

JAMHUURIYADDA DIMOQRAADIGA SOOMAALIYA

WASAARADDA WAXBARASHADDA IYO BARBAARINTA
XAFIISKA MANAAHIJTA

XISAAB

FASALKA LABAAD



F.A.

XISAAB

FASALKA LABAAD

2

WASAARADDA WAXBARASHADA IYO BARBAARINTA
XAFIISKA MANAAHIJTA

Buuggan lama daabacan karo lamana guurin karo iyadoo
aan Wasaaradda Waxbarashada iyo Barbaarinta laga helin oggolaanshe..

H O R D H A C

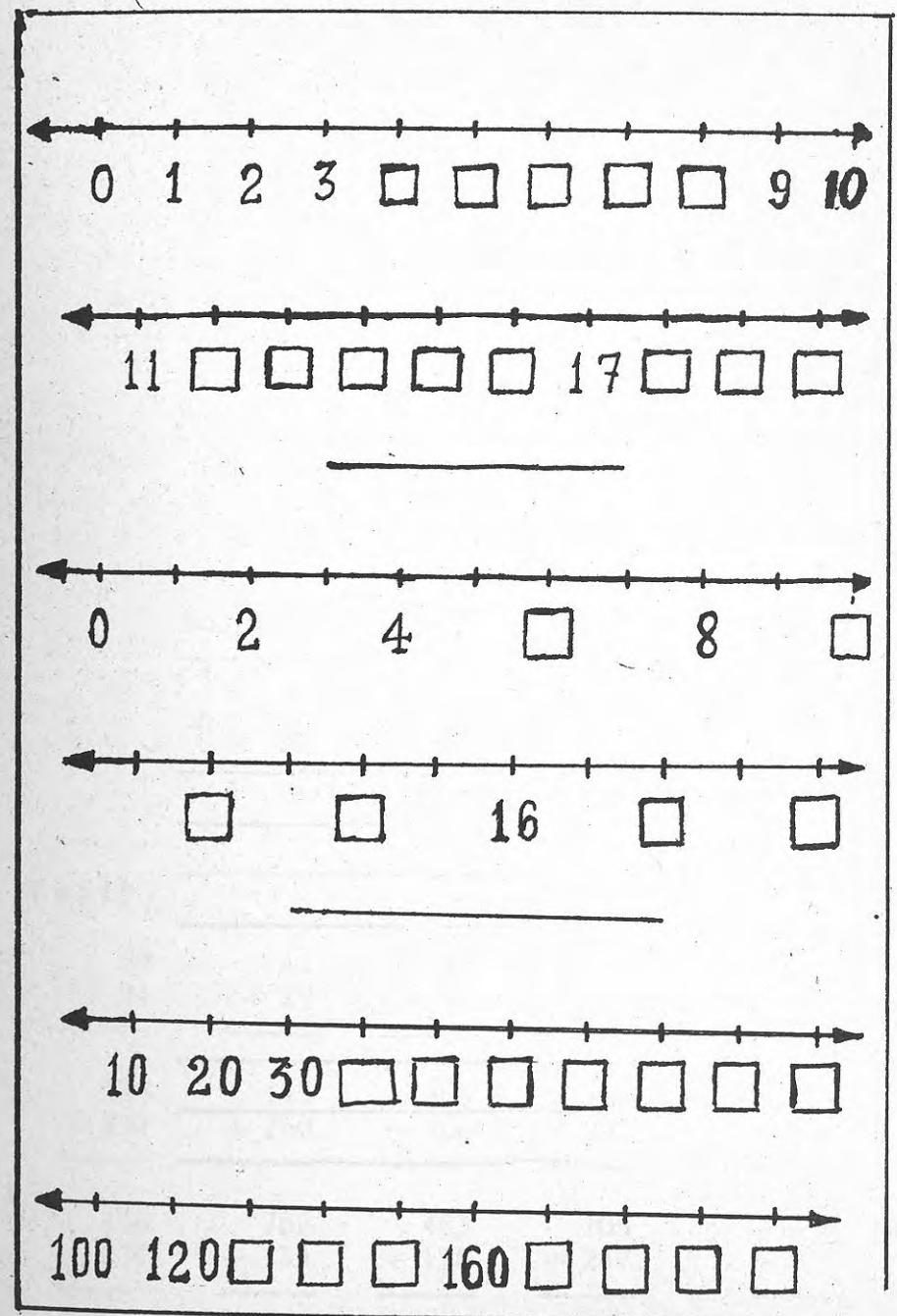
*Buugaan waxa loogu talagalay ardayga fasalka la-
baad ee dugsiga hoose. Sida uu u ratiban yahay ama
uu u qoran yahay waxa laga filayaa in uu keeno aqoonta
xisaabeed ee ardayga da'daas ahi u baahan yahay.*

*Buuggan waxa intiisa badan qoray iskuna soo dub-
bariday Cabdiraxmaan Xaaji Cabdalle, Axmed Saciid
Diiriye, Xuseen Maxamad Xaaji Cumar iyo Maxamed
Cabdule Biriir. Waxa iyana wax ka qoray Muuse Cabdi
Cilmi, Axmed Geeddi iyo Bashiir Faarax Kaahiye. Dham-
maantood way mahadsan yihii. Waxa iyana loo mahad
naqayaa Cumar Saalim Axmad oo sawirrada u sameeyey,
dadkii garaacay iyo Madbacadda Qaranka oo suurageli-
sey inuu buuggani dakhsu u soo baxo.*

Maamulaha Xafiiska Manaahijta
Bashiir Faarax Käahiye

DAABACAADDII LABAAD

MEESHA MARAN BUUXI



Maxaa halka ka socda ?

1) 2, 4, 6, 8,

2) 5, 10, 15,

3) 3, 6, 9,

4) 10, 20, 30,

5) 4, 8, 12,

6) 35 = soddon iyo shan

21 = labaatan iyo kow

46 =

4 =

87 =

73 =

— = toban iyo laba

254 =

361 =

967 =

$$\begin{array}{r} 14 = 10 + 4 \\ + 5 = 0 + 5 \\ \hline \end{array}$$

tobnaad	koowaad
1	4
+ 5	
1	9

$$+ 5$$

$$19$$

$$\begin{array}{r} 24 = 20 + 4 \\ + 38 = 30 + 8 \\ \hline \end{array}$$

tobnaad	koowaad
2	4
+ 3	8
50 + 12 = 62	6 2

$$+ 38$$

$$62$$

$$\begin{array}{r} 165 = 100 + 60 + 5 \\ + 270 = 200 + 70 + 0 \\ \hline \end{array}$$

$$300 + 130 + 5 = 435$$

boqlaad	tobnaad	koowaad
1	6	5
+ 2	7	0
4	3	5

$$+ 270$$

$$435$$

Layli :

$$\begin{array}{rrrrr} 35 & 41 & 56 & 15 & 137 \\ + 21 & + 25 & + 31 & + 8 & + 236 \\ \hline \end{array}$$

$$\begin{array}{rrrrr} 134 & 145 & 305 & 520 & 154 \\ + 231 & + 260 & + 400 & + 292 & + 196 \\ \hline \end{array}$$

$$\begin{array}{rrrrr} 156 & 762 & 483 & 105 & 666 \\ + 231 & + 135 & + 178 & + 237 & + 177 \\ \hline \end{array}$$

+	1	2	3	4	5
1	2			5	
2			5		
3		5			
4	5				
5					

+	6	7	8	9
6				
7				
8				
9				
0				

+	1	2	3	4	5	6	7	8	9
1	2								
2		4							
3			6						
4				8					
5					10				
6						12			
7							14		
8								16	
9									

< = >

$$4 = 2 + 2$$

$$5 \square 3 + 4$$

$$3 \square 8$$

$$6 \square 2 + 4$$

$$8 \square 6 + 1$$

$$3 + 5 \square 9$$

$$\begin{array}{ccccccc}
 5 & & 5 & & 35 & & 35 \\
 \uparrow & & \downarrow & & & & \\
 4 & & 4 & & 23 & & 23 \\
 + 8 & & + 8 & & + 13 & & + 13 \\
 9 & & 9 & & 10 & & 10 \\
 \hline & & & & \hline & & \\
 26 & & 26 & & & &
 \end{array}$$

ISU GEE :

$$\begin{array}{ccccc}
 3 & & 7 & & 8 & & 5 \\
 + 2 & & + 1 & & + 7 & & + 6 \\
 1 & & 8 & & 6 & & 4 \\
 \hline & & & & & &
 \end{array}$$

$$\begin{array}{ccccc}
 25 & & 4 & & 8 & & 3 \\
 36 & & 9 & & 7 & & 9 \\
 + 15 & & + 3 & & + 6 & & + 4 \\
 24 & & 18 & & 4 & & 8 \\
 \hline & & & & & &
 \end{array}$$

Haddii aynu isu geyno 3 iyo 4 waxaynu heleyntaa 7.

$$3 + 4 = 7.$$

Tirooyinka la isu geeyo waxa la yiraahdaa biirooyin. Mar-kaa 3 waa biiro, 4na waa biiro.

Tirooyin marka la isu geeyo, tirada ay ina siiyaan waxa la yiraahdaa wadar. Marka 7 waa wadarta 3 iyo 4.

$$\begin{array}{r} 3 \\ \downarrow \\ \text{biiro} \end{array} + \begin{array}{r} 4 \\ \downarrow \\ \text{biiro} \end{array} = \begin{array}{r} 7 \\ \downarrow \\ \text{wadar} \end{array} \quad \begin{array}{l} 14 \longrightarrow \text{biiro} \\ + 25 \longrightarrow \text{biiro} \\ \hline \end{array}$$

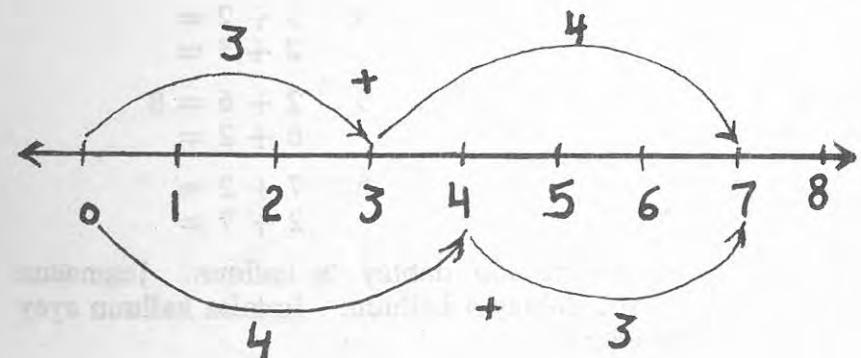
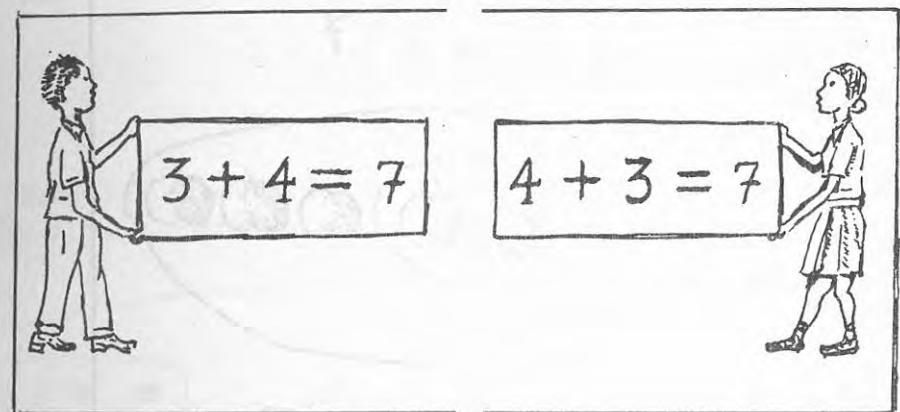
$$\begin{array}{r} 52 \\ \downarrow \\ \text{biiro} \end{array} + \begin{array}{r} 61 \\ \downarrow \\ \text{biiro} \end{array} = \begin{array}{r} 113 \\ \downarrow \\ \text{wadar} \end{array} \quad 39 \longrightarrow \text{wadar}$$

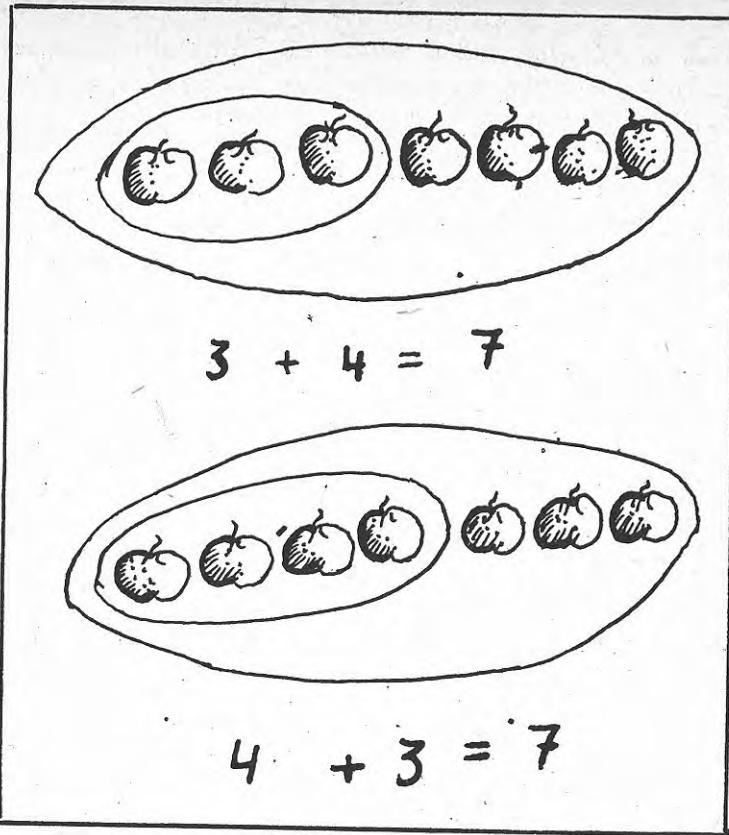
1. Cali wuxuu haystaa 4 Buug. Caashana waxay hay-sataa 3 Buug, waa immisa tirada buugaagta ay hay-staan Cali iyo Caasha ?
2. Geediaabihii wuxuu haystaa 2 Sac. Guuleedna reerkoodu wuxuu leeyahay 3 sac. Immisa sac ayey leeyihiin labadaa reer ?
3. Yuusuf wuxuu cuney shalay 3 xabbo oo muus ah. Maanta wuxuu cuney 2 xabbo oo muus ah. Immisa muus ah ayuu cuney Cali maanta iyo shalay ?
4. Waa immisa wadarta 3 iyo 6 ?
5. Waxay Caashi haysataa 23 shilin. Ku biiri 36 shilin. Waa immisa wadartu ?

Cali wuxuu haystaa 3 xabbo oo muus ah. Caasha wa-xay haysataa 4 xabbo oo muus ah. Waxaa la weyddiyey, immisaa xabbo oo muus ah ayaad haysataan ?

Cali sidan buu uga shaqeeyey

Caasha sidan bay uga shaqaysay.





1. $3 + 2 =$
 $2 + 3 =$

2. $4 + 1 =$
 $1 + 4 =$

3. $3 + 4 =$
 $4 + 3 =$

1. Macaw wuxuu soo dabtay 5 kalluun. Jaamacna wuxuu soo dabtay 4 kalluun. Immisa kalluun ayey soo dabteen ?

2. Cumar wuxuu beeray 3 geed. Axmedna wuxuu beeray 7 geed. Immisa geed ayey beereen Cumar iyo Axmed ?

Wadarta 2 iyo 1 waa immisa ?

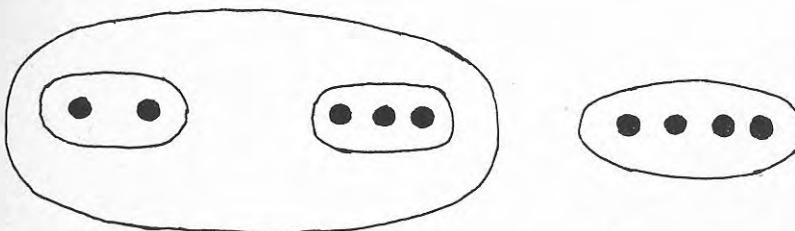
Cabdi wuxuu haystaa 2 qalin. Caashina waxay haysataa 3 qalin. Faadumana waxay haysataa 4 qalin. Tirada qalimada ay Cabdi, Caasha iyo Faaduma haystaan waxa weeye :

$$\begin{array}{r} (2 + 3) + 4 = 9 \\ \downarrow \\ 5 + 4 = 9 \end{array}$$

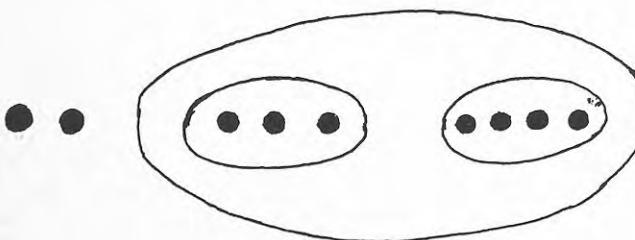
ama

$$\begin{array}{r} 2 + (3 + 4) = 9 \\ \downarrow \\ 2 + 7 = 9 \end{array}$$

Saddexda biiro haddii labada hore ama labada dambe ay-nu isu geyno, wadartu waa isku mid.



$$\begin{array}{r} (2 + 3) + 4 = 9 \\ \downarrow \\ 5 + 4 = 9 \end{array}$$



$$\begin{array}{r} 2 + (3 + 4) = 9 \\ \downarrow \\ 2 + 7 = 9 \end{array}$$

Layli:

$$1. (4 + 2) + 3 =$$

$$4 + (2 + 3) =$$

$$3. (1 + 4) + 5 =$$

$$1 + (4 + 5) =$$

$$5. 3 + (6 + 2) =$$

$$(3 + 6) + 2 =$$

$$7. (5 + 6) + 7 =$$

$$5 + (6 + 7) =$$

$$9. (8 + 5) + 2 =$$

$$8 + (5 + 2) =$$

$$2. (3 + 1) + 2 =$$

$$3 + (1 + 2) =$$

$$4. (5 + 4) + 5 =$$

$$5 + (4 + 5) =$$

$$6. 1 + (5 + 2) =$$

$$(1 + 5) + 2 =$$

$$8. (8 + 4) + 9 =$$

$$8 + (4 + 9) =$$

$$10. (7 + 9) + 8 =$$

$$7 + (9 + 8) =$$

$$10 = \text{ } x \text{ tobnaad}$$

$$100 = 10 \text{ tobnaad}$$

$$1000 = 10 \text{ boqlaad}$$

$$1000 = 1 \text{ kumaad}$$

$$3000 = 3 \text{ kumaad}$$

$$3000 = 30 \text{ boqlaad}$$

4532 = 4 kumaad 5 boqlaad 3 tobnaad iyo 2 koowaad.

5106 = — kumaad — boqlaad — tobnaad — koowaad.

145 = — kumaad — boqlaad — tobnaad — koowaad.

3 = — kumaad — boqlaad — tobnaad — koowaad.

6785 = — kumaad — boqlaad — tobnaad — koowaad.

$$410 - 415$$

$$35 - 120$$

$$615 - 203$$

$$4510 - 2115$$

$$3215 - 300$$

$$2156 - 2158$$

$$8461 - 9561$$

$$35 - 3216$$

$$\begin{aligned}
 345 &= 300 + 40 + 5 \\
 + 420 &= 400 + 20 + 0 \\
 114 &= 100 + 10 + 4 \\
 \hline
 \end{aligned}$$

$$800 + 70 + 9 = 879$$

$$\begin{aligned}
 4603 &= 4000 + 600 + 0 + 3 \\
 + 514 &= 0 + 300 + 10 + 4 \\
 1021 &= 1000 + 0 + 20 + 1 \\
 \hline
 \end{aligned}$$

$$5000 + 900 + 30 + 8 = 5938$$

I s u g e e :

$$\begin{array}{rcc}
 4631 & 263 & 6142 \\
 + 1215 & + 75 & + 3135 \\
 \hline
 \end{array}$$

$$\begin{array}{rcc}
 5582 & 5581 & 3382 \\
 + 6215 & + 4521 & + 1463 \\
 1501 & 2103 & 4203 \\
 \hline
 \end{array}$$

KALAGOYNTA

K a l a g o o

	B	T	J	X	D	R	S	C
1)	14 — 8	12 — 9	11 — 7	14 — 7	11 — 3	17 — 8	13 — 7	15 — 6
2)	15 — 9	14 — 9	11 — 4	16 — 9	13 — 8	16 — 8	18 — 9	12 — 7
3)	13 — 6	12 — 9	13 — 9	11 — 6	11 — 8	13 — 5	16 — 7	12 — 5
4)	12 — 6	11 — 9	13 — 4	15 — 7	11 — 2	14 — 5	17 — 8	14 — 6

Marka la kala goynayo tobnaadka ama boqlaadka waxay-nu u kala goynaa sida aynu u kala goyno koowaadka. Dabadeedna haraa walba waxan ku qorraa godka ku qumman.

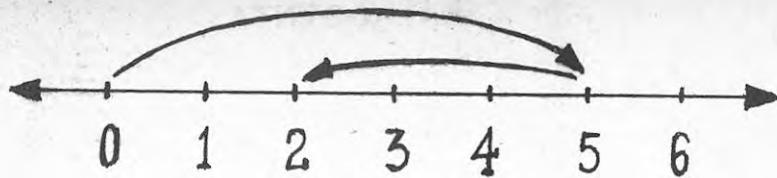
T u s a a l e :

(i)	(ii)	(iii)	(iv)
14 — 8	38 — 14	40 — 10	140 — 80
—	—	—	—

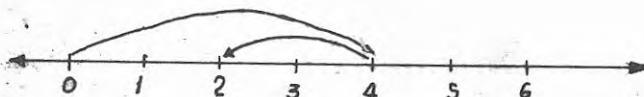
L a y l i :

Kala goo,

1)	17 — 8	35 — 12	62 — 10	80 — 40	50 — 30	56 — 24	170 — 80
2)	130 — 90	12 — 5	47 — 26	13 — 6	120 — 50	60 — 20	180 — 90



$$5 - 3 = 2$$



$$4 - 2 = 2$$

1. Weedh walba ku sameexatriiqtiro u gaar ah

$$3 - 2 = 1$$

$$4 - 1 = 3$$

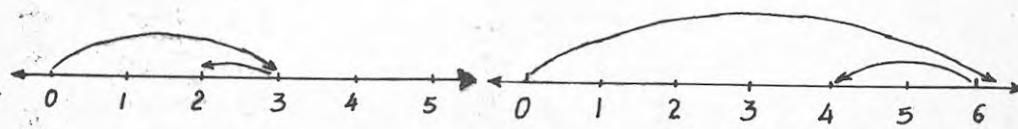
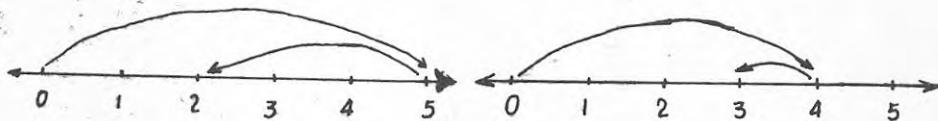
$$5 - 2 = 3$$

$$6 - 4 = 2$$

$$3 - 1 = 2$$

$$7 - 5 = 2$$

2. Xarriiq tiro oo walba qor weedha kalagoynta ah ee ay tu-seyso.



Markaynu tobnaadka kala goynayno, waxaynu u kala goynaa sida aynu u kala goyno koowaadka. Dabadeedna waan haraa walba ku qornaa godka ku qumman.

Haddii aynaan la gooyaha ku haysan koowaad inagu filan waxaynu amaahannaa hal ka mid ah tobnaadka. Waxaynu 1 toban u rognaa 10 kow.

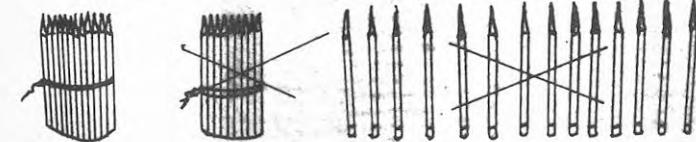
Tusaale :

(B) Kala goo

$$\begin{array}{r} 34 \\ - 16 \\ \hline \end{array}$$



U BEDDEL



KA QAAD 16

$$\begin{array}{r} 34 = 30 + 4 = 20 + 14 \\ - 16 = 10 + 6 = 10 + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ - 16 \\ \hline \end{array}$$

$$10 + 8 = 18$$

$$18$$

(T) Kala goo



$$\begin{array}{r} 30 = 30 + 0 = 20 + 10 \\ - 14 = 10 + 4 = 10 + 4 \end{array}$$

$$\begin{array}{r} 30 \\ - 4 \\ \hline 16 \end{array}$$

Sheeg sida looga shaqeeay laylisyadan

$$\begin{array}{cccc} 1) & 44 & 2) & 32 \\ - 18 & & - 18 & \\ \hline 26 & & 24 & \end{array} \quad \begin{array}{ccc} 3) & 45 & 4) & 52 \\ - 27 & & - 36 & \\ \hline 28 & & 46 & \end{array}$$

Layli :

Kala goo

1)	36	2)	43	3)	45	4)	52	5)	40	6)	30
	- 19		- 29		- 7		- 13		- 28		- 14
7)	44	8)	74	9)	80	10)	24	11)	40	12)	68
	- 16		- 25		- 29		- 6		- 5		- 19
13)	20	14)	50	15)	74						
	- 4		- 20		- 25						

(Naqtiiin)

Tiro seddex god ah oo laga goynayo tiro seddex god ah.
Baro kalagoyn ta tusaale walba.

$$\begin{array}{ll} B) & 364 \text{ laga gooye} \\ - 123 \text{ la gooye} & \\ \hline 241 \text{ haraa} & \end{array} \quad \begin{array}{ll} T) & 656 \text{ laga gooye} \\ - 378 \text{ la gooye} & \\ \hline 278 \text{ haraa} & \end{array}$$

— Tusaalooyinka B iyo T koowaadka kala goo, tobnaadka kala goo, boqolaadkana kala goo.
— Tusaalahaa T, hal tobant u rog 10 koowaad; hal boqolna u rog 10 tobnaad.

Hubsimo :

Haddii aynu doonayno inaynu hubinno shaqo kalagoyn ah waa inaynu isu geynaa la gooyaha iyo haraaga oo wadar-toodu noqotaa laga gooyaha.

$$\begin{array}{ll} B) & 123 \text{ la gooye} \\ + 241 \text{ haraa} & \\ \hline 364 \text{ laga gooye} & \end{array} \quad \begin{array}{ll} T) & 378 \text{ la gooye} \\ + 278 \text{ haraa} & \\ \hline 656 \text{ laga gooye} & \end{array}$$

Layli :

Kala goo oo hubi jawaabta.

	(B)	(T)	(J)	(X)	(Kh)
1)	580	456	164	452	366
	- 320	- 321	- 146	- 215	- 206

	(B)	(T)	(J)	(X)	(Kh)
2)	635	134	935	875	653
	- 452	- 128	+ 244	- 431	- 486

3) Dugsiga waxa dhigta 350 arday. Waxa hablo ah 124. Waa immisa tirada wiilashu ?

4) Faaduma hooyadeed waxay haysay 360 Shilin. Waxay reerka alaaboo u soo siisay 245 Shilin. Waa immisaa lagacta u soo hartay Faaduma hooyadeed ?

Tiro afar god ah oo laga goynayo tiro saddex god ah :
Baro kala goynta tusaale walba

	4358 laga gooye	T)	4362 laga gooye
	- 124 la gooye		- 475 la gooye
	4234 haraa		3887 haraa

— Tusaalooyinka B iyo T, koowaadka kala goo, tobnaadka kala goo, boqlaadkana kala goo, kumaadkana soo deji.

— Tusaalahaa T hal 10 u rog 10 koowaad. Hal boqolna u rog 10 tobnaad, hal 1000 u rog 10 boqolaad.

Hubsimo :

B)	124 la gooye	T)	475 la gooye
	+ 4234 laga gooye		+ 3887 laga gooye
	4358 haraa		4362 haraa

Layli :

Kala goo oo hubi jawaabta

	(B)	(T)	(J)	(X)	(Kh)
1)	4637	1651	7461	1540	8924
	- 524	- 295	- 283	- 365	- 298
2)	1560	3205	1456	5674	6205
	- 524	- 360	- 374	- 135	- 109

3) Baabuur baa miisaankiisu yahay 2348 oo kiiloo markuu xamuul sido. Xamuulkuu sido miisaankiisu waa 857 kiilo. Waa immisa miisaanka baabuurka markuu madhan yahay ?

4) Beerta Cali waxaa ku taal 2174 geed. Beerta Cabdina waxaa ku taal 946 geed. Immisa geed bay labada bee-rood isdheer yihiin.

Tiro afar god ah oo laga goynayo tiro afar god ah :
Baro kalagoynta tusaale walba.

B)	5436 laga gooye - 2314 la gooye — 3112 haraa	T)	5336 laga gooye - 2527 la gooye — 2809 haraa
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- Tusaalooyinka B iyo T koowaadka kala goo, tob-naadkana kala goo, kumaadkana kala goo.
— Tusaalaha T, hal toban u rog 10 koowaad, hal boqol u rog 10 tobnaad, hal kunna u rog 10 boqlaad.

H u b s i i m o :

B)	2314 la gooye + 3122 haraa — 5436 laga gooye	2527 la gooye + 2809 haraa — 5336 laga gooye
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Tiro shan god ah oo laga goynayo tiro kale.
Sheeg sida looga shaqeeeyey tusaalaha B iyo T. Dhammee J iyo X.

B)	54236 - 1458 — 52778	T)	64762 - 23421 — 41341
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J)	1458 la gooye + 52778 haraa — ????? laga gooye	X)	23421 la gooye + ???? haraa — ????? laga gooye
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L a y l i :

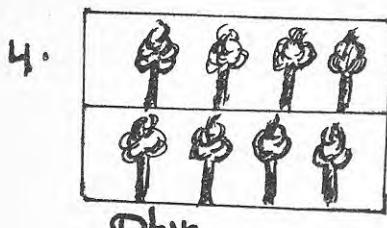
Kala goo oo hubi jawaabta

	B	T	J	X	D
1)	52637 - 1514 —	19435 - 7843 —	48015 - 6304 —	38512 - 1430 —	72836 - 1153 —
2)	4678 - 3215 —	7550 - 3150 —	8159 - 4266 —	3915 - 6145 —	6145 - 3035 —
3)	16894 - 10589 —	19850 - 14210 —	1516 - 1230 —	89456 - 26567 —	75543 - 31263 —
4)	2674 - 1380 —	30478 - 4186 —	35174 - 23080 —	35152 - 4215 —	68468 - 40890 —
5)	18463 - 3657 —	78450 - 45149 —	3250 - 2042 —	63400 - 54321 —	45473 - 3140 —
6)	35678 - 2381 —	18463 - 3657 —	5418 - 1052 —	35678 - 2381 —	4530 - 3240 —

1. ⭐ ⭐ ⭐
⭐ ⭐ ⭐
xiddigo

2.)))
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Bilo

3. △ △ △ △
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Saddexagallo

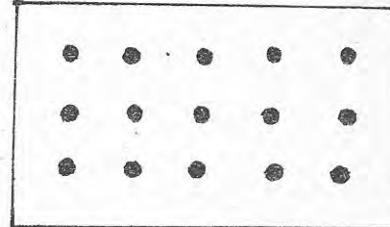


Dhir

5. ○ ○ ○
○ ○ ○ ○
○ ○ ○ ○
Goo booyih

6. WARQAD
XISAAB
xalfe Erayo

7.



Baro

B B B B
B B B B
8. B B B B
B B B B
B B B B

9. Qor 5 min 6 W.ah

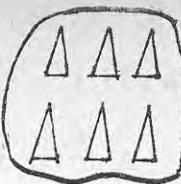
10. Cali wuxuu haystaa 4 meelood oo min 3 qalin ah.
Deeqi waxay haysataa 3 meelood oo min 4 qalin ah.
Haddaba kee baa qalimo badan ?



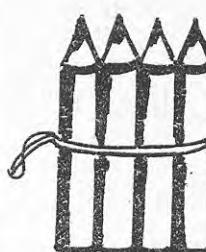
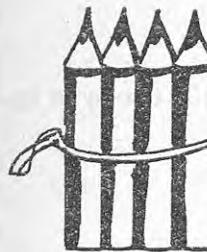
3 + 3



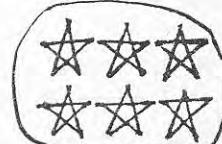
waa



6

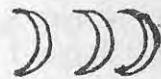


waa



2 + 2 + 2 = 6

Saddex xidhmo oo min afar qalin ahi waa immisa ?



3 meelood oo min 3 bilood ahi waa _____.

I s u g e e :

- b) $2 + 2 + 2 =$
- t) $3 + 3 =$
- j) $4 + 4 + 4 =$
- x) $5 + 5 + 5 =$

Waxu jirta si gaaban oo loo qoro kuwa sare.

- Fiiiri b) waa 3 min 2 ah, ama 3×2 .
 t) waa 2 min 3 ah, ama 2×3
 j) waa --- min --- ah, ama ---

Layli :

Akhri oo sheeg jawaabta.

- | | |
|-----------------|-----------------|
| 1) 4×3 | 5) 3×4 |
| 2) 5×3 | 6) 3×5 |
| 3) 2×4 | 7) 4×2 |
| 4) 3×6 | 8) 6×3 |

Biiro u gee biiro waa wadar. Tiro ku dhufo tiro waa taran.

$$\text{Eeg : } 4 \times 3 = 12 \rightarrow \text{taran.}$$

4 iyo 3 midba magac baa loogu yeera

$$\begin{array}{rcl} 4 & \leftarrow \text{lagu dhufte} & \rightarrow 4 \times 3 = 12 \\ & & \uparrow \\ \times 3 & \leftarrow \text{dhufte} & \quad \quad \quad \uparrow \\ 12 & \leftarrow \text{taran} & \quad \quad \quad \end{array}$$

Sheeg taranka.

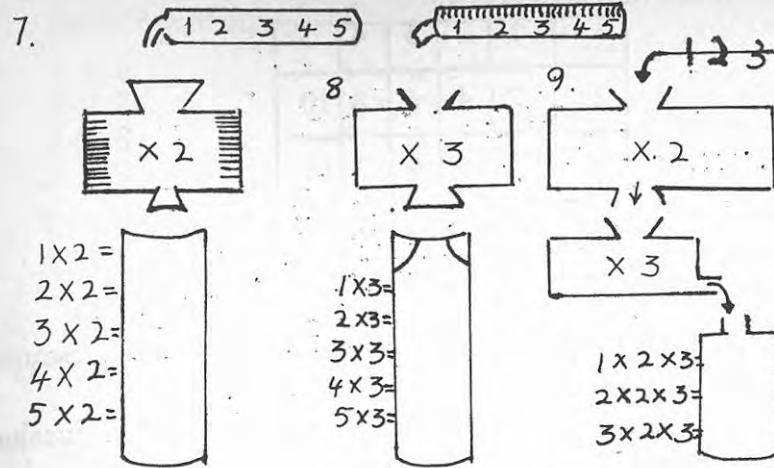
- b) 2 iyo 3
- t) 3 iyo 4
- j) 4 iyo 2
- x) 4 iyo 3
- d) 5 iyo 1

Guuri oo mid kasta ku qor magac meesha ()

$$\begin{array}{ll} 1. \quad 3 \cdot () & 4. \quad 6 \cdot () \\ \times 2 \quad () & \times 3 \quad () \\ \hline \end{array}$$

$$\begin{array}{ll} 2. \quad 4 \cdot () & 5. \quad 3 \\ \times 2 \quad () & \times 6 \quad () \\ \hline 8 & 18 \end{array}$$

$$\begin{array}{ll} 3. \quad 2 \cdot () & 6. \quad 2 \cdot () \\ \times 4 & \times 3 \\ \hline 8 & 6 \end{array}$$



10. Axmed baa aabbihii siiyey 5 qardaas oo mid walba ay ku jirto 3 xabbo oo nacnac ah. Waa immisa xabbo nacnaca Axmed haystaa ?

Tiro kasta ku dhufo 2, oo ku hoos qor jawaabta.

x	1	2	3	4	5
2					

Tiro kasta ku dhufo 3 oo ku hoos qor jawaabta.

x	1	2	3	4	5
3					

Hadda waxaan hellay tusaha iskudhufashada 2 iyo ka 3 oo ilaa 5 ah.

x	1	2	3	4	5
2	2	4	6	8	10

x	1	2	3	4	5
3	3	6	9	12	15

Samee tusaha iskudhufashada 4

x	1	2	3	4	5
4					

Aan saddexda tuse isku qorro :

x	1	2	3	4	5
2	2	4	6	8	10
3	3	6	9	12	15
4	4	8	12	16	20

Layli :

1. Tiro kasta ku dhufo 1, taranka waa iska tiradii : Samee tusaha iskudhufashada 1.
2. Tiro kasta ku dhufo 0, taranku waa 0. Samee tusaha iskudhufashada 0.
3. Buuxi tusayaasha.

x	3	5	x	4	5	x	1	2	3
3			4			5			
5				0	1	2	3	4	5

4. Marka la isku qoro tusahayaasha iskudhufashada ee 0, 1, 2, 3, 4, 5, waxa soo baxa tusahan :

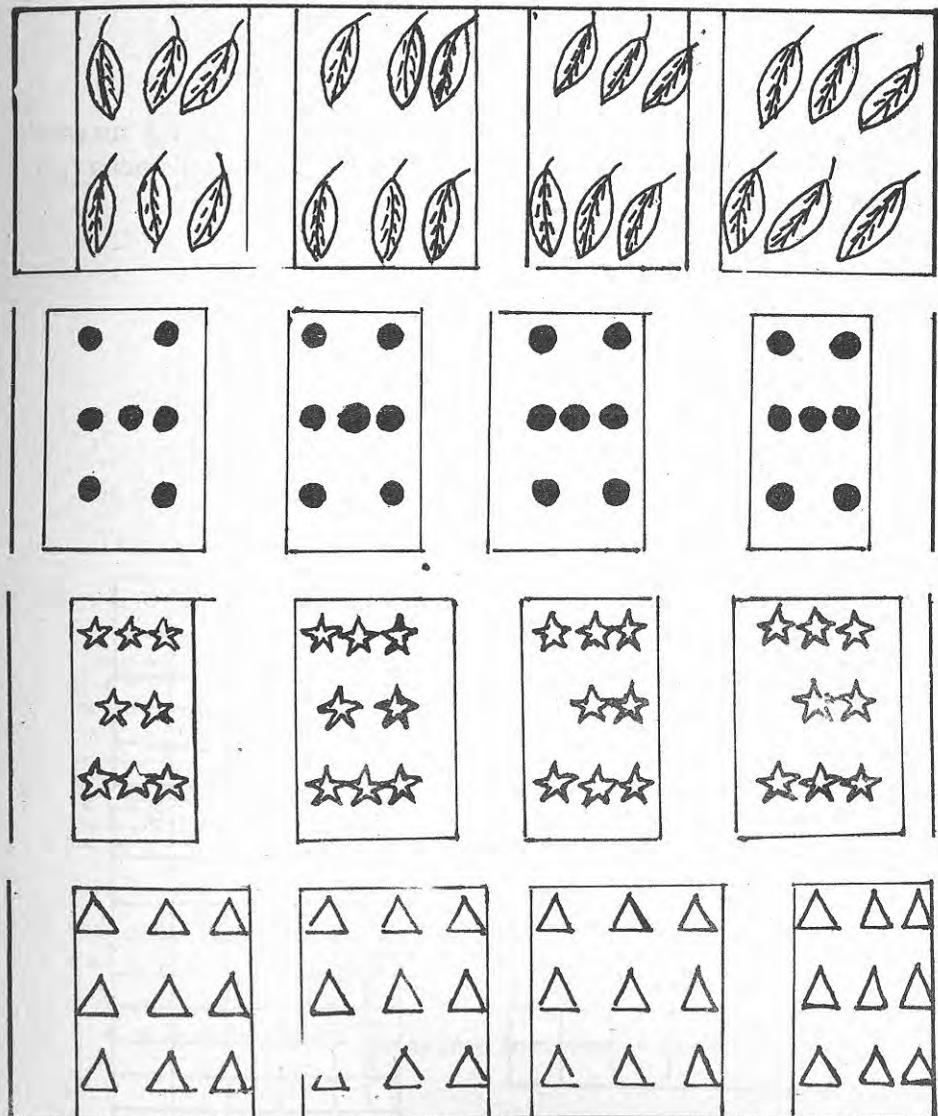
x	0	1	2	3	4	5
0						
1						
3						
2						
4						
5						

Buuxi tus:

1. Sawir weedhahan.

2×6	3×6
2×7	3×7
2×8	3×8
2×9	3×9

2. Qor weedha



Layli :

1. $5 \times 5 + 5 =$
2. $6 \times 5 + 5 =$
3. $7 \times 5 + 5 =$
4. $5 \times 6 =$
5. $5 \times 7 =$
6. $5 \times 8 =$
7. $5 \times 9 =$
8. $3 \times 3 \times 5 =$
9. $5 \times 1 \times 4 =$

10. Guriga Cabdi waxa yaalla 3 sanduuq oo min 2 surwaal ku jiro. Surwaal kasta waxa ku jira 2 shilin oo lacag ah. Waa immisa lacagta sanduuqyada oo idil ku jirtaa ?

