

Boqonnaa

1

$$75 - 24 = 51$$

$$170 + 12 = ?$$

IDA'UU FI HIR'ISUU
HAMMA 100TTI

1.1 KEESSA DEEBII LAKKOOF SOTA HUNDAA HAMMA 100TTI

GOCHA 1.1

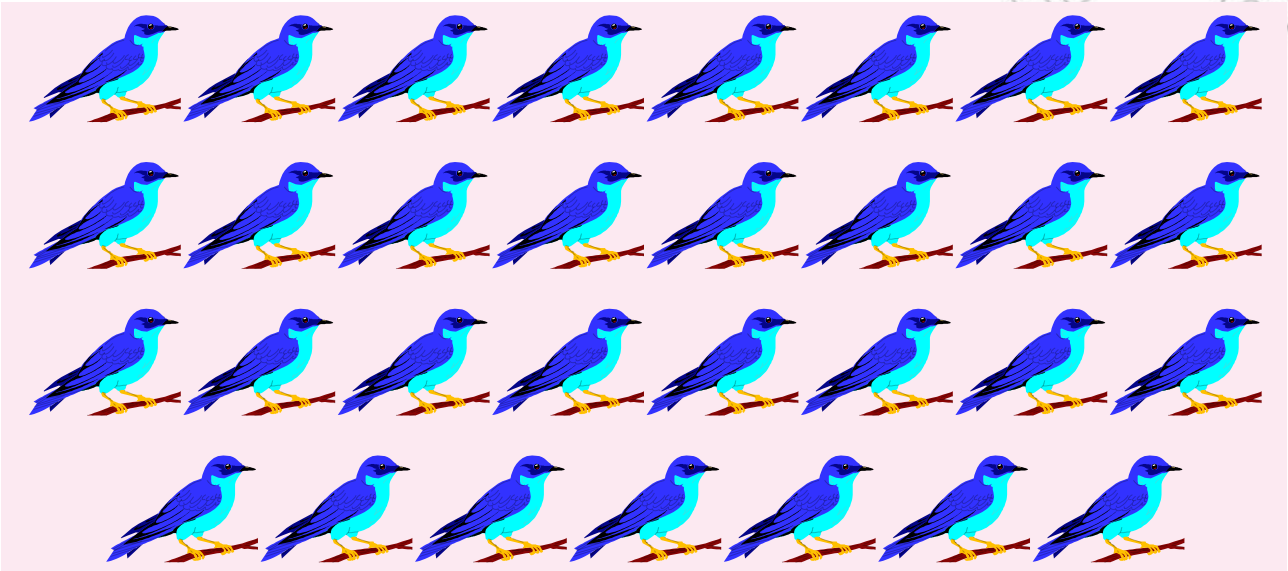
- 1 Barattoonni kutaa lamaffaa biqiltuu dhaabanitti dallaa ijaaruuf mukoota xixiqqoo fidanii turan. Badhaatuun mukoota xixiqqoo 27 yoo fidde kurnan meeqaa fi tokkee meeqatti hidhuu dandeessi?
- 2 Lakkoofsota armaan gadii hamma dhibbaatti jiran gabatee irratti guuti.

1					6			9	
	12								
						27			
		33							
41									
								59	
							68		
						77			
	82								
								99	

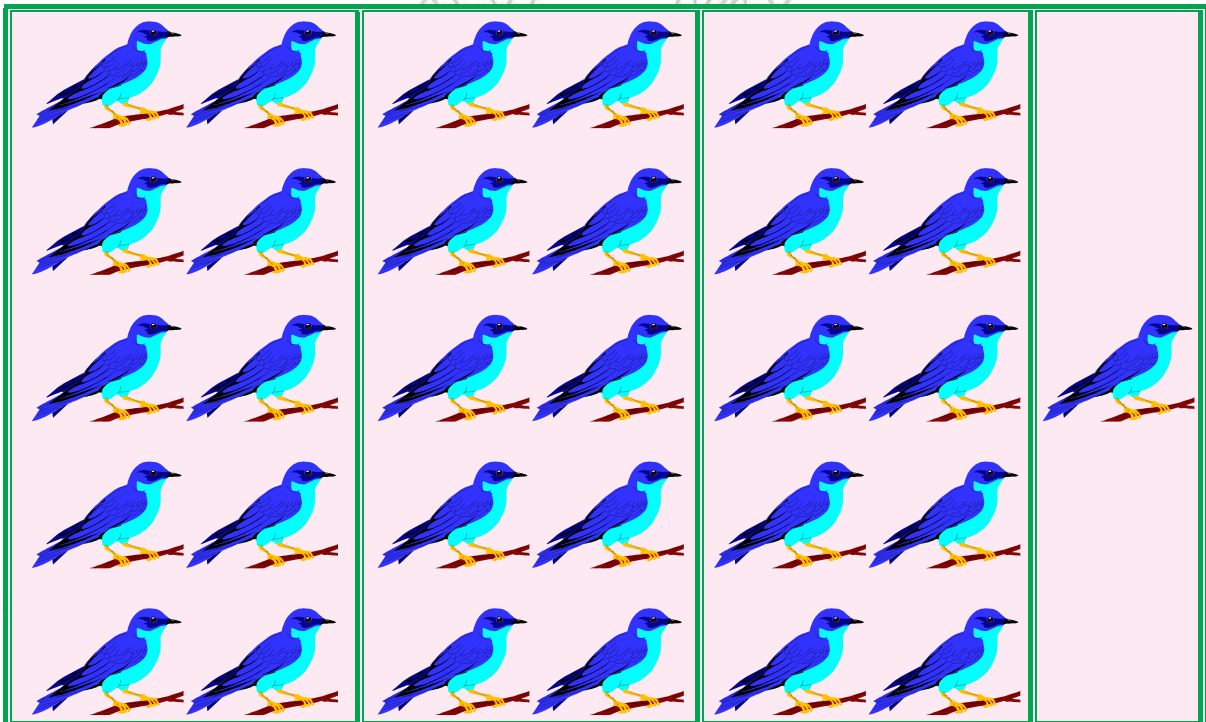
Fakkeenya 1

Kurnanii fi Tokkeewwaniin Lakkaa'uu

Simbirroota meeqa qabna?



Mee kudhan kudhaniin qoqqoodi. Kudhan meeqa argatte?



$$31 = \text{kudhan } 3 + \text{tokkee } 1 = 30 + 1$$

GILGAALA 1.1

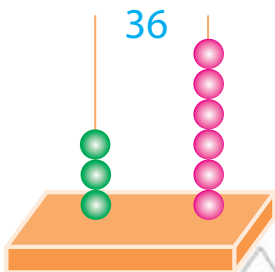
Lakkoofsotni armaan gadii kurnan meeqaa fi tokkee meeqa akka qaban ibsi.

- 1 42 = Kurnan _____ fi tokkeewwan _____
- 2 36 = Kurnan _____ fi tokkeewwan _____
- 3 67 = Kurnan _____ fi tokkeewwan _____
- 4 85 = Kurnan _____ fi tokkeewwan _____
- 5 78 = Kurnan _____ fi tokkeewwan _____

Fakkeenya 2

Lakkoofsaan yommuu ibsaman

- 1 Kudhan 1 + tokkeewwan 4 = 14
- 2 Kudhan 1 + tokkeewwan 8 = 18
- 3 Kurnan 2 + tokkeewwan 9 = 29
- 4 Kurnan 3 + tokkeewwan 2 = 32
- 5 Kurnan 7 + tokkeewwan 8 = 78

Gatii Bakkaa

Lakkoofsonni hundaa dijiitota lama qaban gatii bakka tokkee fi kurnaniitiin ibsamu. Gatii bakka tokkee qubee T dhaan bakka buufanna. Kan kudhanii immoo qubee K dhaan bakka buufnna.

Fakkeenya 3

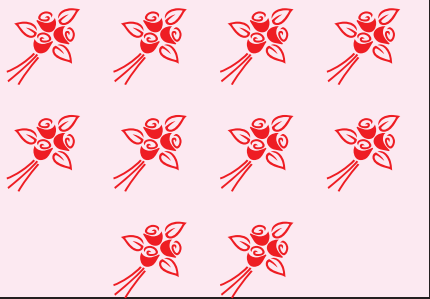
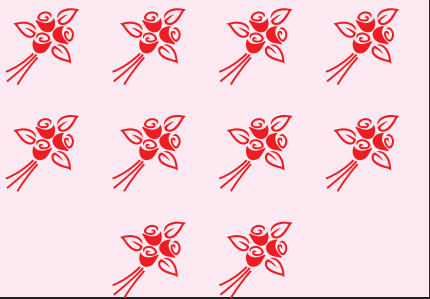
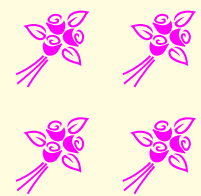
Gatii bakkaa ibsuu

- 42 keessatti gatiin bakka 2 tokkee yoo ta'u, gatiin bakka 4 immoo kurnani dha.


