

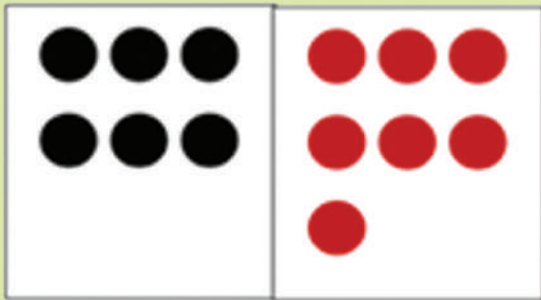
# HERREGA

## Kitaaba Barattootaa

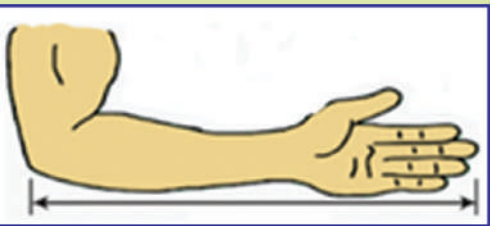
### Kutaa 1

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20

$$95 - 74 = 21$$



$$10 < 20 < 30 < 40$$



# HERREGA

## KITAABA BARATTOOTAA

### KUTAA 1

#### Qopheessitoonni

Tasfaayee Guddataa  
Taklamaariyaam Guutamaa  
Taaddasaa Raggaasaa

#### Gulaaltonni

Taayyee Balaaynah  
Simmany Tasammaa

#### Madaaltonni

Xilaahun Alamuu  
Dirribaa Hayilee  
Isheetuu Tufaa  
Abarraa Kootuu

#### Giraafiksii

Taaddasaa Dinquu



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Kitaabni kun walta'iinsa Biiroo Barnootaa Oromiyaafi Kolleejjii Barnoota Barsiisotaa Roobeetiin bara 2014/2022 qophaa'e.

Mirgi abbummaa kitaaba kanaa seeraan eeggamaadha. Hayyama Biiroo Barnootaa Oromiyaatiin ala guutummaan is ta'e gamisaan maxxansuus ta'e baay'isanii raabsuun seeraan nama gaafachiisa.

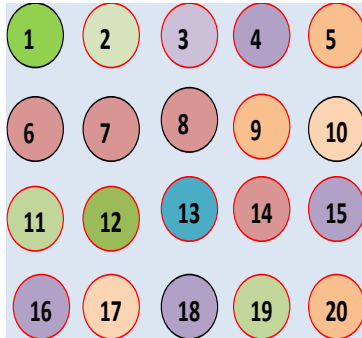
# BAAFATA

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1

### LAKKOOF SOTA HAMMA 20TTI ...

1



1.1

Lakkoofsota Lakkaawwii 1 Hamma 5 ..... 1

1

1.2

Lakkoofsota Lakkaawwii 6 Hamma 9..... 5

5

1.3

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7

1.4

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9

1.5

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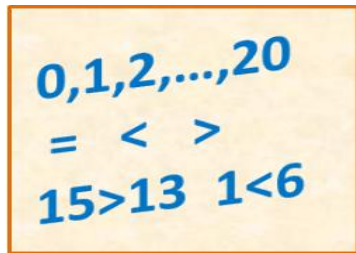
15

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17



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1

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21

2

2.

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16

3

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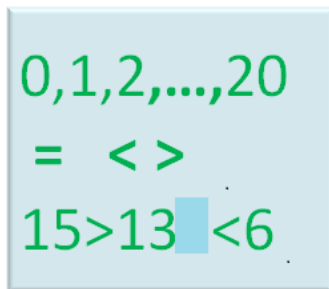
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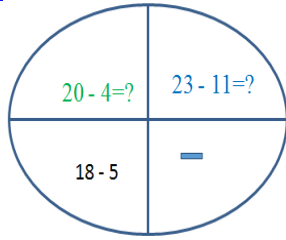
35

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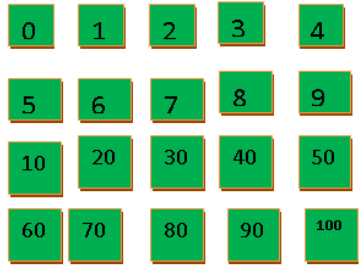