Raadi

6×6	7×7	8×8
6×7	7×8	8×9
6×8	7×9	9×9
6×9		

Buuxi tusayaashan hoose

\times	1	2	3	4	5
1					
2					
3					
4					
5					

\times	1	2	3	4	5
6					
7					
8					
9					

\times	6	7	8	9
6				
7				
8				
9				

\times	6	7	8	9
1				
2				
3				
4				
5				
6				
7				
8				
9				

\times	1	2	3	4	5	6	7	8	9
1									
2									
3									
4									
5									
6									
7									
8									
9									

6. Iskudhufashadu waxay isu raacdaa lammaan.

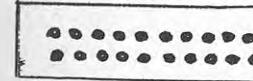
Sida

$$\begin{array}{r}
 & 5 & & 4 \\
 \times & 4 & & 5 \\
 \hline
 20 & & 20
 \end{array}$$

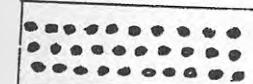
Haddaba tusaha 5 ee sare, lammaan kasta gooni isugu ag qor.

Tira kasta marka lagu dhufto "1", taranku waa isla tiradii.

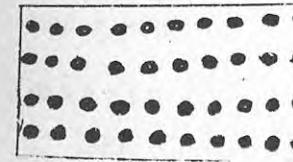
$$10 \times 1 = \underline{\hspace{2cm}}$$



$$= \text{laba min tobani ah}, 2 \times 10 = 20$$



$$\text{Saddex min tobani ah}, 3 \times 10 = 30$$



$$\text{Asar min tobani ah}, 4 \times 10 = 40$$

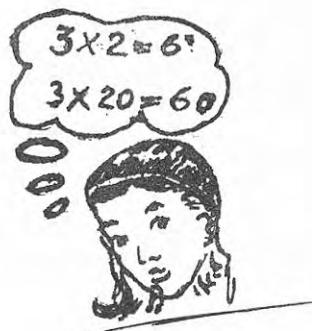
Soo saar

- | | |
|---|---------------|
| 1. 5×10 | 10×5 |
| 2. 6×10 | 10×6 |
| 3. 7×10 | 10×7 |
| 4. 8×10 | 10×8 |
| 5. 9×10 | 10×9 |
| 6. Sida kuwa sare, sawir toban min toban ahi waa immisa ? | |

$$\text{Haddaba } 2 \times 20 = 20 + 20 = 40$$

$$3 \times 20 = 20 + 20 + 20 = 60$$

Si ka fudud oo loo soo saaro 3×20 , oo kale; horta 3 iyo 2 iskudhufo, waa 6. Kaddib 6×10 waa 60.



Ma adka iskudhufashada 4 iyo 12. Waxan naqaan in

$$\begin{array}{r}
 12 = 10 + 2 \\
 \times 4 \quad \times 4 \\
 \hline
 40 + 8
 \end{array}$$

Shaqadu waa sidan :

- 1) 4 baa lagu dhuftay 2, waa 8
- 2) 4 baa lagu dhuftay 10, waa 40
- 3) labada taran baa wadartooda la helay, waa 48.

Tusaale 1

$$\begin{array}{r}
 \text{Raadi taranka} \quad 54 \\
 \times 2 \\
 \hline
 \end{array}$$

Furfuris :

$$\begin{array}{r}
 54 = \quad 50 + 4 \\
 \times 2 \quad \times 2 \\
 \hline
 100 + 8 = 108
 \end{array}$$

Fiiri, lagu dhuftaha yaa loo fidiyey tobnaad iyo koowaad, mar-kaasaa dhuftihii midba mar lagu dhuftay. Kadibna waxa la isu geeyey tarannada oo wadartoodu tahay jawaabtii.

Layli 1

Raadi taranka tirooyinkan.

$$\begin{array}{ccccc}
 52 & 61 & 42 & 72 & 32 \\
 \times 3 & \times 3 & \times 4 & \times 2 & \times 2 \\
 \hline
 51 & 23 & 51 & 62 & 91 \\
 \times 8 & \times 3 & \times 4 & \times 9 & \times 9 \\
 \hline
 \end{array}$$

Haddii tirada lagu dhuftuhu yahay boqlaad, tobnaad iyo koo-waad, iyadana sida sare oo kalaa la yeelaa.

Tusaale :

$$\begin{array}{r}
 \text{Isku dhufo} \quad 232 \\
 \times 3 \\
 \hline
 \end{array}$$

Furfuris :

$$\begin{array}{rcl}
 232 & = & 200 + 30 + 2 \\
 \times 3 & & \times 3 \\
 \hline
 & & \\
 & 600 + 90 + 6 = 696 &
 \end{array}$$

Layli 2

$$\begin{array}{ccccc}
 432 & 312 & 413 & 112 & 221 \\
 \times 2 & \times 3 & \times 2 & \times 4 & \times 2 \\
 \hline
 & & & &
 \end{array}$$

$$\begin{array}{ccccc}
 320 & 414 & 420 & 314 & 301 \\
 \times 3 & \times 1 & \times 2 & \times 2 & \times 3 \\
 \hline
 & & & &
 \end{array}$$

$$\begin{array}{ccccccc}
 111 & 300 & 101 & 120 & 340 & 242 \\
 \times 6 & \times 4 & \times 8 & \times 4 & \times 2 & \times 2 \\
 \hline
 & & & & & &
 \end{array}$$

Waxaan soo baranay sida laysugu dhufto;

$$\begin{array}{ccc}
 \text{B)} & \begin{array}{r} 32 \\ \times 3 \\ \hline \end{array} & \text{T)} & \begin{array}{r} 232 \\ \times 3 \\ \hline \end{array} \\
 & & &
 \end{array}$$

Waxa aynu isticmaalnay sansaanka fidsan. Hadda bal fiiri sidan gaaban ee iskudhufashada loo sameeyo.

$$\begin{array}{ccc}
 \text{B)} & \begin{array}{c|c}
 \text{Tobnaad} & \text{Koowaad} \\
 \hline
 3 & 2 \\
 & \times 3 \\
 \hline
 9 & 6
 \end{array} & \text{T)} & \begin{array}{c|c|c}
 \text{Boq.} & \text{Tob.} & \text{Kow.} \\
 \hline
 2 & 3 & 2 \\
 & \times 3 \\
 \hline
 6 & 9 & 6
 \end{array} \\
 & & &
 \end{array}$$

2 koowaad \times 3 koowaad = 6 koowaad.

3 tobnaad \times 3 koowaad = 9 tobnaad.

Tusaale I

$$\begin{array}{ll}
 \text{Isku dhufo.} & \text{b)} 61 \times 8 \\
 & \text{t)} 613 \times 2
 \end{array}$$

Furfuris :

$$\begin{array}{ccc}
 \text{b)} & \begin{array}{c|c|c}
 \text{B} & \text{T} & \text{K} \\
 \hline
 & 6 & 1 \\
 & & \times 8 \\
 \hline
 4 & 8 & 8
 \end{array} & \text{t)} & \begin{array}{c|c|c}
 \text{B} & \text{T} & \text{K} \\
 \hline
 6 & 2 & 3 \\
 & & \times 2 \\
 \hline
 1 & 2 & 4 \\
 & & 6
 \end{array} \\
 & & &
 \end{array}$$

Dhuftaha ku dhufo koowaad, taranka ku qor rugta koowaadka. Ku dhufo tobnaadka, taranka ku qor rugta tobnaadka. Ku dhufo boqlaadka, taranka ku qor rugta boqlaadka.

Akhri oo sheeg tallaabooyinka iskudhufasha kastaa la qaaday.

Tusaale :

$$\begin{array}{|c|c|c|} \hline b & t & k \\ \hline 4 & 2 & \\ \hline 4 & 2 & \\ \hline \times & & \\ \hline 4 & 2 & \\ \hline \hline 1 & 2 & 6 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline b & t & k \\ \hline 4 & 2 & \\ \hline 4 & 2 & \\ \hline \times & 3 & \\ \hline 1 & 2 & 6 \\ \hline \end{array}$$

$$3 \text{ koowaad} \times 2 \text{ koowaad} \\ 3 \text{ koowaad} \times 4 \text{ tobnaad.}$$

$$\begin{array}{|c|c|c|} \hline b & t & k \\ \hline 7 & 2 & \\ \hline \times & 4 & \\ \hline 8 & 0 & \\ \hline 2 & 8 & \\ \hline \hline 2 & 8 & 8 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline b & t & k \\ \hline 8 & 3 & \\ \hline \times & 3 & \\ \hline 9 & 0 & \\ \hline 2 & 4 & \\ \hline \hline 2 & 4 & 9 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline b & t & k \\ \hline 6 & 4 & \\ \hline \times & 2 & \\ \hline 1 & 2 & 0 \\ \hline 1 & 2 & 8 \\ \hline \end{array}$$

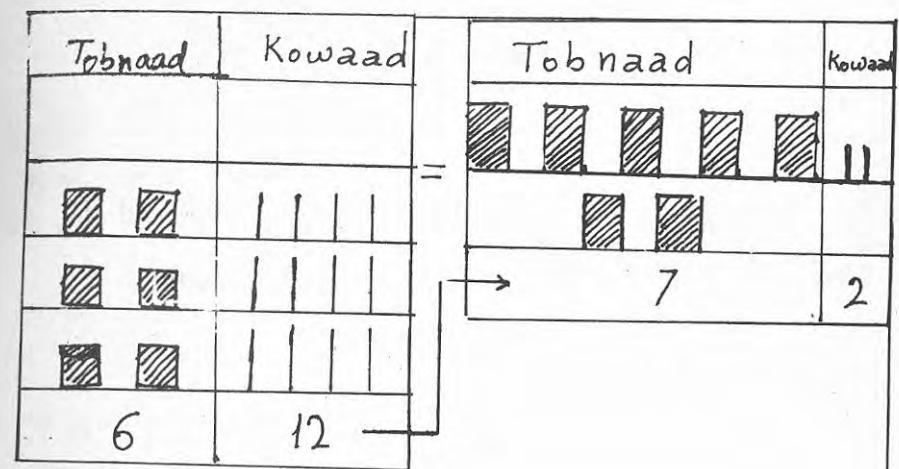
$$\begin{array}{|c|c|c|} \hline b & t & k \\ \hline 9 & 3 & \\ \hline \times & 3 & \\ \hline 8 & 0 & \\ \hline 2 & 7 & \\ \hline \hline 2 & 7 & 9 \\ \hline \end{array}$$

Qoraal

Raadi taranka.

$$\begin{array}{r} 24 \\ \times 2 \\ \hline 33 \\ \times 2 \\ \hline 54 \\ \times 2 \\ \hline 19 \\ \times 1 \\ \hline \\ \hline 32 \\ \times 3 \\ \hline 62 \\ \times 3 \\ \hline 71 \\ \times 3 \\ \hline 22 \\ \times 4 \\ \hline \\ \hline 81 \\ \times 6 \\ \hline 71 \\ \times 7 \\ \hline 82 \\ \times 4 \\ \hline 91 \\ \times 9 \\ \hline \end{array}$$

Waxan rabnaa in aan isku dhufanno 24 iyo 3. U fiirso sa-wirka hoose.



Waxan aragnaa in $24 \times 3 = 7$ tobnaad iyo 2 koowaad
= 72

Tusaale :

isku dhufo 26×3

Furfuris :

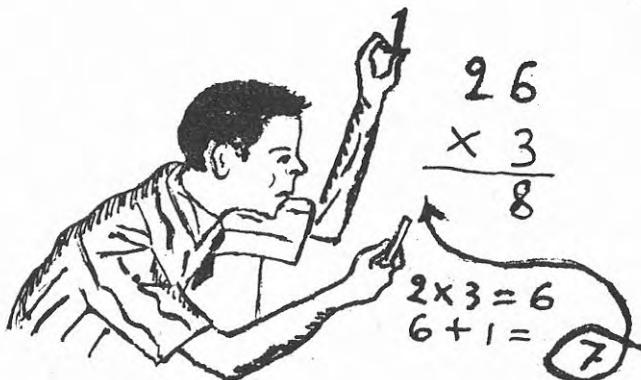
$$\begin{array}{r} 26 \\ \times 3 \\ \hline \end{array}$$

- 1) 3 ku dhufo 6 waa 18 koowaad = 1 tobnaad iyo 8 koowaad. Qor koowaad. Sido 1 tobnaadka.

$$\begin{array}{r} 26 \\ \times 3 \\ \hline 8 \end{array}$$

- 2) ku dhufo 2 waa 6 tobnaad. u gee 1 tobnaadkii aad sidatey, $6 + 1 = 7$ tobnaad, ku qor rugta tobnaadka.

$$\begin{array}{r} 26 \\ \times 3 \\ \hline 78 \end{array}$$



Tusaale 2

Raadi taranka 46×6 .

Furfuris :

$$\begin{array}{r} 46 \\ \times 6 \\ \hline \end{array}$$

- 1) $6 \times 6 = 36$. Qor tirada koowaadka, sido tobnaadka.

$$\begin{array}{r} 48 \\ \times 6 \\ \hline 6 \end{array}$$

- 2) $4 \times 6 = 24$, ku dar tiradii aad sidatay $24 + 3 = 27$. Wadarta qor.

$$\begin{array}{r} 46 \\ \times 6 \\ \hline 276 \end{array}$$

Layli :

Raadi taranka

$\begin{array}{r} 29 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 35 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 99 \\ \times 2 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ \times 7 \\ \hline \end{array}$
$\begin{array}{r} 27 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 64 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 25 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 26 \\ \times 3 \\ \hline \end{array}$
$\begin{array}{r} 67 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 87 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 39 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 22 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 46 \\ \times 9 \\ \hline \end{array}$

Waxaan ka soo gudubney marka la sito tiro tobnaad ah
Hadda waxan geleynaa sidashada tiro boqlaad ah.

Tusaale 1

isku dhufo 364×2

Furfuris :

u fiirso sawirkan :

Boqolaad	Tobnaad	Koowaad
□ □ □		///
□ □ □		///
6	12	8

Boqolaad	Tobnaad	Koowaad
□		
7	2	8

sidaa awgeed

$$\begin{array}{r} 364 \\ \times 2 \\ \hline 728 \end{array}$$

Tusaale 2

isku dhufo 258×3

Furfuris :

$$\begin{array}{r} 258 \\ \times 3 \\ \hline \end{array}$$

- 1) $3 \times 8 = 2$ tobnaad iyo 4 koowaad. Qor 4ta koowaad.
waxaad sidaa 2 tobnaad.

$$\begin{array}{r} 3 \\ \times 3 \\ \hline 4 \\ \hline \end{array}$$

- 2) $3 \times 5 = 15$ tobnaad. Ku dar 2 tobnaad ee aad sidatay waa 17 tobnaad. Qor 7da tobnaad. Waxaad sidataa 1boqlaad.

$$\begin{array}{r} 258 \\ \times 3 \\ \hline 74 \\ \hline \end{array}$$

- 3) $3 \times 2 = 6$ boqlaad. Ku dar 1 boqlaadkii aad sidatay. Waa 7 boqlaad. Wada qor.

$$\begin{array}{r} 258 \\ \times 3 \\ \hline 774 \\ \hline \text{jawaab.} \end{array}$$

Layli :

Raadi taranka

$$\begin{array}{r}
 873 \quad 690 \quad 641 \quad 602 \quad 476 \\
 \times 3 \quad \times 3 \quad \times 5 \quad \times 4 \quad \times 6 \\
 \hline
 757 \quad 398 \quad 688 \quad 258 \quad 119 \\
 \times 4 \quad \times 5 \quad \times 5 \quad \times 6 \quad \times 8 \\
 \hline
 865 \quad 327 \quad 148 \quad 821 \quad 619 \\
 \times 5 \quad \times 7 \quad \times 8 \quad \times 9 \quad \times 9 \\
 \hline
 \end{array}$$

Tusaale 1.

33 ku dhufo 12

Furfuris :

$$\begin{aligned}
 33 &= 30 + 3 \\
 \times 12 &= 10 + 2 \\
 \hline
 6 &\rightarrow 2 \times 3 \\
 60 &\rightarrow 2 \times 30 \\
 30 &\rightarrow 10 \times 3 \\
 300 &\rightarrow 10 \times 30 \\
 \hline
 396
 \end{aligned}$$

Tusaale 1 wuxu ina tusayaa iskudhufashada laba god oo sansanka fidsan la isticmaalayo.

Bal u firso sidan gaaban :

$$\begin{array}{r}
 33 \\
 \times 12 \\
 \hline
 66 = 33 \times 2 \\
 330 = 33 \times 10 \\
 \hline
 396 = 33 \times 12
 \end{array}$$

Tusaale 2.

Soo saar taranka

$$\begin{array}{r}
 168 \\
 \times 32 \\
 \hline
 \end{array}$$

Furfuris :

$$\begin{array}{r}
 168 = 100 + 60 + 8 \\
 \times 32 \quad 30 + 2 \\
 \hline
 \end{array}$$

$$\begin{array}{l}
 16 \rightarrow 2 \times 8 \\
 120 \rightarrow 2 \times 60 \\
 200 \rightarrow 2 \times 100 \\
 240 \rightarrow 30 \times 8 \\
 1800 \rightarrow 30 \times 60 \\
 3000 \rightarrow 30 \times 100 \\
 \hline
 5376
 \end{array}$$

Fiiri sida gaaban :

$$\begin{array}{r}
 168 \\
 \times 32 \\
 \hline
 336 \rightarrow 168 \times 2 \\
 5040 \rightarrow 168 \times 30 \\
 \hline
 5376
 \end{array}$$

Layli :

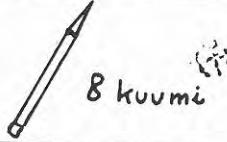
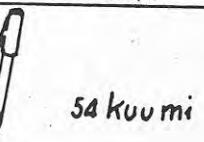
Raadi taranka.

$$1) \begin{array}{r} 43 \\ \times 24 \\ \hline \end{array} \quad \begin{array}{r} 65 \\ \times 43 \\ \hline \end{array} \quad \begin{array}{r} 67 \\ \times 56 \\ \hline \end{array} \quad \begin{array}{r} 83 \\ \times 46 \\ \hline \end{array}$$

$$2) \begin{array}{r} 37 \\ \times 54 \\ \hline \end{array} \quad \begin{array}{r} 49 \\ \times 37 \\ \hline \end{array} \quad \begin{array}{r} 72 \\ \times 57 \\ \hline \end{array} \quad \begin{array}{r} 57 \\ \times 72 \\ \hline \end{array}$$

$$3) \begin{array}{r} 126 \\ \times 20 \\ \hline \end{array} \quad \begin{array}{r} 324 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 651 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 109 \\ \times 32 \\ \hline \end{array}$$

$$4) \begin{array}{r} 976 \\ \times 14 \\ \hline \end{array} \quad \begin{array}{r} 816 \\ \times 87 \\ \hline \end{array} \quad \begin{array}{r} 671 \\ \times 77 \\ \hline \end{array} \quad \begin{array}{r} 666 \\ \times 66 \\ \hline \end{array}$$

Binsil	Biirroo	Madaad
 8 kuumi	 12 kuumi	 54 kuumi
87 binsil waa immisa kuumi?	46 biirroo waa immisa kuumi?	126 madaad waa immisa kuumi?

- 6) Geedka canbaha ihi laba jeer buu sannadiidhalaa. Haddii markiiba laga goosan karo 274 xabbo, 6 sano immisa xabbo baa laga goosan karaa?
- 7) Wershada hilibka ee Kismaayo maalintii walba waxay soo saartaa 2794 qasacadood oo hilib ah. Bishii 30 casho ahayd laba beri baa makiinadda la safeeyaa. Immisa qasacadood bay soo saartaa bishii 30ka casho ahayd?

ISUQAYBIN

$$? \times 2 = 4$$

Waa maxay tirada marka 2 lagu dhufto, 4 ku siisaa?

Eeg tusaha iskudhufashada ee 2.

$$2 \times 2 = 4$$

$$2 \times 3 = 6$$

$$2 \times 4 = 8$$

$$2 \times 5 = 10$$

Tusaha sare waxa aynu ka aragnaa in tiradaasi tahay 2.

Sidoo kale waynu soo saari karraa isirka maqan ee weedhahan soo socda :

$$2 \times ? = 6$$

$$3 \times ? = 6$$

$$4 \times ? = 8$$

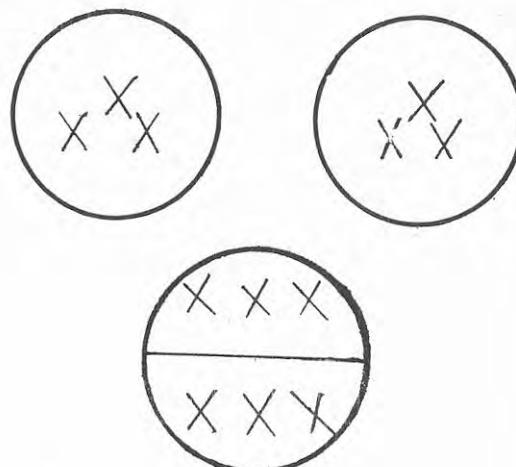
$$2 \times ? = 9$$

Weedhahan waxaa loo yaqaannaa weedhaha iskudhufashada.

Isirka maqan ee iskudhufasho marka aynu soo saarayno waxaynu samaynaa isuqaybin. Fiiri weedha $2 \times ? = 6$.

Micneheedu waa laba meelood oo min immisa ah baa ku sii-naya 6? Jawaabtu waa laba meelood oo min saddex ah. Weedhuna waa $2 \times 3 = 6$

Laba meelood
oo min saddex ah



$$6 \div 2 = 3$$

haddaba weedha $2 \times \square = 6$

waxaa loo qori karra $6 \div 2 = \square$

Summadda isuqaybintu waa « \div » Waxaa loo akhriyaa «loo qaybiyey». Weedhihi oo iskudhufashada oo aynu kor ku sheegnay waxaa loo qori karaa sidan :

$$6 \div 2 = ?$$

$$6 \div 3 = ?$$

$$8 \div 4 = ?$$

$$8 \div 2 = ?$$

$$9 \div 3 = ?$$

Ogow : isuqaybin waa dariiqada lagu soo saaro isir maqan marka la garanaayo taranka iyo isirka kale. Weedhahan waxa loo yaqaan weedhaha isuqaybinta. Haddii weedha iskudhufashada $\square \times 2 = 4$ ay weedheeda isuqaybinta t a h a y , $4 \div 2 = ?$ maxay noqonayaan weedhaha isuqaybinta ee :

$$\begin{aligned} ? \times 2 &= 6 \\ ? \times 3 &= 9 \\ ? \times 2 &= 8 \\ ? \times 3 &= 6 \\ ? \times 4 &= 8 \end{aligned}$$

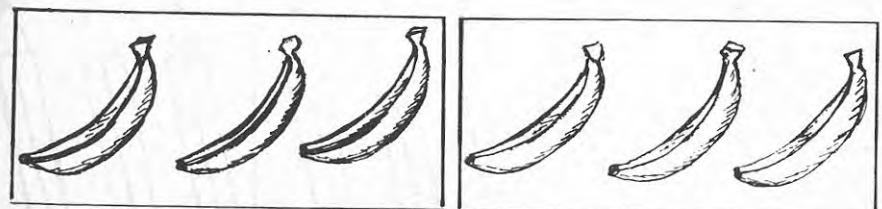
Layli :

Raadi isirka maqan ee weedh walba.

Tusaale : $\square \times 6 = 6 \rightarrow 6 \div 6 = \square = 1$

- | | |
|----|------------------|
| 1) | $? \times 3 = 3$ |
| 2) | $? \times 2 = 8$ |
| 3) | $? \times 3 = 9$ |
| 4) | $4 \times ? = 8$ |
| 5) | $? \times 7 = 7$ |
| 6) | $? \times 5 = 5$ |
| 7) | $9 \times ? = 9$ |

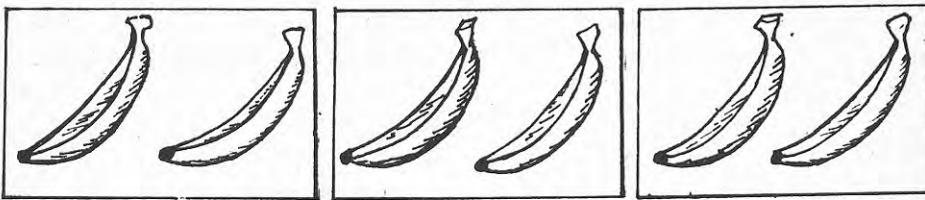
- 8) Cali iyo Cabdow 6 xabbo oo muus ah u wadaaga si isle'eg. Waxaad tiihin 2, waxaad wadaagtaan 6 xabbo. Min immisa baad u hesheen ?



$$6 \div 2 = 3$$

jawaabtu waa saddex muus ah.

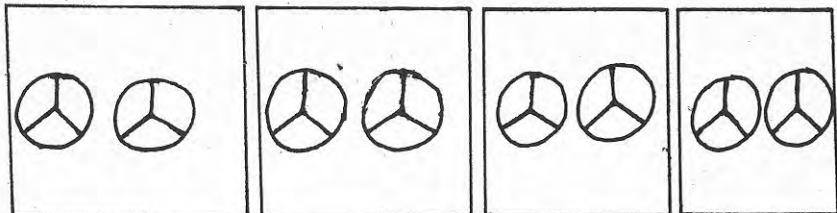
Iminka waxaad haysataa 6 xabbo oo muus ah. Immisa arday baa marka si isle'eg loo wadaajiyo nin labo xabbo oo muus ah helaya?



$$6 \div 2 = 3$$

Jawaabtu waa 3 arday

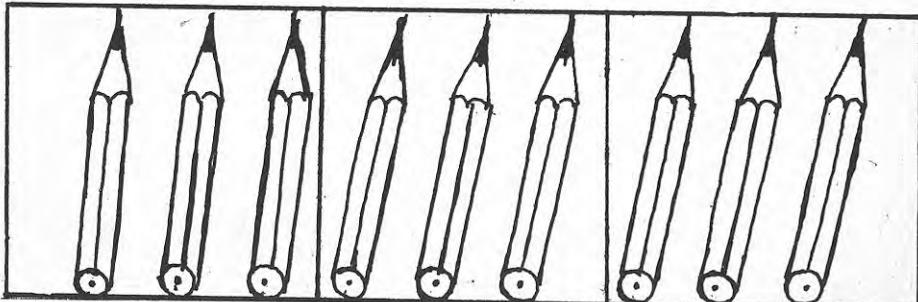
Siddeed kubbadooood wadaaji 4 arday. Min immisa ayay u helayaan



$$8 \div 4 = 2$$

Jawaabtu waa 2 kubbadooood

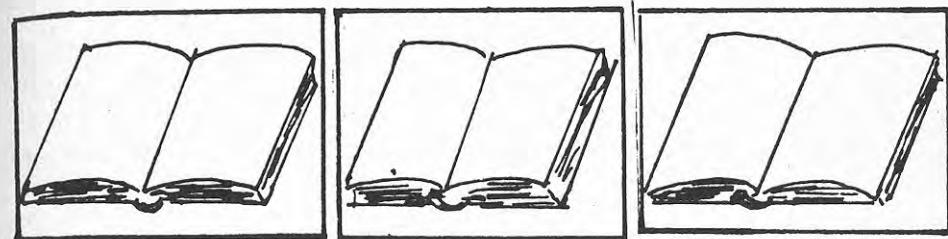
Sagaal qalin wadaaji saddex arday. Min immisa ayay u helayaan?



$$9 \div 3 = 3$$

Jawaabtu waa 3

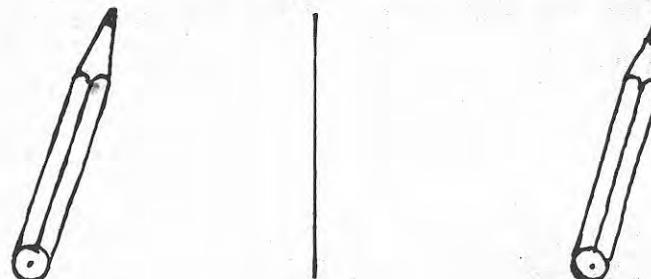
Saddex buug saddex arday wadaaji. Min immisay u helayaan?



$$3 \div 3 = 1$$

Jawaabtu waa hal.

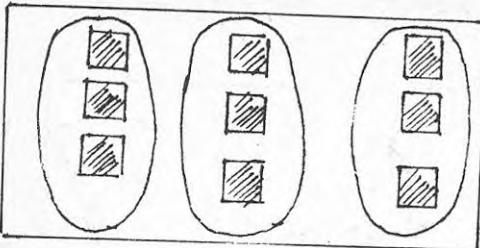
Laba qalin laba arday wadaaji.



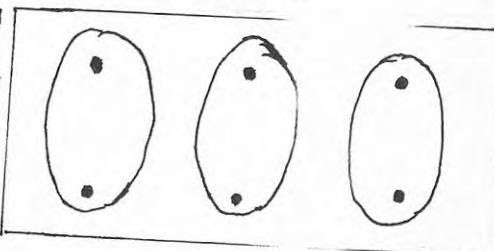
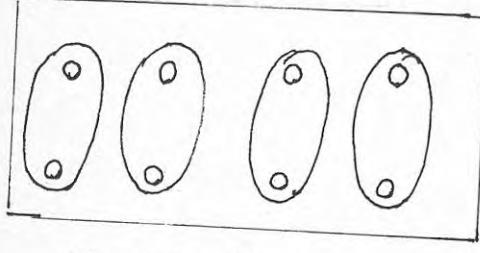
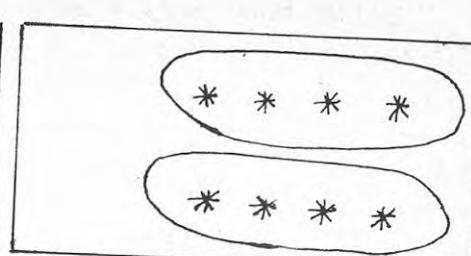
tiro u qaybi tiro le'eg, jawaabtu waa hal.

Layli :

- A) Qor weedha isuqaybinta ee su'aal kasta.
- 1) Labadan su'aaloood waxaad oran kartaa, immisaa min saddex ah ayaa kooxdiiiba ku jira.



Immisa min laba ah yaa kooxdiiba ku jirta.



B) U beddel weedh isuqaybin ah, jawaabtana raad

T u s a a l e :

$$4 = 2 \times ?$$

$$4 \div 2 = ?$$

Jawaabtu waa 2.

- 1) $8 = ? \times 2$
- 2) $6 = ? \times 3$
- 3) $7 = 7 \times ?$
- 4) $9 = ? \times 3$
- 5) $5 = 5 \times ?$

Weedhaha isuqaybinta oo dhan oo ay ka mid yijinni :

$$6 \div 2 = ?$$

$$8 \div 4 = ?$$

$$9 \div 3 = ?$$

waxaa loo qori karaa, $2|6$, $4|8$, $3|9$. Summadda isuqaybinta ee « ÷ » waxay la mid tahay summadda Labada hadba taad rabtid baad isticmaali kartaa. Tirada loo siiyay waxaad ku dhigi summadda dusheeda sida :

$$\begin{array}{r} 2 \\ 3 | 6 \end{array}$$

Tiradaasi waxaad ku dhufan tirada loo qaybiyay. Tarkana waxaad hoos dhigi tirada la qaybshey, ka goo daba-deed.

L a y l i :

$$1) \quad 2|8$$

$$2) \quad 2|6$$

$$3) \quad 3|9$$

$$4) \quad 2|2$$

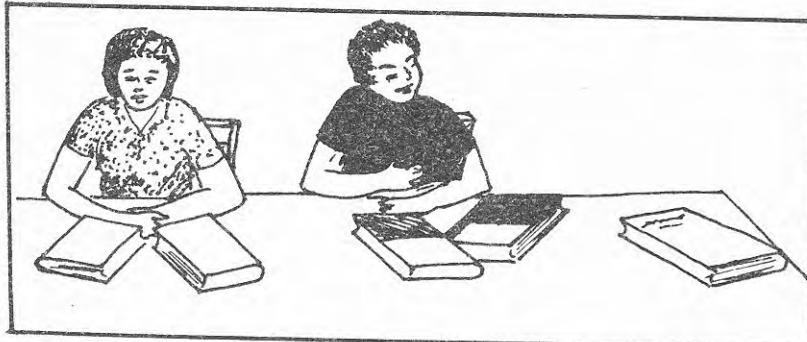
Tirada lagu dhufto 2 ee ku siinaysa 3 waa maxay? Tu-saha isku dhufashada ee labo ma ku jirtaa tiradaasi?

Haddaba arday walba mid u sii. Waxa soo haray mid. Midkaas waxaa loo yaqaan haraa. Weedha iskudhufashada waxaa loo qori karaa:

$$3 = (2 \times 1) + 1, \text{ tan qaybintana}$$

$$\begin{array}{r} 1 \\ 2 | 3 \\ \hline 2 \\ \hline 1 \end{array}$$

Jawaabtuna waa min 1 iyo 1 soo haray. Sidoo kale shan buug laba arday u qaybi.



$$5 \div 2 = ?$$

U beddel weedh iskudhufashada ah.

$$5 = 2 \times ?$$

$$5 = (2 \times 2) + 1$$

$$\begin{array}{r} 2 \\ 2 | 5 \\ \hline 4 \\ \hline 1 \end{array}$$

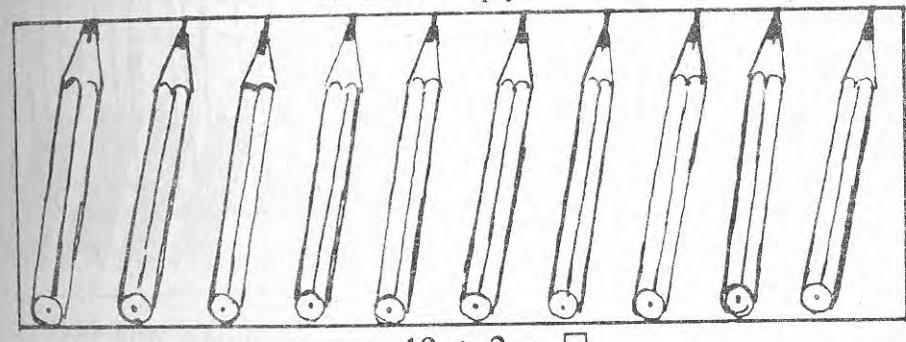
Layli :

Soo saar qaybta iyo haraaga weedhaha soo socda.

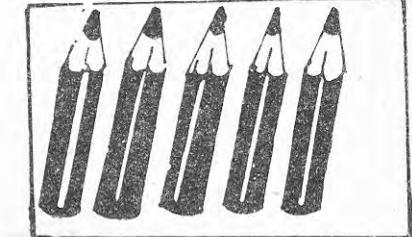
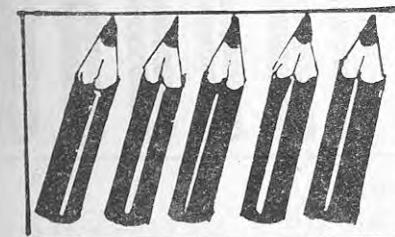
- 1) $5 \div 3$
- 2) $7 \div 3$
- 3) $9 \div 2$
- 4) $9 \div 4$
- 5) $8 \div 5$
- 6) $9 \div 6$

Tiro laba god ah oo loo qaybinayo god keliya :

10 Qalin u qaybi laba arday.



Furfur tobanka qalin. Laba meelood oo isle'eg u kala saar. Meeshiiba waa immisa?



$$10 \div 2 = 5$$

Waxaa kale ood heli kartaa, weedheeda iskudhufashada sida :

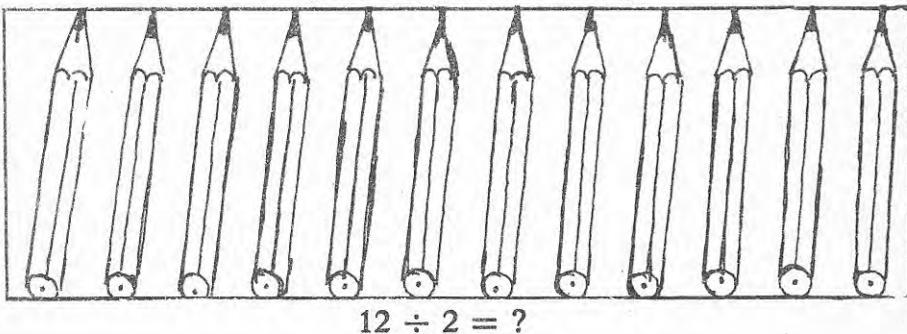
$$10 \div 2 = ?$$

$$10 = 2 \times ?$$

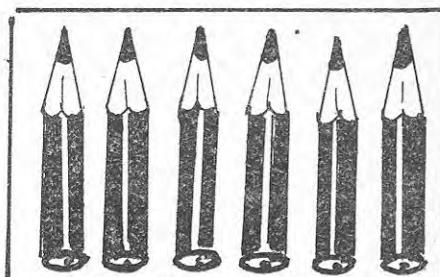
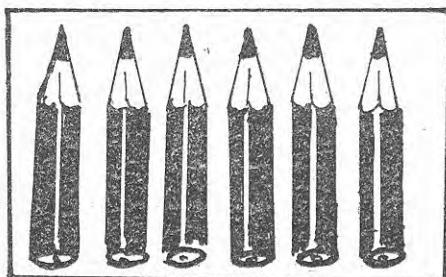
ama

$$\begin{array}{r} 5 \\ 2 \overline{) 10} \\ 10 \\ \hline 0 \end{array}$$

12 qalin u qaybi labo arday



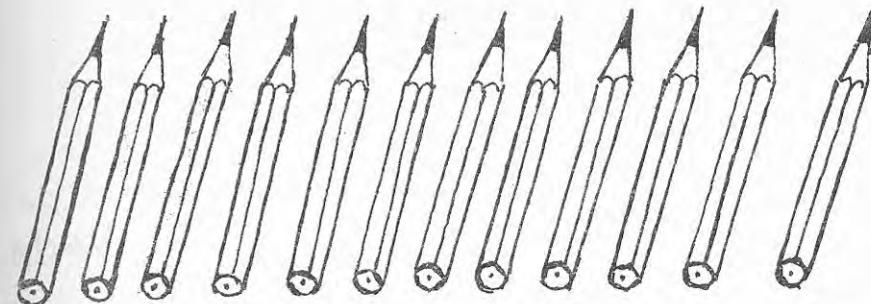
Laba meelood oo isle'eg ka dhig. Meeshiiba waa im-misa ?



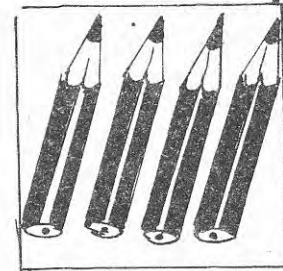
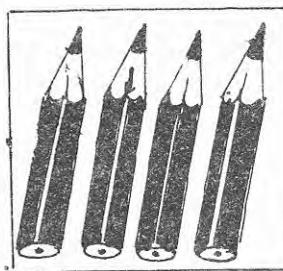
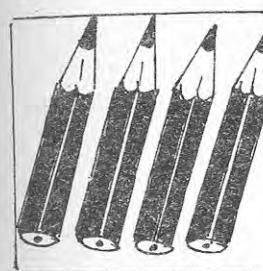
$$12 \div 2 = 6 \text{ ama } 2 \overline{) 12} \\ 12 \\ \hline 0$$

$$12 \text{ qalin saddex arday u qaybi.}$$

$$12 \div 3 = \square$$



Laba iyo tobankii qalin u qaybi saddex arday. Arday-giiba immisuu helaya ?



$$12 \div 3 = 4$$

ama

$$\begin{array}{r} 4 \\ 3 \overline{) 12} \\ 12 \\ \hline 0 \end{array}$$

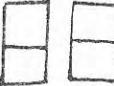
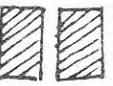
Layli :

- 1) $10 \div 5 = ?$
- 2) $14 \div 2 = ?$
- 3) $16 \div 4 = ?$
- 4) $14 \div 7 = ?$
- 5) $15 \div 3 = ?$
- 6) $18 \div 9 = ?$
- 7) $16 \div 4 = ?$
- 8) $18 \div 6 = ?$
- 9) $18 \div 2 = ?$
- 10) $15 \div 5 = ?$

Bal tusaalooyinkan ku saabsan labada god aan u fiirsano waxa ay kaga duwan yihii kuwii hore.