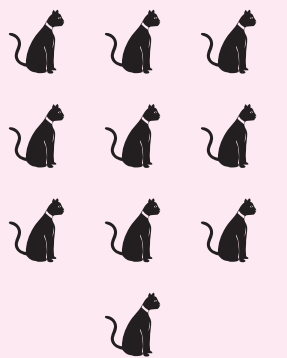


GILGAALA 1.2

Fakkiwwan armaan gadii keessa kurnan meeqaa fi tokkee meeqatu jira?

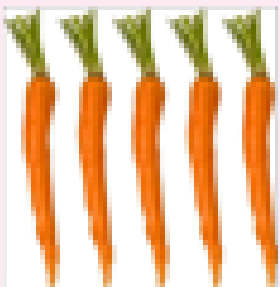
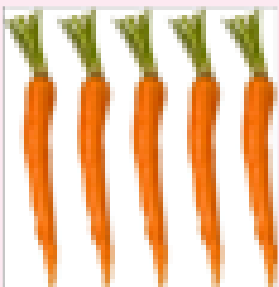
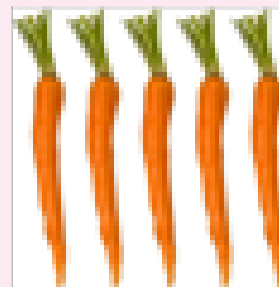

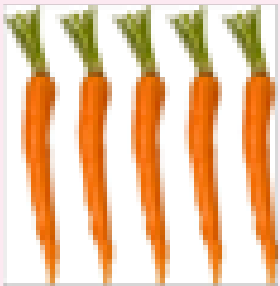
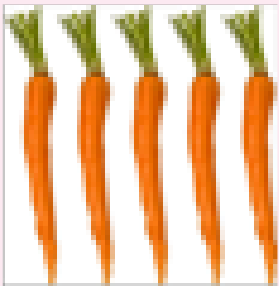
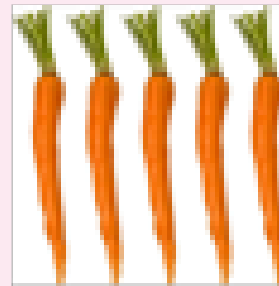

1

		
Kurnan <u>2</u>		Tokkeewwan <u>4</u>

2

			
Kurnan <u> </u>			Tokkeewwan <u> </u>

3

			
			
Kurnan <u> </u>			Tokkeewwan <u> </u>

4

★ ★	★ ★	★ ★	★ ★	★ ★	★ ★
★ ★	★ ★	★ ★	★ ★	★ ★	★ ★
★ ★	★ ★	★ ★	★ ★	★ ★	★ ★
★ ★	★ ★	★ ★	★ ★	★ ★	★ ★
★ ★	★ ★	★ ★	★ ★	★ ★	★ ★
Kurnan <u> </u>					Tokkeewwan <u> </u>

5 Kudhan tokko, tokkeewwan meeqa ta'a?

6 Kurnan lama, tokkeewwan meeqa ta'a?

GILGAALA 1.3

Lakkoofsa armaan gadii gatii bakkaatiin addaan baasii barreessi.

Lakkoofsa	Kurnan(K)	Tokkee(T)
14		
17		
25		
36		
47		
59		
67		
38		
43		
68		
82		

GOCHA 1.2

Lakkoofsota gabatee keessatti kennamanitti fayyadamuun gaaffilee armaan gadii deebisi.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

- 1 14, 23, 68 fi 88 jala sarari.
- 2 Sagalee kee ol fuudhuun lakkoofsota halluu diimaadhaan barreeffaman barsiisaa/barsiiftuu keetiif dubbisi.
- 3 Kanneen cuquliisaan barreeffaman jechaan barreessi.
- 4 Kanneen magariisaan barreeffaman jechaan barreessi.

GILGAALA 1.4

1 *Lakkoofsota armaan gadii jechaan barreessi.*

a	20	
b	30	Soddoma
c	40	
d	50	
e	60	
f	70	
g	80	
h	90	

2 *Lakkoofsota armaan gadii jechaan barreessi.*

a	15	
b	17	Kudha torba
c	24	
d	29	
e	36	
f	38	
g	43	Afurtamii sadii

3 *Kanneen armaan gadii lakkoofsaan barreessi.*

- a Soddomii sadii = _____ b Shantamii torba = _____
 c Torbaatamii tokko = _____ d Afurtamii ja'a = _____
 e Kudha lama = _____

4 Haala armaan oliitti fayyadamuun lakkoofsota 20 hamma 100tti jiran kutaa keessatti barsiisaa/ttuu keetiif dubbisi.

Hariiroo Lakkoofsota Hundaa

Lakkoofsota hundaa waliin madaalchisuun ni danda'ama. Kanaaf ammoo mallattoolee “<” irra xiqqaa, “>” irra guddaa fi “=” walqixaatti fayyadamna.

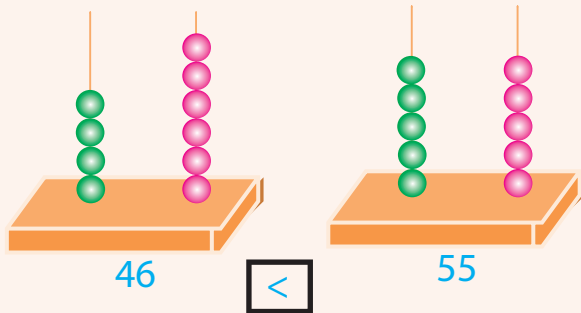
GOCHA 1.3

1 *Dabbara kee irratti xiyya lakkoofsaa hojjechuun kanneen armaan gadii walmadaalchisi.*

- a 13 fi 17 walmadaalchisi. Kamtu caala? Deebii kee mallattoolee < yookiin > fayyadamuun deebisi.
- b 34 fi 24 walmadaalchisi. Kamtu caala?
- c 76 fi 68 walmadaalchisi. Kamtu caala?

2 *Lakkoofsota kennaman abaakasiitti fayyadamuun walmadaalchisi.*

a $46 \square 55$



b $87 \square 76$

c $45 \square 63$

d $26 \square 33$

e $93 \square 88$

GOCHA 1.4

1 *Lakkoofsota armaan gadii xiqqaa irraa gara guddaatti tartiibessi.*

56 24 34 78 14 90 18

2 *Lakkoofsota armaan gadii guddaa irraa gara xiqqaatti tartiibessi.*

31 12 57 26 19 73 85

Hubadhu

⇒ Lakkoofsi dijiitota lamaa lakkoofsa dijiitii tokkoo ni caala.

Fakkeenyaaf: $24 > 9$.

⇒ Lakkoofsonni lachuu abbaa dijiitota lamaa yoo ta'an jalqaba gatii bakka kudhaniin walmadaalchisna. Lakkoofsi gatii bakka kudhaniitiin caalu guddaadha.

Fakkeenyaaf: $56 > 48$

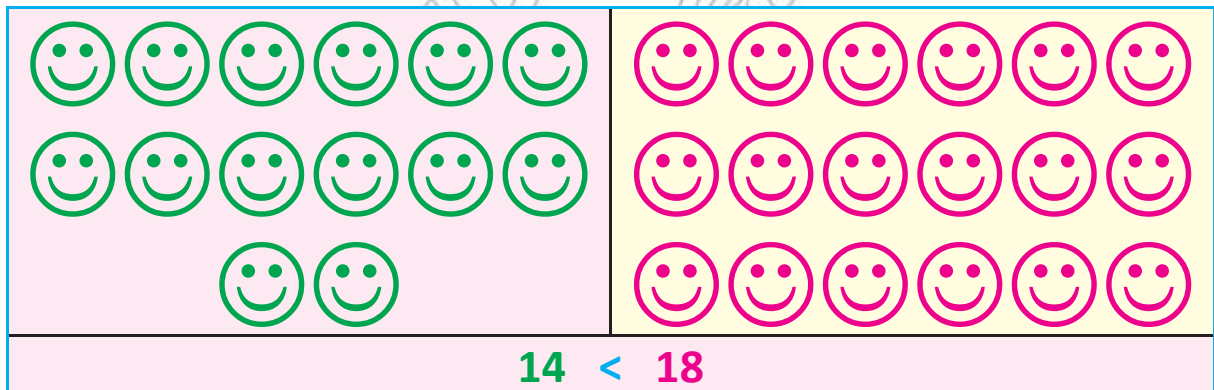
⇒ Gatiin bakka kudhanii yoo walqixa ta'an gatii bakka tokkeetiin walmadaalchisna.

Fakkeenyaaf: $87 > 83$

Fakkeenya 4

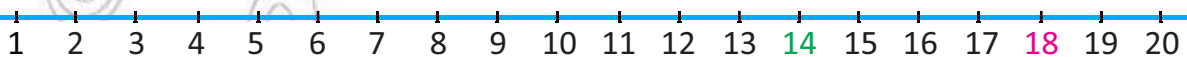
14 fi 18 fudhadhu. 14 moo 18tu caala?

Mee fakkiiwwan 14 fi 18 haa fudhannu.



Kana yommuu dubbifnu “14 irra xiqqaa 18 “jenna.

Lakkoofsota kanneen waliin madaalchisuuf xiyya lakkoofsaatti fayyadamuun ni danda'ama. Mee xiyya lakkoofsa irratti 14 fi 18 haa agarsiisnu.



14 gara bitaa 18 waan ta'eef, $14 < 18$ ta'a.