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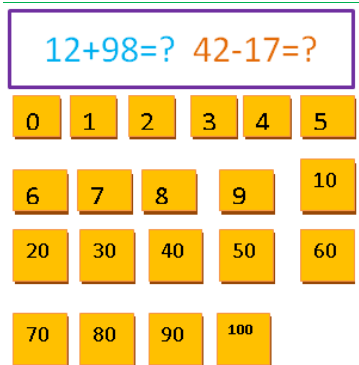


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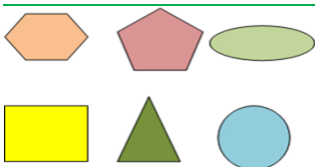


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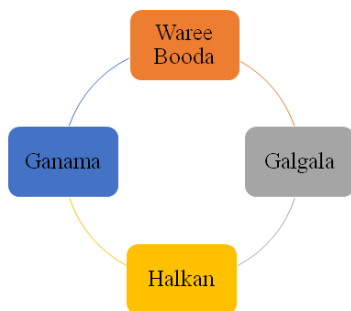
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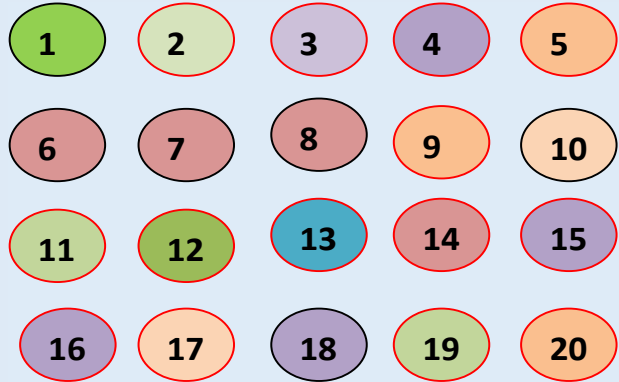
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**BOQONNAA**

**1**



**LAKKOOF SOTA HAMMA 20TTI**

### 1.1 Lakkoofsota Lakkaawwii 1 Hamma 5

#### Gocha 1

Fakkiiwwan walcinaa jiran baay'ee yookiin muraasa jechuun himi.

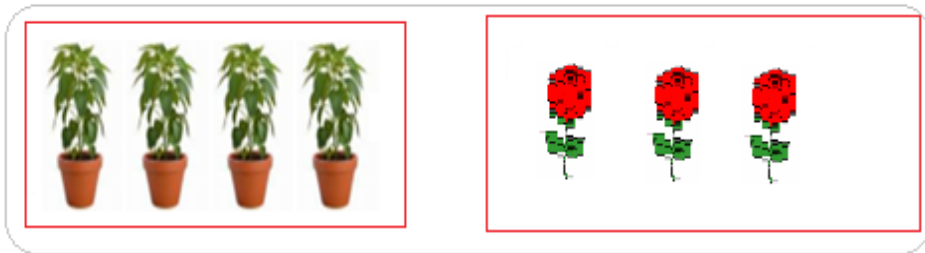
a.



b.



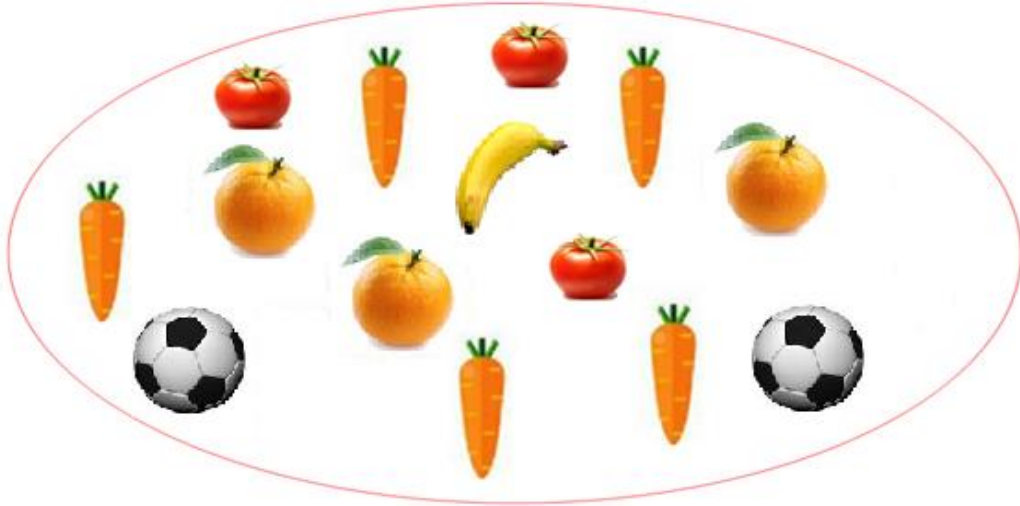
c.