Tusaale 1

22 xabbadood oo nacnac ah u qaybi 2 arday. Weedha isuqaybintu waa $22 \div 2 = ?$

Tobnaad	Koowaad
	
$\begin{array}{r} 1 \\ 2 \overline{) 2} \\ 2 \\ \hline 0 \end{array}$	$\begin{array}{r} 1 \\ 2 \overline{) 2} \\ 2 \\ \hline 0 \end{array}$

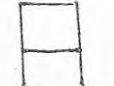
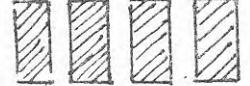
Qaybtu waa 1 tobnaad iyo 1 koowaad

$$\text{Haddaba } 22 \div 2 = 11$$

$$\begin{array}{r} 11 \\ \text{ama } 2 \overline{) 22} \\ 2 \\ \hline 02 \\ 2 \\ \hline 0 \end{array}$$

Tusaale 2

$$24 \div 2 = ?$$

Tobnaad	Koowaad
	
$\begin{array}{r} 1 \\ 2 \overline{) 2} \\ 2 \\ \hline 0 \end{array}$	$\begin{array}{r} 2 \\ 2 \overline{) 4} \\ 4 \\ \hline 0 \end{array}$

Jawaabtu waa 1 tobnaad iyo 2 koowaad.

$$24 \div 2 = 12$$

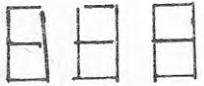
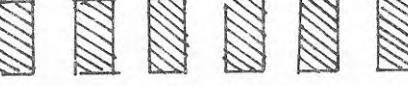
ama

$$\begin{array}{r} 12 \\ 2 \overline{) 24} \\ 2 \\ \hline 04 \\ 4 \\ \hline 0 \end{array} \quad 2 \times 1 = 2 \quad 2 - 2 = 0$$

$$\quad \quad \quad 2 \times 2 = 4 \quad 4 - 4 = 0$$

Tusaale 3

$$36 \div 3 = ?$$

Tobnaad	Koowaad
	
$\begin{array}{r} 1 \\ 3 \overline{) 3} \\ 3 \\ \hline 0 \end{array}$	$\begin{array}{r} 2 \\ 3 \overline{) 6} \\ 6 \\ \hline 0 \end{array}$

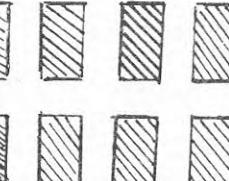
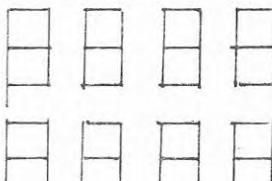
Tobnaad iyo 3 koowaad, haddaba $36 \div 3 = 12$

ama

$$\begin{array}{r} 12 \\ \hline 3 | \overline{36} \\ \hline 3 \\ \hline \end{array}$$

Tusaale 4

$$88 \div 4 = ?$$

Tcbnaad	Koowaad
	
$4 \overline{) 8} \\ 8 \\ \hline 0$	$4 \overline{) 8} \\ 8 \\ \hline 0$

2 Tobnaad iyo 2 Koowaad, haddaba $88 \div 4 = 22$ ama

$$\begin{array}{r}
 22 \\
 4 \overline{)88} \\
 8 \\
 \hline
 08 \\
 8 \\
 \hline
 0
 \end{array}$$

Layli:

- | | |
|--------------------|--------------------|
| 1. $26 \div 2 = ?$ | 2. $66 \div 3 = ?$ |
| 3. $96 \div 3 = ?$ | 4. $48 \div 4 = ?$ |
| 5. $46 \div 2 = ?$ | 6. $77 \div 7 = ?$ |
| 7. $55 \div 5 = ?$ | 8. $21 \div 1 = ?$ |

Isuqaybinta $45 \div 3 = ?$, maxay kaga duwan tahay isuqaybintii hore? Bal aan eegno.

TOBNAAD	KOWAAD	TOBNAO	KOWAAD
8888	8888	=	8888888888888888
$45 \div 3$			$\begin{array}{r} 10+5 \\ 3 \overline{) 30+15 } \end{array}$
		=	$\begin{array}{r} 1 \\ 3 \overline{) 3 } \\ 3 \\ 0 \end{array} \qquad \begin{array}{r} 5 \\ 3 \overline{) 15 } \\ 15 \\ 0 \end{array}$

Jawaabtu waa 1 tobnaad iyo 5 koowaad ama

$$45 \div 3 = 15$$

$$\begin{array}{r} 15 \\ 3 \mid 45 \\ \hline 3 \\ \hline 15 \\ 15 \\ \hline 00 \end{array}$$

Layli :

- 1) $48 \div 3 = ?$
 2) $52 \div 4 = ?$
 3) $72 \div 6 = ?$
 4) $84 \div 7 = ?$
 5) $64 \div 4 = ?$
 6) $94 \div 6 = ?$

$$16 \div 5 = ?$$

Weedha isuqaybinta ee $16 \div 5 = ?$ Waa
 $16 = ? \times 5$.

Waa maxay tirada marka lagu dhufsto shan ku siinaya 16? Tusaha iskuduhufashada kuma jirto. Hase yeeshii waa xaa ku jirta $3 \times 5 = 15$.

16 iyo 15 faraqoodu waa hal.

Mar haddii aynu og nahay in $15 \div 5 = 3$, $16 \div 5 = 3$ iyo 1 haraa ah.

Sababtoo ah $16 = (3 \times 5) + 1$. Sida kale oo $16 \div 5 = ?$ loo qori karaa waa :

$$\begin{array}{r} 3 \\ 5 \overline{) 16} \\ 15 \\ \hline 1 \text{ haraa} \end{array}$$

$$\begin{array}{r} 28 \\ \hline 3 \overline{) 85} \\ 6 \\ \hline 25 \\ 24 \\ \hline 1 \text{ haraa} \end{array}$$

Layli :

- 1) $25 \div 4 = ?$
 2) $17 \div 5 = ?$
 3) $48 \div 7 = ?$
 4) $86 \div 8 = ?$
 5) $79 \div 9 = ?$
 6) $57 \div 6 = ?$

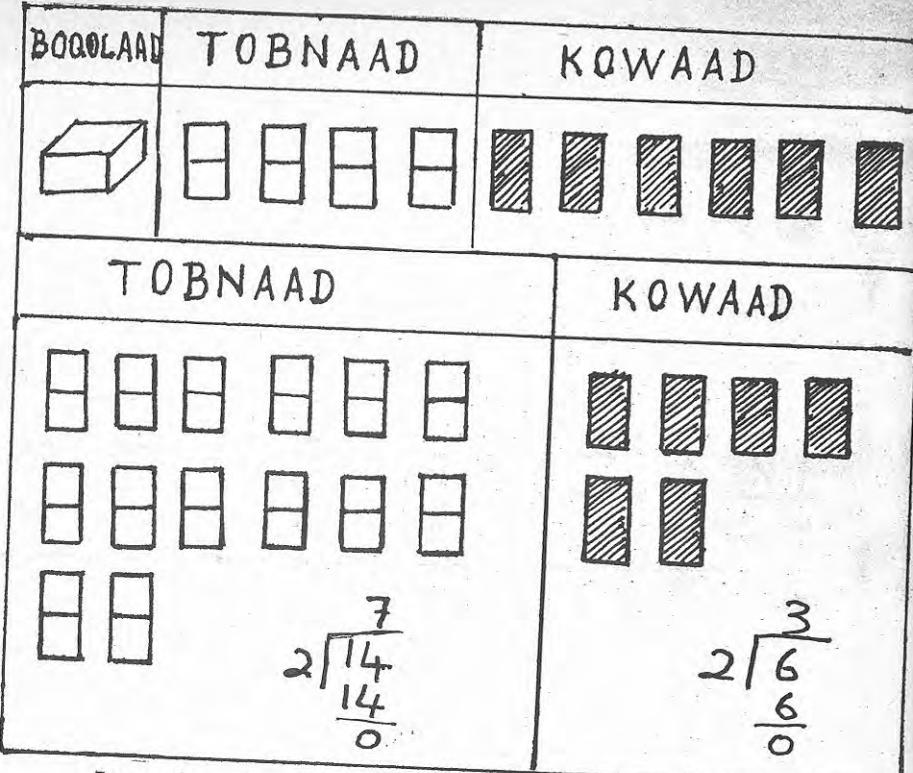
$$222 \div 2 = ?$$

Boqlaad	Tobnaad	Koowaad
$\begin{array}{r} 1 \\ 2 \overline{) 2} \\ 2 \\ \hline 0 \end{array}$	$\begin{array}{r} 1 \\ 2 \overline{) 2} \\ 2 \\ \hline 0 \end{array}$	$\begin{array}{r} 1 \\ 2 \overline{) 2} \\ 2 \\ \hline 0 \end{array}$

Qaybtu waa 1 Boqol, 1 Tobnaad iyo 1 Koowaad ama $222 \div 2 = 111$

$$\begin{array}{r} 111 \\ 2 \overline{) 222} \\ 2 \\ \hline 02 \\ 2 \\ \hline 0 \end{array}$$

$$\text{Sidaas oo kale } 146 \div 2 = ?$$



Jawaabtu waa 7 tobnaad iyo 3 koowaad, ama 73.

73

$$2 \overline{) 146} \quad \begin{matrix} 14 \\ \hline 006 \\ 6 \\ \hline 0 \end{matrix}$$

Layli :

- | | |
|----------------------|----------------------|
| 1) $444 \div 4 = ?$ | 2) $246 \div 2 = ?$ |
| 3) $484 \div 4 = ?$ | 4) $693 \div 3 = ?$ |
| 5) $128 \div 4 = ?$ | 6) $189 \div 9 = ?$ |
| 7) $136 \div 4 = ?$ | 8) $155 \div 5 = ?$ |
| 9) $325 \div 5 = ?$ | 10) $889 \div 7 = ?$ |
| 11) $472 \div 6 = ?$ | 12) $235 \div 8 = ?$ |

202 buug u qaybi 2 arday. Mid waliba immisuu helayaa ?

$$202 \div 2$$

Boqlaad	Tobnaad	Koowaad
$\begin{array}{r} 1 \\ 2 \overline{) 2} \\ 2 \\ \hline 0 \end{array}$	$\begin{array}{r} 1 \\ 2 \overline{) 2} \\ 2 \\ \hline 0 \end{array}$	

Mid waliba wuxuu helayaa 1 boqlaad iyo 1 koowaad ama $100 + 1 = 101$ buug.

101

Haddaynu dariiqadii kale qaadanno

$2 \overline{) 202}$

$\begin{array}{r} 002 \\ 2 \\ \hline 0 \end{array}$

Adiga oo aan buug hayn laba arday immisaad midba siin kartaa ?

Buug	Arday	Qaybta midba u helay
0	$\div 2$	= 0

Waa maxay tirada marka 2 lagu dhufto ku siinaysa 0 ? $? \times 2 = 0$. Ka raadi tusaha iskudhufashada ee 2.

Weedha $? \div 2$ qayteedu waa 0.
ama

Sidaas oo kale,	$0 \div 2 = 0$
	$0 \div 3 = 0$
	$0 \div 4 = ?$

Haddaba,

101

$$\begin{array}{r} 2 \\ \overline{)202} \\ 2 \\ \hline 0 \end{array}$$

002

2

0

Tusaale :

$$903 \div 3 = ?$$

$$\begin{array}{r} 301 \\ 3 \overline{)903} \\ 9 \\ \hline 003 \\ 3 \\ \hline 0 \end{array}$$

Jawaabtu waa 301

Layli :

- 1) $404 \div 4 = ?$
 3) $208 \div 2 = ?$
 5) $607 \div 6 = ?$

- 2) $506 \div 2 = ?$
 4) $706 \div 5 = ?$
 7) $908 \div 7 = ?$

Layli Guud :

- 1) $8 \div 4 = ?$
 3) $48 \div 6 = ?$
 5) $78 \div 6 = ?$
 7) $132 \div 4 = ?$
 9) $369 \div 9 = ?$
 11) $408 \div 4 = ?$
- 2) $9 \div 5 = ?$
 4) $59 \div 9 = ?$
 6) $73 \div 4 = ?$
 8) $187 \div 8 = ?$
 10) $587 \div 7 = ?$
 12) $708 \div 9 = ?$

Xusuuso magacyada lagu isticmaalo weedh kastaba :

Weedha iskudhufashada;

lagu	dhufto	dhufte	taran
3	×	5	15 isirro

Weedha isuqaybinta :

la	qaybshe	qaybshe	qayb
15	÷	5	= 3

Waxaan soo aragnay in weedha $3 \times 5 = 15$ ay la mid tahay weedha $5 \times 3 = 15$.

Isuqaybintase, $15 \div 5$ iyo $15 \div 3$ isku mid ma aha. Sidaa awgeed weedha iskudhufashadu $3 \times 5 = 15$ ama $5 \times 3 = 15$ waxaa ku aaddan iaba weedhood aan isku mid ahayn.

Fiiri $3 \times 5 = 15$ waxa ku aaddan.
 $15 \div 3 = 5$ iyo $15 \div 5 = 3$

Tusaale :

$\begin{array}{r} 3 \text{ qayb} \\ \text{qaybshe } 5 \overline{)16} \text{ la qaybshe.} \end{array}$

$\begin{array}{r} 3 \text{ qayb} \\ \text{qaybshe } 5 \overline{)16} \text{ la qaybshe.} \\ 15 \\ \hline 1 \text{ haraa} \end{array}$

Ka shaqee su'aalahan, sheegna, la qaybshaha, qaybsha-ha, qaybta, iyo haraaga.

- 1) $26 \div 3 = ?$
 2) $11 \div 3 = ?$
 3) $209 \div 7 = ?$
 4) $511 \div 9 = ?$

H u b s i i m o :

Weedha hoose baa lagu ogaan karaa in jawaabtaadu sax tahay iyo in kale.

La qaybshe = qayb × qaybshe + Haraa

T u s a a l e :

Isu qaybi oo hubso : $224 \div 3$

F u r f u r i s :

$$\begin{array}{r}
 & 74 & \text{qayb} \\
 \text{qaybshe} & 3 | 224 & \text{la qaybshe} \\
 & 21 & \\
 \hline
 & 14 & \\
 & 12 & \\
 \hline
 & 2 & \text{haraa}
 \end{array}$$

H u b s i i m o :

La qaybshe = qayb × qaybshe + haraa

$$\begin{array}{rcl}
 224 & = & 74 \times 3 + 2 \\
 & = & 222 + 2 = 224 \text{ sax}
 \end{array}$$

L a y l i :

Isu qaybi oo hubso :

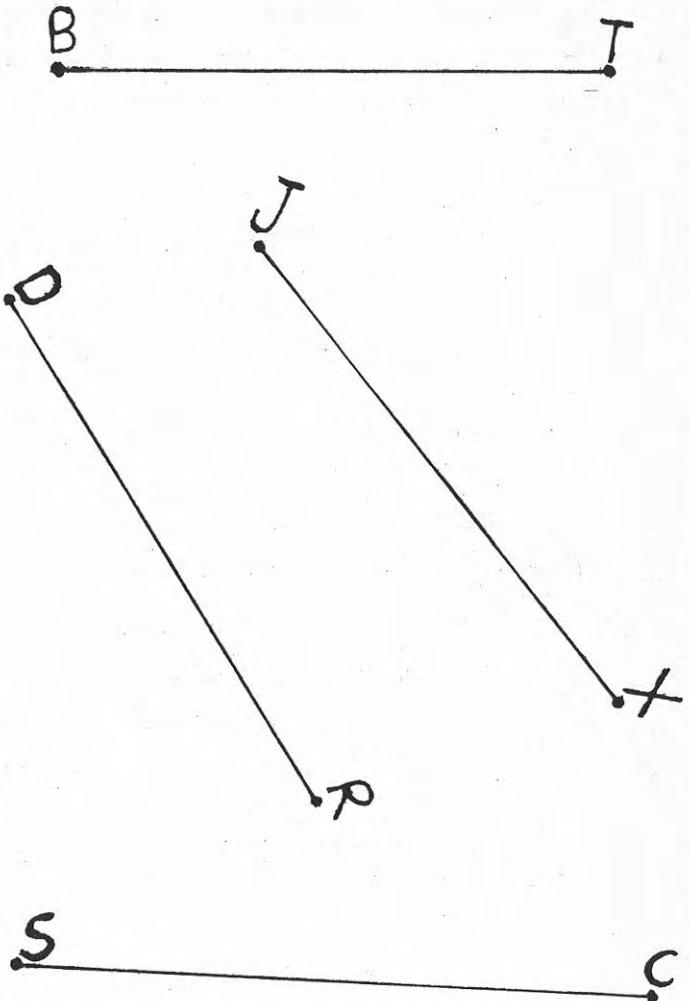
- | | | |
|------------------|-----------------|-----------------|
| 1) $21 \div 2$ | 2) $63 \div 2$ | 3) $72 \div 5$ |
| 4) $112 \div 3$ | 5) $214 \div 5$ | 6) $226 \div 3$ |
| 7) $674 \div 4$ | 8) $716 \div 3$ | 9) $205 \div 5$ |
| 10) $801 \div 3$ | | |

- 11) Soddon iyo afar qalin laba arday u qaybi. Midba immisuu helayaa ?
- 12) Caasha waxay soo gadday boqol iyo tobant xabbo oo ukun ah. Shan reer bay rabtaa in ay u qaybiso. Reer walba qaybtii su waa immisaa ?
- 13) Qalin qorigu waa laba kuumi. Axmed wuxuu haystaa shan shilin iyo afar kuumi. Immisaa qalin qori buu ku iibsan karaa ?
- 14) Qalimadii Axmed iibsaday hadduu saddex walaalihii ah la qaybsado, immisaa midba helayaa ?
- 15) Saado waxay haysaa 5 dambiloood oo mid kasta ay 87 xabbo oo liin ahi ku jirto. Waxay u qaybisay 3 dukaan.

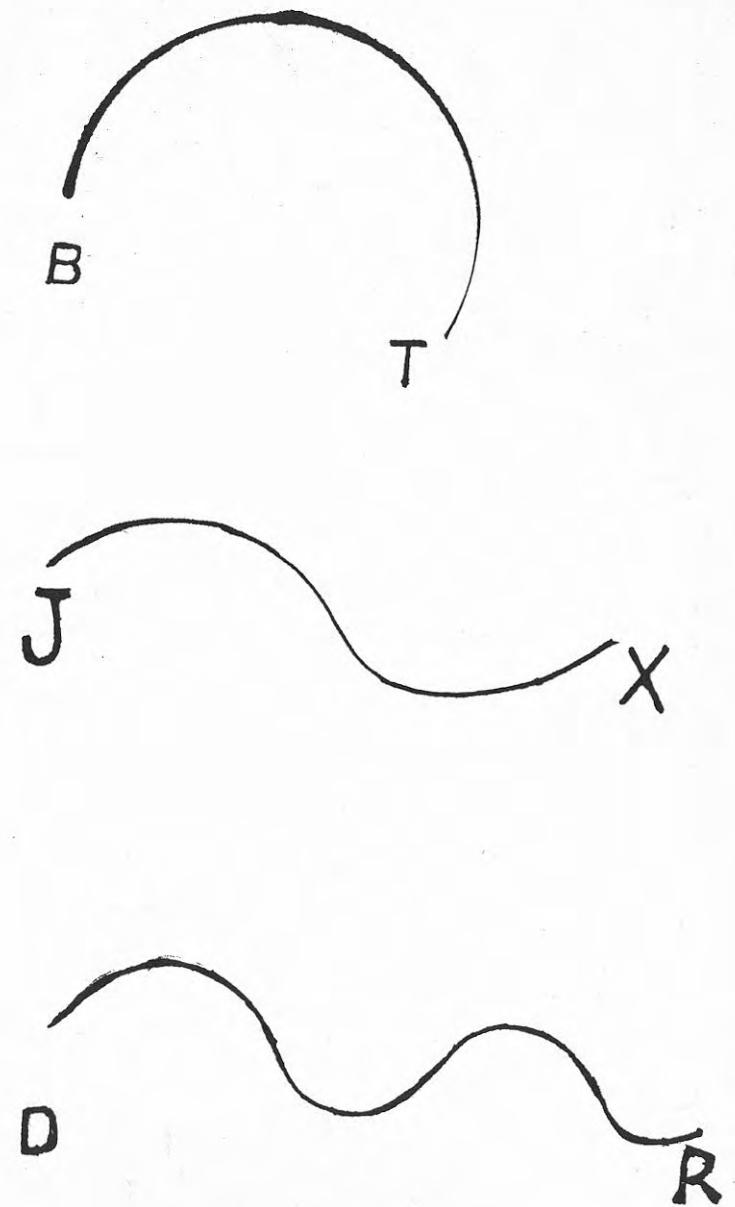
Dukaan waliba immisuu helayaa ?

Xarriiqaha iyo Qaababka

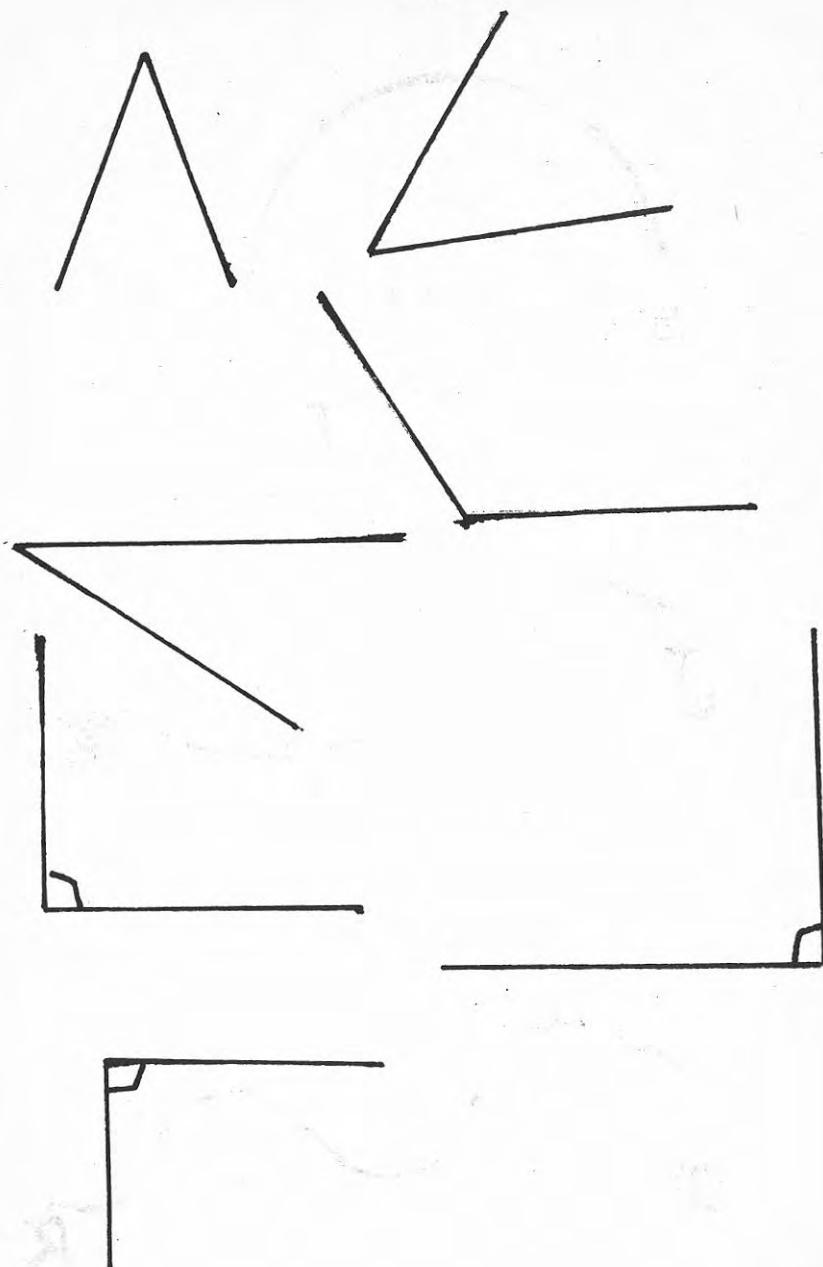
Xarriiq Toosan



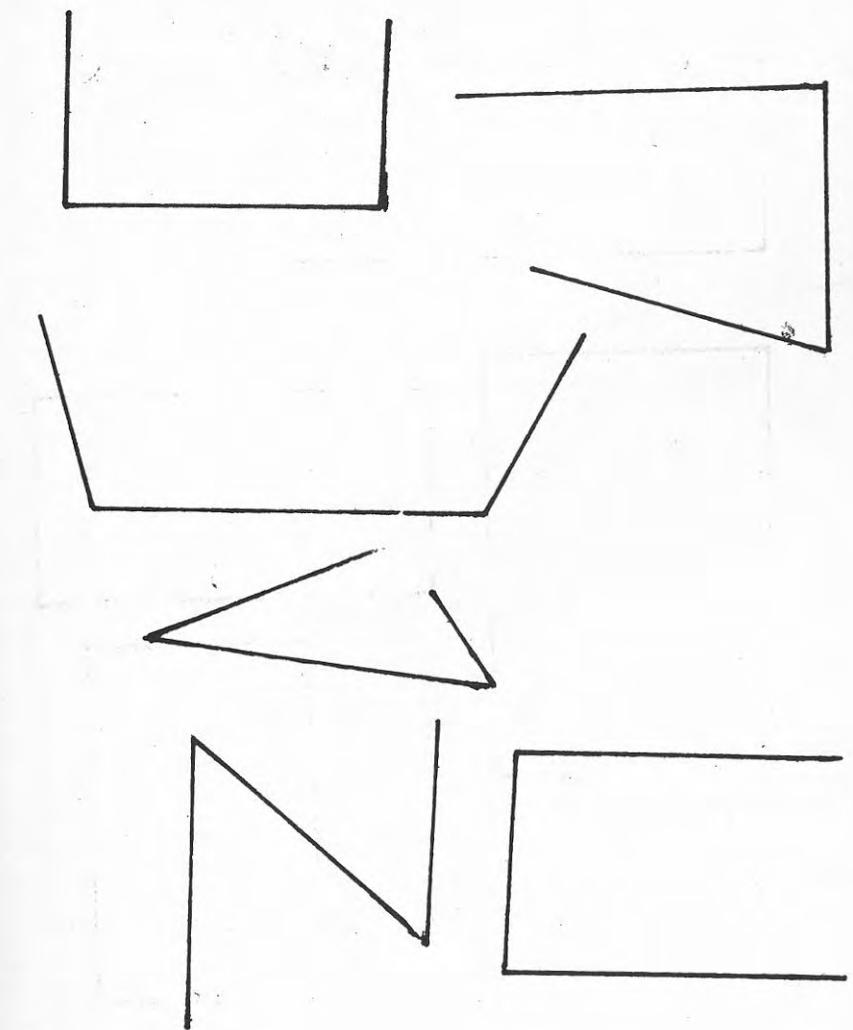
Xarriiq Xoodan



Xaglo

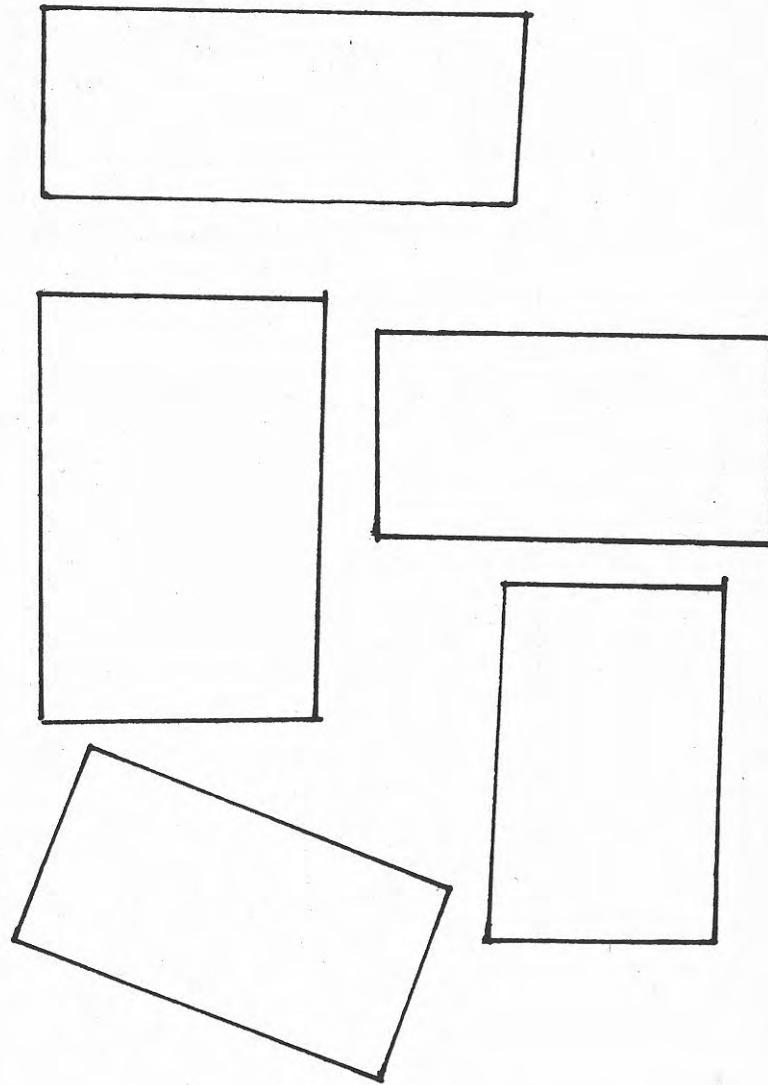


Laba Xaglood

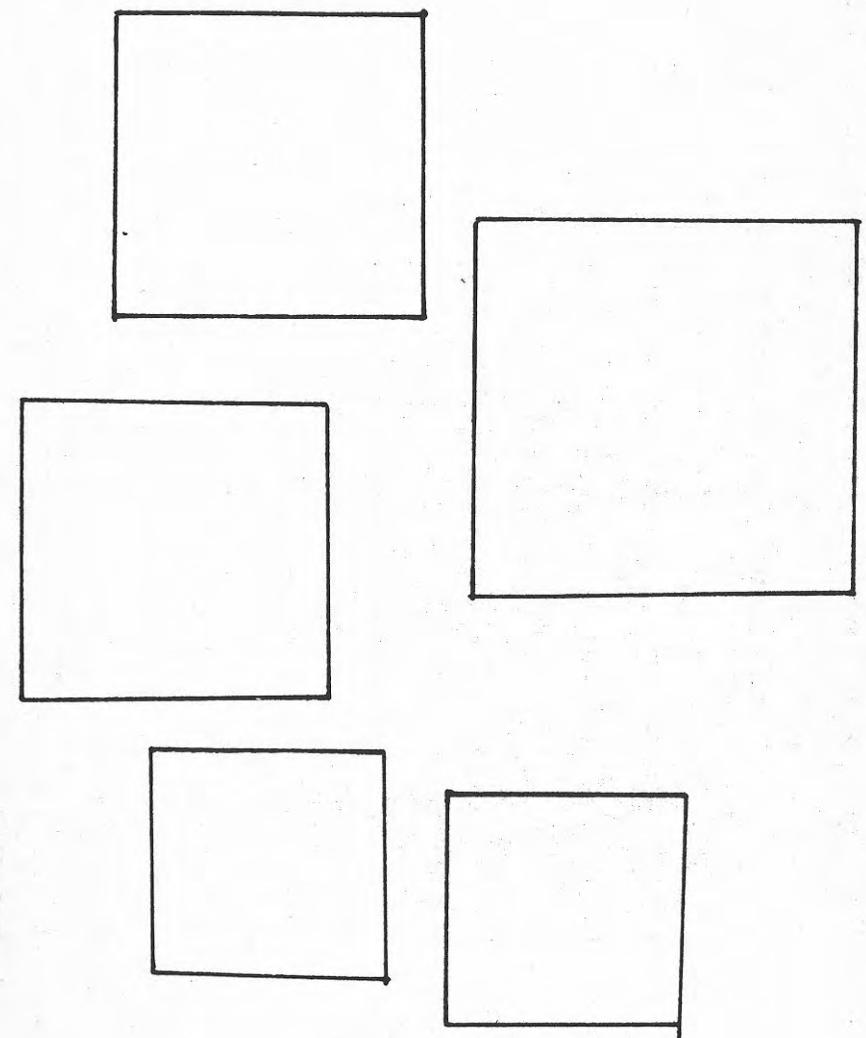


Saddexda u dambeeya waxaa la yiraa xaglo qumman.

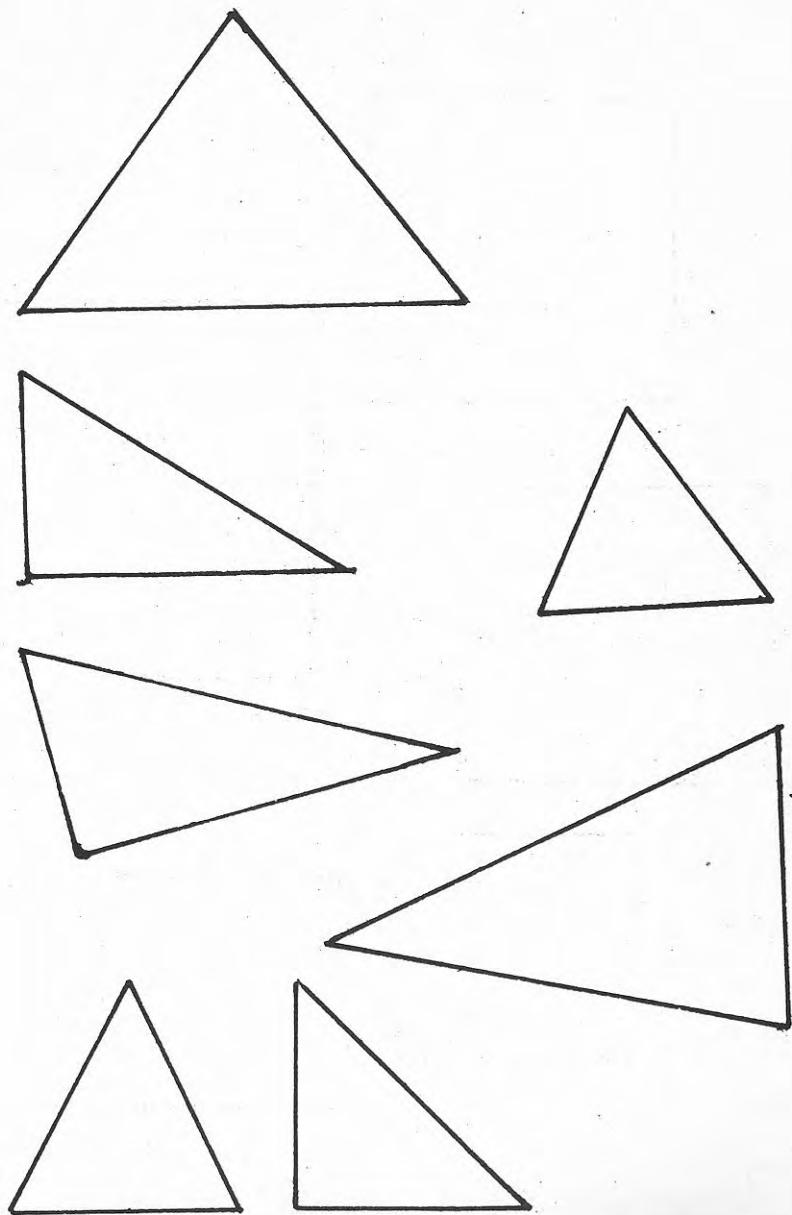
Laydiyo



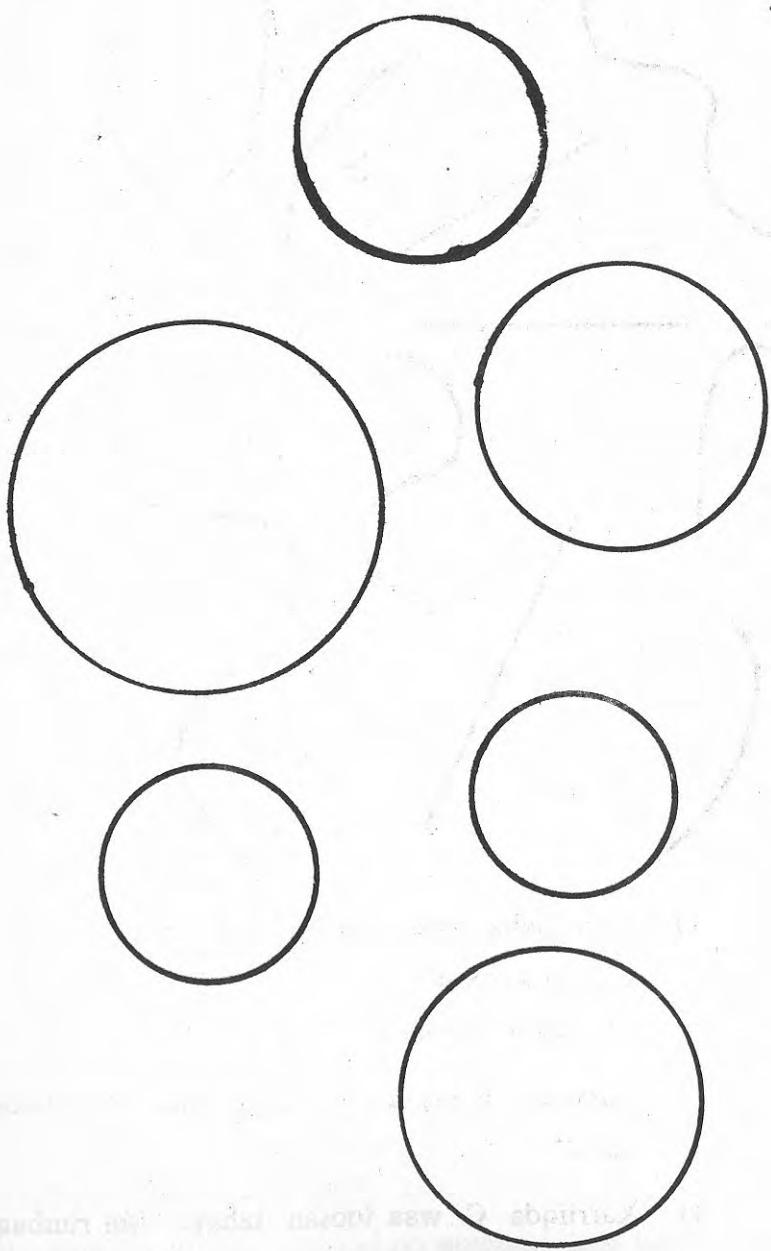
Labajibbaaranayaal :