GILGAALA 1.5

1 Lakkoofsota hundaa 10 hamma 30tti jiran xiyya lakkoofsaa irratti tartiibessuun agarsiisi.

2 *Bakka duwaa irratti “<”, yookiin “=” yookiin” >” guuti.*

- a 3 __ 4 b 8 __ 8 c 14 __ 17 d 19 __ 21
 e 26 __ 24 f 37 __ 37 g 42 __ 44 h 56 __ 58
 i 87 __ 90 j 92 __ 79

1.2 KEESSA DEEBII IDA’UU FI HIR’ISUU LAKKOOF SOTA HUNDAA HAMMA 20TTI

1.2.1 KEESSA DEEBII IDA’UU LAKKOOF SOTA HUNDAA HAMMA 20TTI

GOCHA 1.5

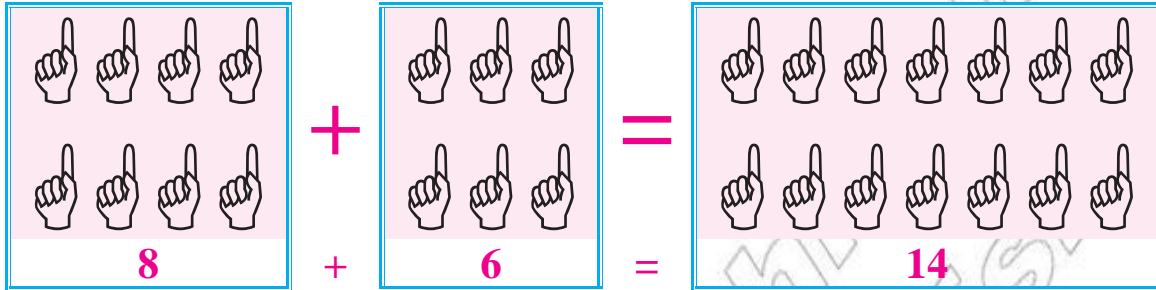
Gabatee armaan gadii dabtara kee irratti garagalchuun ida’ama isaanii guuti.

+	0	1	2	3	4	5	6	7	8	9
0										
1										
2			4							
3										
4										
5							11			
6										
7										
8										
9				12						

Fakkeenya 5

Lakkoofsota hamma 20tti ida'uu

8 + 6 haa fudhannu.



GILGAALA 1.6

Bakka duwaa lakkoofsa himicha dhugoomsuun guuti.

- | | | | | | |
|----|------------------------------|---|-------------------------------|---|-------------------------------|
| 1 | $5 + 5 = \underline{\quad}$ | 2 | $6 + 6 = \underline{\quad}$ | 3 | $10 + 10 = \underline{\quad}$ |
| 4 | $2 + \underline{\quad} = 12$ | 5 | $12 + \underline{\quad} = 17$ | 6 | $4 + \underline{\quad} = 19$ |
| 7 | $\underline{\quad} + 4 = 20$ | 8 | $\underline{\quad} + 5 = 15$ | 9 | $15 + 4 = \underline{\quad}$ |
| 10 | $9 + 10 = \underline{\quad}$ | | | | |

GILGAALA 1.7

Gabatee armaan gadii guuti.

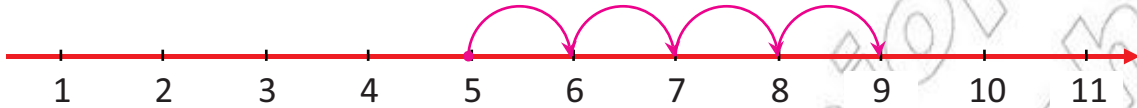
	+ 3
6	9
12	
15	18
9	
14	
8	
11	
16	
17	

Fakkeenya 6

Xiyya lakkoofsaatti fayyadamuun ida'uu

1 Xiyya lakkoofsaa irratti $5 + 4$ ida'i.

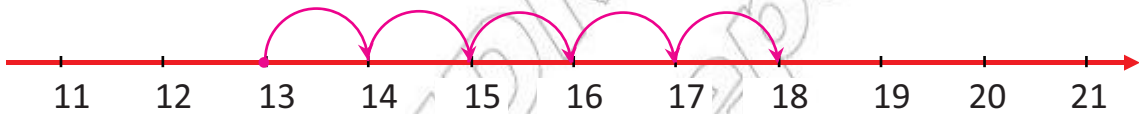
Jalqaba 5 xiyya lakkoofsaa irratti agarsiisi. Isa booda ramaddii 4 gara mirgaatti deemi. Kan irra geesse ida'ama ta'a.



Kanaafuu $5 + 4 = 9$ ta'a.

2 Xiyya lakkoofsaarratti $13 + 5$ ida'i.

Jalqaba 13 xiyya lakkoofsaa irratti agarsiisi. Isa booda ramaddii 5 gara mirgaatti deemi. Kan irra geesse ida'ama ta'a.



Kanaafuu $13 + 5 = 18$.

GILGAALA 1.8

Kanneen armaan gadii xiyya lakkoofsaatti fayyadamuun ida'i.

1 $3 + 4$

2 $5 + 6$

3 $9 + 2$

Hubadhu:

Zeeroo lakkoofsa hundaa tokko irratti yoo idaane firiin isaa lakkoofsuma sana ta'a.

Fakkeenya 7

Lakkoofsota hundaa fi zeeroo ida'uu

$4 + 0 = \underline{4}$

GILGAALA 1.9

Bakka duwwaa guuti.

1 $3 + 0 = \underline{\hspace{2cm}}$

2 $10 + 0 = \underline{\hspace{2cm}}$

3 $12 + 0 = \underline{\hspace{2cm}}$

4 $\underline{\hspace{2cm}} + 0 = 15$

5 $7 + \underline{\hspace{2cm}} = 7$

6 $9 + \underline{\hspace{2cm}} = 9$

7 $6 + 0 = \underline{\hspace{2cm}}$

8 $0 + 7 = \underline{\hspace{2cm}}$

9 $0 + 0 = \underline{\hspace{2cm}}$

10 $17 + 0 = \underline{\hspace{2cm}}$

GILGAALA 1.10

Ida'ama birkii armaan gadii guuti.

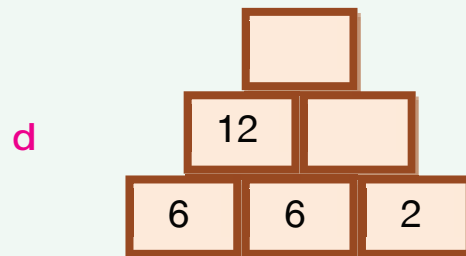
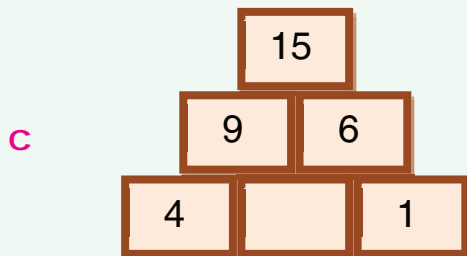
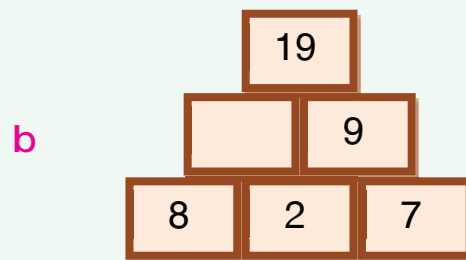
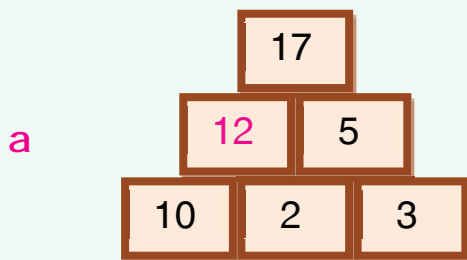
Ida'amni lakkoofsota wal cinaa kan isaanii olii ta'a.

Fakkeenyaaf:

$12 + 5 = 17$

$3 + 2 = 5$

$10 + 2 = 12$



1.2.2 KEESSA DEEBII HIR'ISUU LAKKOOF SOTA HUNDAA HAMMA 20TTI

GOCHA 1.6

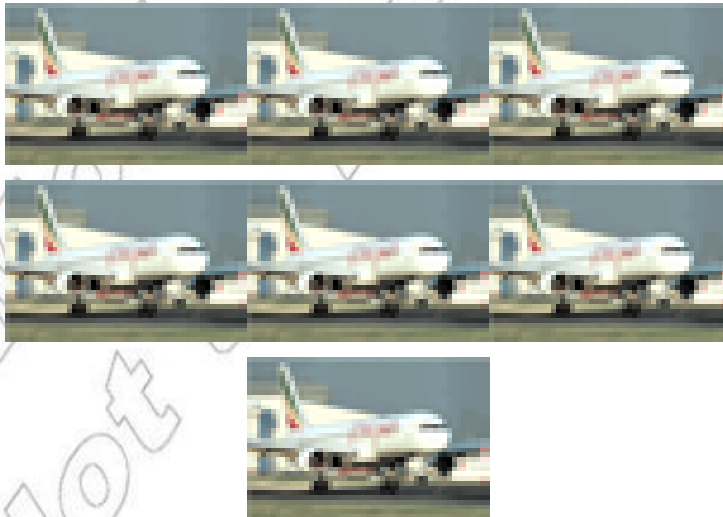
- 1 Lakkoofsota 0 hamma 20 xiyya lakkoofsaa irraatti agarsiisi.
- 2 12 irraa jalqabuun ramaddii 5 gara duubatti deemi. Meeqa argatte?
- 3 $12 - 5 = \underline{\hspace{2cm}}$

Fakkii armaan gadii sirritti ilaali.