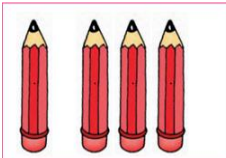
**Gocha 2**

Faaruu “**Tokkeen Tokkittuma**” jedhu faarfachuun lakkoofsota jechaan himi.

**Hojii Garee:** Gareedhaan ta’uun wantoota walfakkaatan addaan baasuun lakkaa’aa.

**Gilgaala 1**

Fakkiiwwan gabatee keessa jiran lakkaa’uun baay’ina isaanii addaan baasi.

**a.****b.****c.****d.****e.****f.**



### Gocha 3

- a. Lakkoofsota 1 hamma 5tti jiran sagalee ol kaasuun lakkaa'i.
- b. Tokkoon tokkoo baay'inni fakkiiwwan a-e jiran boca lakkoofsa isaan cinaa jiran kan bakka bu'u ta'uu hubadhu.

a.



1

b.



2

c.



3

d.



4

e.



5

**Hojii Garee:** Baay'ina fakkiiwwn armaan gadii lakkaa'uun lakkoofsota kennaman waliin walitti firoomsi.

A matching exercise for numbers 1-5. A central oval contains the numbers 1, 2, 3, 4, and 5. An arrow points from the number 3 to a box containing three lemons. Other boxes contain two apples, four oranges, five bananas, and one green apple.

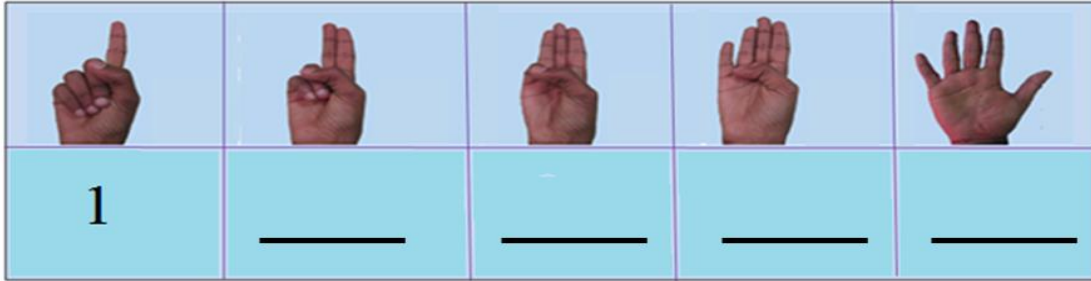
**Gilgaala 2**

Kubbaawwan saanduqa keessa jiran tokko, lama, sadii Jechuun lakkaa'uun sadii sadiin saanduqa duwwaa keessa kaa'i.

A counting and matching exercise for the number 3. It shows a box with three soccer balls, a larger box with nine soccer balls, and three empty boxes for labeling.