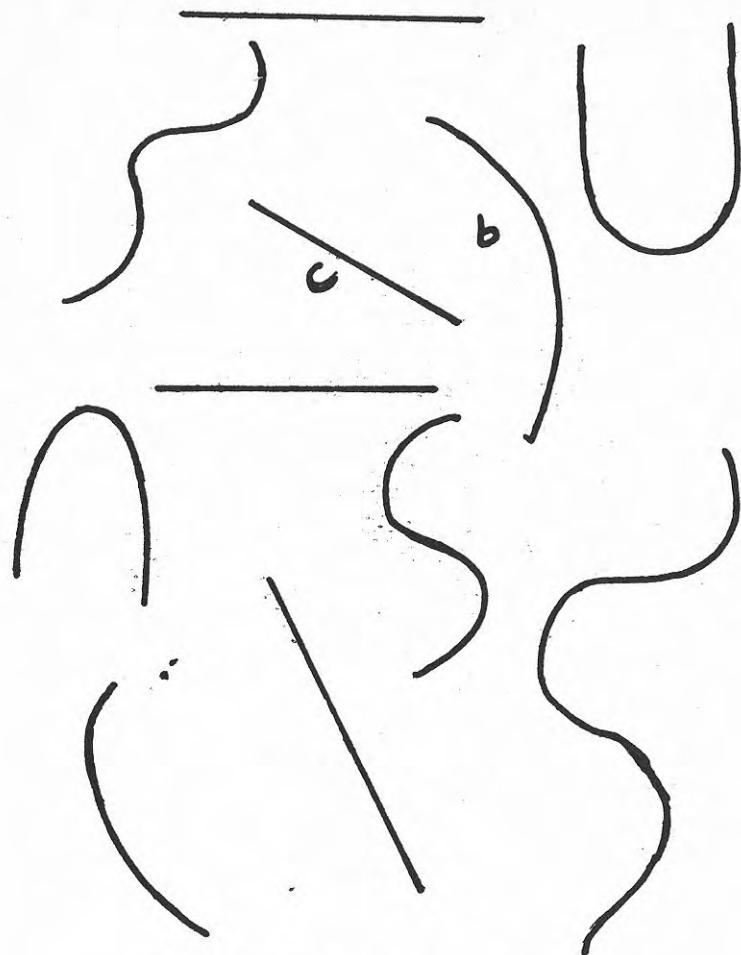
Saddexagallo :



Goobooyin

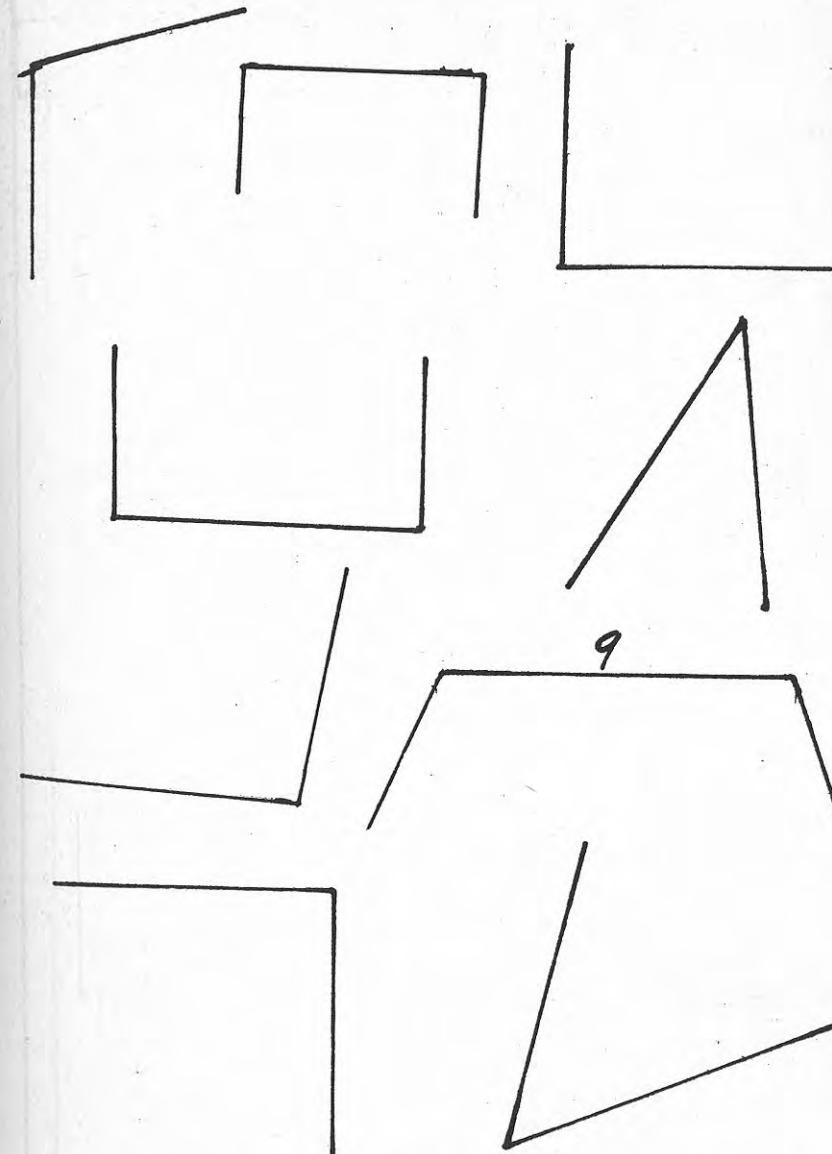


Layli :

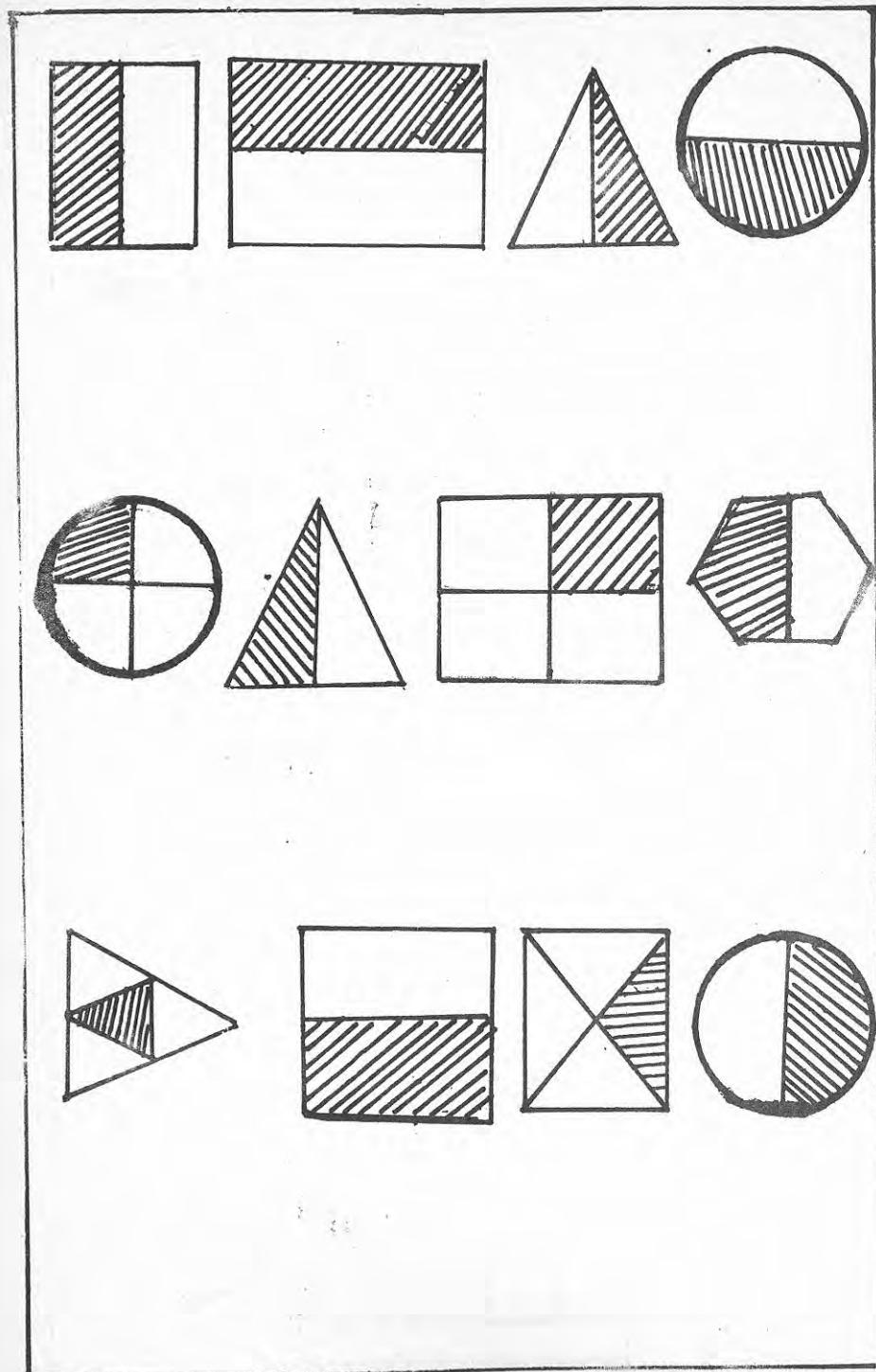
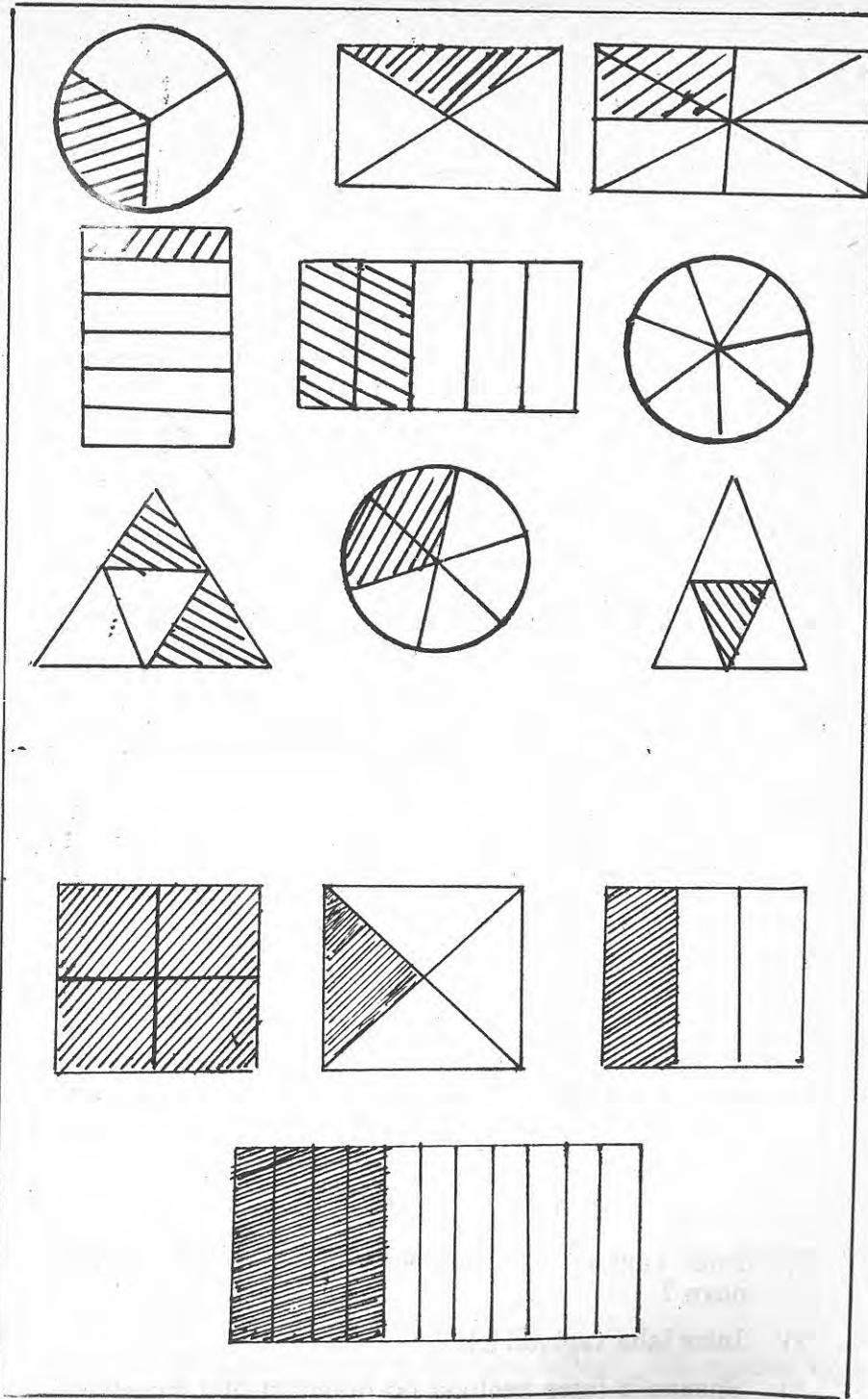


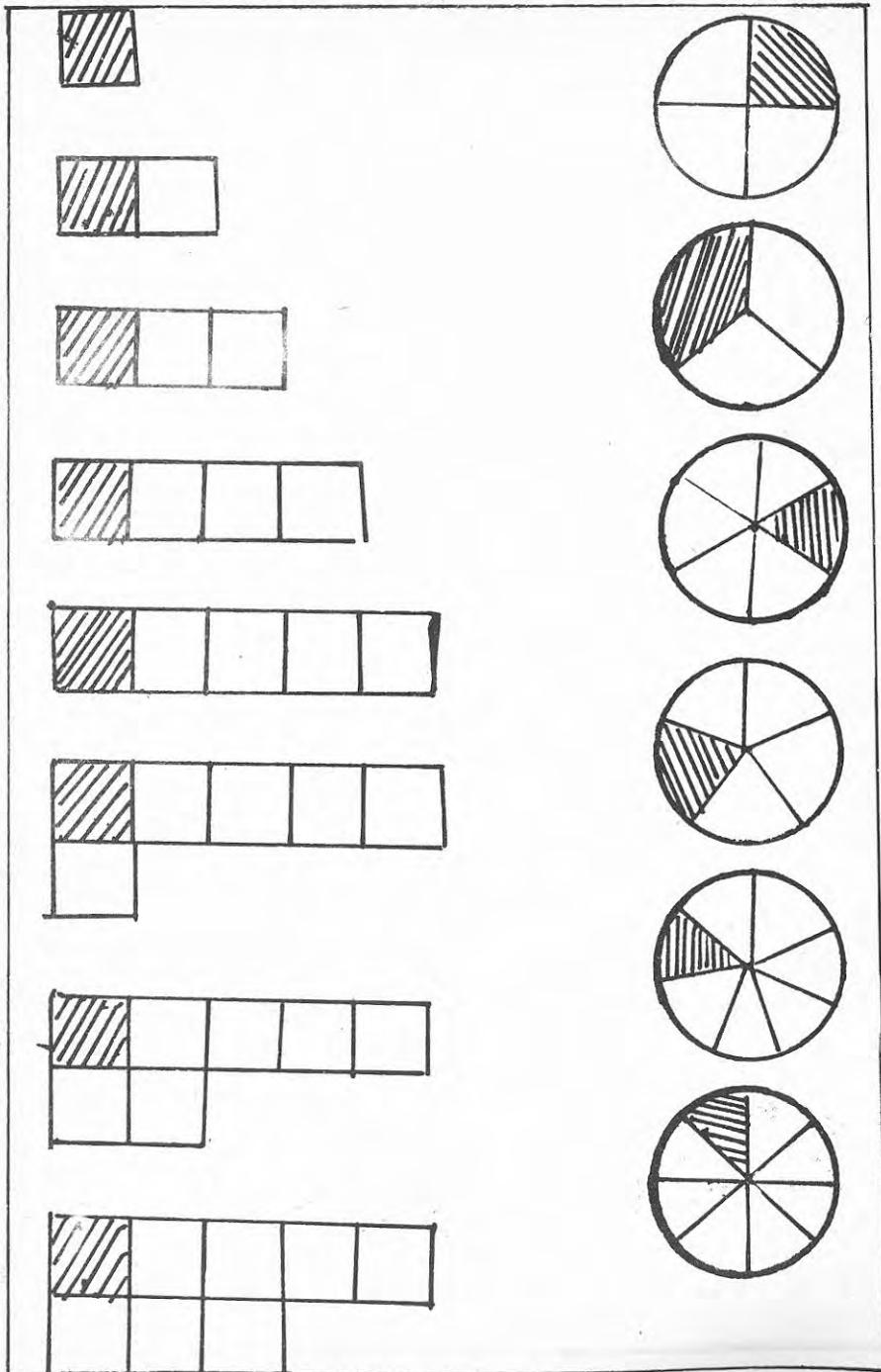
- 1) Xarriiqaha kor ku sawiran, immisa:
 - b) ayaa toosan ?
 - t) ayaa xoodan ?
- 2) Xarriiqda B ma toosan tahay mise waa xoodan tahay ?
- 3) Xarriiqda C waa toosan tahay. Ma runbaa mise waa been ?

Layli :

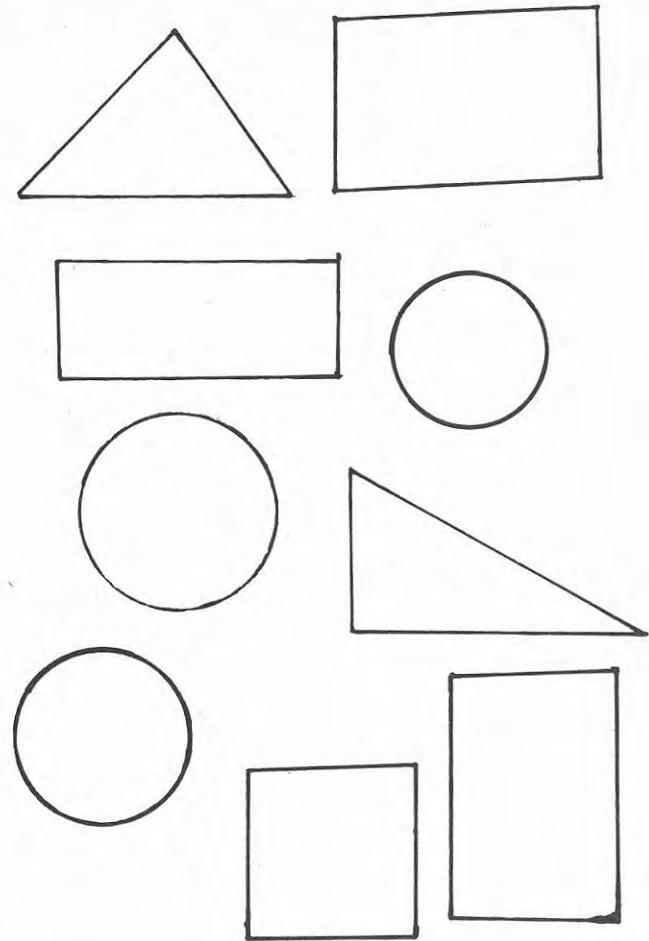


- 1) Intee xaglood baa qumman, intee baa aan qummanayn ?
- 2) Intee laba xaglood leh ?
- 3) Shaxan b intee xaglood oo qumman buu leeyahay ?



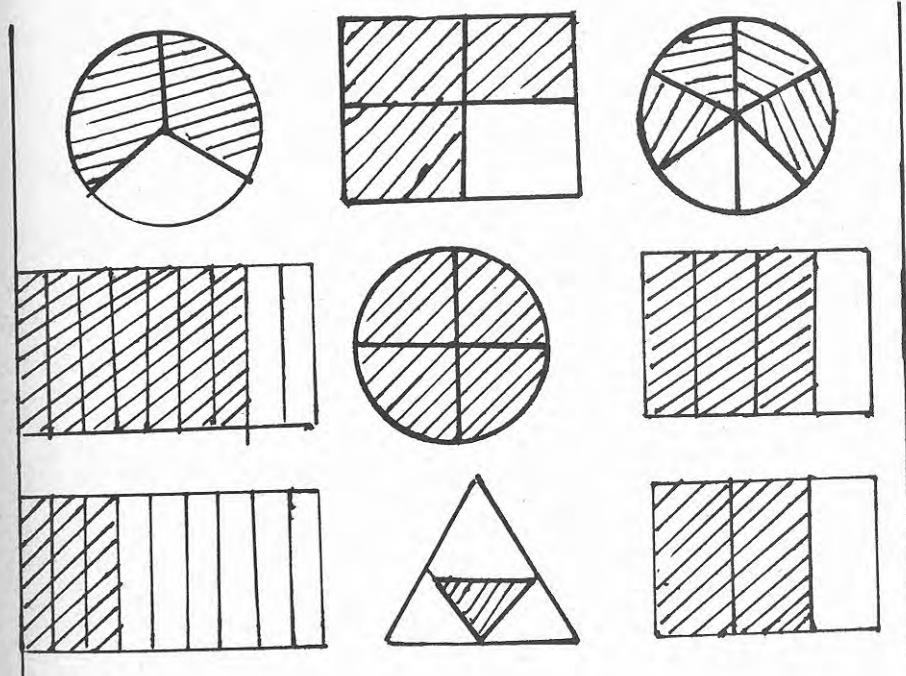
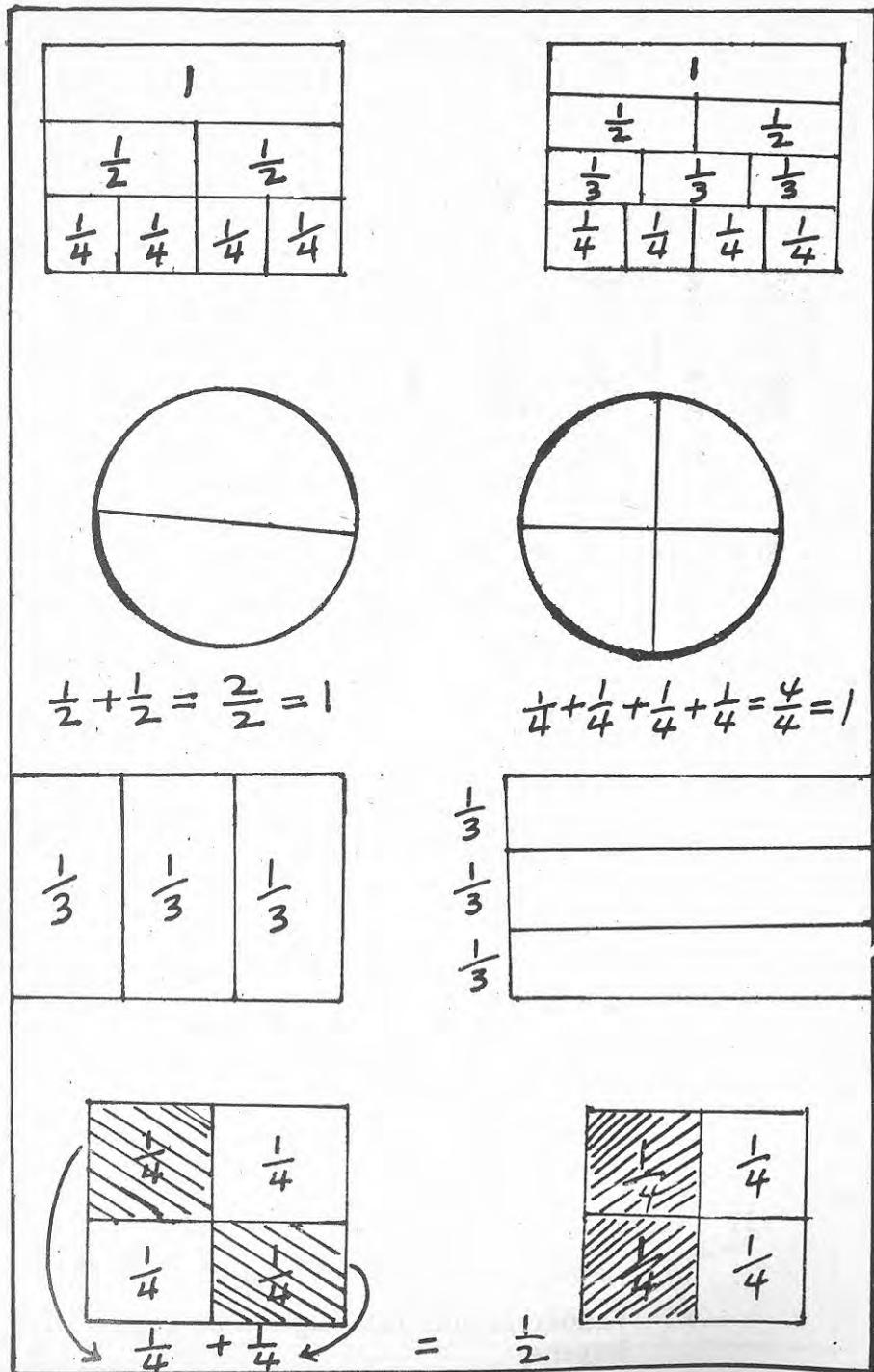


Layli :



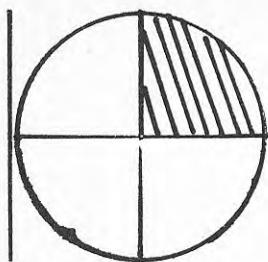
- 1) Shaxannada kor ku sawiran, immisaa ayaa ah :
 (i) Laydiyo, (ii) Saddexagallo, (iii) labajibbaaranayaal, (iv) Goobooyin ?
- 2) Labajibbaaranuhu intee xaglood oo qumman buu leeyahay ?
- 3) Ma run baa mise waa been ?
 b) Laydiga afartiisa dhinac waa isle'eg yihiin.
 t) Saddexagalluhu laba xaglood oo qudh ah ayuu leeyahay .

1) Jajabkee baa ku tusaya inta haraysan ?

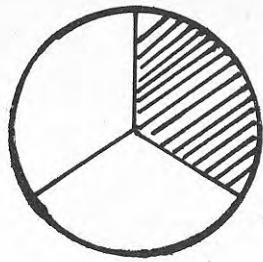


2) Qor jajabka ku tusaya inta haraysan iyo jajabka ku tusaya inta aan haraysanayn ?

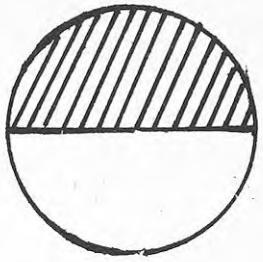
KEE BAA WEYN ?



$$\frac{1}{2} \text{ iyo } \frac{1}{3}$$



$$\frac{1}{4} \text{ iyo } \frac{1}{3}$$



$$\frac{1}{2} \text{ iyo } \frac{1}{3}$$

Layli :

1) $\frac{1}{2} \text{ iyo } \frac{1}{4}$

2) $\frac{1}{2} \text{ iyo } \frac{1}{3}$

3) $\frac{1}{4} \text{ iyo } \frac{1}{3}$

4) $\frac{1}{5} \text{ iyo } \frac{1}{4}$

5) $\frac{1}{3} \text{ iyo } \frac{1}{8}$

6) $\frac{1}{3} \text{ iyo } \frac{2}{3}$

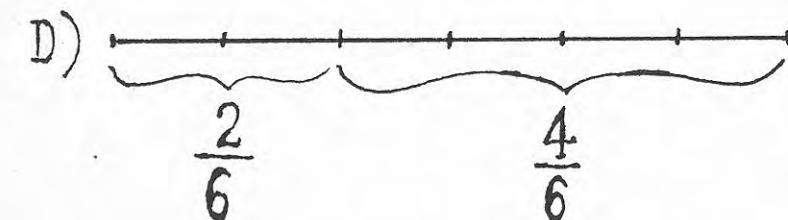
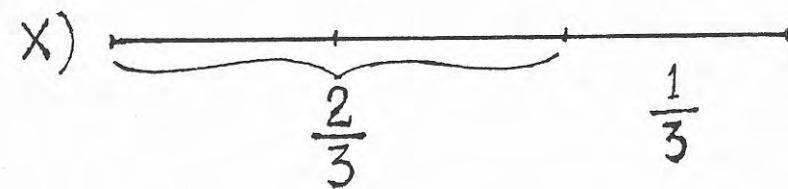
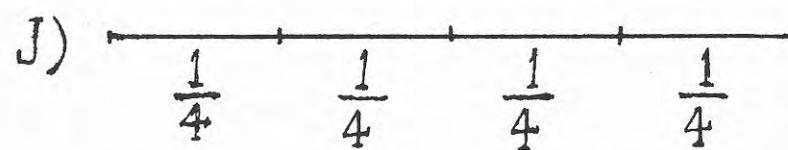
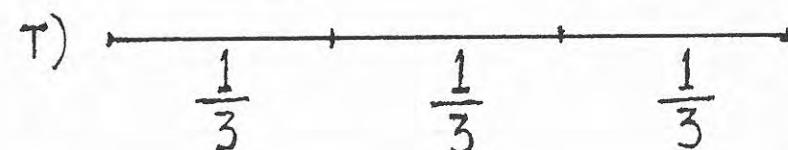
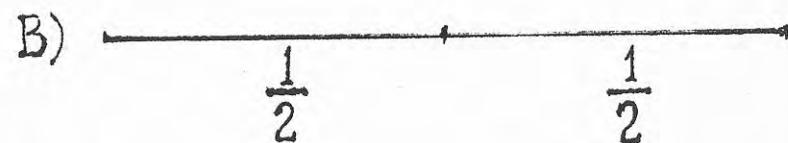
7) $\frac{3}{8} \text{ iyo } \frac{5}{8}$

8) $\frac{1}{4} \text{ iyo } \frac{1}{4}$

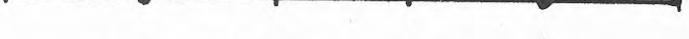
9) $\frac{1}{3} \text{ iyo } \frac{1}{3}$

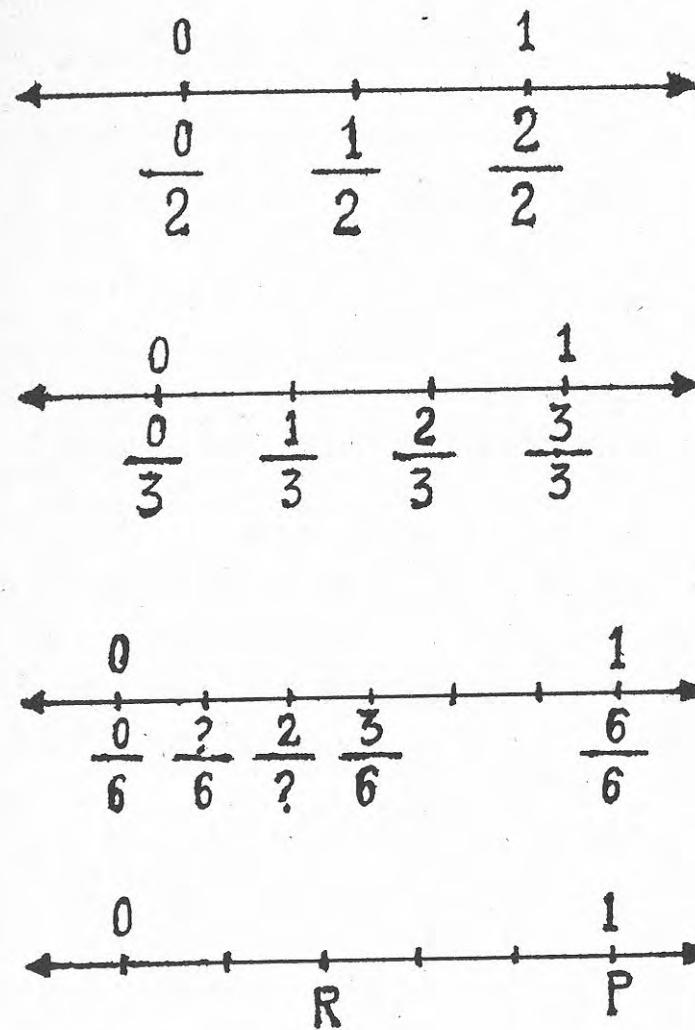
10) $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} \text{ iyo } \frac{1}{2} + \frac{1}{2}$

Baro xarriiqahan sida loo qaybshay

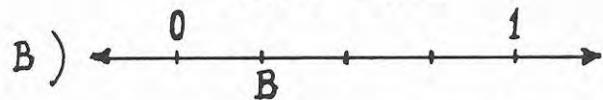


xarriiqaha ku yaal

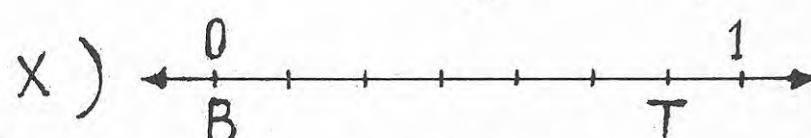
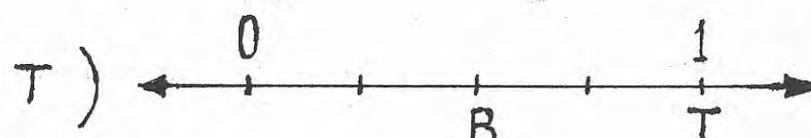
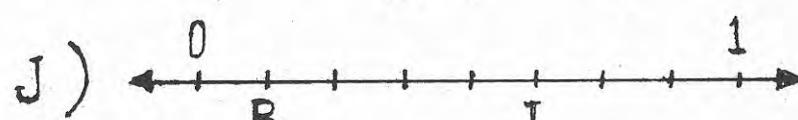
- 1) 
- 2) 
- 3) 
- 4) 
- 5) 
- 6) 
- 7) 
- 8) 
- 9) 
- 10) 



Qor jabjabada baraha magacaaban ee xariiqaha tirada
ee hoos ku yaal



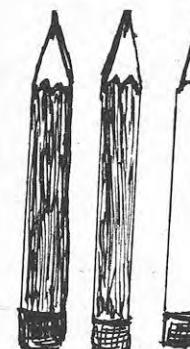
Qor jabjabada labada meelood ee magacaaban u dhaxceeyaa



1 ka mid ah 4 goobo ayaa haraysan

$\frac{1}{4}$ da goobooinka ayaa haraysan

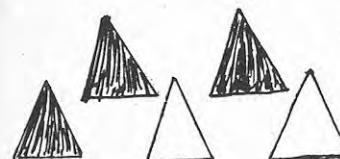
Waa immisa $\frac{1}{4}$ da 4?



2 ka mid ah 3 qalin ayaa haraysan.

$\frac{2}{3}$ da qalimada ayaa haraysan.

Waa immisa $\frac{2}{3}$ da 3 ?

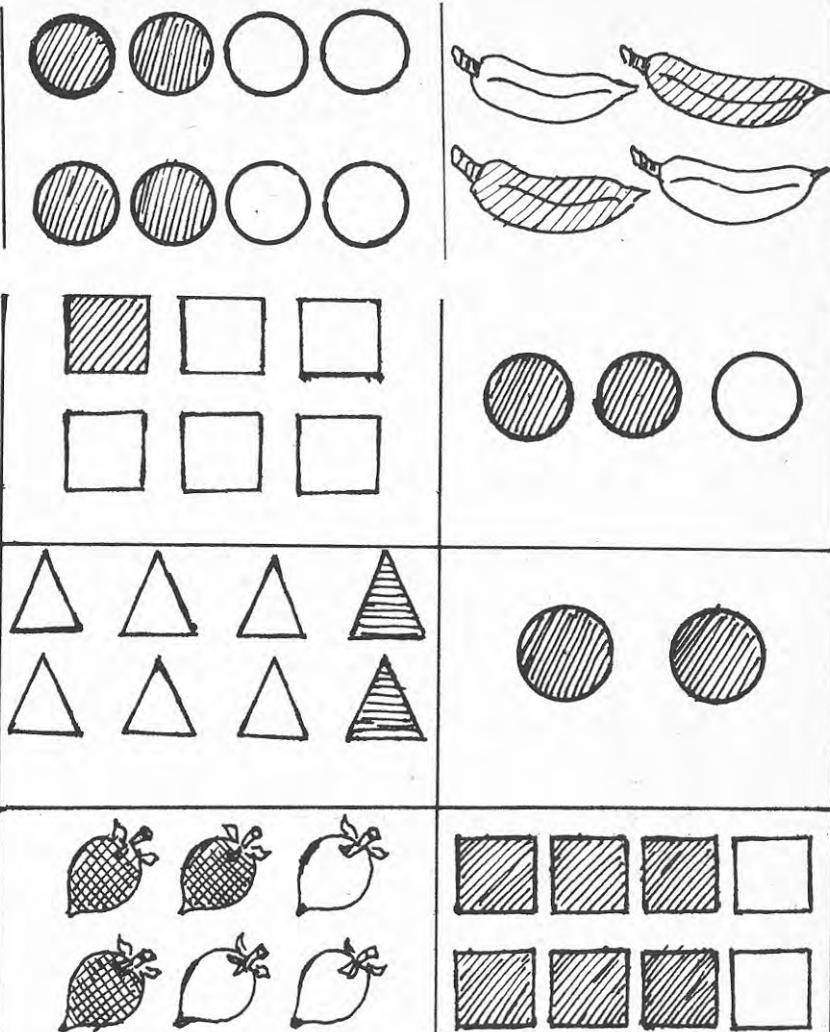


3 ka mid ah 5 saddexagal ayaa ha-
raysan.

$\frac{3}{5}$ da saddexagalada ayaa haraysan.

Waa immisa $\frac{3}{5}$ da 5 ?

I) Qor jabjabyada tusaya tirada alaabta inta haraysan mar-
ka loo eego alaabtoo dhan.



II) Waa immisa ?

1) $\frac{1}{2}$ da 4, 2) $\frac{1}{3}$ da 6, 3) $\frac{1}{3}$ da 3, 4) $\frac{1}{4}$ da 4.

W A Q T I G A

Saacaddu maxay tilmaantaa ?

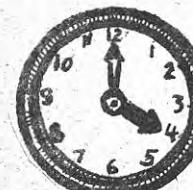
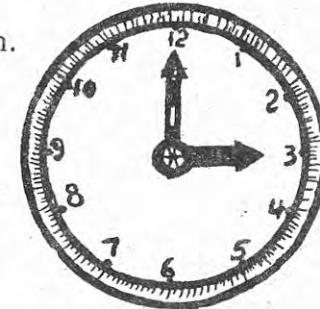
Saacaddu waxay leedahay gacan gaaban.

Saacaddu waxay leedhay gacan dheer.

Saacaddu waxay tilmaameysaa 3 saac.

Gacanta dheeri waxay ku taagan tahay 12

Ta gaabanina waxay ku taagan tahay 3



Gacanta dheeri waxay taagan tahay 12.
Gacanta gaabani waxay ku taagan tahay 4.
Saacaddu waxay sheegeysaa ————— saac

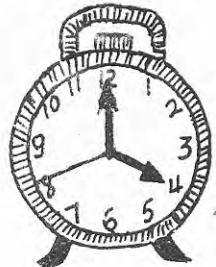
Gacanta dheeri waxay ku taagan tahay 12.
Gacanta gaabani waxay ku taagan tahay 6.
Saacaddu waxay sheegeysaa ————— saac.

Gacanta dheeri waxay ku taagan tahay 12.
Gacanta gaabani waxay ku taagan tahay 10.
Saacaddu waxay sheegeysaa ————— saac.

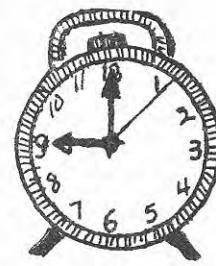
Gacanta dheeri waxay ku taagan tahay 12.
Gacanta gaabani waxay ku taagan tahay 12.
Saacaddu waxay sheegeysaa ————— saac.



Saacaddani immisey sheegeysaa ?
— saac



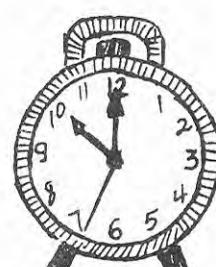
Saacaddani immisey sheegeysaa ?
— saac.



Saacaddani immisey sheegevsaa ?
— saac



Saacaddani immisey sheegeysaa ?
— saac



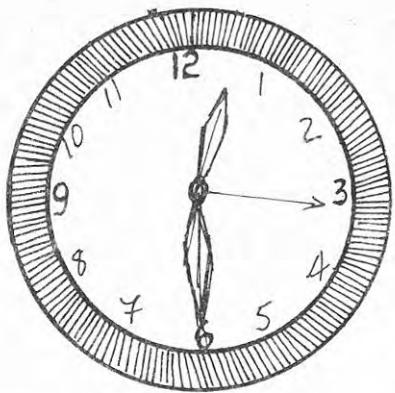
Saacaddani immisey sheegeysaa ?
— Saac

Maxay Caasho qabataa waqtiyadan ?

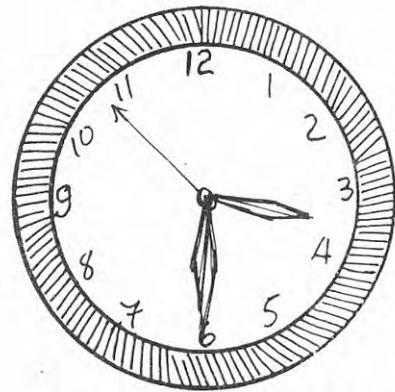
Caasha dugsigey tagtaa.

Caasha calankey saartaa.

Caasha fasalkey gashaa.



Caasha gurigey ku noqotaa.



Caasha iska waxuqabsey aaddaa.