Xiyyaarota 9 qabna. Yoo xiyyaaronni 2 biraa ka'anii balali'an xiyyaerotii 7tu hafa.

Kunis



$$9 - 2 = 7$$

GILGAALA 1.11***Kanneen armaan gadii hir'isi.***

1 $5 - 2 = \underline{\quad}$

2 $4 - 1 = \underline{\quad}$

3 $9 - 5 = \underline{\quad}$

4 $11 - 4 = \underline{\quad}$

5 $15 - 9 = \underline{\quad}$

6 $12 - 3 = \underline{\quad}$

7 $15 - 7 = \underline{\quad}$

8 $12 - 5 = \underline{\quad}$

9 $14 - 7 = \underline{\quad}$

10 $13 - 5 = \underline{\quad}$

11 $15 - 5 = \underline{\quad}$

12 $10 - 8 = \underline{\quad}$

Fakkeenya 8***Piroobileemii jechaa***

Tolasaan kitaaba 17 bitachuu barbaada. Kanneen keessaa 6 yoo bitate kitaabota meeqatu isa hafa?

Deebii:

$$17 - 6 = 11$$

Kitaabota 11tu isa hafa.

GILGAALA 1.12***Piroobileemota armaan gadiif deebii barbaadi.***

1 Obbo Roobaan ijoollee lama qabu. Isa tokkoof burtukaanota 6, isa lammaffaaf ammoo burtukaanota 8 bitani. Walumatti Obbo Roobaan burtukaanota meeqa bitani?

2 Gatiin saamunaa tokkoo qarshii 12, gatiin anqaaquu (buuphaa) tokkoo qarshii 1 yoo ta'e, walumatti gatiin saamunaa tokkoo fi anqaaquu tokkoo qarshii meeqa ta'a?

3 Faaxumaan barattuu kutaa lammaffaati. Obboleettiin ishee muuzota 10 bitteef, isheen immoo oboleessa isheetiif muuzota 4 yoo kenniteef, Faaxumaaf muuzota meeqatu hafaaf?

4 Obbo Tolasaan mucaa isaaniitiif dabtara qarshii 10'n qubeessaa qarshii

- 3'n fi sarartuu qarshii 2'n bitaniif. Walumatti Obbo Tolasaan qarshii meeqa baasan?
- 5 Milkiin qarshii 14 qaba ture. Qarshii 6'n yoo kitaaba bitate, qarshii meeqatu hafaaf?
- 6 Obbo Urgeessaan hoolota 15 qabu. Hoolota 6 yoo gurguratan 2 ammoo ilma isaaniitiif yoo kennan hoolota meeqatu hafaaf?
- 7 Aadam qarshii 8 qaba ture. Haati isaa qarshii 9 itti dabalaniif. Aadam qarshii 7'n dabbara yoo bitate, qarshii meeqatu hafaaf?

1.3 HAMBIFANNAA MALEE IDA'UU FI LIQEEFFANNAA MALEE HIR'ISUU

1.3.1 LAKKOOFSA DIJITOTA LAMAA FI KAN DIJITII TOKKOO HAMBIFANNAA MALEE IDA'UU

Lakkoofsota dijiitii tokkoo fi dijiitota lama qaban tooftaalee adda addaatiin walitti ida'uun ni danda'ama. Tooftaalee kanneen fakkeenya fudhachuun haa ilaallu.

Fakkeenya 9

$$\begin{aligned} 1 \quad 15 + 4 &= 10 + 5 + 4 \\ &= 10 + 9 \\ &= \underline{19} \end{aligned}$$

$$\begin{aligned} 2 \quad 62 + 5 &= 60 + 2 + 5 \\ &= 60 + 7 \\ &= \underline{67} \end{aligned}$$

$$\begin{aligned} 3 \quad 26 + 2 &= 20 + 6 + 2 \\ &= 20 + 8 \\ &= \underline{28} \end{aligned}$$

$$\begin{aligned} 4 \quad 94 + 3 &= 90 + 4 + 3 \\ &= 90 + 7 \\ &= \underline{97} \end{aligned}$$

GILGAALA 1.13

Fakkeenya armaan olii hordofuun kanneen armaan gadii ida'i.

- 1 $14 + 3 = \underline{\quad}$ 2 $23 + 7 = \underline{\quad}$ 3 $35 + 3 = \underline{\quad}$
 4 $48 + 1 = \underline{\quad}$ 5 $54 + 5 = \underline{\quad}$ 6 $66 + 2 = \underline{\quad}$
 7 $82 + 7 = \underline{\quad}$ 8 $94 + 3 = \underline{\quad}$ 9 $73 + 6 = \underline{\quad}$
 10 $44 + 2 = \underline{\quad}$

Tooftaan biraa lakkoofsota dijiitii tokkoo fi kan dijiitota lamaa ida'uuf gargaaru gatii bakkaati. Kanas fakkeenya armaan gadiitiin haa ilaallu.

Fakkeenya 10

Gatii bakkaatti fayyadamuun ida'uu

- a $15 + 2 = \underline{\quad}$ b $23 + 5 = \underline{\quad}$ c $64 + 1 = \underline{\quad}$

a

K	T
1	5
+	2
1	7

b

K	T
2	3
+	5
2	8

c

K	T
6	4
+	1
6	5

GILGAALA 1.14

Fakkeenya armaan olii hordofuun kanneen armaan gadii ida'i.

1

K	T
1	7
+	2
1	9

2

K	T
2	3
+	4

3

K	T
3	4
+	2

4	$\begin{array}{ c c } \hline K & T \\ \hline + 4 & 5 \\ \hline & 1 \\ \hline \end{array}$	5	$\begin{array}{ c c } \hline K & T \\ \hline + 6 & 8 \\ \hline & 1 \\ \hline \end{array}$	6	$\begin{array}{ c c } \hline K & T \\ \hline + 7 & 3 \\ \hline & 5 \\ \hline \end{array}$
	$\begin{array}{ c c } \hline K & T \\ \hline + 8 & 5 \\ \hline & 2 \\ \hline \end{array}$		$\begin{array}{ c c } \hline K & T \\ \hline + 9 & 2 \\ \hline & 6 \\ \hline \end{array}$		

1.3.2 LAKKOOFSA DIJITOTA LAMAA IRRAA LAKKOOFSA DIJITII TOKKOO LIQEEFANNA MALEE HIR'ISUU

Lakkoofsota dijiitota lama qaban irraa lakkoofsota dijiitii tokko qaban hir'isuuf tooftaalee adda addaatti gargaaramuu ni dandeenya.

Fakkeenya 11

a $15 - 4 = 10 + 5 - 4$
 $= 10 + 1$
 $= \underline{11}$

b $28 - 7 = 20 + 8 - 7$
 $= 20 + 1$
 $= \underline{21}$

c $39 - 5 = 30 + 9 - 5$
 $= 30 + 4$
 $= \underline{34}$

d $87 - 4 = 80 + 7 - 4$
 $= 80 + 3$
 $= \underline{83}$

GILGAALA 1.15

Fakkeenya armaan olii hordofuun kanneen armaa gadii hir'isi.

- | | | | | | |
|----|------------------------------|---|------------------------------|---|------------------------------|
| 1 | $16 - 3 = \underline{\quad}$ | 2 | $28 - 4 = \underline{\quad}$ | 3 | $35 - 1 = \underline{\quad}$ |
| 4 | $49 - 2 = \underline{\quad}$ | 5 | $57 - 5 = \underline{\quad}$ | 6 | $64 - 3 = \underline{\quad}$ |
| 7 | $76 - 4 = \underline{\quad}$ | 8 | $88 - 6 = \underline{\quad}$ | 9 | $97 - 5 = \underline{\quad}$ |
| 10 | $66 - 5 = \underline{\quad}$ | | | | |

Lakkoofsota dijiitota lama qaban irraa lakkoofsota dijiitii tokko qaban hir'isuuf gatii bakkaatti gargaaramuus ni dandeenya.

Fakkeenya 12

Gatii bakkaatti fayyadamuun hir'isuu

- a Hir'isi: $36 - 4 = \underline{\quad}$.

K	T
3	6
4	
3	2

Jalqaba 6 irraa 4 hir'isi. 2 argatta. 2 mana tokkee keessatti barreessi.

Itti aansuun 3 mana kudhanii keessatti barreessi. Kana booda, $36 - 4 = 32$ argatta.



- b Hir'isi: $76 - 5 = \underline{\quad}$

K	T
7	6
5	
7	1

Jalqaba 6 irraa 5 hir'isi. 1 argatta. 1 mana tokkee keessatti barreessi.