**Gilgaala 3**

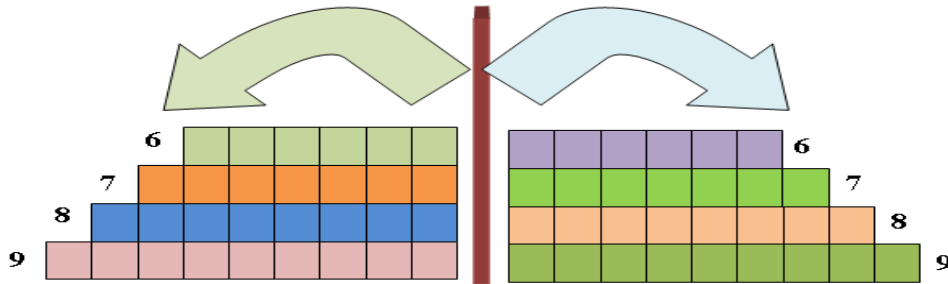
Lakkoofsota 1 hamma 5 jiran fakkii quba harkaa olqabamee jiru lakkaa'uun lakkoofsota bakka bu'an iddoo duwwaa irratti barreessi.



**1.2 Lakkoofsota Lakkaawwii 6 Hamma 9**

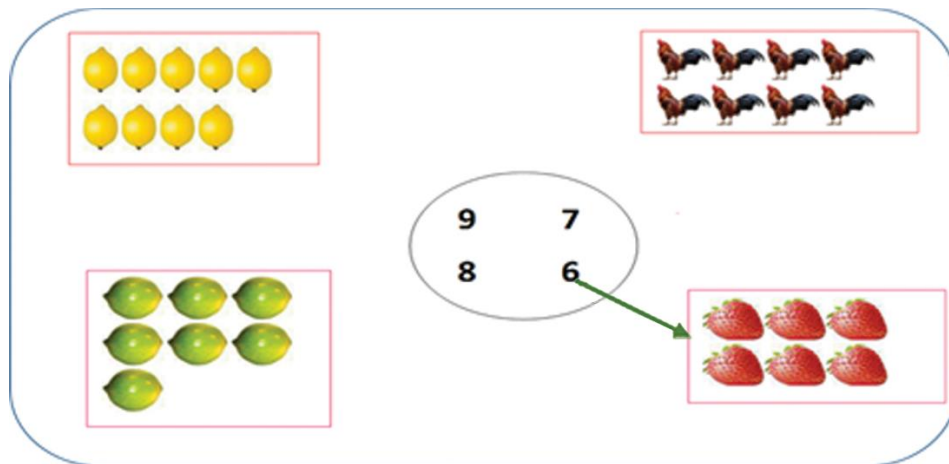
**Gocha 4**

Sagalee olkaasuun baay'ina saanduqootaa lakkaa'uun lakkoofsaan walitti firoomsuun lakkoofsota 6 hamma 9 tti jiran irra deddeebi'uun dubbisi.



**Gilgaala 4**

Baay'ina fakkii lakkaa'uun lakkoofsota kennamaniin walitti firoomsi.



**Gilgaala 5**

1. Lakkoofsota 6 hamma 9 sagalee olkaasuun irra deddeebi' uun dubbisi.
2. Lakkoofsota 6 hamma 9 dabtara irratti irra deddeebi' uun barreessi.

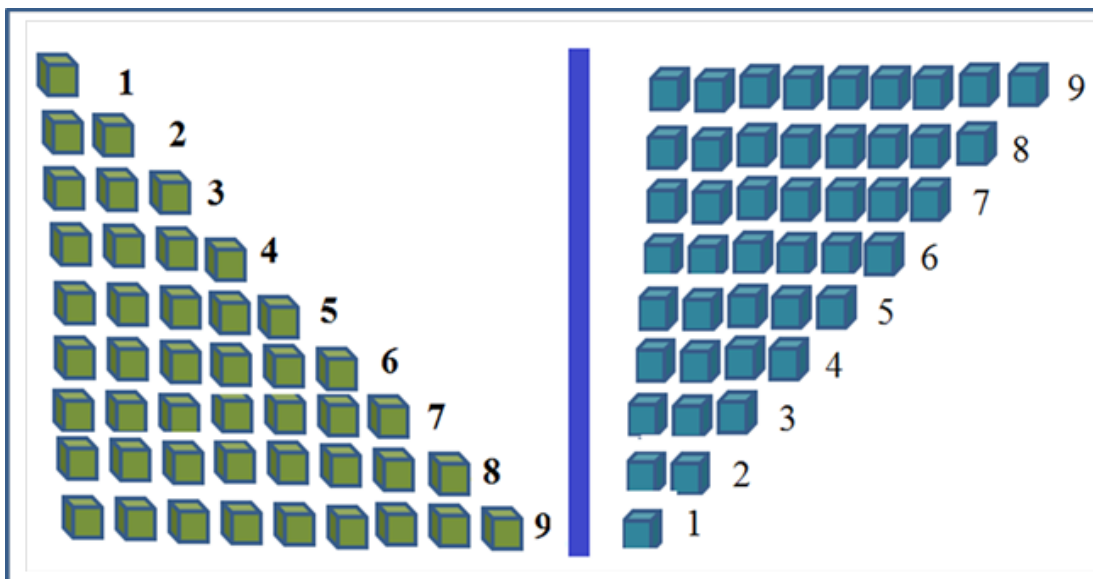
6	6	6	6				
7	7	7	7				
8	8	8	8				
9	9	9	9				