Waxa ku jira halkii saac lixdan miridh

$\frac{1}{1}$ saac = 60 miridh

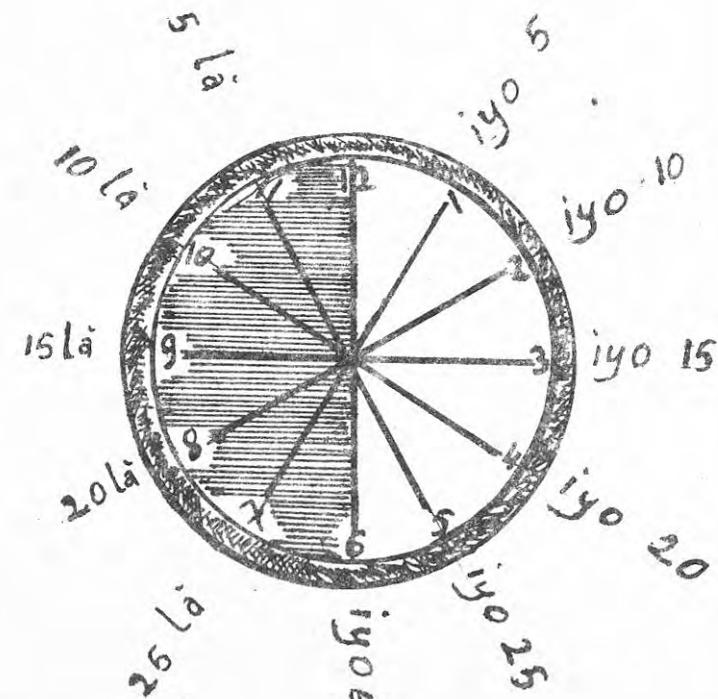
$\frac{1}{2}$ saac = 30 miridh

$\frac{1}{4}$ saac = 15 miridh

$\frac{3}{4}$ saac = —— miridh

$1\frac{1}{2}$ saac = —— miridh

$\frac{1}{1}$ saac = —— miridh



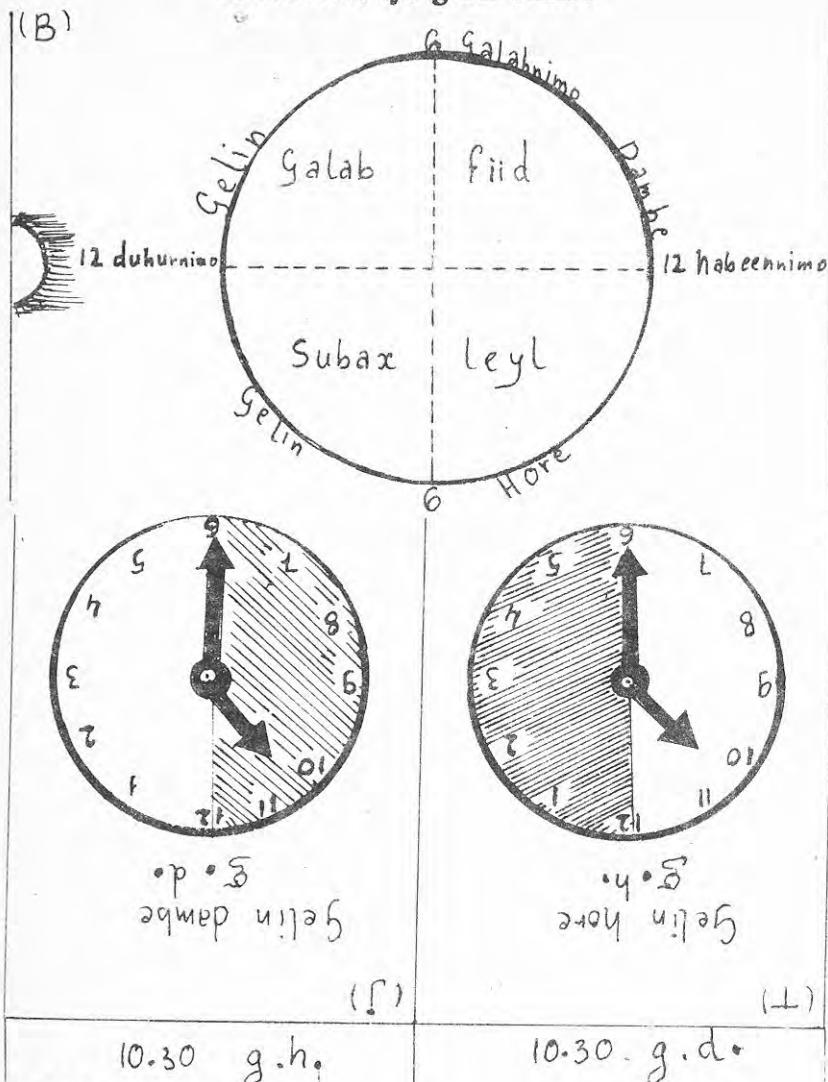
Layli :

- 1) Sawir saacado tilmaamaya waqtiyadan soo socda :
 - b) 7 : 30 t) 2 : 25 j) 5 : 25 x) 4 : 29
 - d) 8 : 45 r) 11 : 55.

- 2) Immisa miridh baa ku jira :
 - b) 2 : 45 t) 4 : 45 j) 1 : 25 x) 0 : 55
 - d) 3 : 05

- 3) Immisa saac iyo miridh ayaa ka soo baxaya miridhadaan :
 - b) 300 t) 720 j) 950 x) 240 d) 45

Gelin hore iyo gelin dambe

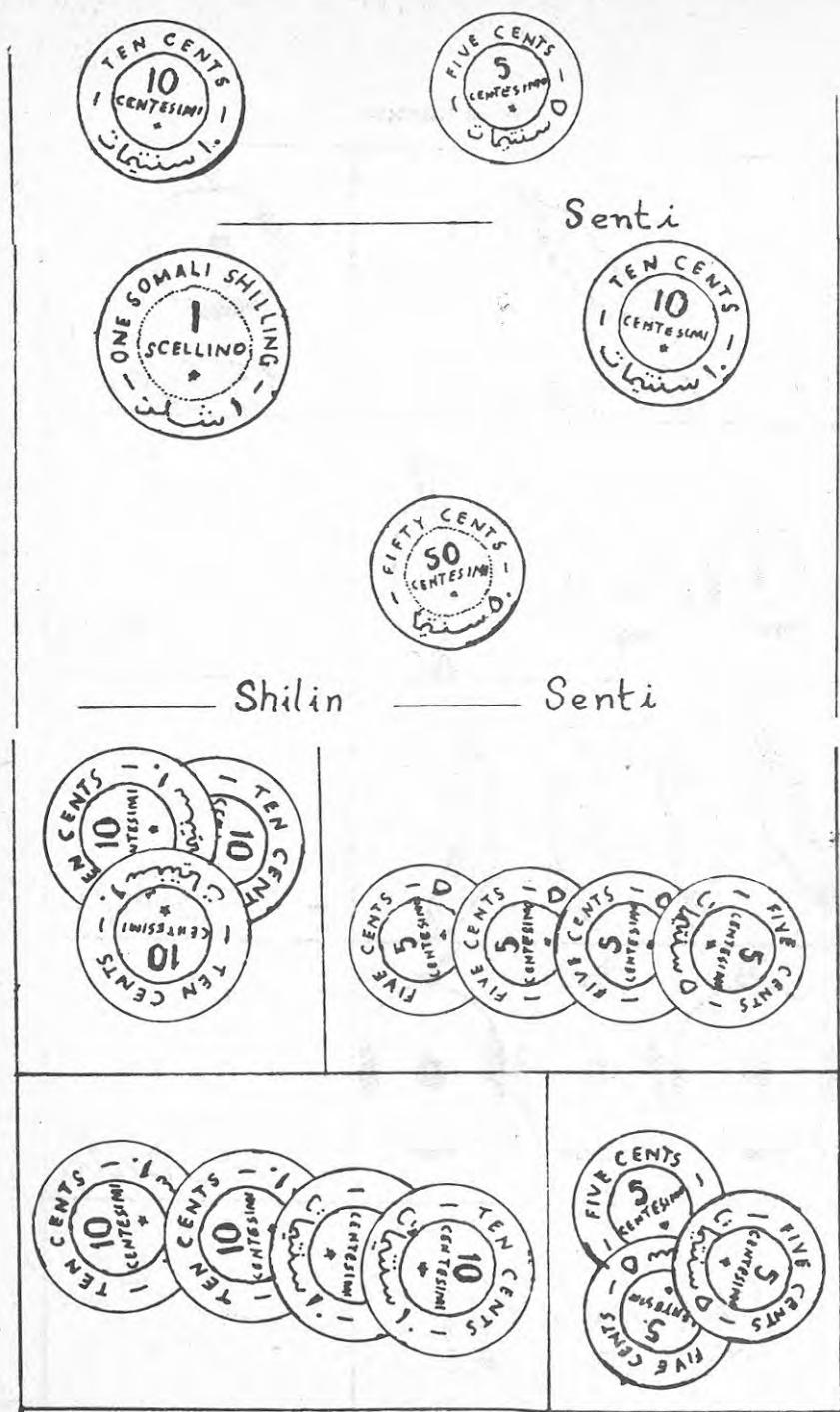
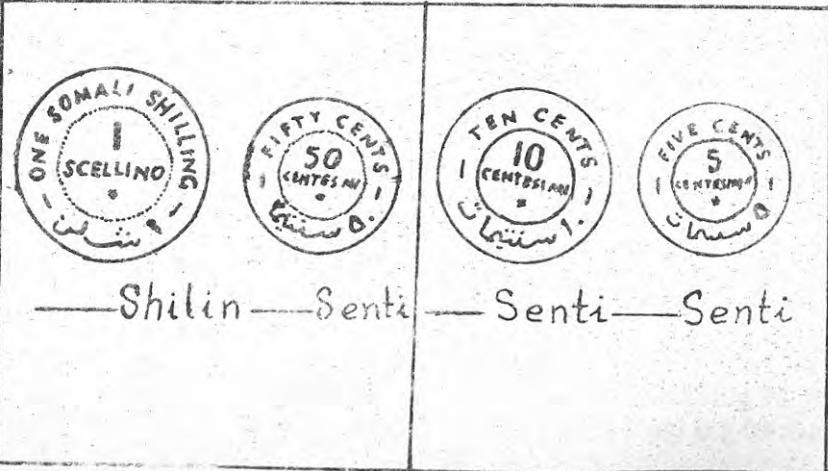
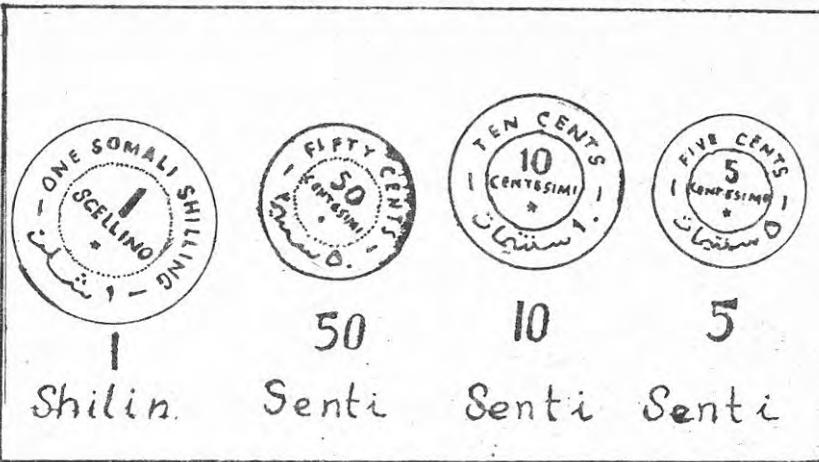


Layli :

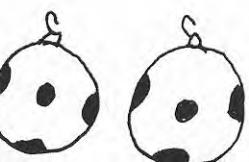
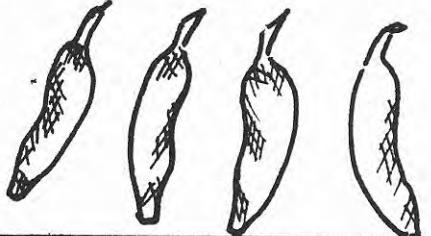
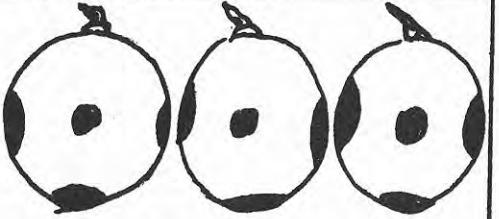
Immisa miridh ayaa u dhexeyya :

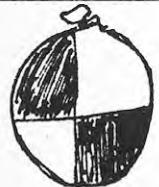
- 1) 11:25 g.h iyo 12:00 duhurnimo
- 2) 9:30 g.h iyo 10:45 g.h.
- 3) 11:20 g.h iyo 12:10 g.d.
- 4) 3:15 g.d iyo 6:00 g.d.
- 5) 10:40 g.d iyo 11:20 g.d.

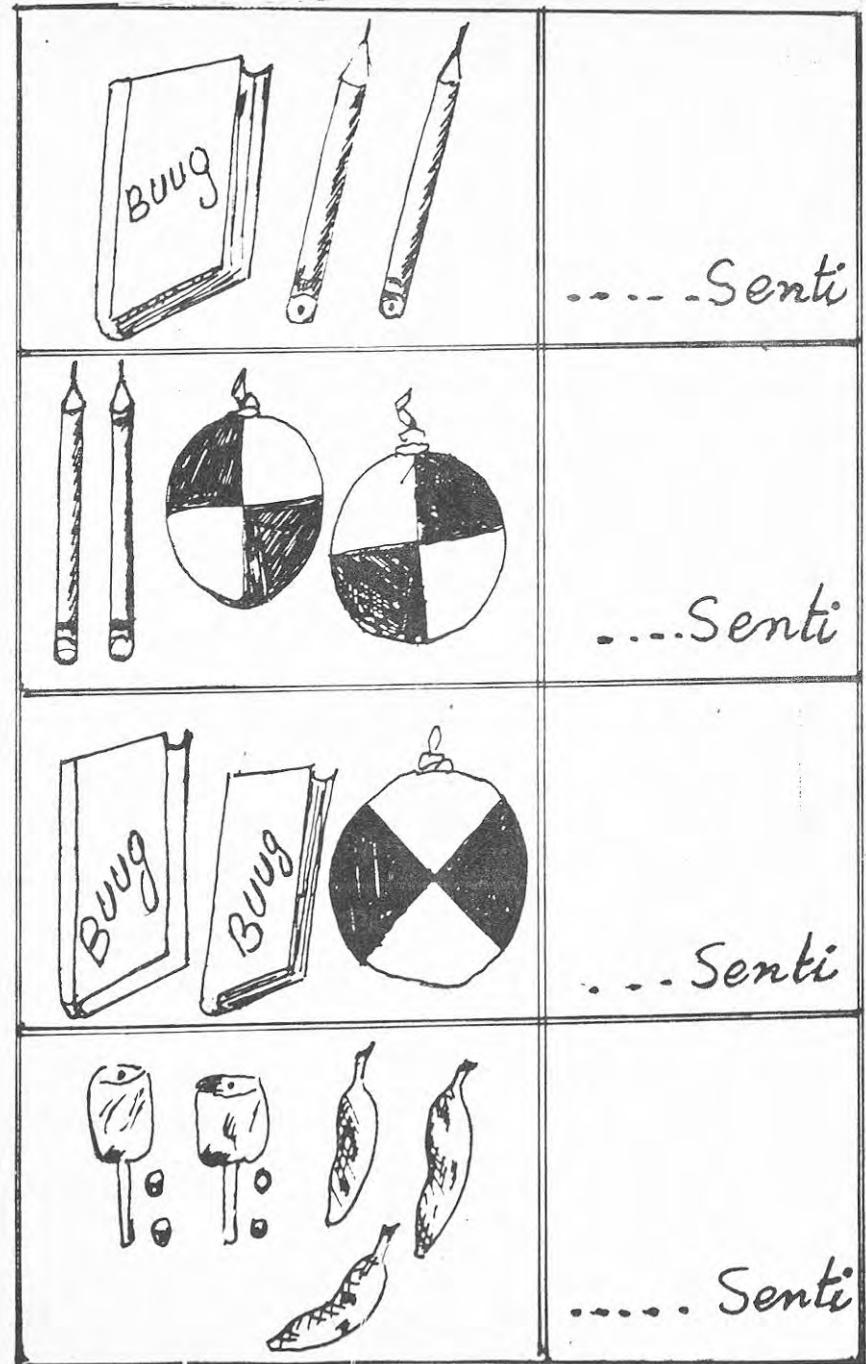
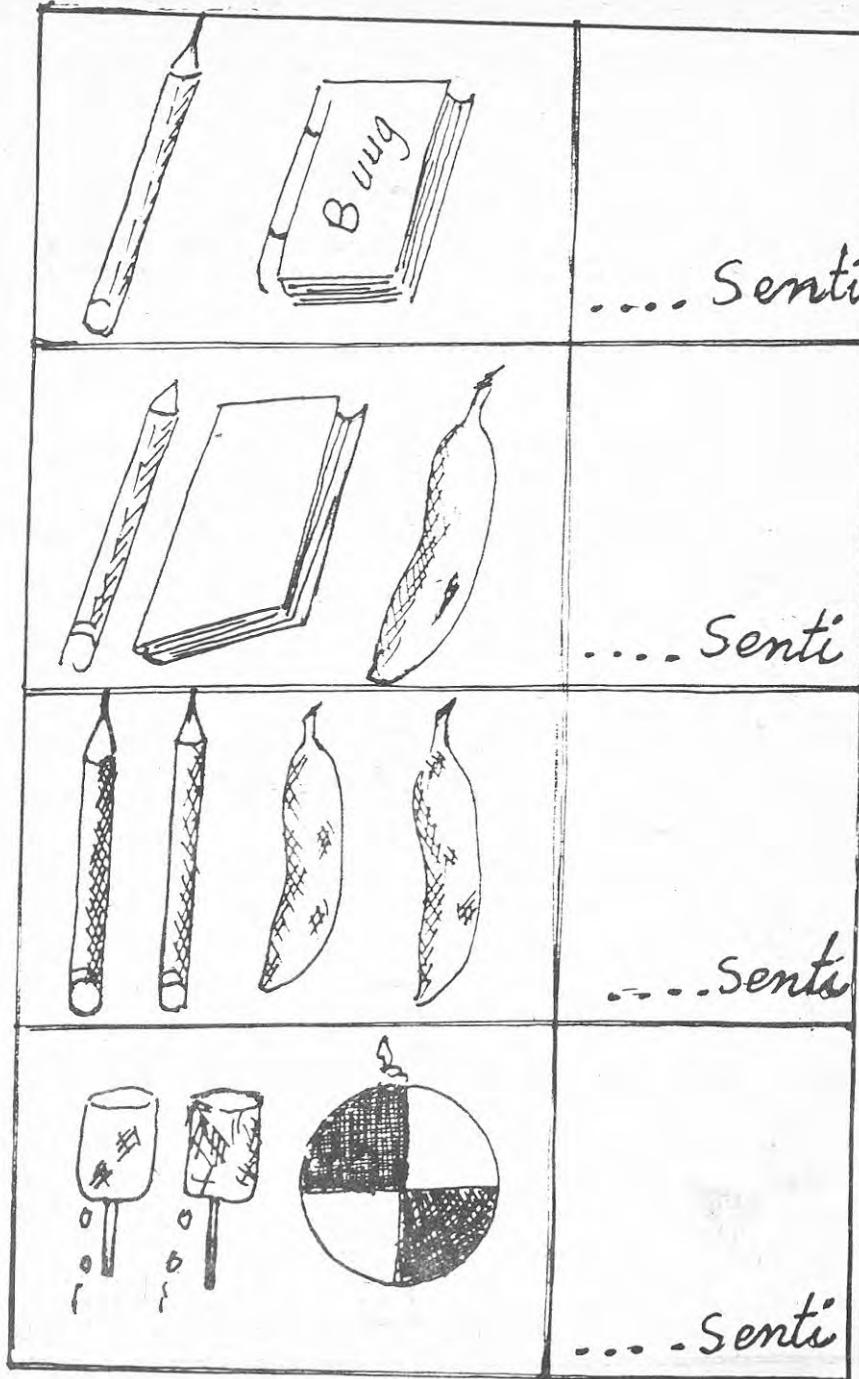
LACAGTA



Waa immisa ?

	10 Senti
 	15 Senti
	--- Senti
	--- Senti
	--- Senti

	20 Senti
	35 Senti
	5 Senti
	5 Senti
	15 Senti



1 Shilin = 100 Senti

1 Sh. = 100 St.

Sh.		St.	Sh.		St.	Sh.		St.
50		45	2		25	1		55
+ 25	- 1	25	+ 3		25	-		
75		1 20				4 80		

Layli :

Sh.		St.	Sh.		St.	Sh.		St.
35		15	+ 45		75	+ 45		25

Sh.		St.	Sh.		St.	Sh.		St.
1 30			3 25			4 70		
+ 2 60			+ 1 15			+ 3 15		

Sh.		St.	Sh.		St.	Sh.		St.
45		70	- 15		45	- 2 65		

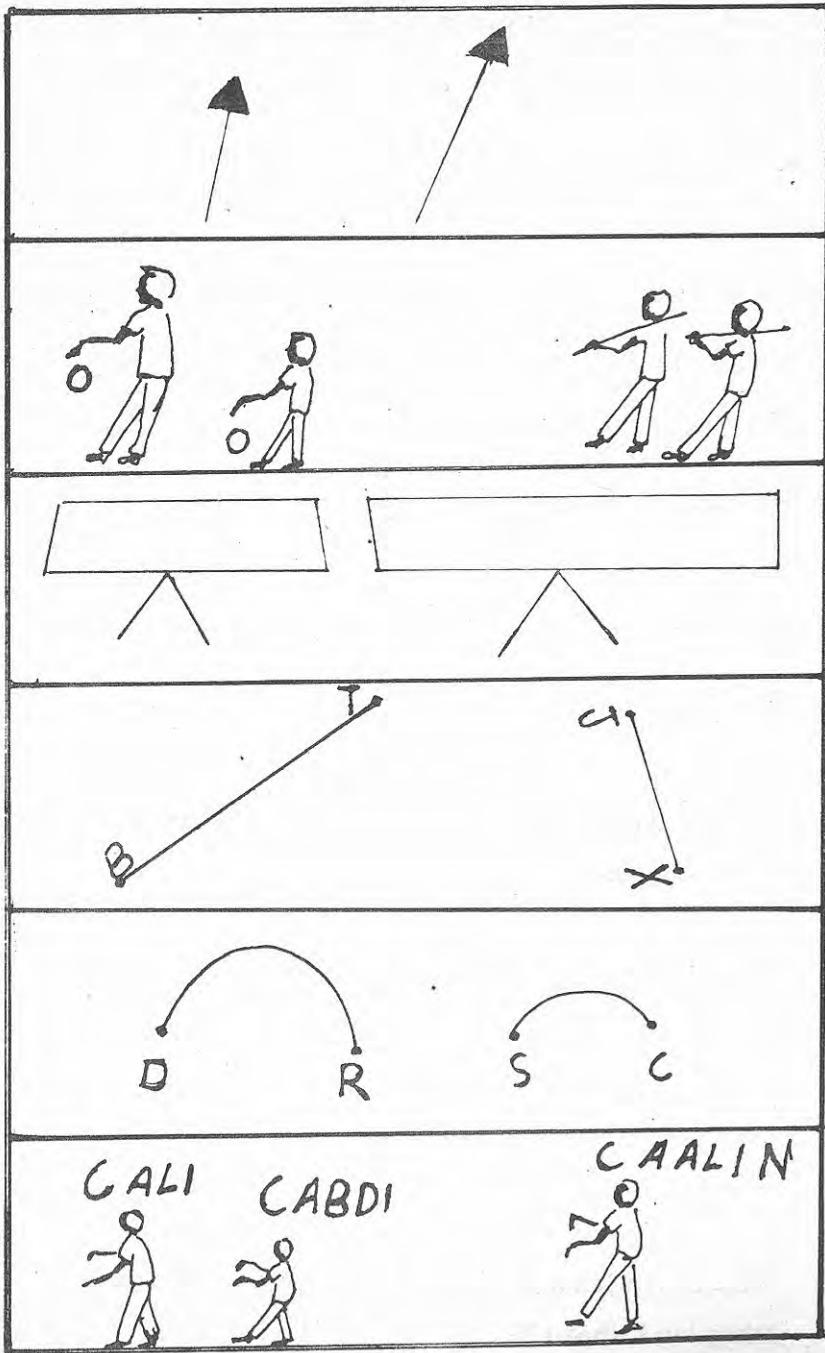
Buuxi meelaha madhan :

- Sh. So. 1.15 waxa weeyaan 1. Sh. So. iyo 15 Senti
 Sh. So. 2.75 waxa weeyaan —— Sh. So. iyo —— senti
 Sh. So. 3.95 waxa weeyaan —— Sh. So. iyo —— senti
 Sh. So. 1.25 waxa weeyaan —— Sh. So. iyo —— senti
 Sh. So. 4.05 waxa weeyaan —— Sh. So. iyo —— senti
 Sh. So. 1.40 waxa weeyaan —— Sh. So. iyo —— senti
 Sh. So. 0.05 waxa weeyaan —— Sh. So. iyo —— senti
 Sh. So. 0.85 waxa weeyaan —— Sh. So. iyo —— senti
 Sh. So. 4.15 waxa weeyaan —— Sh. So. iyo —— senti
 Sh. So. 1.45 waxa weeyaan —— Sh. So. iyo —— senti

I) Liibaan baa haystay Sh. So. 7.50, Geeddina wuxuu hays-tay Sh. So. 5.75, Jaamacna Sh. So. 3.15.

- 1) Immisa weeyaan lacagtay seddexdoodu isku hays-taan ?
- 2) Immisey Liibaan lacagiisu ka badan tahay ta Jaamac ?
- 3) Geeddi iyo Jaamac lacagtay haystaan immisey dheer-tahay tan Liibaan ?

DHERERKA



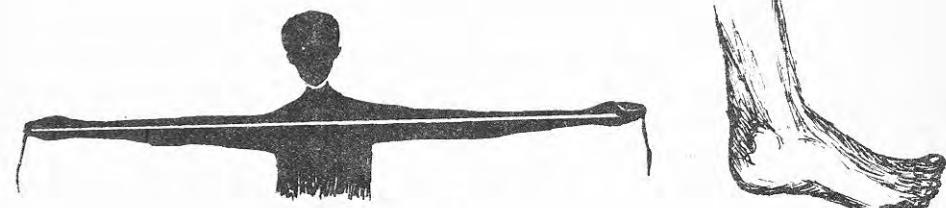
BAL AYNU CABBIRNO

Fasalkeenna
Miiskeenna
Buuggeenna
Irridda
Looxa

Baac

Talaabo iyo Cag
Taako iyo Far
Taako iyo Far
Dhudhun iyo Far
Taako iyo Far

Cag

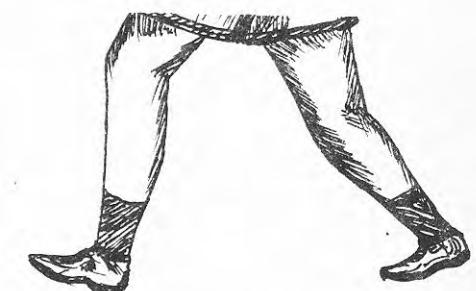


Taako

Tallaabo

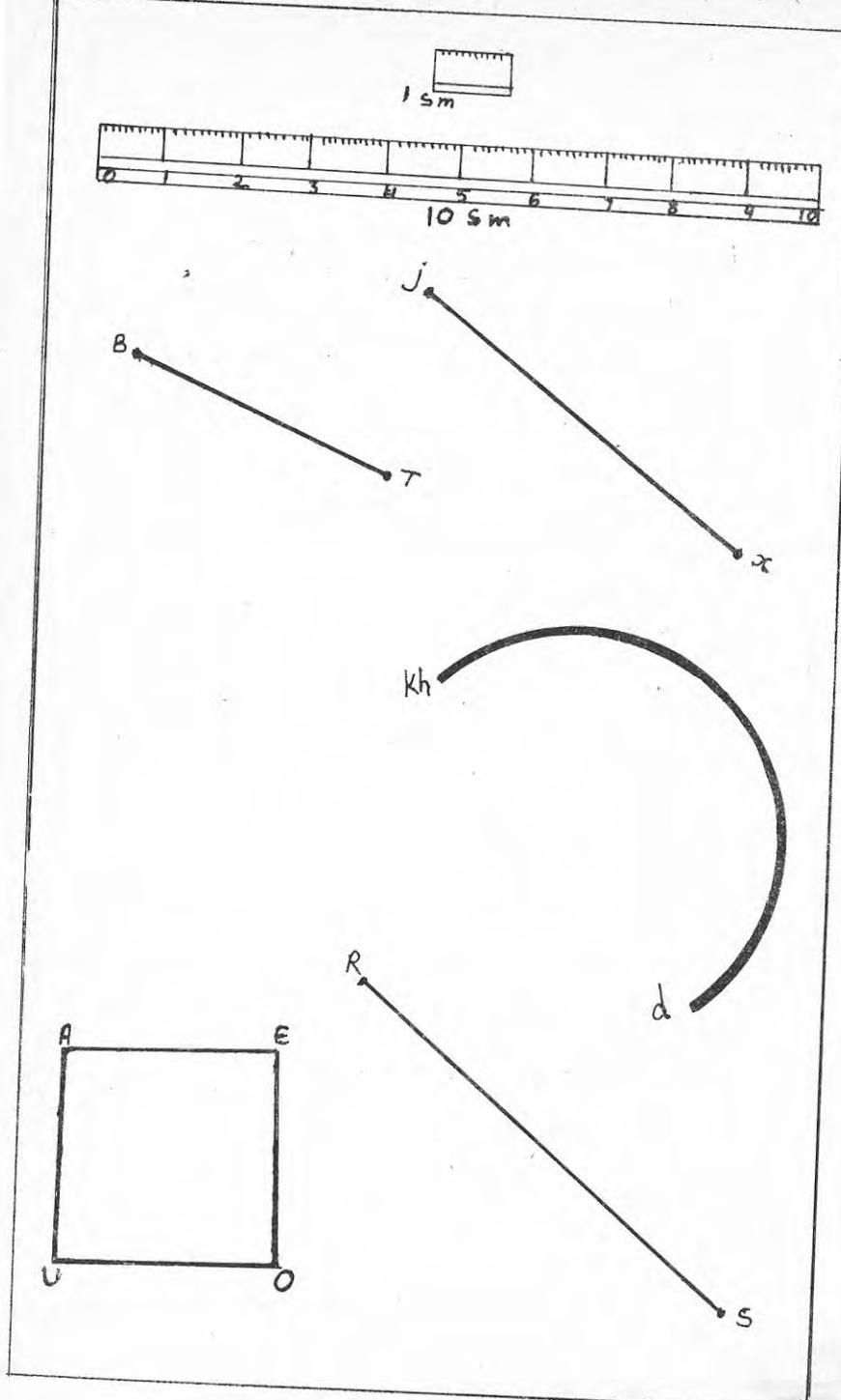


Far



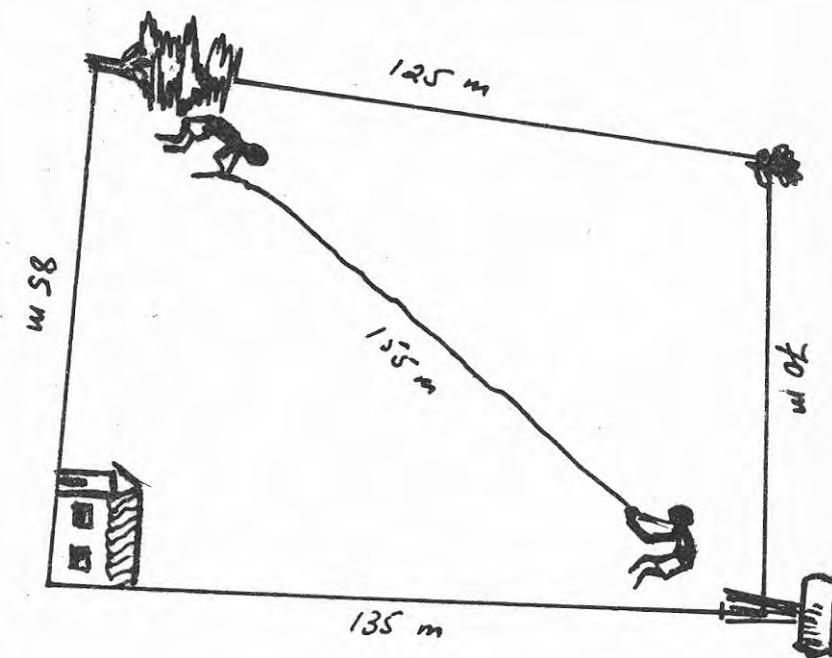
Dhuudhun





100 sentiimitir (sm) = 1 mitir (m)

Abuukar iyo Cabdulle ayaa xadhib aad u dheer soo qaataay. Waxay u kala gunteen hal hal mitir. Ka dibna beerta dugsiga waa kuwan cabbiraya.



- 1) Immisu taangiga biyuhu ka fog yahay xafiiska ?
- 2) Waa maxay fogaanta u dhexeysa ubaxa iyo taangiga biyaha ?
- 3) Immisu gabbaldayuhu ka fog yahay xafiiska adoo ka soo wareegaya xagga taangiga ?
- 4) Maxaa u dhexeeyaa dhinaca ugu dheer iyo kan ugu gaaban ?

Buuxi Meelaha Madhan

$$\begin{array}{l}
 1 \text{ m} = \text{----- sm} \\
 2 \text{ m} = \text{----- sm} \\
 \text{B. } 5 \text{ m} = \text{----- sm} \\
 \\
 \frac{1}{2} \text{ m} = \text{----- sm} \\
 \\
 \frac{1}{4} \text{ m} = \text{----- sm} \\
 \\
 400 \text{ sm} = \text{----- m} \\
 450 \text{ sm} = \text{----- m} \\
 1000 \text{ sm} = \text{----- m} \\
 150 \text{ sm} = \text{----- m} \\
 2000 \text{ sm} = \text{----- m}
 \end{array}$$

T. Isu g ee

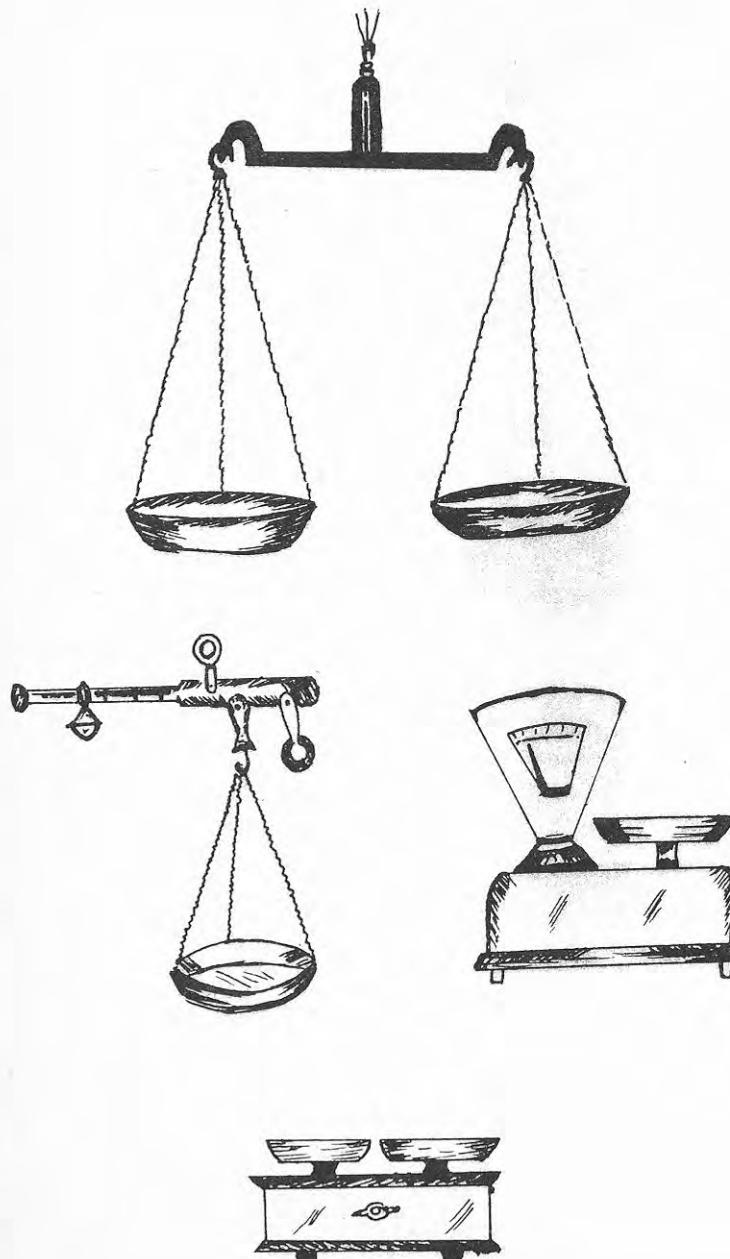
$$\begin{array}{r}
 \begin{array}{rrrrrr}
 \text{m} & \text{sm} & \text{m} & \text{sm} & \text{m} & \text{sm} \\
 35 & & 1 & 75 & 3 & 80 \\
 + & 45 & + 2 & 15 & + 1 & 40 \\
 \hline
 \end{array} \\
 \\
 \begin{array}{rrrrrr}
 \text{m} & \text{sm} & \text{m} & \text{sm} & \text{m} & \text{sm} \\
 55 & & 3 & 50 & 3 & 25 \\
 + & 75 & + 1 & 60 & + 1 & 75 \\
 \hline
 \end{array}
 \end{array}$$

J. Kala goo

$$\begin{array}{r}
 \begin{array}{rrrrrr}
 \text{m} & \text{sm} & \text{m} & \text{sm} & \text{m} & \text{sm} \\
 75 & & 85 & & 1 & 25 \\
 - & 55 & - & 75 & - & 85 \\
 \hline
 \end{array} \\
 \\
 \begin{array}{rrrrrr}
 \text{m} & \text{sm} & \text{m} & \text{sm} & \text{m} & \text{sm} \\
 90 & & 91 & & 3 & 70 \\
 - & 45 & - & 77 & - 1 & 85 \\
 \hline
 \end{array}
 \end{array}$$

C U L A Y S K A

Miisaanno kala duwan



Daahir oo ismiisaamaya

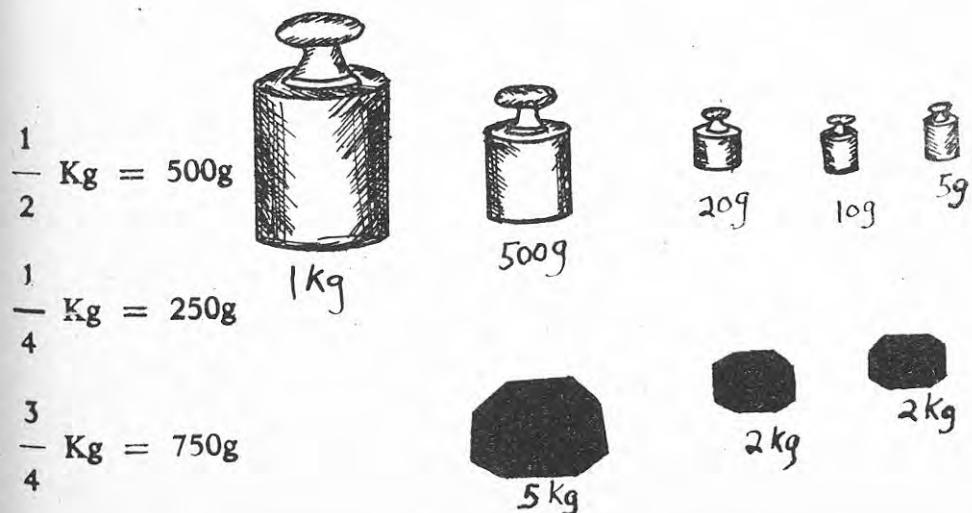
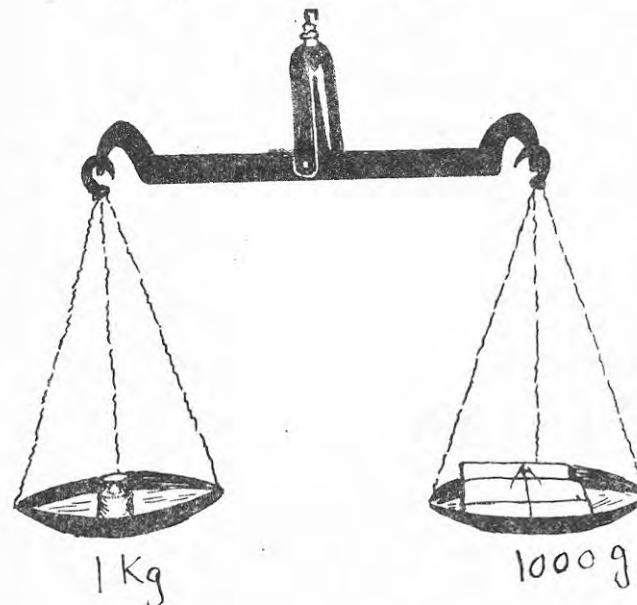


- 1) Waligaa ma ismiisaantey ?
- 2) Miisaan kaagu waa im-misa ?
- 3) Miisaanka saaxiibkaana waa immisa ?
- 4) Kiilo bur ah iyo kiilo sokor ah yaa culus ?