Itti aansuun 7 mana kudhanii keessatti barreessi. Kana booda, $76 - 5 = 71$ argatta.



GILGAALA 1.16

Fakkeenya armaan olii hordofuun kanneen armaan gadii hir'isi.

$$1 \quad - \begin{array}{|c|c|} \hline \underline{K} & \underline{T} \\ \hline 1 & 7 \\ \hline & 4 \\ \hline \end{array}$$

$$2 \quad - \begin{array}{|c|c|} \hline \underline{K} & \underline{T} \\ \hline 2 & 6 \\ \hline & 3 \\ \hline \end{array}$$

$$3 \quad - \begin{array}{|c|c|} \hline \underline{K} & \underline{T} \\ \hline 3 & 6 \\ \hline & 4 \\ \hline \end{array}$$

$$4 \quad - \begin{array}{|c|c|} \hline \underline{K} & \underline{T} \\ \hline 4 & 5 \\ \hline & 2 \\ \hline \end{array}$$

$$5 \quad - \begin{array}{|c|c|} \hline \underline{K} & \underline{T} \\ \hline 5 & 8 \\ \hline & 5 \\ \hline \end{array}$$

$$6 \quad - \begin{array}{|c|c|} \hline \underline{K} & \underline{T} \\ \hline 6 & 5 \\ \hline & 4 \\ \hline \end{array}$$

$$7 \quad - \begin{array}{|c|c|} \hline \underline{K} & \underline{T} \\ \hline 7 & 9 \\ \hline & 5 \\ \hline \end{array}$$

$$8 \quad - \begin{array}{|c|c|} \hline \underline{K} & \underline{T} \\ \hline 8 & 7 \\ \hline & 3 \\ \hline \end{array}$$

$$9 \quad - \begin{array}{|c|c|} \hline \underline{K} & \underline{T} \\ \hline 9 & 6 \\ \hline & 1 \\ \hline \end{array}$$

Fakkeenya 13

Hir'isuu ida'uudhaan mirkaneeffachuun ni danda'ama

a $19 - 2 = 17$ akkasumas $17 + 2 = 19$

b $29 - 1 = 28$ akkasumas $28 + 1 = 29$

c $25 - 4 = 21$ akkasumas $21 + 4 = 25$

GILGAALA 1.17

Kanneen armaan gadiif hima wal qixaa hir'isuu barreessi.

- 1 $16 + 2 = 18$ akkasumas $18 - 2 = 16$.
- 2 $38 + 1 = 39$ akkasumas _____
- 3 $64 + 2 = 66$ akkasumas _____
- 4 $74 + 5 = 79$ akkasumas _____
- 5 $92 + 6 = 98$ akkasumas _____

Fakkeenya 14

Dhugaa armaan gadii shaakali

- a $14 - 6 = 8$ waan ta'eef $14 - 8 = 6$
- b $12 - 9 = 3$ waan ta'eef $12 - 3 = 9$

GILGAALA 1.18

Kanneen armaan gadii haala armaan oliitiin hojjadhu.

- 1 $18 - 4 = 14$ waan ta'eef $18 - 14 =$ _____
- 2 $16 - 7 = 9$ waan ta'eef $16 - 9 =$ _____
- 3 $11 - 5 = 6$ waan ta'eef $11 - 6 =$ _____
- 4 $21 - 12 = 9$ waan ta'eef $21 - 9 =$ _____
- 5 $24 - 13 = 11$ waan ta'eef $24 - 11 =$ _____

GILGAALA 1.19

Pirobileemota armaan gadiif deebii barbaadi.

- 1 Obbo Tulluun bara darbe biqiltuu ejersaa 24 dhaabanii turan. Bara kana ammoo biqiltuu ejersaa 5 dhaaban. Walitti Obbo Tulluun biqiltuu meeqa dhaaban?
- 2 Aadde Dammeen re'oota 36 qabu. Re'een isaanii tokko ilmoolee 2 yoo dhalte, walitti re'oota meeqa godhatan?

- 3 Caalaan qarshii 46 qaba. Qarshii 5'n yoo dabtara bite, qarshii meeqatu hafaaf?
- 4 Taliileen burtukaanota 18 qabdi. Burtukaanota 3 yoo nyaattee fi burtukaanota 2 immoo obboleettii isheef yoo kennite, burtukaanota meeqatuu hafaaf?
- 5 Obbo Baalchaan qarshii 85'n qubeessaa fi qarshii 4'n immoo muuzii bitatan. Walumatti obbo Balchaan qarshii meeqa baasan?

1.4 LAKKOOF SOTA DIJITII LAMAA IRRATTI KAN DIJITII TOKKOO IDA'UU FI KAN DIJITII LAMAA IRRAA KAN DIJITII TOKKOO HIR'ISUU

1.4.1 LAKKOOF SOTA DIJITII LAMAA IRRAA KAN DIJITII TOKKOO HAMBIFANNAAN IDA'UU

Lakkoofsota dijiitii tokkoo fi kan dijiitota lamaa hambifannaan ida'uuf haala fakkeenya armaan gadii hordofuun ni danda'ama.

Fakkeenya 15

Ida'i

$$\begin{aligned}
 \text{a} \quad 29 + 7 &= 20 + 9 + 7 \\
 &= 20 + 16 \\
 &= 20 + 10 + 6 \\
 &= 30 + 6 \\
 &= \underline{36}
 \end{aligned}$$

$$\begin{aligned}
 \text{b} \quad 45 + 8 &= 40 + 5 + 8 \\
 &= 40 + 13 \\
 &= 40 + 10 + 3 \\
 &= 50 + 3 \\
 &= \underline{53}
 \end{aligned}$$

$$\begin{aligned}
 \text{c} \quad 76 + 8 &= 70 + 6 + 8 \\
 &= 70 + 14 \\
 &= 70 + 10 + 4 = \underline{84}
 \end{aligned}$$

$$\begin{aligned}
 \text{d} \quad 54 + 6 &= 50 + 4 + 6 \\
 &= 50 + 10 \\
 &= \underline{60}
 \end{aligned}$$

GILGAALA 1.20


Fakkeenya armaan olii hordofuun kanneen armaan gadii ida'i.

- 1 $13 + 8 = \underline{\quad}$ 2 $23 + 7 = \underline{\quad}$ 3 $36 + 7 = \underline{\quad}$
 4 $48 + 6 = \underline{\quad}$ 5 $56 + 8 = \underline{\quad}$ 6 $67 + 9 = \underline{\quad}$
 7 $76 + 6 = \underline{\quad}$ 8 $87 + 8 = \underline{\quad}$ 9 $88 + 9 = \underline{\quad}$
 10 $64 + 7 = \underline{\quad}$


Lakkoofsota dijiitota lamaa fi lakkoofsa dijiitii tokkoo walitti ida'uuf gatii bakkaatti gargaaramuu ni dandeenya.

Fakkeenya 16

a $36 + 7 = \underline{\quad}$

1 ^{ffaa} : Dura 6 fi 7 walitti idaana, $6 + 7 = 13$.	K	T	Hambifannaa $\begin{array}{r} 36 \\ + 7 \\ \hline 43 \\ \hline \end{array}$
2 ^{ffaa} : 13 keessa kurna 1 fi tokkee 3tu jiru. Kanaaf gatii bakkaa tokkee keessatti 3 barreessinee, 1 gara mana kudhaniitti fudhannee idaana.	1		
Kunis $1 + 3 = 4$.	3	6	
3 ^{ffaa} : Kanaafuu kurnan 4 fi tokkee 3 qabna.	+	7	
	<u>4</u>	<u>3</u>	

b Ida'i: $28 + 2 = \underline{\quad}$

K	T	Hambifannaa $\begin{array}{r} 28 \\ + 2 \\ \hline 30 \\ \hline \end{array}$
1		
2	8	
+	2	
<u>3</u>	<u>0</u>	

c $67 + 7$

Jalqaba gatii tokkee ida'i.

$$7 + 7 = 14$$

= Kudhan 1 + Tokkeewwan 4

Kuran Tokkee

$$\begin{array}{r} \boxed{1} \\ 6 \ 7 \\ + \ 7 \\ \hline 7 \ 4 \end{array}$$

Gatii bakkaa kudhanii ida'i.

$$= 1 + 6 = \text{Kuran } 7$$

GILGAALA 1.21

Kanneen armaan gadii ida'i.

a	$\begin{array}{r} \underline{\underline{K}} \ \underline{\underline{T}} \\ + 1 \ 5 \\ \hline \end{array}$	b	$\begin{array}{r} \underline{\underline{K}} \ \underline{\underline{T}} \\ + 2 \ 5 \\ \hline \end{array}$	c	$\begin{array}{r} \underline{\underline{K}} \ \underline{\underline{T}} \\ + 3 \ 6 \\ \hline \end{array}$
d	$\begin{array}{r} \underline{\underline{K}} \ \underline{\underline{T}} \\ + 4 \ 6 \\ \hline \end{array}$	e	$\begin{array}{r} \underline{\underline{K}} \ \underline{\underline{T}} \\ + 6 \ 7 \\ \hline \end{array}$	f	$\begin{array}{r} \underline{\underline{K}} \ \underline{\underline{T}} \\ + 7 \ 8 \\ \hline \end{array}$
g	$\begin{array}{r} \underline{\underline{K}} \ \underline{\underline{T}} \\ + 8 \ 5 \\ \hline \end{array}$	h	$\begin{array}{r} \underline{\underline{K}} \ \underline{\underline{T}} \\ + 8 \ 6 \\ \hline \end{array}$		