**Gilgaala 6** Bakka duw waa lakkoofsa sirrii ta' een guuti.

- a. Lakkoofsi 6tti aanu \_\_\_\_\_ dha
- b. Lakkoofsi 8tti aanu \_\_\_\_\_ dha.
- c. Lakkoofsi 7 dursu \_\_\_\_\_ dha.
- d. Lakkoofsi 9 dursu \_\_\_\_\_ dha

**Gocha 5**

Lakkoofsa 9 irraa gara duubaatti irra deddeebi' uun dubbisi.



**Gilgaala 7**

Urjiiwwan lakkaa'uun baay'ina isaanii saanduqa keessatti barreessi.

a. 

b. 

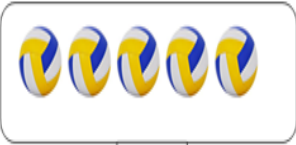



c. 

d. 

### 1.3 Lakkoofsa Zeeroo

#### Gocha 6

Kubbaawwan kennaman lakkaa'uun baay'ina isaaniisaanduqa keessatti barreessi.

a.	 <input type="text" value="5"/>	c.	 <input type="text"/>	e.	<input type="text"/> <input type="text"/>
b.	 <input type="text"/>	d.	 <input type="text"/>		

**Hojii Garee:** Tapha Taphachuu

Barsiisaa/tuu keessan waliin ta'uun tapha kenname taphachuu

Barsiisaa: Namni miila afur qabu jiraaree?

Barattoota: Hin jiru.

Barsiisaa: Namni ija afur qabu jiraaree?


Barattoota: Hin jiru.


**Hubachiisa**

- Jiraachuu dhabuun hammi wantootaa lakkoofsaan yoo ibsamu "0" ta'a


**Gilgaala 8**


Baay'ina kubbaawwan saanduqa keessa jiran lakkaa'uun saanduqa duwwaa jala jiru keessatti guuti.


a. 

b. 

c. 

d. 

e. 

f. 

**Gilgaala 9**

Lakkoofsa zeeroo irra deddeebi'uun barreessi.

0	0	0	0	0					
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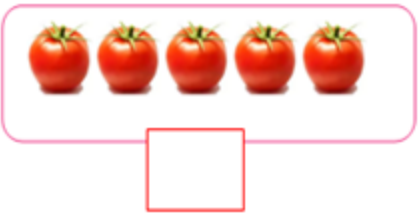


**Gilgaala 10**

Baay'ina billaachotaa lakkaa'uun lakkoofsa baay'ina isaanii ibsu waliin walitti firoomsi.

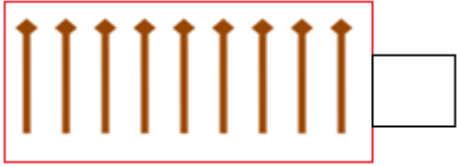
**1.4 Lakkoofsota Lakkaawwii Hamma 20**

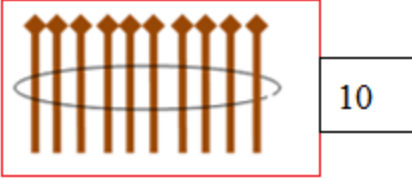
**Gocha 8**

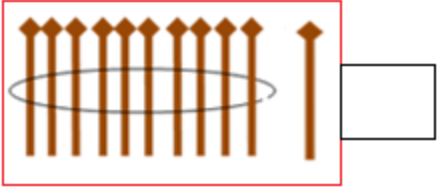
Fakkiiwwan kennaman lakkaa'uun baay'ina isaanii saanduqa jala jiru keessatti guuti.