CULAYSKA

1 Kūloogaraam = 1000 garaam

1 Kg = 1000 g



1) Waa immisa garaam?

b) $\frac{1}{4}$ Kg

t) $1\frac{1}{2}$ Kg

j) $1\frac{3}{4}$ Kg

x) $2\frac{3}{4}$ Kg

d) $4\frac{1}{2}$ Kg

r) $1\frac{1}{4}$ Kg

2) U rog Kiiloograam

b) 250 g

t) 500 g

j) 1500

x) 2250 g

d) 3750 g

r) 5500

3) Buuxi meelaha madhan.

b) 3500g = _____ Kg iyo _____ g

t) 4025g = _____ Kg iyo _____ g

j) 5000g = _____ Kg iyo _____ g

x) 500g = _____ Kg iyo _____ g

d) 3020g = _____ Kg iyo _____ g

Magacyada kale ee tiro leedahay.

Waxaynu naqaan in $1 + 4$ ay le'eg tahay 5.

$1 + 4 = 5$.

Magac kale oo ay tirada 5 leedahay waa $1 + 4$. Magac kale oo ay tirada 5 leedahay waa $3 + 2$.

$5 + 0$ ma tahay magac kale oo ay 5 leedahay ? Sheeg magacyo kale oo ay 5 leedahay ?

Tiro walba qor magac kale oo ay leedahay.

$3 = 1 + 2$, $6 = 3 + 3$

$1 + 6 = 7$, $3 + 5 = 8$

Qor magacyada kale oo dhan oo ay tiro walba leedahay

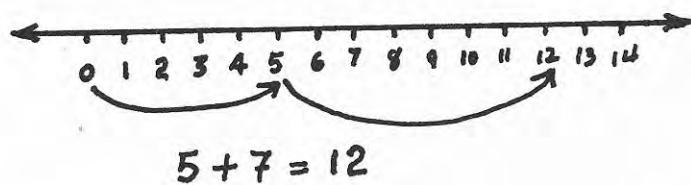
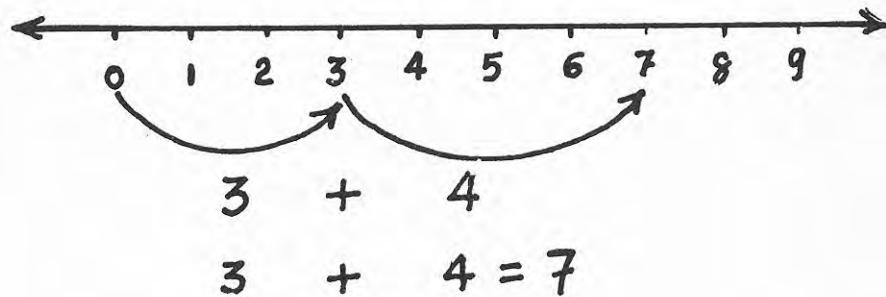
5, 2, 3

6, 9, 8

1) Cusmaan wuxuu haystaa 6 buug. Dahabona waxay haysataa 4 buug. Immisa buug ayaa Cusmaan iyo Dhabo haystaan ?

2) Saxarli waxay soo gadatay 5 xabbo oo muus ah. Haybana wuxuu soo gatay 8 xabbo oo muus ah. Immisa xabbo oo muus ah ayaa Saxarla iyo Haybe soo gateen ?

Isugeynta oo lagu sameynayo xarriiqda tirada



Weedh walba ku samee xarriiq tiro

$$\begin{array}{ll} 4 + 2 = 6 & 3 + 5 = 8 \\ 2 + 6 = 8 & 1 + 4 = 5 \end{array}$$

- 1) Fasalka labaad waxa ku jira 17 gabdhood iyo 15 wiil. Waa immisa tirada ardada oo dhammi ?
- 2) Dugsi baa waxa dhigta wiil iyo 148 gabdhood. Waa immisa tirada ardada dugsigaa dhigataa ?

150 = 1 boqlaad 5 tobnaad 0 koowaad.
25 = 0 boqlaad 2 tobnaad 5 koowaad.
3507 = 3 kumaad 5 boqlaad 0 tobnaad 7 koowaad

Buuxi meelaha bannaan

4615	4 kumaad	6 boqlaad	1 tobnaad	5 koowaad
32				
3142				
6315				
71				
305				

32	Soddon iyo laba
4387	Afar kun, saddex boqol, siddeetan iyo toddoba
81	
717	
1429	
3255	
311	

$\begin{array}{r} 456 \\ 313 \\ \hline 9 = 6 + 3 \\ 60 = 50 + 10 \\ 700 = 400 + 300 \\ \hline 769 \end{array}$	$\begin{array}{r} 348 \\ 623 \\ \hline 11 = 8 + 3 \\ 60 = 40 + 20 \\ 900 = 300 + 600 \\ \hline 971 \end{array}$
---	--

$$\begin{array}{r}
 314 \\
 + 261 \\
 \hline
 3456
 \end{array}
 \quad
 \begin{array}{r}
 241 \\
 + 814 \\
 \hline
 321
 \end{array}
 \quad
 \begin{array}{r}
 321 \\
 + 483 \\
 \hline
 6318
 \end{array}
 \quad
 \begin{array}{r}
 + 1292 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 1) \quad 2166 \\
 + 2362 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 2) \quad 3052 \\
 + 1075 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 3) \quad 4721 \\
 + 1723 \\
 \hline
 \end{array}$$

Qor magacyada kale ee :

7, 4, 5, 6.

$$\begin{array}{r}
 4235 = 4000 + 200 + 30 + 5 \\
 1213 = 1000 + 200 + 10 + 3 \\
 + 3144 = 3000 + 100 + 40 + 4 \\
 \hline
 8000 + 500 + 80 + 12 = 8592
 \end{array}
 \quad
 \begin{array}{r}
 4235 \\
 1213 \\
 + 3144 \\
 \hline
 8592
 \end{array}$$

$$\begin{array}{r}
 4) \quad 3868 \\
 + 3673 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 5) \quad 1246 \\
 2590 \\
 + 178 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 6) \quad 1384 \\
 728 \\
 + 1589 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 8146 \\
 321 \\
 + 142 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 3145 \\
 1316 \\
 + 5281 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 4231 \\
 3126 \\
 + 13 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 7) \quad 943 \\
 708 \\
 + 876 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 8) \quad 528 \\
 962 \\
 + 403 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 9) \quad 528 \\
 962 \\
 121 \\
 + 12 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 1453 \\
 31 \\
 1631 \\
 + 4102 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 3201 \\
 615 \\
 1038 \\
 + 3160 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 4536 \\
 541 \\
 210 \\
 + 18 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 10) \quad 121 \\
 9621 \\
 3101 \\
 + 154 \\
 \hline
 \end{array}$$

Isugeynta Sentyada iyo Shilinnada

100 senti = 1 shilin

50 st.	35	45 sh.
+ 40 st.	+ 47	+ 18 sh.
-----	-----	-----
90 st.	82 st.	63 sh.
45 st.	33 st.	48 st.
+ 32 st.	+ 48 st.	+ 15 st.
-----	-----	-----
st.	st.	st.
68 sh.	82 sh.	38 sh.
+ 27 sh.	+ 46 sh.	+ 49 sh.
-----	-----	-----
sh.	sh.	sh.
76 st.	80 sh.	52 sh.
+ 18 st.	+ 2 sh.	+ 35 sh.
-----	-----	-----
st.	sh.	sh.
-----	-----	-----

- 1) Cali wuxuu gatay buug iyo qalin. Buugga wuxuu qiimihiisu ahaa 12 shilin; qalinkana wuxuu qiimihiisu ahaa 2 shilin. Waa immisa lacagta uu Cali bixiyey ?

- 2) Caasha waxay haysataa 45 senti. Calina wuxuu haystaa 30 senti. Waa immisa lacagta ay Cali iyo Caasha haysteen ?

3 shilin iyo 35 waa 3.35 shilin.

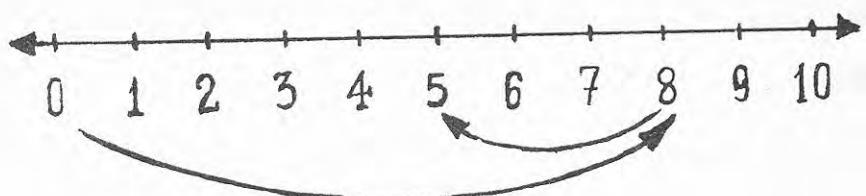
65 senti waa 0.65 shilin

45 senti waa ----- shilin.

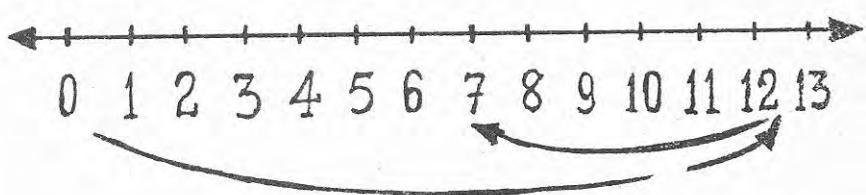
1.35 sh.	3.25 sh.	12.35 sh.
+ 2.45 sh.	+ 8.85 sh.	+ 63.45 sh.
-----	-----	-----
3.80 sh.	12.10 sh.	76.00 sh.
3.15 sh.	10.50 sh.	45.75 sh.
+ 4.05 sh.	+ 16.65 sh.	+ 20.50 sh.
-----	-----	-----
sh.	sh.	sh.
56.35 sh.	40.75 sh.	132.50 sh.
+ 13.50 sh.	+ 85.00 sh.	+ 50.85 sh.
-----	-----	-----
sh.	sh.	sh.

- 1) Caashaa aabbaheed siiyey Sh. So. 6.50, Calina waxa hooyadiis siiyey Sh. So. 4.60. Waa immisa lacagta Caasha iyo Cali la siiyey ?

Kalagoynta oo lagu samaynayo xarriiqda tirada



$$8 - 3 = 5$$



$$12 - 5 = 7$$

Weedh walba ku samee xarriiqda tirada.

$$3 - 2 = 1$$

$$6 - 3 = 3$$

$$8 - 2 = 6$$

$$8 - 5 = 3$$

$$10 - 5 = 5$$

$$9 - 4 = 5$$

- 1) Jaamac wuxuu haystaa 5 xabbo oo muus ah. Wuxuu bixiyey 3 xabbo. Immisaa u soo haray ?
- 2) Axmed waxa baruhu u dhiibay 12 qalin. Waxa baruhu ku yiri 8 qalin u dhiib Ismaaciil. Immisa qalin baa Axmed ku haray ?

Magacyo kale ee tiro leedahay

Waxaanu naqaan in $5 - 1$ ay le'eg tahay 4.

$$5 - 1 = 4$$

Magac kale oo ay tirada 4 leedahay waq 5 - 1.

Magac kale oo tirada 4 leedahay waa 8 - 4.

$3 + 1$ ma tahay magac kale oo ay 4 leedahay ?

$2 + 2$ ma tahay magac kale oo ay tirada 4 leedahay ?

Qor magacyo kale oo ay 4 leedahay.

Tiro walba qor magac kale oo ay leedahay.

$$4 = 6 - 2$$

$$1 + 5 = 6$$

$$8 = 7 + 1$$

$$6 = 12 - 6$$

$$8 - 2 = 6$$

$$8 + 3 = 11$$

$$2 + 5 = 7$$

$$9 - 4 = 5$$

- 1) Qor magacyo kale oo ay tirada 7 leedahay.
- 2) Fasalka waxa dhigta 33 arday. Tirada h a b l a h a dhigta fasalka waa 15. Waa immisa tirada wiilashu ?

$$\begin{array}{r}
 35 = 30 + 5 \\
 - 23 = 20 + 3 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 30 = 30 + 0 = 20 + 10 \\
 - 24 = 20 + 4 = 20 + 4 \\
 \hline
 \end{array}$$

$$10 + 2 = 12 \quad \mathbf{0 + 6 = 6}$$

$$\begin{array}{r}
 465 = 400 + 0 + 5 = \\
 - 136 \quad 100 + 30 + 6 = \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 300 + 1005 + 5 = \\
 100 + 30 + 6 = \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 500 + 90 + 15 \\
 100 + 30 + 6 \\
 \hline
 \end{array}
 \quad
 100 + 60 + 9 = 169.$$

$$\begin{array}{r}
 45 \quad 50 \quad 40 \quad 375 \\
 - 34 \quad - 36 \quad - 20 \quad - 192 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 302 \quad 400 \quad 620 \quad 104 \\
 - 121 \quad - 230 \quad - 305 \quad - 92 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 3215 \quad 4601 \quad 1420 \\
 - 2163 \quad - 3501 \quad - 340 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 5063 \quad 7501 \quad 6400 \\
 - 2341 \quad - 4032 \quad - 3215 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 8003 \quad 4531 \quad 7003 \\
 - 6002 \quad - 2480 \quad - 4210 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 1450 \quad 6060 \quad 3005 \\
 - 304 \quad - 3215 \quad - 136 \\
 \hline
 \end{array}$$

Kalagoynta Lacagta

65 st.	43 st.	
— 20 st.	— 15 st.	
—	—	
45 st.	28 st.	
48 sh.	86 sh.	
— 25 sh.	— 38 sh.	
—	—	
23 sh.	48 sh.	
55 st.	65 st.	85 st.
— 35 st.	— 50 st.	— 73 st.
—	—	—
st.	st.	st.
40 st.	37 st.	55 st.
— 35 st.	— 28 st.	— 38 st.
—	—	—
st.	st.	st.
83 sh.	76 sh.	50 sh.
— 62 sh.	— 65 sh.	— 40 sh.
—	—	—
sh.	sh.	sh.
95 sh.	87 sh.	78 sh.
— 16 sh.	— 49 sh.	— 39 sh.
—	—	—
sh.	sh.	sh.

Kalagoynta Lacagta

35 senti waa 0.35 sh.		
43 senti waa — sh.		
— senti waa 0.50 sh.		
3 shilin iyo 40 senti waa 3.40 sh.		
— shilin iyo — senti waa 5.65 sh.		
6.35 sh.	4.55 sh.	
— 3.20 sh.	— 2.85 sh.	
—	—	—
3.15 sh.	1.70 sh.	
7.45 sh.	12.50 sh.	38.65 sh.
— 4.30 sh.	— 2.50 sh.	— 15.42 sh.
—	—	—
sh.	sh.	sh.
5.75 sh.	26.45 sh.	340.45 sh.
— 2.85 sh.	— 18.28 sh.	— 75.45 sh.
—	—	—
sh.	sh.	sh.

Xusuuso waxan soo aragnay ku dhufashada laba god.
 Waad soo saari kartaa taranka 16 iyo 23. Taas oo ah laba
 siyaabood.

Fiiri :

$$\begin{array}{r}
 23 = 20 + 3 \\
 \times 16 = 10 + 6 \\
 \hline
 120 + 18 \\
 200 + 30 \\
 \hline
 300 + 60 + 8 = 368
 \end{array}$$

$$\begin{array}{r}
 \text{ama } 23 \\
 \times 16 \\
 \hline
 + 138 = 16 \times 3 \\
 230 = 16 \times 20 \\
 \hline
 368 = 16 \times 23
 \end{array}$$

$$\begin{array}{ccccc}
 78 & 62 & 120 & 161 & 251 \\
 \times 12 & \times 23 & \times 33 & \times 43 & \times 19 \\
 \hline
 122 & 196 & 170 & 621 & 102 \\
 \times 66 & \times 51 & \times 50 & \times 54 & \times 77 \\
 \hline
 \end{array}$$

Hadda waxan rabnaa ku dhufashada saddex god.

Tusaale 1

Isku dhufo :

$$\begin{array}{r}
 413 \\
 \times 235 \\
 \hline
 \end{array}$$

Furfuris :

Si isla xirmayntii ah aan isugu dhufanno. Tirada
 235 u qor $200 + 30 + 5$. Saddexdaa biiro mid kasta ku
 dhufo 413.

$$\begin{array}{cccc}
 413 & 413 & 413 & 413 \\
 \times 200 & \times 30 & \times 5 & \times 235 \\
 \hline
 82600 & 12390 & 2065 & 2065 \\
 & 12390 + & & 82600 \\
 & \hline & & 97055
 \end{array}$$

Raadi taranka :

Tusaale 2

Isku dhufo :

$$\begin{array}{r}
 423 \\
 \times 214 \\
 \hline
 \end{array}$$

Furfuris :

$$\begin{array}{r}
 423 \\
 \times 214 \\
 \hline
 1692 = 423 \times 4 \\
 4230 = 423 \times 10 \\
 84600 = 423 \times 200
 \end{array}$$

$$\begin{array}{r}
 \text{Jawaab } 90522 = 423 \times 214
 \end{array}$$

Layli :

$$\begin{array}{r} 457 \\ \times 312 \\ \hline \end{array} \quad \begin{array}{r} 867 \\ \times 234 \\ \hline \end{array} \quad \begin{array}{r} 567 \\ \times 456 \\ \hline \end{array} \quad \begin{array}{r} 129 \\ \times 915 \\ \hline \end{array}$$

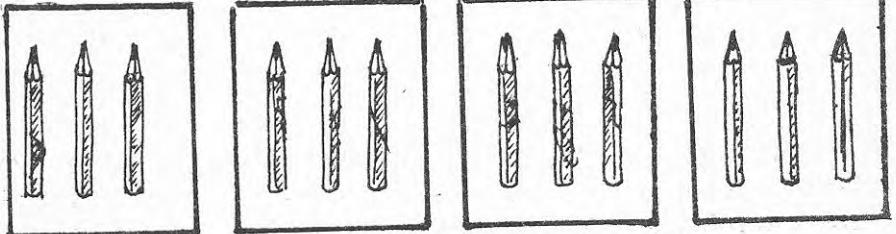
$$\begin{array}{r} 342 \\ \times 678 \\ \hline \end{array} \quad \begin{array}{r} 482 \\ \times 631 \\ \hline \end{array} \quad \begin{array}{r} 805 \\ \times 137 \\ \hline \end{array} \quad \begin{array}{r} 666 \\ \times 333 \\ \hline \end{array}$$

$$\begin{array}{r} 786 \\ \times 501 \\ \hline \end{array} \quad \begin{array}{r} 928 \\ \times 567 \\ \hline \end{array} \quad \begin{array}{r} 1905 \\ \times 397 \\ \hline \end{array} \quad \begin{array}{r} 1235 \\ \times 544 \\ \hline \end{array}$$

N A Q T I I N

- 1) 12 qalin baad haysataa. Immisaa meelood oo min saddex ah ayaa ku jirta ?

$$12 \div 3 = ?$$



Layli :

$$12 \div 3 = 4$$

- 1) Arday safan ayaa la doonayaa in saf walba uu 6 arday ka kooban yahay. Haddaba 24 arday immisa saf oo min 6 ah ayaad ka heli ?

- 2) Toban iyo siddeed geed ayaa la beerayaa. Immisaa saf oo min saddex ah bay noqon ?

- 3) Toban iyo shan riyood ayaa inamo loo qaybinayaa. Immisa inan ayaya riyuhu min saddex u gaarayaan ?

4) $16 \div 4 = ?$

5) $18 \div 9 = ?$

6) $10 \div 5 = ?$

7) $11 \div 11 = ?$

Marka qaybiyuu god ka badan yahay, qiyaas baynu ku wadeyna :

Sida :

$$\begin{array}{r} 2 \\ 12 \overline{) 36} \\ 24 \\ \hline 12 \end{array}$$

Ma aha qaybtii runta ahayd. Haddii haraagu ka weynado ama le'ekaado qaybsha weynu kordhinayna. Hadda waa in aynu kordhinaa. Waayo haraaga ayaa le'eg qaybshaha.

$$\begin{array}{r} 3 \\ 12 \overline{) 36} \\ 36 \\ \hline 00 \end{array}$$

Qaybta runta ahi waa 3.

T u s a a l e 2

$$\begin{array}{r} 4 \\ 12 \overline{) 48} \\ 48 \\ \hline 00 \end{array}$$

T u s a a l e 3

$$\begin{array}{r} 5 \\ 12 \overline{) 96} \\ 60 \\ \hline 36 \end{array}$$

Ma'aha qaybtii runta ahayd. Waayo?

$$\begin{array}{r} 6 \\ 12 \overline{) 96} \\ 72 \\ \hline 24 \\ 8 \\ \hline 6 \\ \hline 00 \end{array}$$

waa qaybtii runta ahayd jawaabtuna waa 8.

T u s a a l e 4

$$\begin{array}{r} 6 \\ b) \quad 12 \overline{) 87} \\ 72 \\ \hline 15 \\ 7 \\ \hline 8 \\ t) \quad 12 \overline{) 87} \\ 84 \\ \hline 3 \end{array}$$

haa jawaabtuna waa 7 iyo 3 haraa ah.

T u s a a l e 5

$$\begin{array}{r} 3 \\ 16 \overline{) 54} \\ 48 \\ \hline 6 \end{array}$$

L a y l i :

- | | | | |
|----|---------------|----|--------------|
| 1) | $24 \div 12$ | 2) | $67 \div 23$ |
| 3) | $675 \div 24$ | 4) | $81 \div 27$ |
| 5) | $69 \div 15$ | 6) | $94 \div 38$ |
| 7) | $86 \div 41$ | 8) | $66 \div 25$ |

Tusaale 1

$$\begin{array}{r} 8 \\ 17 \overline{) 124} \\ 126 \\ \hline \end{array}$$

ka weyn.

$$\begin{array}{r} 7 \\ 17 \overline{) 124} \\ 119 \\ \hline \end{array}$$

5 haraa

Tusaale 2

$$\begin{array}{r} 3 \\ 29 \overline{) 675} \\ 875 \\ \hline \end{array}$$

ka weyn.

$$\begin{array}{r} 24 \\ 29 \overline{) 675} \\ 58 \\ \hline \end{array}$$

95
116 ka weyn

$$\begin{array}{r} 23 \\ 29 \overline{) 675} \\ 58 \\ \hline \end{array}$$

95
87

8 haraa.

Tusaale 3

$$\begin{array}{r} 4 \\ 52 \overline{) 2869} \\ 208 \text{ aad ugu yar} \\ \hline \end{array}$$

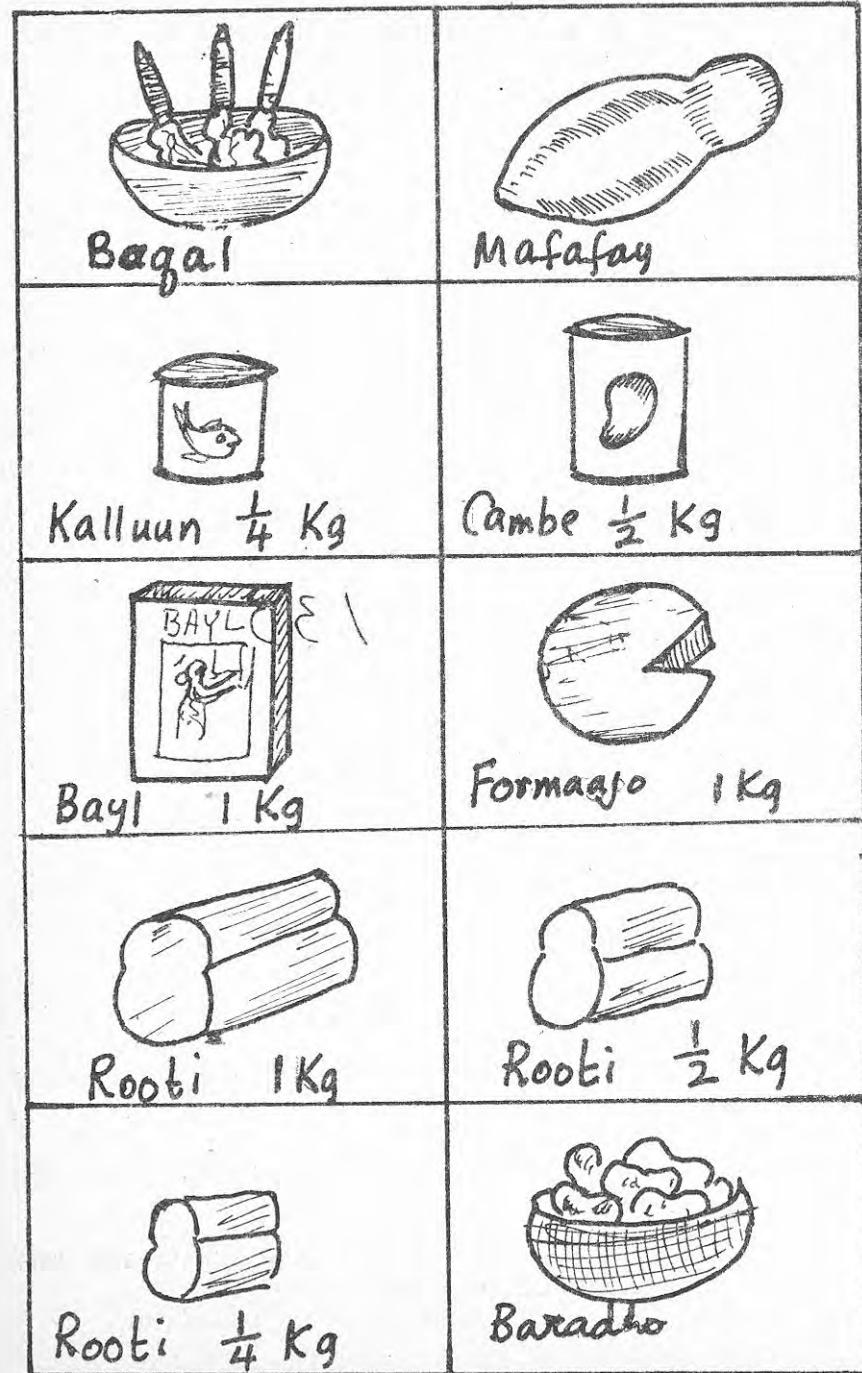
$$\begin{array}{r} 55 \\ 52 \overline{) 2869} \\ 260 \\ \hline \end{array}$$

269
260

9 haraa.

Layli :

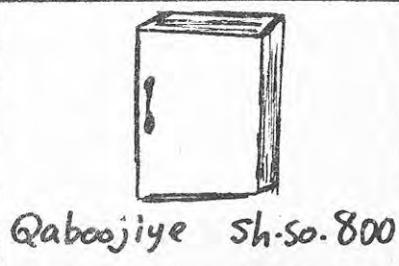
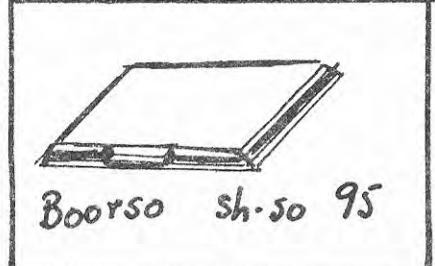
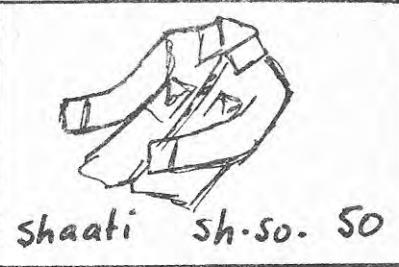
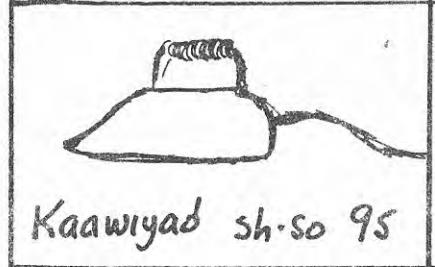
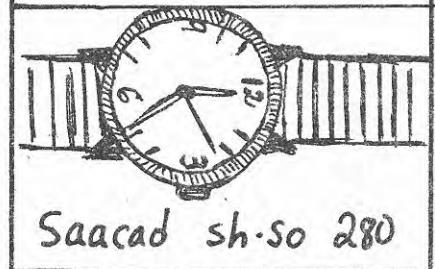
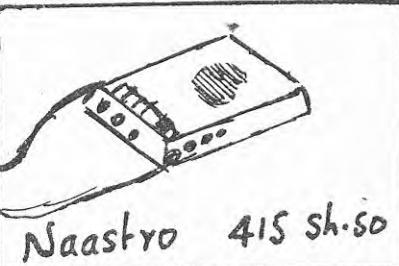
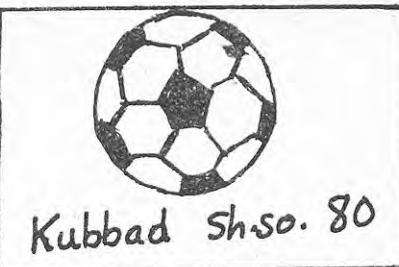
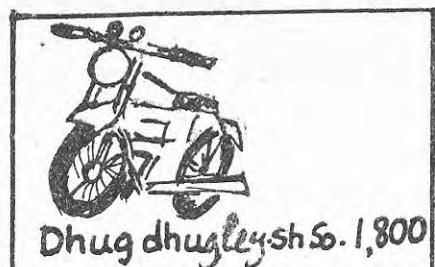
- | | |
|--------------------|--------------------|
| 1) $326 \div 13$ | 2) $126 \div 21$ |
| 3) $245 \div 18$ | 4) $389 \div 31$ |
| 5) $456 \div 43$ | 6) $309 \div 23$ |
| 7) $2635 \div 21$ | 8) $108 \div 15$ |
| 9) $4867 \div 73$ | 10) $1187 \div 22$ |
| 11) $6071 \div 20$ | 12) $9136 \div 65$ |



- 1) Rootiile baa wuxuu dubay 30 xabbo oo rooti ah oo
 $\frac{1}{min}$ 1 Kg. ah iyo 26 xabbo oo min $\frac{1}{Kg.}$ ah Waa
 $\frac{2}{maxay}$ dhammaan culayska rootiga la dubay ?
- 2) Sureer baa waxay soo gadday 1 Kg. oo farmaaja ah,
 $\frac{1}{-Kg.}$ burcad ah, $\frac{3}{-Kg.}$ oo sonkor ah, $\frac{1}{-Kg.}$ oo
 $\frac{2}{bariis}$ ah. Waa maxay culayska dhammaan alaabta
 ay Sureer soo gadday ?
- 3) ITOB waxay gasacyada cambaha oo $\frac{1}{-Kg.}$ ah u
 $\frac{2}{baakaysaa}$ 2 raso oo rasadiiba tahay 5 saf oo min
 6 gasac ah. Waa maxay dhammaan culayska baaka-
 kada ku jiraa ?
- 4) Warshadda kiimikada ee Soomaaliya waxay saa-
 $\frac{1}{buunta Bayl}$ ee u qardaaskii yahay $\frac{1}{-Kg.}$ u baaka-
 $\frac{2}{daysaa}$ 6 raso oo rasadiiba tahay 8 qardaas. Waa
 maxay dhammaan culayska baakada ku jiraa ?
- 5) Faarax baa wuxuu suuqa ka gatay $\frac{1}{2 - Kg.}$ oo ba-
 $\frac{1}{taato}$ ah, $\frac{1}{-Kg.}$ baqal ah, 2 Kg. oo mafafaay ah, iyo
 $\frac{2}{1 Kg.}$ oo hilib ah. Waa maxay dhammaan inta
 kiiroogaraam uu soo gatay ?

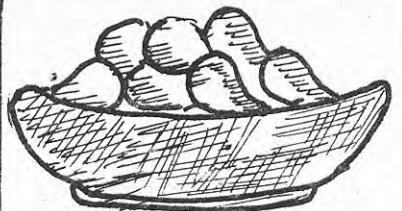
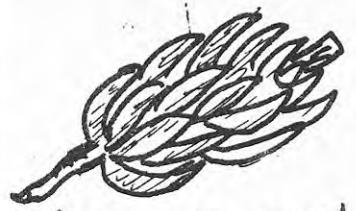
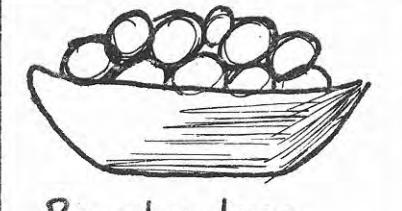
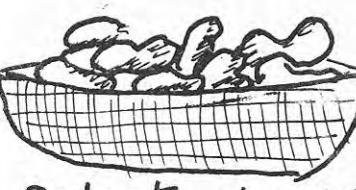
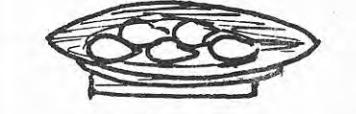
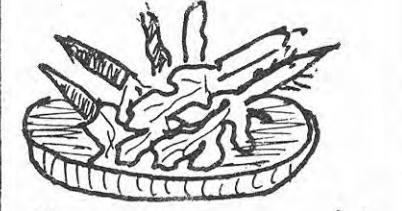
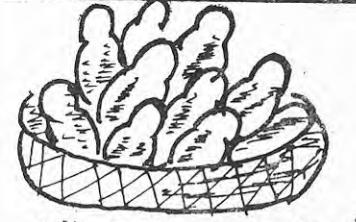
Sarrifaad Noodyo

- 1) Immisa noodyo 5 shilin ah ayaa lagu sarrifi nood
 20 shilin ah, nood 100 shilin ah ?
- 2) Noodyo kala jaad ah baa lagu sarrifi karaa 100 shi-
 lin oo nood ah. Matalan, waxa lagu sarrifi karaa
 afar 20 shilin iyo laba 10 shilin oo wada nood ah.
 Jawaabo kale soo saar.
- 3) Haddii Cali Sh. So. 200 ku haysto noodyo 5 shilin
 ah, Sh. So. 100 uu ku haysto noodyo 20 shilin ah,
 Sh. So. 100 uu ku haysta noodyo 10 shilin ah, markaa
 immisa weeye tirada noodyada Cali haysto ?
- 4) Haddii arday waliba ee fasalkani 5 shilin oo nood
 ah iska wax u qabso dugsiga ugu keeno, markaa waa
 maxay tirada noodyada ugu yar ee lacagtaasi no-
 qon ?
- 5) Warfaa wuxuu haystaa lacag wada noodyo ah oo
 kala ah laba 5 shilin, saddex 20 shilin iyo afar 10
 shilin. Jimcaale wuxuu haystaa lacag iyana wada
 noodyo ah oo kala ah lix 5 shilin, afar 20 shilin iyo
 laba 10 shilin. Warfaa iyo Jimcaale mid waliba
 waa immisaa lacagiis ? Keebaa lacag badan, im-
 misuuse dheer yahay ka kale ?



- 1) Jaalle Kaahin baa wuxuu soo gatay hal boorso, hal saacad, hal mooto. Waa immisa lacagta Kaahin ka baxday ?
- 2) Sugaal baa markii uu imtixaankii sannadka gudbay aabihii u gaday baaskiil, saacad, boorso iyo kubbad. Waa immisaa lacagta Sugaal abaal gudka loo siiyay?
- 3) Haddii Xuseen oo Sh So. 1,000 haystay gato saacad, naastaro iyo kubbad, markaa intee uga soo haraysa kunkiisii shilin ?
- 4) Alaabta kor ku sawiran, qor kuwaad ugu jeceshahay iyo sabata aad u jeceshahay.

Immisa weeye lacagta aad u baahan tahay ?

	
Cambe 20 senti Xabbadii	Muus 50 senti Kiiladii
	
Bumbaylmo Sh. so. 1 Kilogramkii	Bataato Sh. so. 1.50 Kilogaraamkii
	
Yicib 40 senti Kilogaraamkii	UKUN 20 senti Xabbadii
	
Bagal 50 senti Kilogaraamkii	Mafafaay 80 senti Kilograamkii

1) Waa immisaa qiimaha wadareed ee 1 Kg. oo baqal ah, 15 xabbo oo ukun ah, 3 Kg. oo bumbaylmo ah, iyo 6 xabbo oo cambe ah ?

2) Waa immisaa qiimaha wadareed ee $2 \frac{1}{2}$ Kg. oo ba-

taato ah, $\frac{1}{2}$ Kg. muus ah iyo $\frac{1}{4}$ Kg. oo mafafaay ah ?

3) Waa immisaa qiimaha wadareed ee 5 xabbo oo ukun ah, $1\frac{1}{2}$ oo bumbaylmo ah, 3 xabbo oo cambe ah iyo

$\frac{1}{4}$ Kg. oo yicib ah ?

4) Waa intee sarriifka kaaga haraya Sh. So. 10 haddii aad gadato $\frac{1}{4}$ Kg. bataato ah, 15 xabbo oo muus

ah, $1\frac{1}{2}$ Kg. yicib ah, $\frac{1}{4}$ Kg. mafafaay ah, iyo 4 cambe ?

5) Waa intee sarriifka kaaga harayaa Sh. So. 20 haddii aad gadato 4 Kg. oo bataato ah, 5 Kg. oo bumbaylmo ah, 1 Kg. oo baqal ah, iyo 30 cambe ?

AMMIN TUSAHA SANNAD :

Tirada Maalmaha Bisha :

- 1) Jannaayo waa 31 maalmood.
- 2) Febraayo waa 28 maalmood (ama 29 maalmood).
- 3) Maarso waa 31 maalmood.
- 4) Abriil waa 30 maalmood.
- 5) Maajo waa 31 maalmood.
- 6) Juun waa 30 maalmood.
- 7) Luulyo waa 31 maalmood.
- 8) Ogosto waa 31 maalmood.
- 9) Sebtembar waa 30 maalmood.
- 10) Oktoobar waa 31 maalmood.
- 11) Noofambar waa 30 maalmood.
- 12) Diisambar waa 31 maalmood.

Tirada maalmaha sannadka ku jiraa waa 365 ama waa 366 maalmood marka ay Febraayo tahay 29, taasoo dhacda 4 sanoba mar. Sannadka ay Febraayo tahay 29 waxa la yiraa sannad boode. Sannadyada 1976, 1980 waa sannad boodeyaal.

Taariikh Qoridda

21 Oktoobar, 1975ta wuxuu loo soo gaabiyaa 21-10-75 (waayo Oktoobar waa bisha 10aad) sidoo kale 1da luulyo, 1960kii wuxuu loo soo gaabiyaa 1-7-60.

Layli :

- 1) Taariikhda maanta u qor sansaan gaaban.
- 2) U qor taariikhaha soo socda sansaan gaaban.
 - b) 26da Noofambar, 1974
 - t) 26da Juun, 1960
 - j) 5ta Luulyo, 1974
 - x) 9ka Agoosto, 1941
 - kh) 15ta Maajo, 1945
- 3) U qor taariikhaha soo socda fidsan.
 - b) 1-4-78
 - x) 16-7-80
 - t) 2-8-65
 - kh) 11-11-11
 - j) 6-11-68
 - d) 4-6-75
- 4) Qor taariikhaha ku aaddantibaaxaha (hadallada) soo socda :
 - b) Taariikhdi aad dhalatay,
 - t) Maalintii shaqaalaha ee sannadkan,
 - j) Taariikhdi uu kacaanku curtay,
 - x) Maalintii hooyooinka ee sannadkan,
 - kh) Taariikhdi qorista af Soomaaliga la hirgaliyey.