1.4.2 LAKKOOF SOTA DIJITII TOKKOO LAKKOOF SOTA DIJITII LAMAA IRRAA LIQEEFFANNAAN HIR'ISUU

Fakkeenya 17

a $24 - 6$

As irratti yoo gatii bakkaatiin hir'isinne $4 - 6$ jechuu ta'a. Kun ammo hin danda'amu. Mee cirracha 4 qabda haa jennu. Kanarraa cirracha 6 fuudhi. Meeqatu siif hafa? Gareedhaan irratti mari'adhu. Hin danda'amu yoo jettan sirriidha. Kanaafuu haala armaan gadiiti fayyadamna.

$$\begin{aligned} 24 - 6 &= 10 + 10 + 4 - 6 \\ &= 10 + 14 - 6 \text{ (Kudhan 1 fi tokkeen 4, tokkee 14 ta'a)} \\ &= 10 + 8 = \underline{18} \end{aligned}$$

b $96 - 8 = 90 + 6 - 8$

$$\begin{aligned} &= 80 + 10 + 6 - 8 \\ &= 80 + 16 - 8 \\ &= 80 + 8 = \underline{88} \end{aligned}$$

GILGAALA 1.22

Fakkeenya armaan olii hordofuun bakka duwwaa guuti.

1 $28 - 9 = \underline{\quad}$

2 $26 - 8 = \underline{\quad}$

3 $36 - 7 = \underline{\quad}$

4 $32 - 6 = \underline{\quad}$

5 $43 - 5 = \underline{\quad}$

6 $50 - 9 = \underline{\quad}$

7 $54 - 7 = \underline{\quad}$

8 $62 - 5 = \underline{\quad}$

9 $68 - 9 = \underline{\quad}$

10 $72 - 8 = \underline{\quad}$

11 $73 - 5 = \underline{\quad}$

12 $80 - 8 = \underline{\quad}$

13 $84 - 9 = \underline{\quad}$

14 $93 - 5 = \underline{\quad}$

15 $93 - 8 = \underline{\quad}$

16 $34 - 9 = \underline{\quad}$

Gatii bakkaatti fayyadamuun hir'isuunis ni danda'ama.

Fakkeenya 18

a	$\begin{array}{r l} \hline K & T \\ \hline 9 & 2 \\ \hline & 5 \\ \hline \end{array}$	$\begin{array}{r l} \hline T \\ \hline 2 \\ \hline 5 \\ \hline \end{array}$	<p>2 irraa 5 hir'isuun hindanda'amu.</p> <p>Kunis 5 irra guddaa 2 waan ta'eef.</p> <p>Kanaafuu, kurnan 9 gara kurnan 8 fi tokkeewwan 10tti jijjiirra.</p> <p>Tokkee $10 + 2 =$ tokkee 12</p> <p>Tokkee $12 -$ tokkee 5 = tokkee 7 mana tokkeetti barreessi.</p> <p>8 immoo mana kudhaniitti barreessi.</p>
---	---	---	--

Kurna 1 tokkee 10 ta'uusaa hubadhu. Kanaafuu akka armaan gadiitti taa'a.

$\begin{array}{r l} \hline K & T \\ \hline 1 & \\ \hline 8 & 2 \\ \hline & 5 \\ \hline \end{array}$	→	$\begin{array}{r l} \hline K & T \\ \hline & 10 \\ \hline 8 & 2 \\ \hline & 5 \\ \hline \end{array}$
---	---	--

Amma 10 fi 2 walitti ida'uun 12 barreessi.

$\begin{array}{r l} \hline K & T \\ \hline & 10 \\ \hline 8 & 2 \\ \hline & 5 \\ \hline \end{array}$	→	$\begin{array}{r l} \hline K & T \\ \hline 8 & 12 \\ \hline & 5 \\ \hline 8 & 7 \\ \hline \end{array}$	<p>Kanaafuu</p> <p>92-5=87</p>
--	---	--	--

b Hir'isi: $67 - 9 =$ _____

Jalqaba gatii tokkee ilaali.
 $7 < 9$. Kanaafuu 7 irraa 9 hir'isuun hindanda'amu. Gatii kudhanii irraa 1 liqeeffadhu.
 $67 =$ Kurnan 5 + tokkeewwan 17 ta'a.
 $17 - 9 =$ Tokkeewwan 8
 8 mana tokkee keessatti barreessi.

Kurnan Tokkee

5	17
6	7
— 9	
5	8

↑ ↑

Itti aansuun 5 mana kurnaniitti barreessi.

GILGAALA 1.23

Kanneen armaan gadii hir'isi.

1	2	3
$\begin{array}{ c c } \hline \underline{K} & \underline{T} \\ \hline - & 2 & 4 \\ \hline & & 6 \\ \hline \end{array}$	$\begin{array}{ c c } \hline \underline{K} & \underline{T} \\ \hline - & 2 & 2 \\ \hline & & 8 \\ \hline \end{array}$	$\begin{array}{ c c } \hline \underline{K} & \underline{T} \\ \hline - & 3 & 0 \\ \hline & & 2 \\ \hline \end{array}$
=====		
4	5	6
$\begin{array}{ c c } \hline \underline{K} & \underline{T} \\ \hline - & 3 & 1 \\ \hline & & 4 \\ \hline \end{array}$	$\begin{array}{ c c } \hline \underline{K} & \underline{T} \\ \hline - & 4 & 2 \\ \hline & & 8 \\ \hline \end{array}$	$\begin{array}{ c c } \hline \underline{K} & \underline{T} \\ \hline - & 4 & 0 \\ \hline & & 5 \\ \hline \end{array}$
=====		

$$7 \quad \begin{array}{r} \underline{\underline{K}} \quad \underline{\underline{T}} \\ - \quad 5 \quad 2 \\ \hline \quad \quad 6 \end{array}$$

8

$$\begin{array}{r} \underline{\underline{K}} \quad \underline{\underline{T}} \\ - \quad 6 \quad 1 \\ \hline \quad \quad 3 \end{array}$$

9

$$\begin{array}{r} \underline{\underline{K}} \quad \underline{\underline{T}} \\ - \quad 7 \quad 2 \\ \hline \quad \quad 8 \end{array}$$

$$10 \quad \begin{array}{r} \underline{\underline{K}} \quad \underline{\underline{T}} \\ - \quad 7 \quad 6 \\ \hline \quad \quad 6 \end{array}$$

11

$$\begin{array}{r} \underline{\underline{K}} \quad \underline{\underline{T}} \\ - \quad 6 \quad 0 \\ \hline \quad \quad 8 \end{array}$$

12

$$\begin{array}{r} \underline{\underline{K}} \quad \underline{\underline{T}} \\ - \quad 8 \quad 3 \\ \hline \quad \quad 4 \end{array}$$

$$13 \quad \begin{array}{r} \underline{\underline{K}} \quad \underline{\underline{T}} \\ - \quad 9 \quad 5 \\ \hline \quad \quad 6 \end{array}$$

14

$$\begin{array}{r} \underline{\underline{K}} \quad \underline{\underline{T}} \\ - \quad 9 \quad 0 \\ \hline \quad \quad 6 \end{array}$$

15

$$\begin{array}{r} \underline{\underline{K}} \quad \underline{\underline{T}} \\ - \quad 8 \quad 6 \\ \hline \quad \quad 7 \end{array}$$

$$16 \quad \begin{array}{r} \underline{\underline{K}} \quad \underline{\underline{T}} \\ - \quad 6 \quad 2 \\ \hline \quad \quad 6 \end{array}$$

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1.5 LAKKOOF SOTA DIJIITOTA LAMAA HAMBIFANNAA MALEE IDA'UU FI LIQEEFFANNAA MALEE HIR'ISUU

1.5.1 LAKKOOF SOTA DIJIITOTA LAMAA HAMBIFANNAA MALEE IDA'UU

Fakkeenya 19

$$\begin{aligned} \text{a} \quad 42 + 26 &= 40 + 2 + 20 + 6 \\ &= 40 + 20 + 2 + 6 \\ &= 60 + 8 \\ &= \underline{68} \end{aligned}$$

$$\begin{aligned} \text{b} \quad 34 + 63 &= 30 + 4 + 60 + 3 \\ &= 30 + 60 + 4 + 3 \\ &= 90 + 7 \\ &= \underline{97} \end{aligned}$$

GILGAALA 1.24

Fakkeenya armaan olii hordofuun kanneen armaan gadii ida'i.

$$1 \quad 25 + 34 = \underline{\quad}$$

$$2 \quad 33 + 24 + 41 = \underline{\quad}$$

$$3 \quad 81 + 15 = \underline{\quad}$$

$$4 \quad 72 + 24 = \underline{\quad}$$

$$5 \quad 43 + 56 = \underline{\quad}$$

$$6 \quad 45 + 54 = \underline{\quad}$$

$$7 \quad 50 + 49 = \underline{\quad}$$

$$8 \quad 38 + 41 + 10 = \underline{\quad}$$

$$9 \quad 14 + 13 + 22 = \underline{\quad}$$

$$10 \quad 83 + 16 = \underline{\quad}$$

Yaadrimee gatii bakkaa lakkoofsotaatti fayyadamuun, lakkoofsota dijiitota lamaa ida'uunis ni danda'ama.