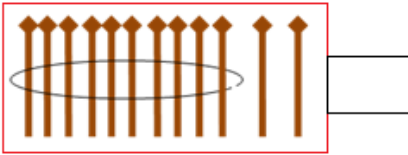
<p><b>a.</b></p> 	<p><b>b.</b></p> 
<p><b>c.</b></p> 	<p><b>d.</b></p> 

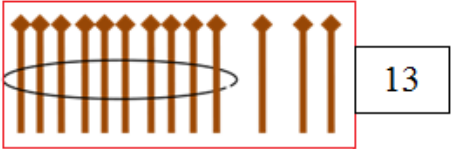
**Hojii Garee:** Fakkeenya kenname irratti hundaa'uun kan hafan guuti.

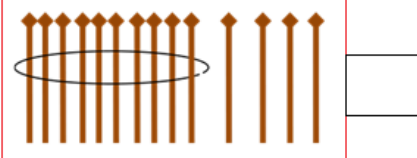
a. 

b. 

c. 

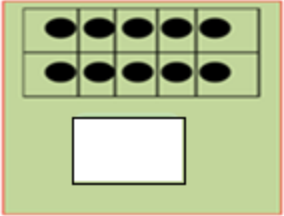
d. 

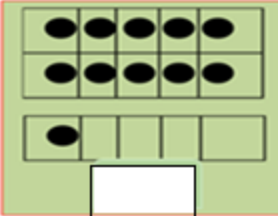
e. 

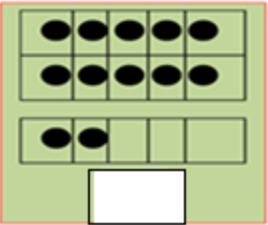
f. 

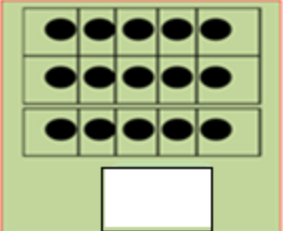
**Gilgaala 11**

Tuqaalee kennaman lakkaa'uun lakkoofsa sirrii ta'e bakka duwwaa kenname keessatti guuti.

a. 

b. 

c. 

d. 



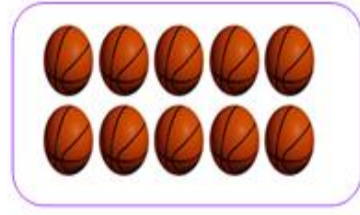
**Hojii garee:** Hariiroo lakkoofsota gidduu jiru addaan baasuu.



6



8



10

Baay'ina kubbaawwan saanduqoota sadan armaan olitti kennaman irratti hundaa'uun gaaffilee armaan gadii deebisi.

**a.** 8 lamaan 6 caala.

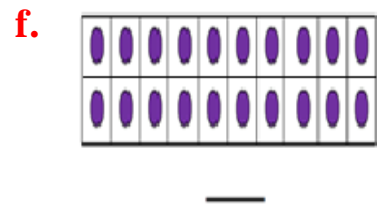
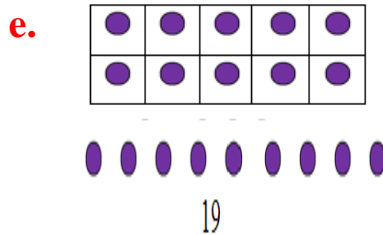
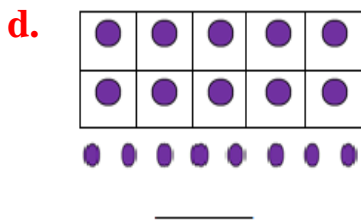
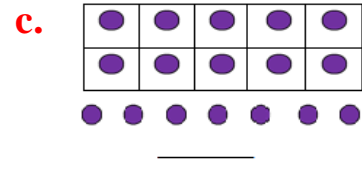
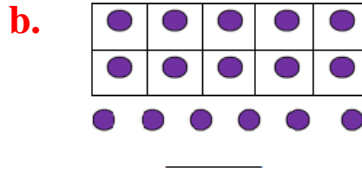
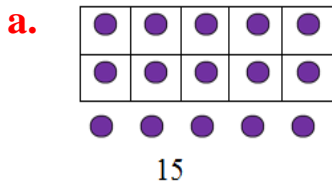
**b.** 10 \_\_\_\_\_ 8 caala.