Jannaayo

Jimce		3	10	17	24	31
Sabti		4	11	18	25	
Axad		5	12	19	26	
Isniin		6	13	20	27	
Talaada		7	14	21	28	
Arbaca	1	8	15	22	29	
Khamiis	2	9	16	23	30	

Febraayo

Jimce		7	14	21	28
Sabti	1	8	15	22	
Axad	2	9	16	23	
Isniin	3	10	17	24	
Talaada	4	11	18	25	
Arbaca	5	12	19	26	
Khamiis	6	13	20	27	

1) Adoo isticmaalaya ammin tusaha sare, qor taariikhaha soo socda :

- b) Dhammaan Jimcayaasha ku jira Febraayo.
- t) Dhammaan Axadaha ku jira Jannaayo.
- j) Dhammaan Arbacooyinka Febraayo iyo kuwa ku jira Jannaayo.

2) Yaa badan sabtiyaasha ku jira Jannaayo iyo kuwa ku jira Febraayo ?

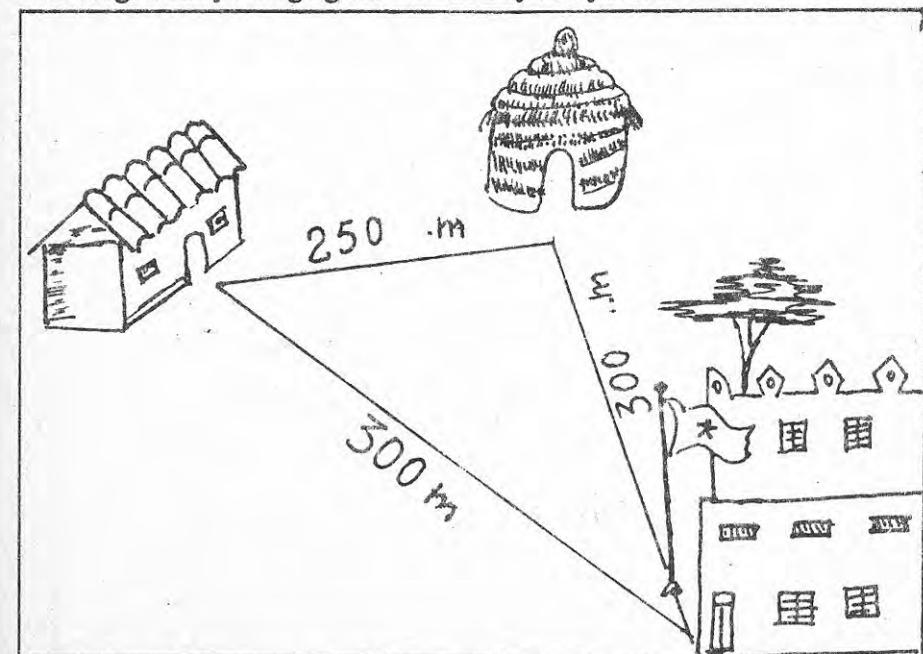
3) Waa maxay taariikhdu

- b) 2 toddobaad ka dib, 5ta Jannaayo;
- t) 5 maalmood ka dib, 11ka Febraayo;
- j) 4 maalmood ka hor, 8 Jannaayo.

4) Samee ammin tusaha Maarsa, ee sannadkan.

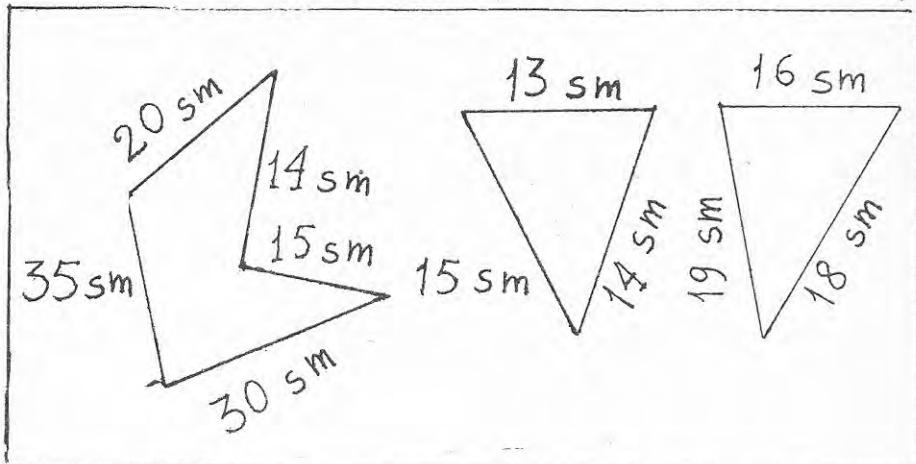
Tusaale :

Cali baa 250 mitir u kala socday gurigooda iyo ka saaxiibkii. Dabadeedna, guriga saaxiibkii iyo dugsigiisa ayuu 30m u kala socday. Dabadeedna, gurigoodii buu ku soo noqday. Gurigooda iyo dugsiguna 350m bay isu jiraan.

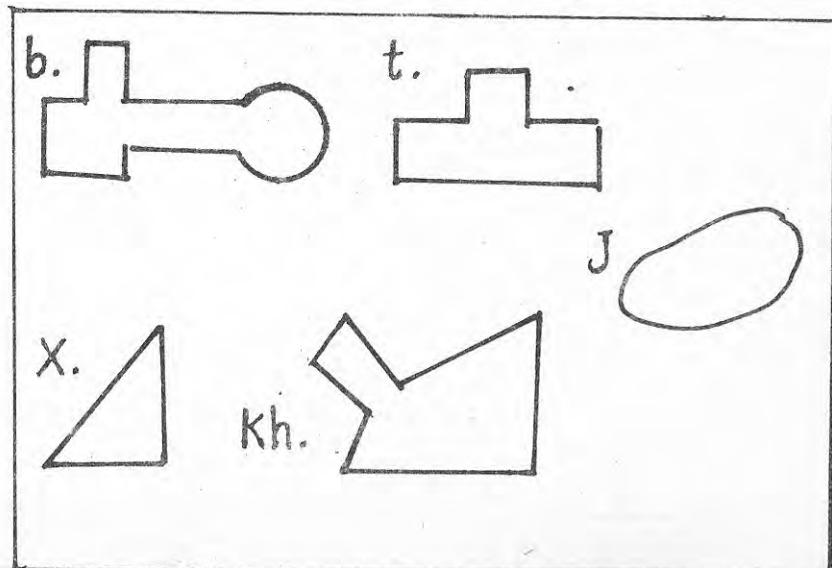


Meeqa mitir bay dhan tahay intuu socday? Wuxuu socday $250m + 300m + 350m = 900$ mitir.

- 1) Raadi wareegyada shaxannadan.



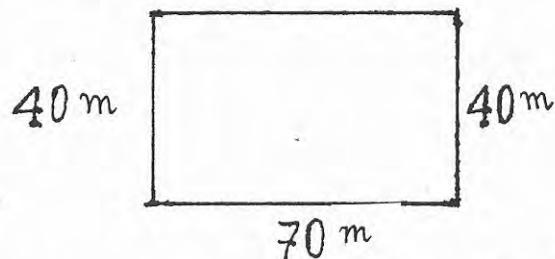
- 2) Marka aanla inna siincabbiraadda shaxan dhinacyadii, waxaynu isticmaali karnaa dun ama xarig. Duntaa baynu shaxanka dhinacyadiisa saari. Dabadeedna dunta ayaynu mastarad ku cabbiri. Sidaas yeel, oo raadi shaxannadan wareegyadooda.



Layli :

- 1) Beer laydi ah ayuu Xirsi ku wareegay. Sidan bay u ekayd beertu.

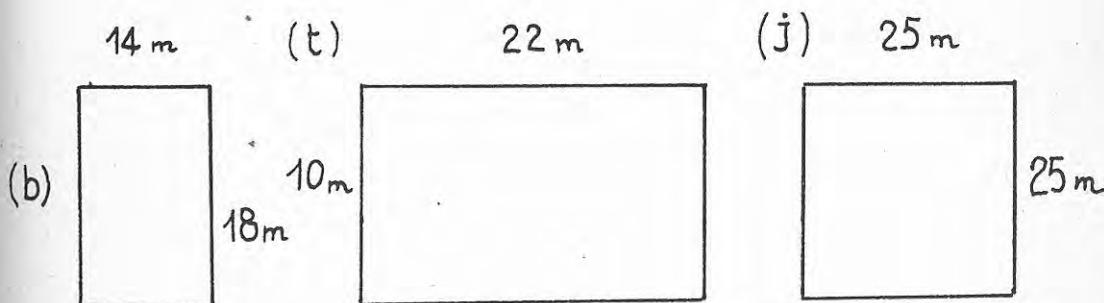
70 m



Intee bay dhan tahay intuu socday? Saaxiibkii, Cawaale, sidan buu u soo saaray wareegga beerata:

$$70m + 40m + 70m + 40m = ? \text{ m.}$$

- 2) Tabtii Cawaale raac oo raadi wareegyada laydiyan.



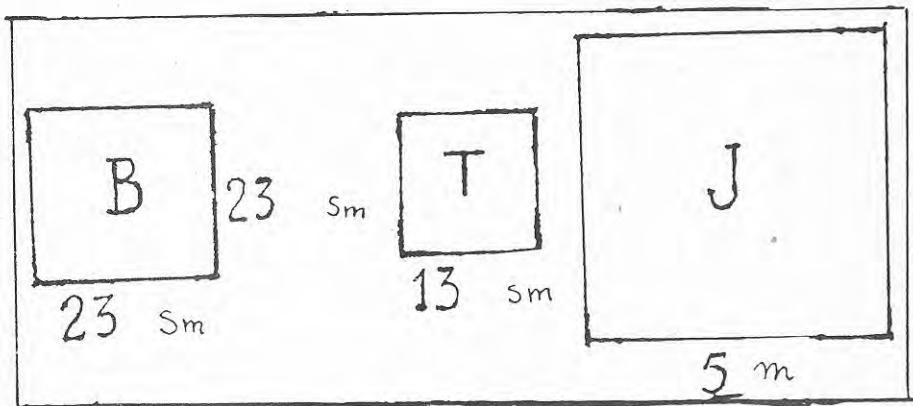
Laydigaa masalada koowaad si kale oo aad u hesho wareeggiisa ma ka fikirtay. Cismaan iyo Maxamed oo Xirsi ay saaxiib yihiin, sidan bay laydigaa wareeggiisa u heleen:

$$\text{Tabtii Cismaan : } 2(70m + 40m) = 2 \times ? \text{ m} = \underline{\quad \quad \quad} \text{ m.}$$

$$\text{Tabtii Maxamed : } (2 \times 70m) + (2 \times 40m) = ? \text{ m} + ? \text{ m} = \underline{\quad \quad \quad} \text{ m.}$$

- 3) Tabtii Cismaan raac oo raadi wareegyada laydiyada
2b iyo 2t ee sare.
- 4) Tabtii Maxamed raac oo raadi wareegyada laydiya
da 2t iyo 2j ee sare.
- 5) Tabtii aad doonto raac, oo raadi wareegga laydiyada
dhinacyadooda ay kala yihiin :
- b) 12m iyo 9m (t) 35m iyo 24m
j) 17sm iyo 15sm (x) 89sm iyo 65sm.

Casharkii hore waxa innagu soo maray dhawr tabo-
od oo lagu raadsho wareegga laydi. Labajibbaaran-
waa laydi afartiisa dhinac isle'eg yihiin.



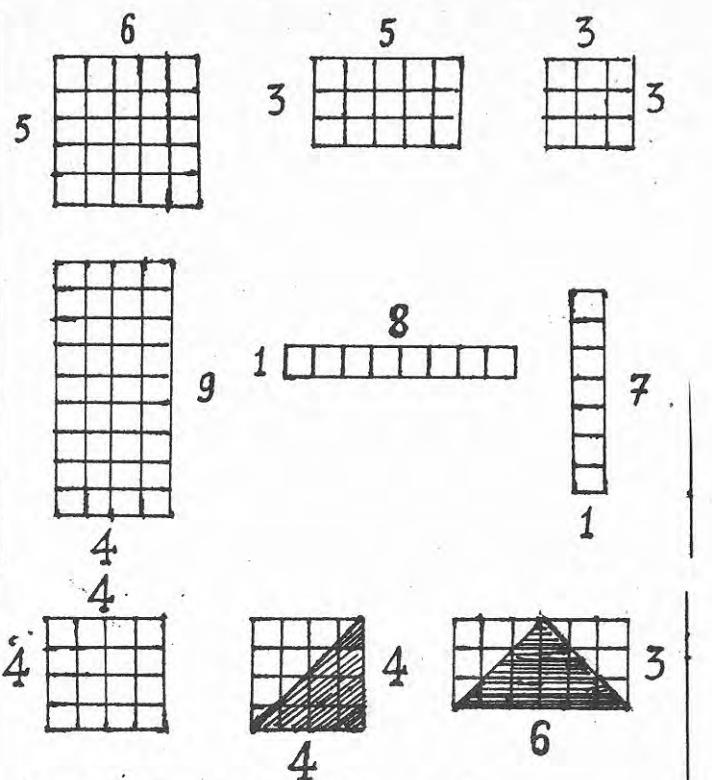
- 1) Haddii aynu tabtii Cawaale raacno si aynu u helno
wareegga labajibbaaranaha B, shaqadeenu sidan
bay u ekaan :
 $23\text{sm} + 23\text{sm} + 23\text{sm} + 23\text{sm} = \text{--- sm}$.

Waa intee wareeggu ?

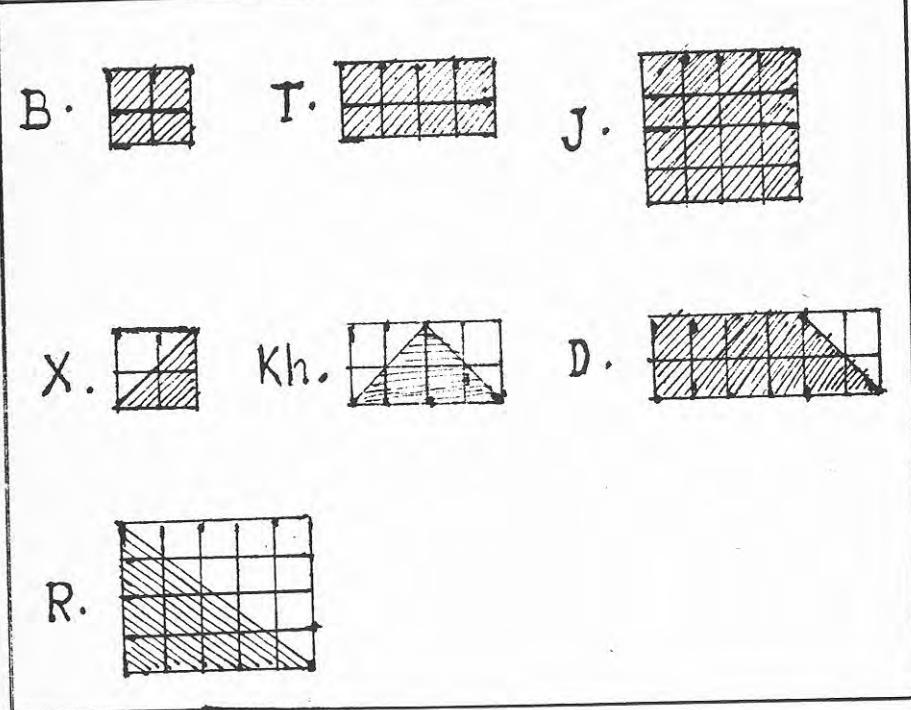
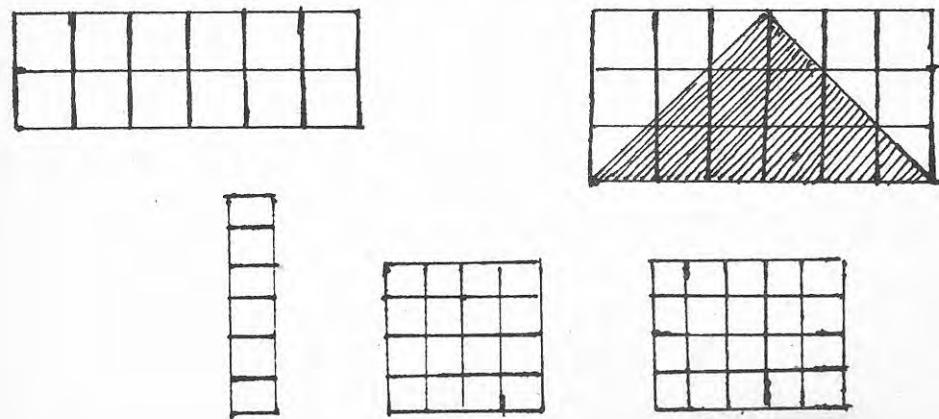
- 2) Adigoo isla tabtaa raacaya, raadi wareegga labajib-
baaranaha T.

- 3) Haddii aynu tabtii Cismaan raacno si aynu u helno
wareegga labajibbaaranaha B, waxaynu heli :
 $2 (23\text{sm} + 23\text{sm}) = 2 \times ? \text{m} = \text{--- m}$.
Waa intee wareeggu ?
- 4) Tabtii Cismaan adeegso, oo raadi wareegga labajib-
baaranayaasha T iyo J.
- 5) Haddii aynu doonno, wareegga B sidan baynu u
raadin : Waa afar dhinac oo min 23sm ah markaa
wareeggiisu waa $4 \times 23\text{sm} = \text{--- sm}$.
- 6) Tabtan dambe raac, oo raadi wareegga labajibbaa-
ranayaasha T iyo J.
- 7) Tabtii aad doonto raac, oo raadi wareegyada lajibba-
aranayaasha dhinacyadoodu kala yihiin :
- b) 6sm (t) 16sm (j) 28sm
x) 34m (kh) 425m (d) 689m.

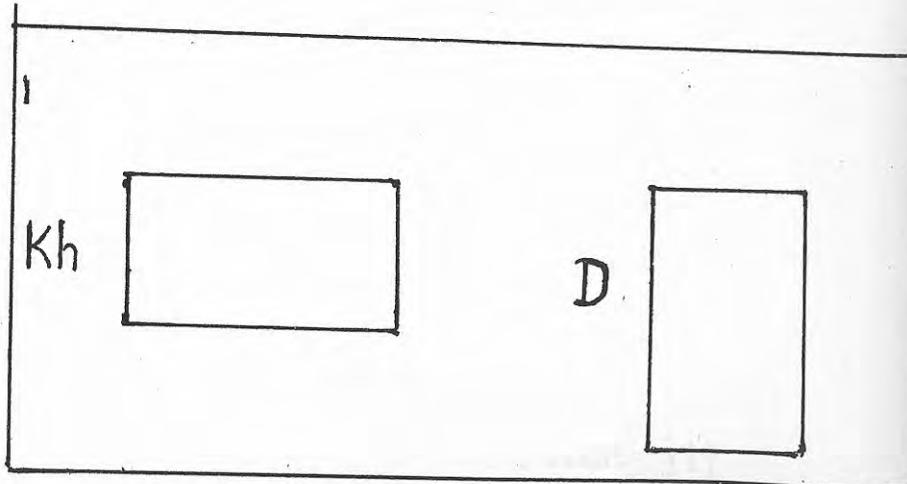
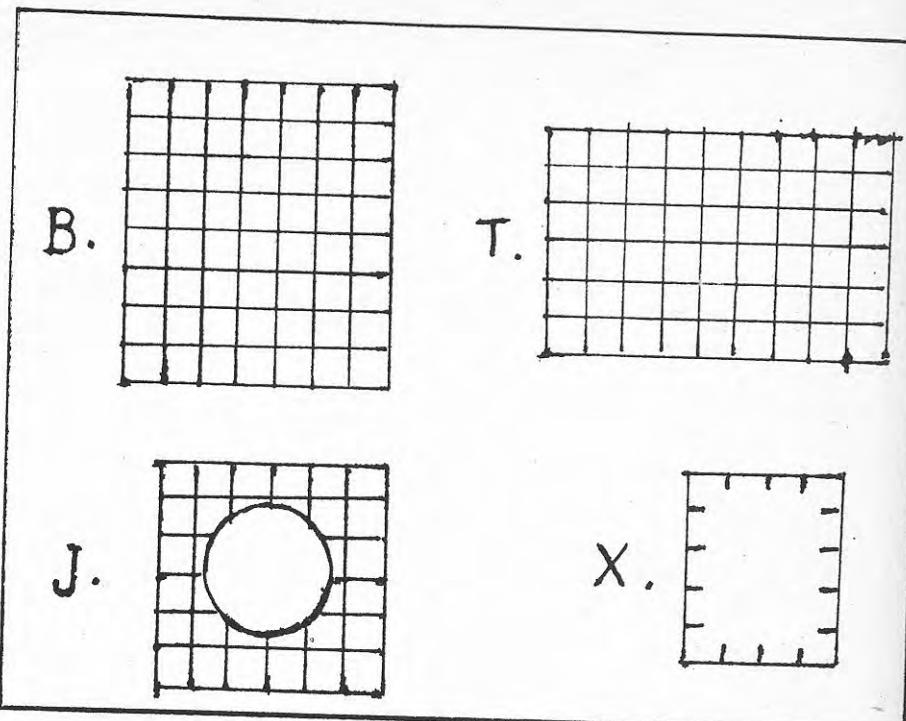
1) Immisa labajibbaarane ayaa ku jira ?



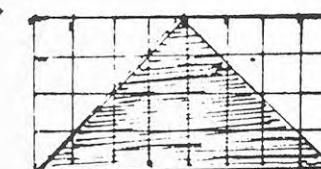
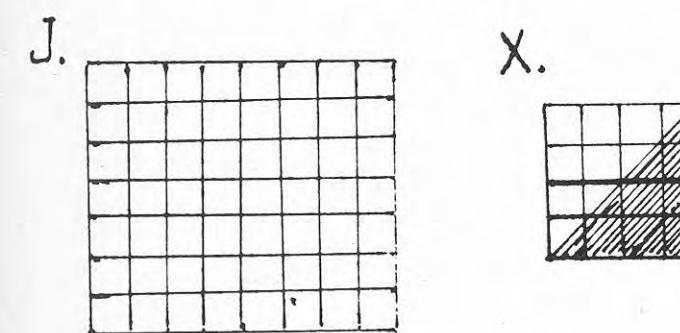
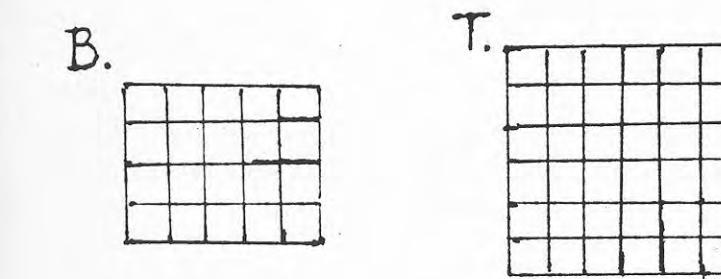
2) Waa immisa labajibbaarane ?



- b) Immisa labajibbaarane ayaa ku jira shaxan walba,
- t) Shaxannadee baa laydiyo ah ?
- j) Shaxannadee baa labajibbaaranayaal ah ?
- x) Cabbir dhinacyada laydiyada :



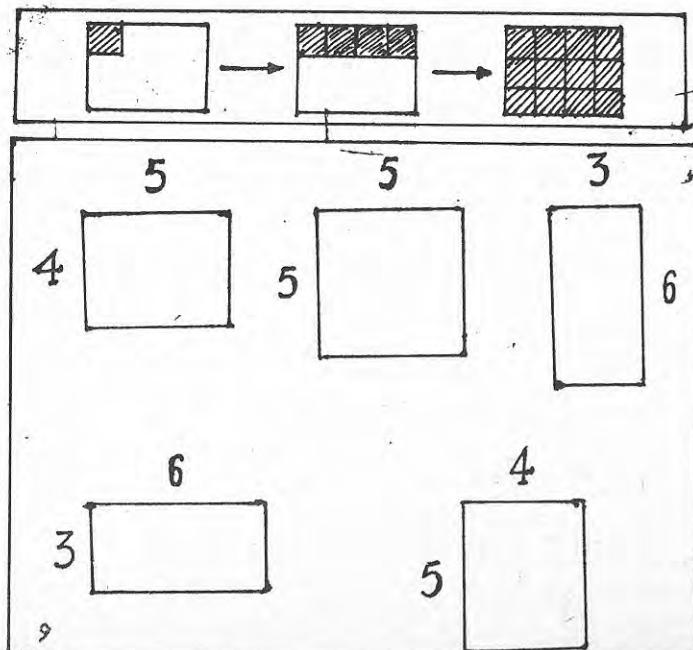
Raadi tirada sentimitirrada labajibbaaran ee shaxannadan
ku kala jirta.



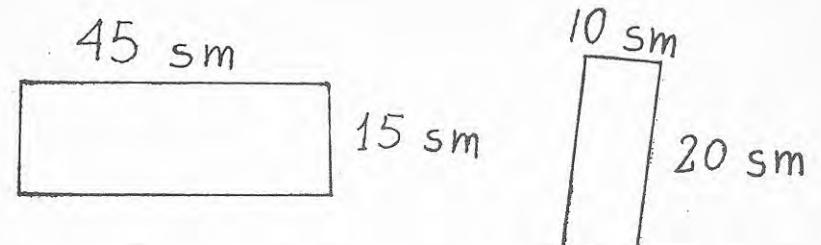
Waxaynu rabnaa in aynu laydigan raadinno bedkiisa. Waxaynu laydiga ku daaari sentimitirro labajibbaaran. Haddii uu dhererku yahay 4 sm, sentimitirro labajibbaaran ayaynu saf saf u dhigi. Markaa safka jiifka waxa ku jira 4 sentimitir oo labajibbaaran, laba waxa ku jira 8 sentimitir oo labajibbaaran, sadex safna waxa ku jira 12 sentimitir oo labajibbaaran.

3 saf oo min 4 labajibbaar ah ama $3 \times 4 = 12$ labajibbaar. Bedku = $3 \text{ sm} \times 4 \text{ sm} = 12 \text{ sm}^2$ (sentimitirro labajibbaaran).

Shaxannada hoos ku yaal bededkooda ku raadi sentimitirro labajibbaaran.



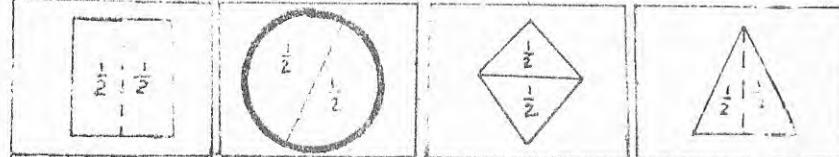
- 1) Raadi bedeka shaxannadan.



- 2) Bog buug baa dhererkisu yahay 22sm, ballaciisuna yahay 16sm. Waa intee bedkiisu ?
- 3) Fasal baa dhererka sagxaddiisu 15m yahay, ballaceeduna yahay 10 mitir. Raadi bedkiisa.
- 4) Garoon kubbadeed ayaa dhererkisu yahay 90m, ballaciisuna yahay 40m. Waa intee bedkiisu ?
- 5) Beer baa ballaceedu yahay 120m, dhererkeeduna yahay 150m. Raadi bedkeeda.
- 6) Waa intee bedka labajibbaarane dhererka dhinacisu yahay 12sm ?
- 7) Raadi bedka laydi dhererkisu yahay 31sm, ballaciisuna yahay 23sm.

$$\frac{1}{2} = \text{Hal Badhkii}$$

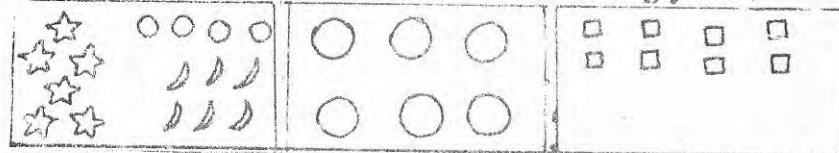
Haddii alaab laga dhigo laba meelood oo isle'eg meeshii waliba waa badh.



Shaxan walba waxa laga dhigay laba badh.

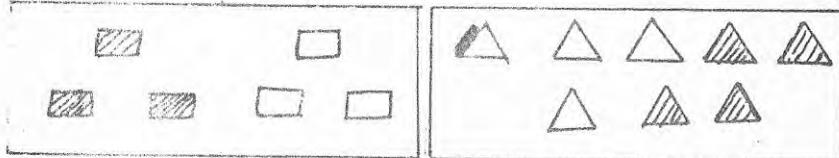
Sawir layd., goobo iyo saddexagal. Mid kasta laba isle'eg ka dhig.

Haddii koox la kala badho waxa samaysma laba kooxood. Tirooyinkan ku jira labada kooxood waa isle'eg yihiin.



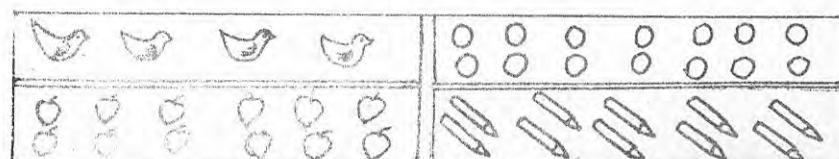
Furu, kooxdan hoose ee laydiyada ah. Badh baa haraysan. Waa immisa inta haraysani ?

$$\begin{array}{l} 1 \\ - da 8 \text{ waa immisa ?} \\ 2 \end{array}$$



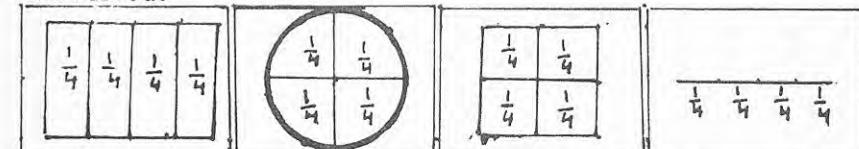
Layli :

Koox kasta ka dhig laba isle'eg. Koox kasta badhkeed unmisaa ku jirta ?



$$\frac{1}{4} = \text{Hal — Afreed}$$

Haddii wax laga dhigo afar meelood oo isle'eg meeshiiba waa afreed.

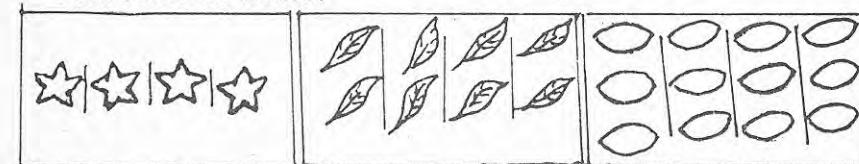


Shaxan walba waxa laga dhigay afar isle'eg.

Sawir laydi iyo goobo. Midba afar isle'eg ka dhig, oo haree hal — afreed.

Haddii koox laga dhigo afreedo, waxa samaysma afar kooxood. Tirooyinka afarta kooxood waa isle'eg yihiin.

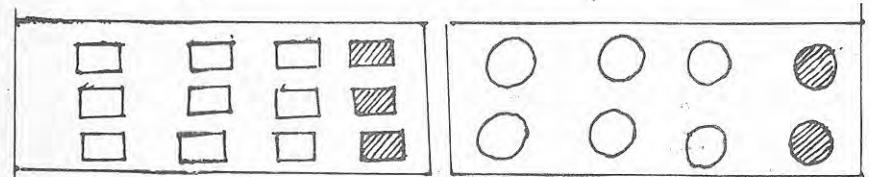
Fiiri kuwan hoose.



Kooxdan gooboyinka ah halafreed baa har leh. Waxa

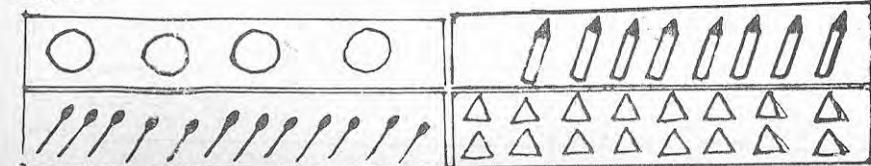
$$\begin{array}{l} 1 \\ - \text{har leh } 2. \\ 2 \\ - \text{ka } 8 \text{ waa } 2. \\ 4 \end{array}$$

Kooxdan 12 laydi ah waxa
1
har leh 3. — ka 12 waa immi-
4
sa ?



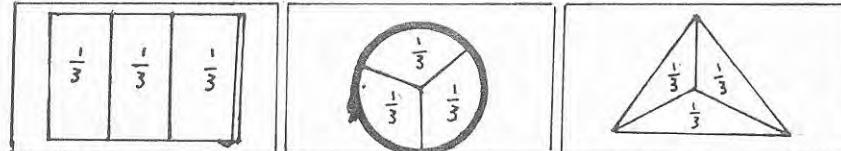
Layli :

Koox kasta hal-afreed haree. Immisaad haraysay kooxdiiiba ?



$$\frac{1}{3} = \text{Hal} - \text{Saddeexed.}$$

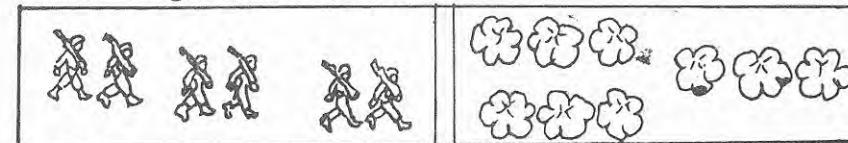
Haddii wax laga dhigo saddex meelood oo isle'eg, meeshii waliba waa saddexeed.



Shaxan walba waxa laga dhigay saddex isle'eg.

Sawir laydi iyo goobo. Mid kasta saddex isle'eg ka dhig oo haree hal — saddexeed.

Haddii koox laga dhigo saddexeed, waxa samaysma saddex kooxood. Tirooyinka saddexda kooxood waa isle'eg yihiiin. Eeg shaxanka hoose.

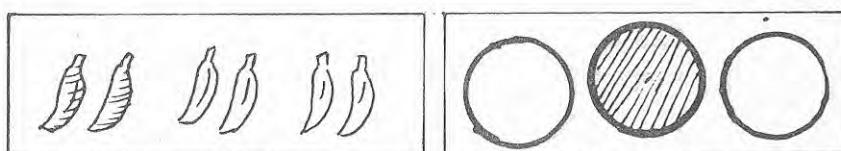


Kooxdan muuska ah ee hoose saddex kooxood baa laga dhi-

$\frac{1}{3}$ gay. — ka 6 waa 2.

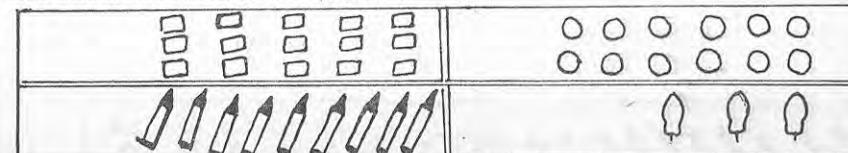
Kooxdan kubbadaha ahi waa immisa ?

Waa immisa meeshiiba haddii saddex meelood oo isle'eg loo qaybiyo. — ka 3 waa Im-
misa ?



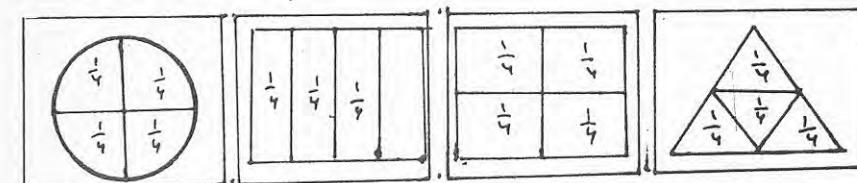
Layli :

Koox kasta saddex isle'eg ka dhig. Immisaa ku jirta hal-saddexeedka koox kasta ?



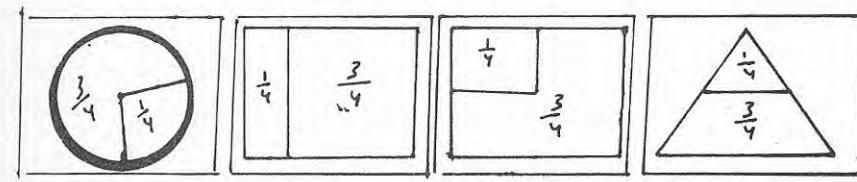
$$\frac{3}{4} = \text{Saddex} - \text{Afreed}$$

Haddii wax laga dhigo afar meelood oo isle'eg meeshii waliba waa afreed.



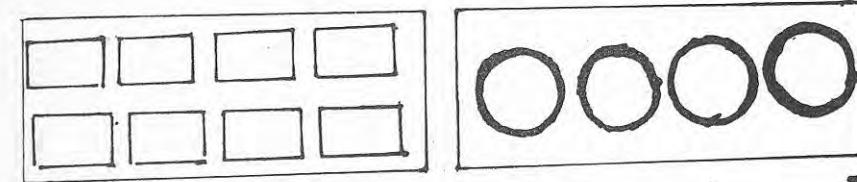
Saddex ka mid ah afartaa meelood waa saddex afreed

$$\frac{3}{4}$$



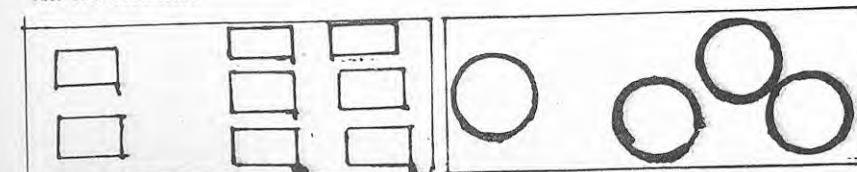
Sawir goobo iyo labajibbaarane. Mid walba haree $\frac{3}{4}$.

Haddii koox laga dhigo afreesso, waxa samaysma afar kooxood oo istira le'eg.



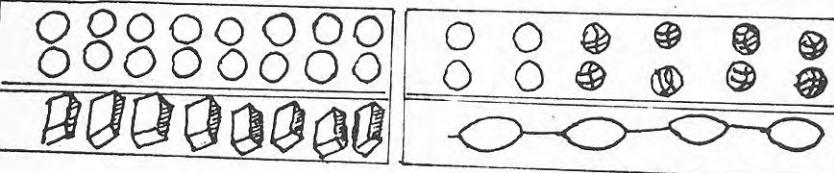
Saddex ka mid ah afarta kooxood ee samaysma waa $\frac{3}{4}$

ka kooxdan.



Layli :

3
Koox kasta — haree. Immisaad haraysay ?
4



SARREEYE IYO HOOSEEYE



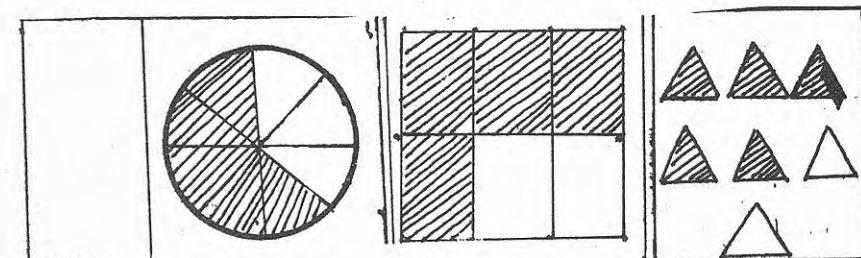
Kooxdan goobooyinka ah $\frac{2}{3}$ baa ha-



raysan : 2 waa tirada inta haraysan
3 waa tirada kooxdoo dhan.



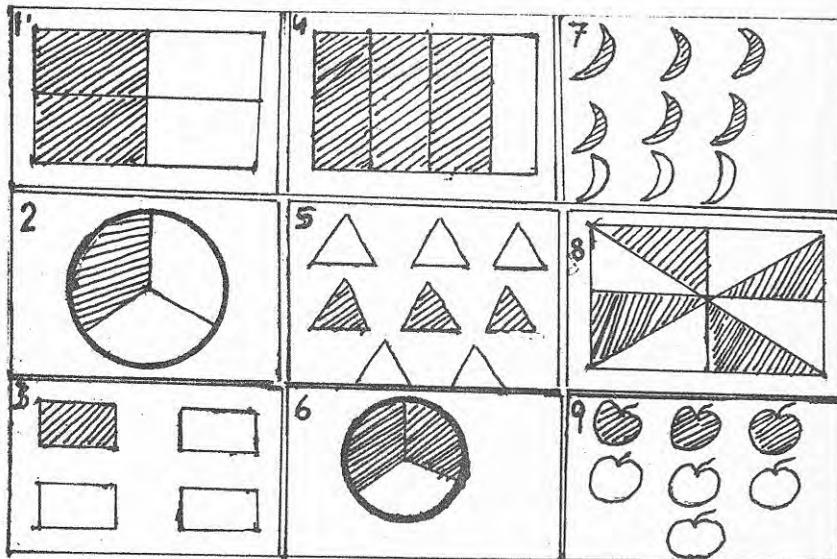
Jabjabka $\frac{2}{3}$; 2 waa sarreeye, 3 na
waaooseeye.



