pu'tkilley joq, qanaatlandi'rarsi'zli'q won'lang'an. Betleri ji'rti'lg'an, betleri jetispeydi, si'zi'p, boyap taslang'an, sabaqli'qti' tiklewge bolmaydi'.