Fakkeenya 20

$$1 \quad \text{Ida'i: } 35 + 24 = \underline{\quad}$$

$$\begin{array}{r|l}
 \underline{K} & \underline{T} \\
 + 3 & 5 \\
 2 & 4 \\
 \hline
 5 & 9 \\
 \hline
 \end{array}$$

Dursa tokkeewwan walitti ida'i.

$$5 + 4 = 9.$$

Itti aansuun kurnan walitti ida'i.

$$3 + 2 = 5.$$

Kanaafuu,

$$35 + 24 = 59$$

2 Ida'i: $21 + 46 =$ _____

$$\begin{array}{r|l}
 \underline{K} & \underline{T} \\
 + 2 & 1 \\
 4 & 6 \\
 \hline
 6 & 7 \\
 \hline
 \end{array}$$

Dursa tokkeewwan walitti ida'i.

$$1 + 6 = 7$$

Itti aansuun kurnan walitti ida'i.

$$2 + 4 = 6$$

Kanaafuu,

$$21 + 46 = 67$$

GILGAALA 1.25

Kanneen armaan gadii ida'i.

1
$$\begin{array}{r}
 45 \\
 +33 \\
 \hline
 \hline
 \end{array}$$

2
$$\begin{array}{r}
 53 \\
 +26 \\
 \hline
 \hline
 \end{array}$$

3
$$\begin{array}{r}
 38 \\
 +41 \\
 \hline
 \hline
 \end{array}$$

4
$$\begin{array}{r}
 43 \\
 +56 \\
 \hline
 \hline
 \end{array}$$

5
$$\begin{array}{r}
 84 \\
 +13 \\
 \hline
 \hline
 \end{array}$$

6
$$\begin{array}{r}
 63 \\
 +15 \\
 \hline
 \hline
 \end{array}$$

	72		68		80
7	<u>+25</u>	8	<u>+11</u>	9	<u>+10</u>
	====		====		====
	25		75		38
10	<u>+14</u>	11	<u>+21</u>	12	<u>+41</u>
	====		====		====

1.5.2 LIQEEFANNAA MALEE LAKKOOFSA DIIJITOTA LAMAA WALIRRAA HIR'ISUU

Lakkoofsota dijiitota lamaa walirraa hir'isuuf gatii bakkaatti gargaaramna. Tooftaa kana shaakaluuf fakkeenya armaan gadii sirriitti ilaali.

Fakkeenya 21

Gatii bakkaatti gargaaramuun hir'isuu

a Hir'isi: $46 - 32 =$ _____

	<u>K</u>	<u>T</u>
-	4	6
	3	2
	<u>1</u>	<u>4</u>

Tokkeewwan walirraa hir'isi.

$$6 - 2 = 4.$$

Kurnan walirraa hir'isi.

$$4 - 3 = 1.$$

Kanaafuu

$$46 - 32 = 14$$

b Hir'isi: $87 - 43 =$ _____

K	T
8	7
4	3
4	4

Tokkeewwan walirraa hir'isi.

$$7 - 3 = 4.$$

Kurnan walirraa hir'isi.

$$8 - 4 = 4.$$

Kanaafuu

$$87 - 43 = 44$$

GILGAALA 1.26

Kanneen armaan gadii hir'isi.

	25		36		43
1	<u>-14</u>	2	<u>-24</u>	3	<u>-32</u>
	=====		=====		=====
	58		49		63
4	<u>-23</u>	5	<u>-13</u>	6	<u>-42</u>
	=====		=====		=====
	68		76		73
7	<u>-55</u>	8	<u>-56</u>	9	<u>-12</u>
	=====		=====		=====

	83		86		45
10	<u>-72</u>	11	<u>-63</u>	12	<u>-14</u>
	=====		=====		=====
	95		97		75
13	<u>-14</u>	14	<u>-14</u>	15	<u>-14</u>
	=====		=====		=====

GILGAALA 1.27

Pirobileemota jechaa armaan gadii furi.

- 1 Aadde Toltuun biqiltuu 63 dhaabani. Ilmi isaanii immoo biqiltuu 35 dhaabe. Walumatti Aadde Toltuu fi ilmi isaanii biqiltuu meeqa dhaabani?
- 2 Obbo Caalaan ji'a ji'aan qarshii qusatu. Hammi isaan qusatan gabatee armaan gadii irrati ibsameera.

Ji'a	Baay'ina Qarshii Qusatamee
Fulbaana	23
Onkoloolessa	21
Sadaasa	27
Mudde	35

- a Obbo Caalaan ji'a kam qarshii baayyee kaawwatan?
- b Ji'a kam qarshii xiqqoo kaawwatan?
- c Ida'amni qarshii Obbo Caalaan ji'oota Fulbaanaa, Onkoloolessaa fi Mudde keessatti kaawwatan qarshii meeqa?
- d Qarshiin Obbo Caalaan ji'a Sadaasaa kaawwatan kan Ji'a Fulbaanaa kaawwatan meeqaan caala?

- e Qarshiin Obbo Caalaan ji'a Muddee kaawwatan kan ji'a Onkoloolessaa kaawwatan meeqaan caala?
- 3 Kadiir re'oota 46 qaba ture. Re'oota 12 yoo gurgurate, re'oota meeqatu hafaaf?
- 4 Roobaleen qarshii 62 qaba. Abbaan isaa qarshii 36 yoo dabalaniif, Roobaleen qarshii meeqa godhata?
- 5 Foziyaan burtukaanota 36 qabdi. Burtukaanota 22 yoo gurgurate, burtukaanota meeqatu hafaaf?

1.6 LAKKOOF SOTA DIJIITOTA LAMA LAMAA HAMBIFANNAAN IDA'UU FI LIQEEFFANNAAN HIR'ISUU

1.6.1 LAKKOOF SOTA DIJIITOTA LAMA LAMAA HAMBIFANNAAN IDA'UU

Amma ammatti lakkoofsota dijiitota lama lama qaban hambifannaa malee ida'uu shaakaltee jirta. Amma immoo hambifannaa waliin ida'uu baratta.

Fakkeenya 22

$$\begin{aligned}
 \text{a} \quad 17 + 26 &= 10 + 7 + 20 + 6 \\
 &= 10 + 20 + 7 + 6 \\
 &= 10 + 20 + 13 \\
 &= 10 + 20 + 10 + 3 \\
 &= 40 + 3 \\
 &= \underline{43}
 \end{aligned}$$

$$\begin{aligned}
 \text{b} \quad 78 + 15 &= 70 + 8 + 10 + 5 \\
 &= 70 + 10 + 8 + 5 \\
 &= 70 + 10 + 13 \\
 &= 70 + 10 + 10 + 3 \\
 &= 90 + 3 \\
 &= \underline{93}
 \end{aligned}$$

GILGAALA 1.28

Haala fakkeenya armaan oliitiin ida'i.

1 $16 + 27 = \underline{\quad}$

2 $47 + 36 = \underline{\quad}$

3 $56 + 34 = \underline{\quad}$

4 $77 + 14 = \underline{\quad}$

5 $63 + 19 = \underline{\quad}$

6 $76 + 15 = \underline{\quad}$

7 $26 + 28 + 17 = \underline{\quad}$

8 $15 + 19 + 29 = \underline{\quad}$

9 $65 + 17 = \underline{\quad}$

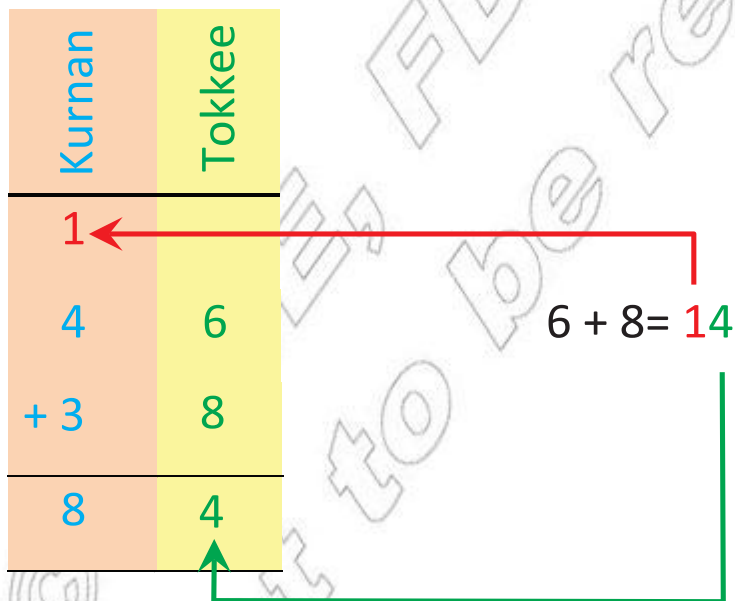
10 $42 + 38 = \underline{\quad}$

Yaadrimee gatii bakkaatti fayyadamuunis lakkoofsota dijiitota lama lama qaban walitti ida'uun ni danda'ama.