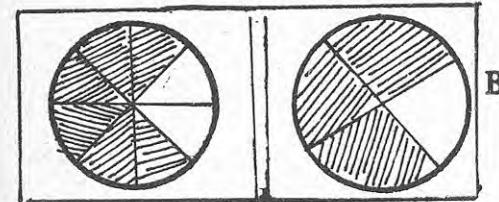
Sarreeye	5	4	5
Hooseeye	8	6	7
Jabjab	5	4	5

Layli :

Shaxan walba, qor sarreeyaha iyo hooseeyaha jabjabka haraysan, sida tusaha sare.



SANSAANKA UGU FUDUD :

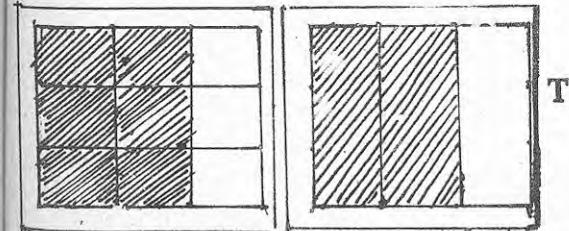


$$B) \quad \frac{9}{12} = \frac{9 \div 3}{12 \div 3} = \frac{3}{4}$$

Shaxanka sare labada goobo inta haraysani waa isle'eg
 $\frac{9}{9}$ $\frac{3}{3}$
 tahay. Wuxaan og nahay in $\frac{12}{12}$ u dhiganto $\frac{4}{4}$. Haddaba-

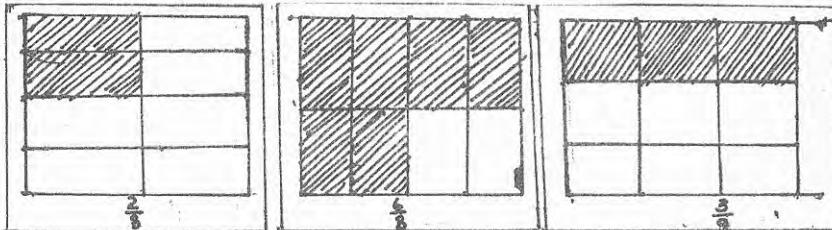
jabjabka $\frac{3}{4}$ waa sansaanka ugu fudud ee $\frac{6}{8}$.

Sida lagu helaana $\frac{3}{4}$ waa: Sarreeyaha iyo Hooseeyaha oo
 $\frac{4}{4}$ tiro kaliya loo qaybiyey. Shaxanka hoosena waa sidoo kale.



$$T) \quad \frac{6}{9} = \frac{6 \div 3}{9 \div 3} = \frac{2}{3}$$

Jabjab waxa la fududayn karaa marka tiro loo qaybin karo sarreeyaha iyo hooseeyahaba. Sansaanka ugu fudud ee jabjab waa marka aanay jirin tiro loo qaybin karo sarreeyaha iyo hooseeyaha. Jabjabyada shaxannadan u taagan u qor sansaanka ugu fudud.



Layli :

- 1) Sidee lagu helay sansaanka ugu fudud ee jabjab kas-

$$\text{ta ku ag qoran B)} \frac{8}{12}, \frac{2}{3} \quad \text{T)} \frac{6}{10}, \frac{3}{5} \quad \text{J)} \frac{9}{12}, \frac{3}{4}$$

$$\text{X)} \frac{2}{8}, \frac{1}{4}$$

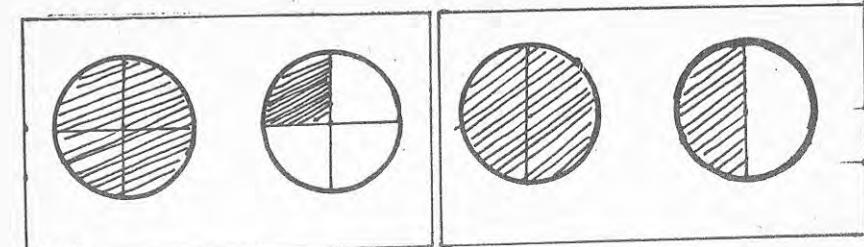
- 2) Qor jabjabka sansaanka ugu fudud ah.

$$\text{B)} \frac{3}{6}, \frac{1}{2} \quad \text{T)} \frac{2}{8}, \frac{1}{4}, \frac{4}{10} \quad \text{J)} \frac{2}{3}, \frac{4}{6}, \frac{8}{12}$$

- 3) Jabjabyadan u rog sansaanka ugu fudud.

$$\text{B)} \frac{2}{4} \quad \text{T)} \frac{10}{12} \quad \text{J)} \frac{6}{8} \quad \text{X)} \frac{8}{8}$$

TIRO DHAFAN IYO JABJAB MAQUMMANE

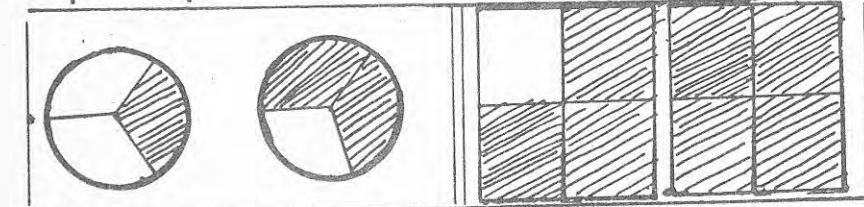


Inta haraysani waa :

$$1 - \frac{3}{4}$$

Inta haraysani waa :

$$1 - \frac{1}{2}$$



Inta haraysani waa :

$$1 - \frac{3}{4}$$

Inta haraysani waa ? ama ?

Tirooyinka $1\frac{1}{4}, 1\frac{3}{4}, 1\frac{1}{3}$ iwm. waxa la yiraad tiro dhafan.

jabjabka sida $\frac{5}{4}, \frac{3}{2}, \frac{7}{4}, \frac{5}{3}, \frac{4}{4}$ iwm. waxa la yiraad jabjab maqummane.

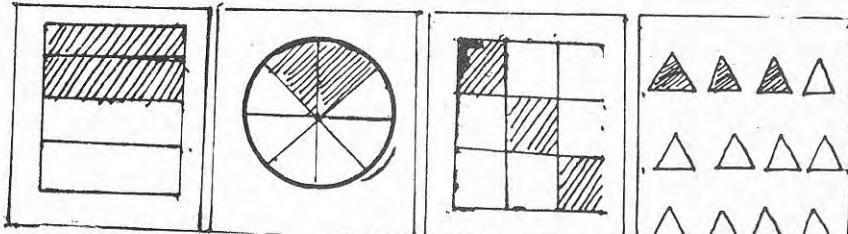
Layli :

1) Sawir shaxanno tusaya jabjab maqummanayaasha.

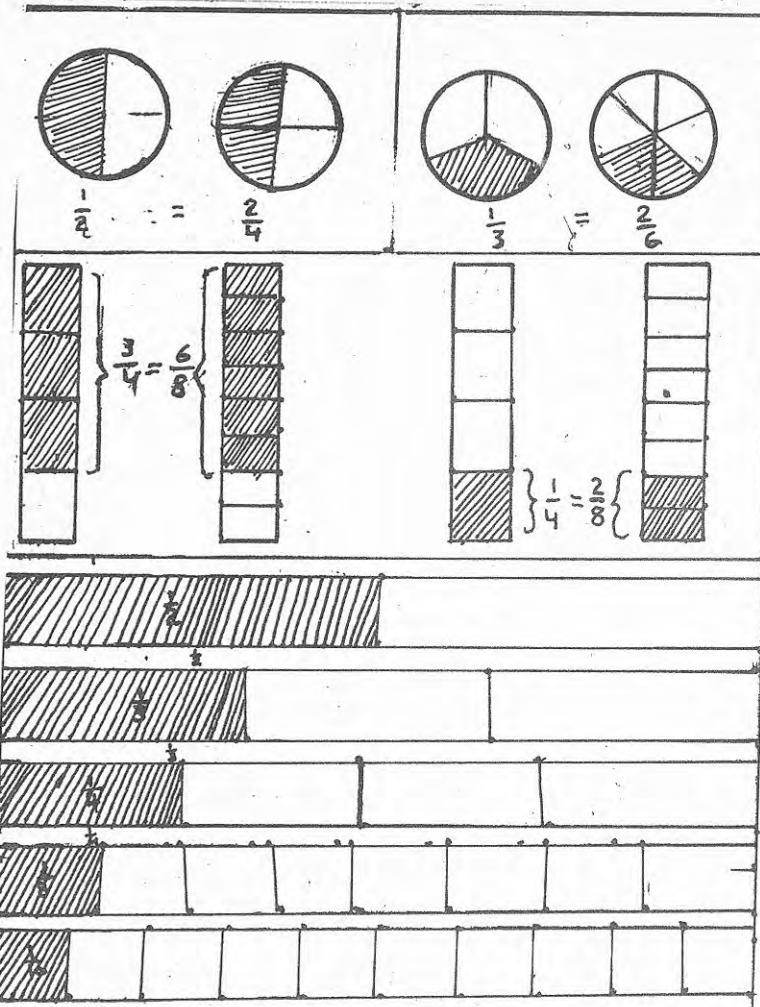
$$B) \frac{4}{3} \quad T) \frac{5}{3} \quad J) \frac{6}{4} \quad X) \frac{5}{4} \quad Kh) \frac{3}{2}$$

2) Jabjabyada sare u rog tiro dhafan mid kasta.

3) Laba siyood u qor shaxannadan inta haraysan.



JABJABYO ISU DHIGAN



Layli :

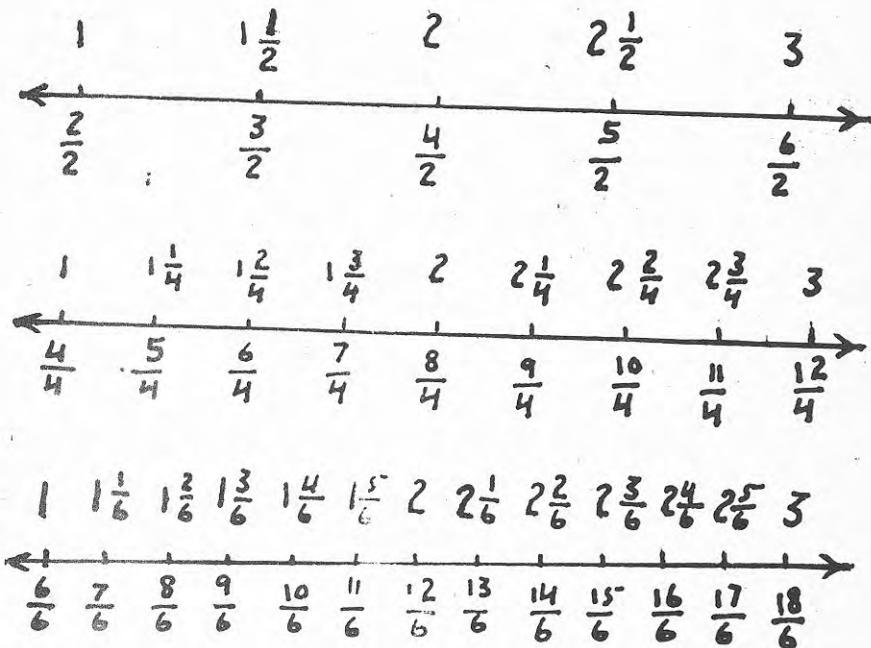
Jabjab kasta mid u dhigma qor :

$$1) \frac{1}{2} \quad 2) \frac{1}{3} \quad 3) \frac{3}{6} \quad 4) \frac{2}{3} \quad 5) \frac{3}{4} \quad 6) \frac{6}{8} \quad 7) \frac{1}{4}$$

$$8) \frac{3}{6} \quad 9) \frac{2}{8} \quad 10) \frac{5}{10}$$

JABJAB MAQUMMANE IYO TIRO DHAFAN

OO LAYSU GEDDIYAYO



Tiro dhafan u geddi jabjab maqummane.

Tusaale 1

$$1 \frac{1}{4} = \frac{(1 \times 4) + 1}{4} = \frac{4 + 1}{4} = \frac{5}{4}$$

Tusaale 2

$$3 \frac{1}{2} = \frac{(3 \times 2) + 1}{2} = \frac{6 + 1}{2} = \frac{7}{2}$$

| Mar kasta, hooseeyaha ku dhufo tirada
idil, dabeed ku dar sarreeyaha |

Jabjab maqummane u geddi tiro dhafan.

Tusaale 1

$$\frac{5}{4} = 4 \frac{1}{4} = 1 \frac{1}{4} \quad \frac{7}{3} = 3 \frac{2}{6} = 2 \frac{1}{3}$$

| Mar kasta isuquaybi, qaybtu waa tiro
idil, haraaga guud saar qaybiyaha |

Layli :

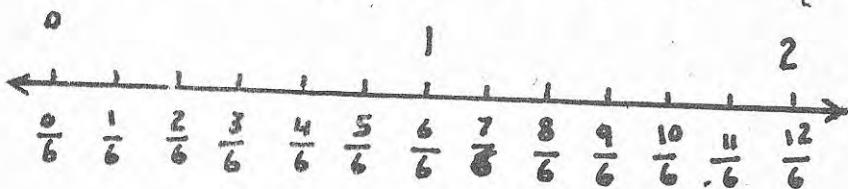
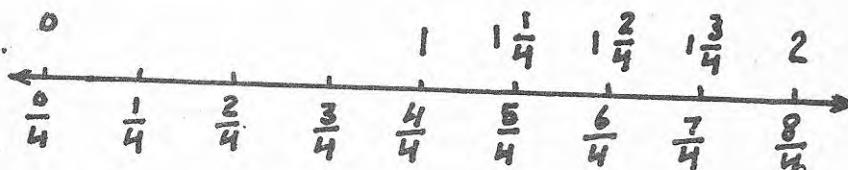
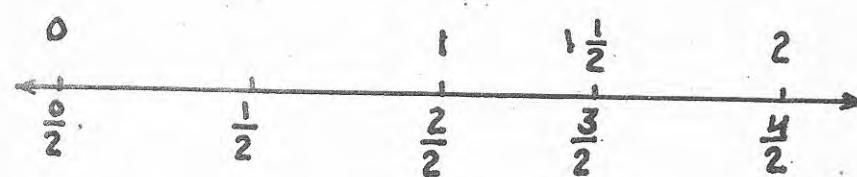
- 1) U geddi jabjab maqummane mid kasta.

$$2 \frac{1}{2}; \quad 1 \frac{1}{3}; \quad 3 \frac{1}{3}; \quad 2 \frac{2}{4}; \quad 4 \frac{1}{2}$$

$$5 \frac{2}{3}; \quad 8 \frac{2}{3}; \quad 4 \frac{1}{4}; \quad 5 \frac{2}{5}; \quad 4 \frac{4}{5}$$

2) U geddi tiro dhafan mid kasta.

$$\begin{array}{c} \frac{3}{2}; \quad \frac{6}{5}; \quad \frac{4}{3}; \quad \frac{5}{3}; \quad \frac{5}{4} \\ \frac{10}{3}; \quad \frac{9}{4}; \quad \frac{8}{3}; \quad \frac{7}{2}; \quad \frac{11}{5} \end{array}$$



Ku buuxi <, = ,> meel kasta ta ku sax ah.

B) $\frac{1}{3} \quad \frac{2}{3} \quad \text{T}) \dots 0 \frac{0}{3} \quad \text{J}) \frac{1}{3} \dots \frac{3}{8}$

X) $\frac{1}{8} \dots \frac{3}{4} \quad \text{Kh}) \frac{2}{3} \dots \frac{4}{8} \quad \text{D}) \frac{6}{8} \dots \frac{3}{4}$

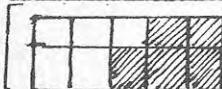
R) $\frac{3}{5} \dots 1 \quad \text{S}) \frac{6}{10} \dots \frac{6}{5} \quad \text{F}) \frac{6}{12} \dots$



1 Tobneed ama $\frac{1}{10}$ ama .1

1 Tobneed = $\frac{1}{10} = 0.1$

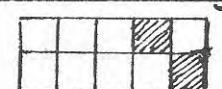
Laba Tobneed



$\frac{2}{10}$ ama 0.2



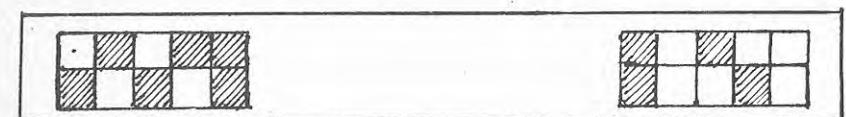
$\frac{3}{10}$ ama 0.3



$\frac{5}{10}$ ama 0.5

Layli :

Intee baa haraysan, ku qor meesha bannaan.



tobneed = $\frac{8}{10} = 0\dots$

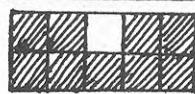
tobneed = $\frac{7}{10} = \dots$



tobneed = $\frac{5}{10} = \dots$

tobneed = $\frac{6}{10} = \dots$

Waxaynu naqaannaa



$$\text{tobneed} = \underline{\quad} = \dots$$

$$\frac{12}{10} = \frac{10}{10} + \frac{2}{10} \text{ ama } \frac{12}{10} = \frac{10+2}{10} = \frac{10}{10} + \frac{2}{10}$$

Waxaynu naqaannaa :

$$\frac{2}{10} = 0.2, \frac{12}{10} = 1.2$$

$$\frac{10}{10} = 1.0$$

$$\begin{array}{r} 12 \\ \hline 10 \\ \downarrow \\ 1.2 \end{array} = \frac{10}{10} + \frac{2}{10}$$

\downarrow

$$1.2 = 1.0 + 0.2$$

$$\frac{18}{10} = \frac{10}{10} + \frac{8}{10}$$

$$\frac{8}{10} = 0.8, \frac{10}{10} = 1.0, \frac{18}{10} = 1.8$$

$$\begin{array}{r} 18 \\ \hline 10 \\ \downarrow \\ 1.8 \end{array} = \frac{10}{10} + \frac{8}{10}$$

\downarrow

$$1.0 \qquad 0.8$$

$$\frac{25}{10} = \frac{20}{10} + \frac{5}{10}$$

Waxaynu naqaannaa

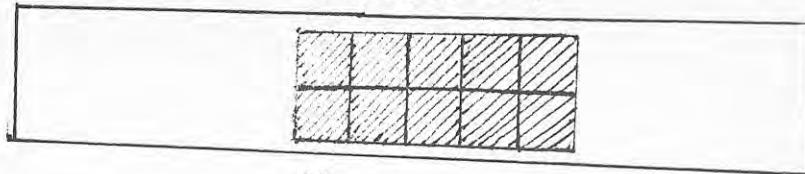
$$\frac{5}{10} = 0.5, \frac{20}{10} = 2.0, \frac{25}{10} = 2.5$$

$$\begin{array}{r} 25 \\ \hline 10 \\ \downarrow \\ 2.5 \end{array} = \frac{20}{10} + \frac{5}{10}$$

\downarrow

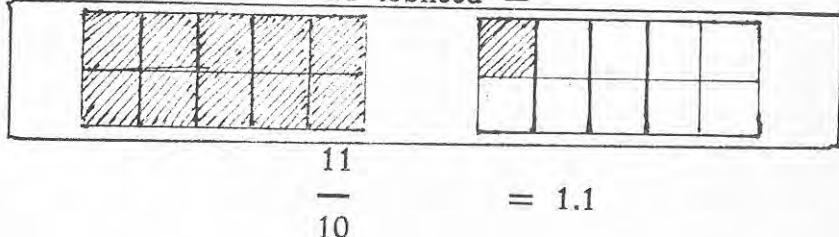
$$2.0 + 0.5$$

10 tobneed = 1



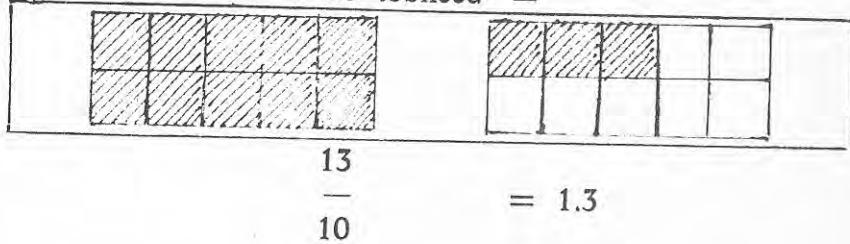
$$\begin{array}{r} 10 \\ - 10 \\ \hline \end{array} = 1.0$$

11 tobneed =



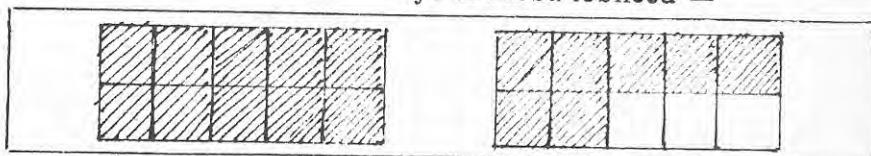
$$\begin{array}{r} 11 \\ - 10 \\ \hline \end{array} = 1.1$$

13 tobneed =



$$\begin{array}{r} 13 \\ - 10 \\ \hline \end{array} = 1.3$$

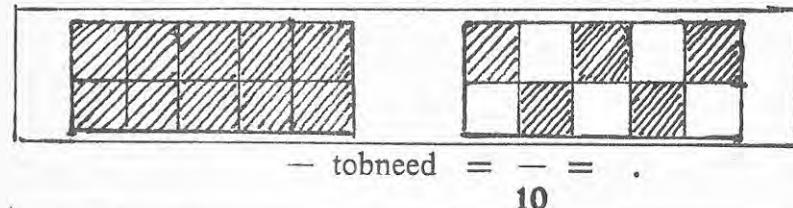
toban iyo toddoba tobneed =



$$\begin{array}{r} 17 \\ - 10 \\ \hline \end{array} = 1.7$$

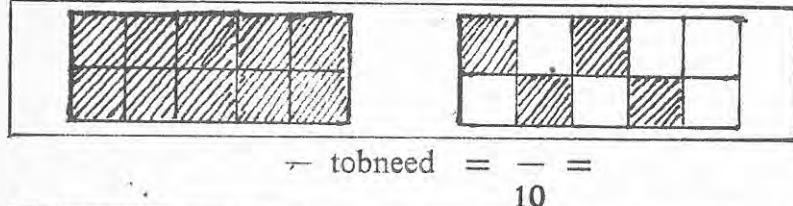
Layli :

Intee baa haraysan. Ku qor meesha bannaan.



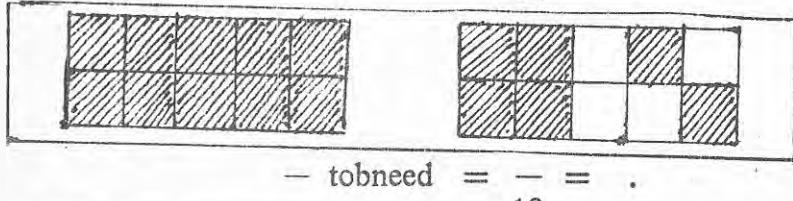
$$— \text{tobneed} = — = .$$

10



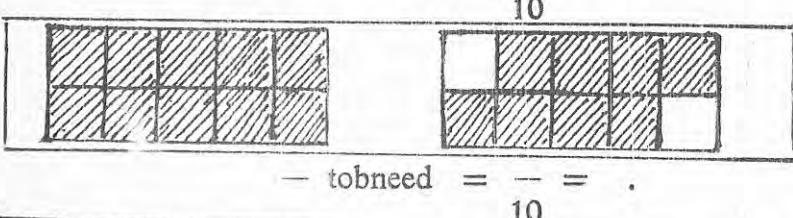
$$— \text{tobneed} = — = .$$

10



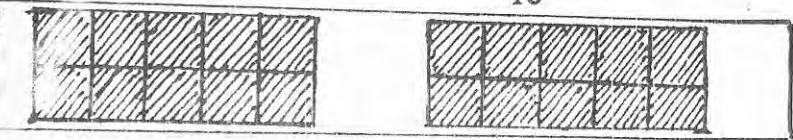
$$— \text{tobneed} = — = .$$

10



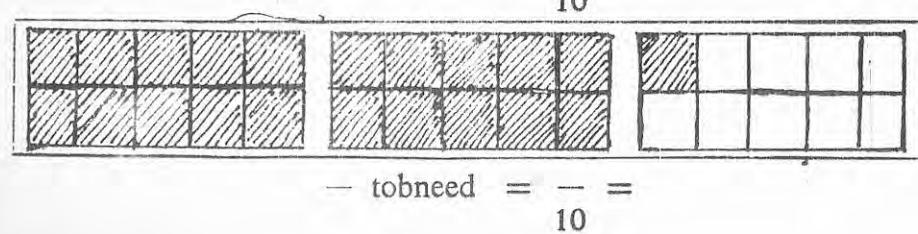
$$— \text{tobneed} = — = .$$

10



$$— \text{tobneed} = — = .$$

10



$$— \text{tobneed} = — = .$$

10

Layli :

Buuxi meelaha bannaan.

$$1) \quad \frac{15}{10} = \frac{\square}{10} + \frac{\Delta}{10}$$

$$2) \quad \frac{16}{10} = \frac{\square}{10} + \frac{\triangle}{10}$$

$$3) \quad \frac{28}{10} = \frac{\square}{10} + \frac{\Delta}{10}$$

$$4) \quad \frac{35}{10} = \frac{\square}{10} + \frac{\Delta}{10}$$

$$5) \quad \frac{17}{10} = 1.0 + \square$$

$$6) \quad \frac{23}{10} = 2.0 + \square$$

$$7) \quad \frac{11}{10} = \square + 0.1$$

$$8) \quad \frac{29}{10} = \square + 0.9$$

$$9) \quad \begin{array}{r} 14 \\ - 10 \\ \hline \square \end{array} = \begin{array}{r} 10 \\ - 10 \\ \hline \square \end{array} + \begin{array}{r} 4 \\ - 10 \\ \hline \square \end{array}$$

$$10) \quad \begin{array}{r} 26 \\ - 10 \\ \hline \end{array} = \begin{array}{r} 20 \\ - 10 \\ \hline \end{array} + \begin{array}{r} 6 \\ - 10 \\ \hline \end{array}$$

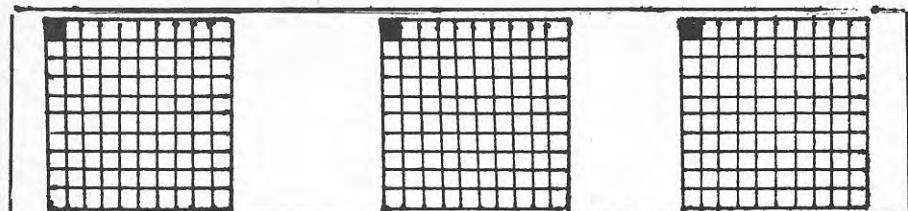
$$11) \quad \begin{array}{r} 35 \\ - 10 \\ \hline \end{array} = \begin{array}{r} 30 \\ - 10 \\ \hline \end{array} + \begin{array}{r} 5 \\ - 10 \\ \hline \end{array}$$

\downarrow \downarrow \downarrow

$$\boxed{2} = \boxed{} + \boxed{}$$

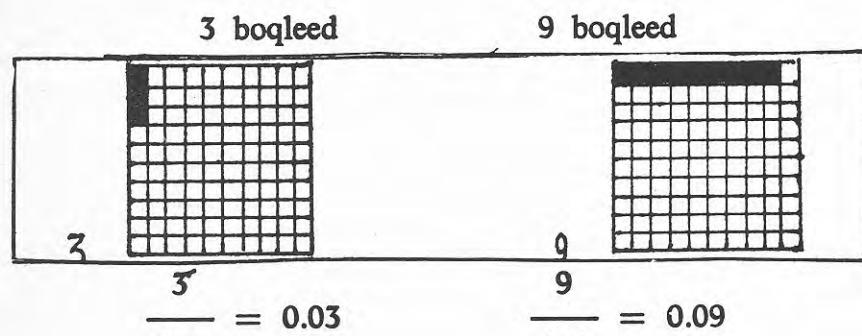
$$12) \quad \begin{array}{r} 42 \\ - 10 \\ \hline \square \end{array} = \begin{array}{r} 40 \\ - 10 \\ \hline \square \end{array} + \begin{array}{r} 2 \\ - 10 \\ \hline \square \end{array}$$

1 BOQLEED



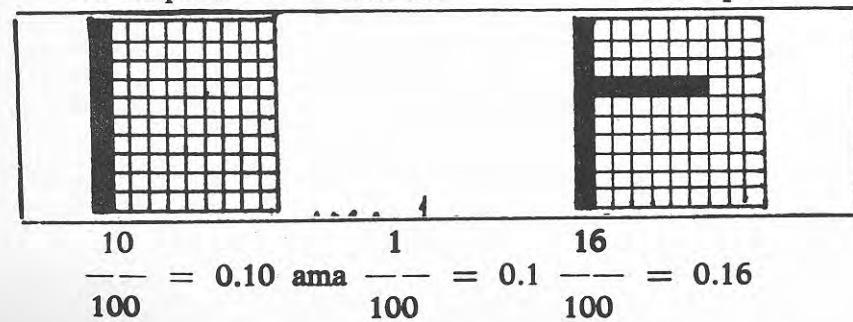
1 boqleed ama $\frac{1}{100}$ ama 0.01

$$1 \text{ boqleed} = \frac{1}{100} = 0.01$$

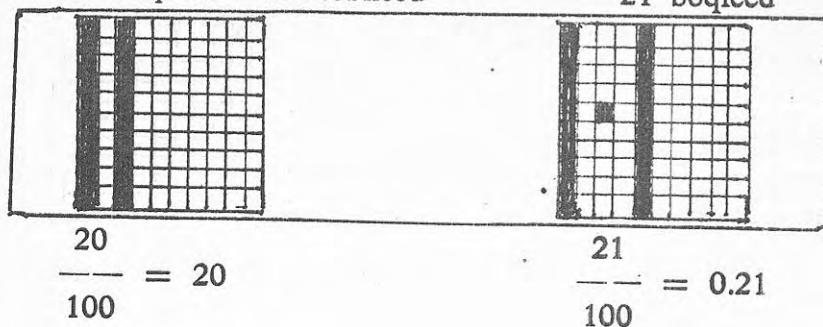


10 bogleed = 1 tobneed

16 bogleed



20 boqleed = 2 tobneed .



Layli :

Buuxi meesha bannaan

$$I. \quad 2 \text{ boqleed} = \frac{\square}{100} = \square .$$

$$4 \text{ boqleed} = \frac{\square}{100} = \square .$$

$$5 \text{ boqleed} = \frac{\square}{100} = \square .$$

$$6 \text{ boqleed} = \frac{\square}{100} = \square .$$

$$11 \text{ boqleed} = \frac{\square}{100} = \square .$$

$$33 \text{ boqleed} = \frac{\square}{100} = \square .$$

$$15 \text{ boqleed} = \frac{\square}{100} = \square .$$

$$26 \text{ boqleed} = \frac{\square}{100} = \square .$$

$$28 \text{ boqleed} = \frac{\square}{100} = \square .$$

$$30 \text{ boqleed} = \frac{\square}{100} = \square .$$

$$\text{II. } 0.42 = \frac{\square}{\Delta} = \underline{\underline{\quad}}$$

$$0.50 = \frac{\square}{\Delta} = \underline{\underline{\quad}}$$

$$0.68 = \frac{\square}{\Delta} = \underline{\underline{\quad}}$$

$$0.79 = \frac{\square}{\Delta} = \underline{\underline{\quad}}$$

$$0.80 = \frac{\square}{\Delta} = \underline{\underline{\quad}}$$

$$0.99 = \frac{\square}{\Delta} = \underline{\underline{\quad}}$$

III. Ku qor meesha layliga summadda ka yar «<» ka weyn
«>» ama le'eg «=»

3 tobneed \square 30 boqleed.

0.25 \square 0.31

0.1 \square 0.10

33 boqleed \square 0.032

0.4 \square 0.42

10 tobneed \square 1.00

$\frac{5}{10} \square 0.05$

15 tobneed \square 100 boqleed

11 boqleed = 10 boqleed + 1 boqleed

| 10 boqleed = 1 tobneed |

11 boqleed = 1 tobneed + 1 boqleed
 \downarrow
 $0.11 = 0.1 + 0.01$

21 boqleed = 20 boqleed + 1 boqleed

| 20 boqleed = 2 tobneed |

21 boqleed = 2 tobneed + 1 boqleed
 \downarrow
 $0.21 = 0.2 + 0.01$

33 boqleed = 30 boqleed + 3 boqleed

| 30 boqleed = 3 tobneed |

$$33 \text{ boqleed} = 3 \text{ tobneed} + 3 \text{ boqleed}$$

$$\downarrow \quad \downarrow \quad \downarrow$$

$$0.33 = 0.3 + 0.03$$

Layli :

a) 1) Buuxi meelaha bannaan.
b) 12 boqleed = 1 tobneed + 2 boqleed

$$\downarrow \quad \downarrow \quad \downarrow$$

$$0.12 = 0.1 + 0.02$$

t) 13 boqleed = tobneed + boqleed

$$\downarrow \quad \downarrow \quad \downarrow$$

$$0.- = 0.- + 0.-$$

j) 24 boqleed = tobneed + boqleed

$$\downarrow \quad \downarrow \quad \downarrow$$

$$0.- = 0.- + 0.-$$

x) 35 boqleed = tobneed + boqleed

$$\downarrow \quad \downarrow \quad \downarrow$$

$$0.- = 0.- + 0.-$$

kh) 46 boqleed = tobneed + boqleed

$$\downarrow \quad \downarrow \quad \downarrow$$

$$0.- = 0.- + 0.-$$

d) 57 boqleed = tobneed + boqleed

$$\downarrow \quad \downarrow \quad \downarrow$$

$$0.- = 0.- + 0.-$$

r) 66 boqleed = tobneed + boqleed

$$\downarrow \quad \downarrow \quad \downarrow$$

$$0.- = 0.- + 0.-$$

$$s) 78 \text{ boqleed} = \frac{\downarrow}{0. -} + \frac{\downarrow}{0. -} + \frac{\downarrow}{0. -}$$

$$sh) 89 \text{ boqleed} = \frac{\downarrow}{0. -} + \frac{\downarrow}{0. -} + \frac{\downarrow}{0. -}$$

$$dh) 99 \text{ boqleed} = \frac{\downarrow}{0. -} + \frac{\downarrow}{0. -} + \frac{\downarrow}{0. -}$$

	Kumaad	Boqlaad	Tobnaad	Koowaad	Tobneed	Boqleed
362	=	3	6	2		
3053	=	3	0	5	3	
65.3	=		6	5	3	
253.05	=	2	5	3	0	5

2) Ku qor summadda ka yar «<» ka weyn «>» ama

le'eg «=» meesha bannaan.

$$b) \frac{28}{100} = 3 \text{ tobneed}$$

$$t) \frac{56}{100} = 5 \text{ tobneed} + 4 \text{ boqleed}$$

$$j) \frac{60}{100} = 6 \text{ tobneed}$$

$$x) 4 \text{ tobneed} + 3 \text{ boqleed} = 42 \text{ boqleed}$$

$$kh) 0.78 = 75 \text{ boqleed}$$

$$d) 0.21 = 2 \text{ tobneed} + 1 \text{ boqleed}$$

Sansaanka fudud	=	Sansaanka fidsan
362	=	$300 + 60 + 2$
3053	=	$3000 + 0 + 50 + 3$
65.3	=	$60 + 5 + 0.3$
253.05	=	$200 + 50 + 3 + 0.05$

$$1 \text{ kumaad} = 10 \text{ boqlaad}$$

$$1 \text{ boqlaad} = 10 \text{ tobnaad}$$

$$1 \text{ tobnaad} = 10 \text{ koowaad}$$

$$1 \text{ tobneed} = 10 \text{ boqleed}$$

Layli :

- 1) Dhammaystir Tusaha qiimaha rugta.

	Kumaad	Boqlaad	Tobnaad	Koowaad	Tobneed	Boqleed
58	=					
136	=					
2603	=					
29.5	=					
1236.70	=	1	2	3	6	7 0
99.70	=					

- 2) Buuxi meelaha madhan

- b) Qiimaha rugta shan ee 29.57 waa **tobneed**, wadarta qiimaha rugteeduna waa 5 **tobneed** ama **0.5**
- t) Qiimaha rugta sagaal ee 39.87 waa _____, wadarta qiimaha rugteeduna waa _____ ama _____.
- j) Qiimaha rugta eber ee 406.2 waa _____, wadarta qiimaha rugteeduna waa _____ ama _____.
- x) Qiimaha rugta kow ee 2130.5 waa _____, wadarta qiimaha rugteeduna waa _____ ama _____.
- kh) Qiimaha rugta lix ee 6200.03 waa _____, wadarta qiimaha rugteeduna waa _____ ama _____.
- d) Qiimaha rugta afar ee 5.46 waa _____, wadarta qiimaha rugteeduna waa _____ ama _____.
- r) Qiimaha rugta saddex ee 2.03 waa _____, wadarta qiimaha rugteeduna waa _____ ama _____.

- 3) U qor Sansaanka fidsan.

Sansaanka fudud	Sansaanka fidsan
3.27	$3 + 0.2 + 0.70$
32.7	$30 + 2 + 0.7$
125.5	=
12.55	=
1602.3	=

- 4) U qor sansaanka fudud

$$3 + 0.1 + 0.08 = 3.18$$

$$40 + 2 + 0.3 + 0.02 =$$

$$300 + 6 + 0.2 + 0.06 =$$

$$40 + 6 + 0.08 =$$

$$| 1 \text{ kumeed} = \frac{1}{1000} = 0.001 |$$

$$8 \text{ kumeed} = \frac{8}{1000} = 0.008$$

$$10 \text{ kumeed} = \frac{10}{1000} = 0.010$$

$$90 \text{ kumeed} = \frac{90}{1000} = 0.090$$

$$999 \text{ kumeed} = \frac{999}{1000} = 0.999$$

$$100 \text{ kumeed} = \frac{100}{1000} = 0.100$$

$$1000 \text{ kumeed} = \frac{1000}{1000} = 1.000$$

1 kumaad = 10 boqlaad

1 boqlaad = 10 tobnaad

1 tobnaad = 10 koowaad

1 koowaad = 10 tobneed

1 tobneed = 10 boqleed

1 boqleed = 10 kumeed

Tusaha qimaha rugta :

Kumaad	Boqlaad	Tobnaad	Koowaad	(.) Tobneed	Boqleed	Kumeed
3625.1	3	6	2	5	1	
3625.01	3	6	2	5	0	1
3620.501	3	6	2	5	0	1

Layli :

1) Buuxi meelaha bannaan.

$$b) \quad 4 \text{ kumeed} = \frac{4}{1000} = 0.004$$

$$t) \quad 9 \text{ kumeed} = \frac{\Delta}{\square} = 0. \underline{\hspace{2cm}}$$

$$j) \quad 65 \text{ kumeed} = \frac{\Delta}{\square} = 0. \underline{\hspace{2cm}}$$

$$x) \quad 105 \text{ kumeed} = \frac{\Delta}{\square} = 0. \underline{\hspace{2cm}}$$

$$kh) \quad 0.018 = \frac{\Delta}{1000} = \square \text{ kumeed}$$

$$d) \quad 0.208 = \frac{\Delta}{1000} = \square \text{ kumeed}$$

$$r) \quad 0.005 = \frac{\square}{1000} = \square \text{ kumeed}$$

$$s) \quad \frac{8}{1000} = \square \text{ kumeed} = 0. \underline{\hspace{2cm}}$$

$$sh) \quad \frac{80}{1000} = \square \text{ kumeed} = 0. \underline{\hspace{2cm}}$$

$$dh) \quad \frac{800}{1000} = \square \text{ kumeed} = 0. \underline{\hspace{2cm}}$$

2) Buuxi meelaha bannaan.

b) Qiimaha rugta shan ee 20.735 waa kumeed, wadarta qiimaha rugteeduna waa 5 kumeed ama 0.005.

t) Qiimaha rugta kow ee 0.201 waa —————, wadarta qiimaha rugteeduna waa ————— ama.

j) Qiimaha rugta eber ee 25.360 waa —————, wadarta qiimaha rugteeduna waa ————— ama —————.

3) U qor Sansaanka fidsan.

$$b) \quad 2.035 = 2 + 0.03 + 0.005$$

$$t) \quad 21.603 =$$

$$j) \quad 136.278 =$$

$$x) \quad 1333.003 =$$