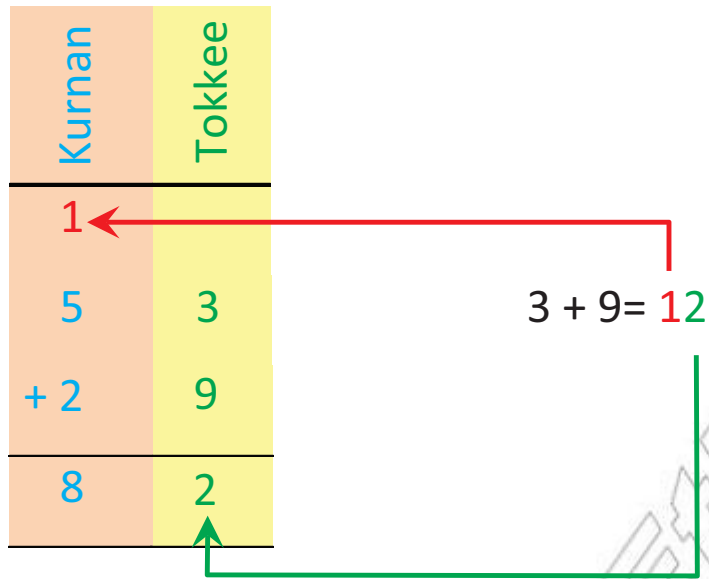
Fakkeenya 23

Gatii bakkaatti gargaaramuun ida'uu

a $46 + 38 = \underline{\quad}$



b $53 + 29 = \underline{\hspace{2cm}}$



GILGAALA 1.29

Kanneen armaan gadii ida'i.

1	$\begin{array}{r} 46 \\ +17 \\ \hline \\ \hline \end{array}$	2	$\begin{array}{r} 65 \\ +28 \\ \hline \\ \hline \end{array}$	3	$\begin{array}{r} 69 \\ +28 \\ \hline \\ \hline \end{array}$
4	$\begin{array}{r} 73 \\ +19 \\ \hline \\ \hline \end{array}$	5	$\begin{array}{r} 27 \\ +23 \\ \hline \\ \hline \end{array}$	6	$\begin{array}{r} 67 \\ +13 \\ \hline \\ \hline \end{array}$
7	$\begin{array}{r} 56 \\ +27 \\ \hline \\ \hline \end{array}$	8	$\begin{array}{r} 58 \\ +27 \\ \hline \\ \hline \end{array}$	9	$\begin{array}{r} 37 \\ +29 \\ \hline \\ \hline \end{array}$

1.6.2 LAKKOOF SOTA DIJIITOTA LAMA LAMA QABAN LIQEEFFANNAAN HIR'ISUU

Lakkoofsota dijiitota lama lama qaban liqeeffannaan walirraa hir'isuuf tooftaa armaan gadiitti fayyadamna.

Fakkeenya 24

Gatii bakkaatti gargaaramuun hir'isi.

a $94 - 77 = \underline{\hspace{2cm}}$

Jalqaba gatii tokkee ilaali.

$4 < 7$. Kanaafuu 4 irraa 7 hir'isuun hindanda'amu.

- 1 Gatii kudhanii irraa 1 liqeeffadhu.
- 2 $94 =$ Kurnan 8 + tokkeewwan 14 ta'a.
- 3 $14 - 7 =$ Tokkeewwan 7
- 4 7 gatii bakkaa tokkee keessatti barreessi.

Kurnan Tokkee

8 14

~~8~~ ~~14~~

$- \underline{7 \ 7}$

$\underline{1 \ 7}$

$\uparrow \ \uparrow$

Itti aansuun $8 - 7 = 1$ gatii bakkaa kurnaniitti barreessi.

b $43 - 29 = \underline{\hspace{2cm}}$

43

$- \underline{29}$

$\underline{\underline{14}}$

Kurna 1 gara tokkeewwan 10tti dabarfanna.

$$3 + 10 = 13$$

$13 - 9 = 4$. Kanaafuu tokkeewwan 4 arganna. Kudhan 1 waan liqeeffanneef, kurnan 3tu nuuf hafa. $3 - 2 = 1$. Mana kurnaatti barreessina.

GILGAALA 1.30

Kanneen armaan gadii hir'isi.

$\begin{array}{r} 93 \\ - 89 \\ \hline \end{array}$	$\begin{array}{r} 31 \\ - 24 \\ \hline \end{array}$	$\begin{array}{r} 85 \\ - 38 \\ \hline \end{array}$
=	=	=
$\begin{array}{r} 30 \\ - 21 \\ \hline \end{array}$	$\begin{array}{r} 21 \\ - 17 \\ \hline \end{array}$	$\begin{array}{r} 77 \\ - 69 \\ \hline \end{array}$
=	=	=
$\begin{array}{r} 52 \\ - 36 \\ \hline \end{array}$	$\begin{array}{r} 92 \\ - 34 \\ \hline \end{array}$	
=	=	

Lakkoofsota lama walirraa hir'isitee sirrii ta'uu kee hir'isaa fi caalmaa ida'uudhaan mirkaneeffadhu. Kanaaf immoo fakkeenya armaan gadii sirritti ilaali.

Fakkeenya 25

- a $94 - 37 = 57$, sababni isaa $57 + 37 = 94$
- b $27 - 18 = 9$, sababni isaa $9 + 18 = 27$
- c $65 - 38 = 27$, sababni isaa $27 + 38 = 65$

GILGAALA 1.31

Bakka duwwaa armaan gadii guuti.

- 1 $53 - \underline{\quad} = 36$ sababni isaa $\underline{\quad} + 36 = 53$
- 2 $42 - \underline{\quad} = 26$ sababni isaa $\underline{\quad} + 26 = 42$
- 3 $75 - \underline{\quad} = 49$ sababni isaa $\underline{\quad} + 49 = 75$

4 $36 - \underline{\quad} = 17$ sababni isaa $\underline{\quad} + 17 = 36$

5 $94 - \underline{\quad} = 18$ sababni isaa $\underline{\quad} + 18 = 94$

6 $41 - \underline{\quad} = 23$ sababni isaa $\underline{\quad} + 23 = 41$

1.7 PIROBLEEMOTA JECHAA IDA'UU FI HIR'ISUU HAMMA 100TTI OF KEESSAA QABAN

Pirobileemonni hir'isuu deebii hinqabne jiru. Kanaaf immoo fakkeenya armaan gadii ilaali.

Fakkeenya 26

- a Hawwiin qarshii 18 qabdi. Qarshii 22'n lukkuu yoo bitatte, qarshii meeqatu hafaaf?

Deebii

Hir'isuun kun furmaata hinqabu. Kunis qarshii 18 irraa qarshii 22 hir'isuun waan hindanda'amneef.

b $27 - 36 = \underline{\quad}$

Deebii:

Pirobileemiin kunis lakkoofsota hundaa keessatti furmaata hinqabu.

GILGAALA 1.32

Pirobileemota armaan gadiif deebii barbaadi.

- 1 Obbo Mohaammad daldaluuf burtukaanota 76 bitan. Kana keessaa burtukaanota 28 yoo gurguratan , burtukaanota meeqatu hafaaf?
- 2 Aadde Leenseen re'ee qarshii 75ttii fi lukkuu qarshii 20tti gurguratan. Walitti qarshii meeqatti gurguratan?

3 *Gabateen armaan gadii baay'ina barattoota mana barumsa sadarkaa tokkoffaa tokkoo mul'isa.*

Kutaa	Baay'ina Barattootaa
1 ^{ffaa}	45
2 ^{ffaa}	37
3 ^{ffaa}	43
4 ^{ffaa}	39

- a Baay'inni barattoota kutaa 1^{ffaa} fi 2^{ffaa} walitti meeqa?
- b Baay'inni barattoota kutaa 1^{ffaa} kan kutaa 4^{ffaa} meeqaan caala?
- c Ida'amni barattoota kutaa 2^{ffaa} fi 3^{ffaa} meeqa?
- d Baay'inni barattoota kutaa 3^{ffaa} kan kutaa 2^{ffaa} meeqaan caala?
- 4 Abdallaan qarshii 36 qaba. Qarshii 17 abbaasaa fi qarshii 16 obboleessi isaa dabalaniifii jiru. Walitti Abdallaan qarshii meeqa qaba?
- 5 *Najaat, Dureettiinii fi Boontuun biqiltoota baay'inni isaa gabatee armaan gadii irratti kenname dhaabani.*

Maqaa	Baay'ina Biqiltootaa
Boontuu	38
Najaat	47
Dureettii	29

- a Biqiltoonni Boontuu fi Najaat dhaaban meeqa?
- b Biqiltoonni Boontuu fi Dureettiin dhaaban walitti meeqa?
- c Biqiltoonni Najaat fi Dureettiin dhaaban walitti meeqa?
- d Biqiltoonni Najaat dhaabde kan Boontuun dhaabde meeqaan caala?
- e Biqiltoonni Najaat dhaabde kan Dureettiin dhaabde meeqaan caala?
- f Biqiltoonni Boontuun dhaabde kan Dureettiin dhaabde meeqaan caala?