**c.** 6 \_\_\_\_\_ 8 hanqata.

**d.** 8 \_\_\_\_\_ 10 hanqata.

### Gocha 9

**1.** Fakkeenya kenname irratti hundaa'uun lakkoofsa baay'ina tuqaalee agarsiisan bakka duwwaa irratti guuti.

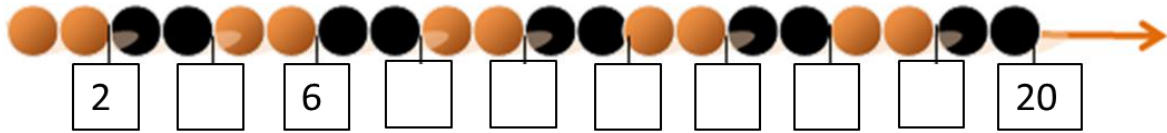


**2.** Mallattoo lakkoofsota 11 hamma 20 jiran hubachuun dubbisi.

11	12	13	14	15	16	17	18	19	20
----	----	----	----	----	----	----	----	----	----

**Gilgaala 12**

Tartiiba kennamee hordofuun lakkoofsa saanduqa keessatti guuti.



**1.5 Lakkoofsota Hamma 20tti Dubbisuufi Barreessuu**

**Gocha 10**

Lakkoofsa baay'ina tuqaalee kennaman ibsan barreessuun dubbisi.

- a. b.
- c. d.
- e. f.
- g. h.
- i. j.

**Gilgaala 13**

Fakkeenya kenname irratti hundaa’uun baay’ina fakkiiwwanii lakkoofsaafi jechaan barreessi.


a.


<b>1</b>
<b>Tokko</b>


b.



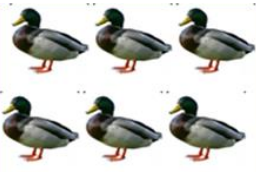
c.



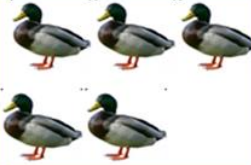
d.



e.



f.



**Gilgaala 14**

Fakkeenya kenname irratti hundaa’uun lakkoofsota kennaman irra deddeebi’uun jechaan barreessi.

a. 4: afur, afur, afur, afur

c. 9: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

b. 5: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

d. 8: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**Gilgaala 15**

Fakkeenya kenname irratti hundaa’uun lakkoofsota jechaan kennaman irra deddeebi’uun lakkaawotaan barreessi.

a. Torba: 7 , 7, 7, 7

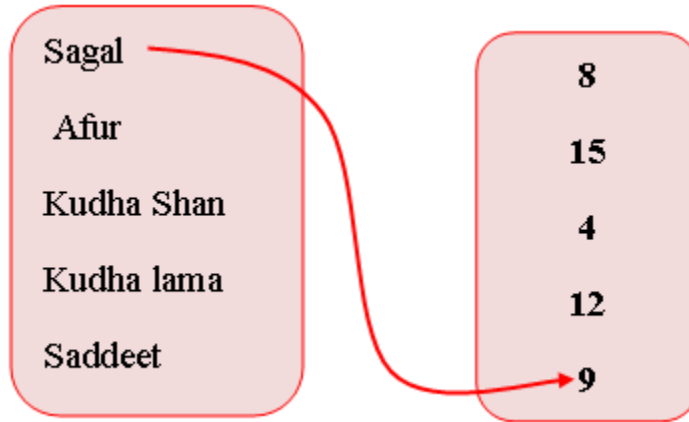
b. Shan: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

c. Kudhan: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

d. Kudha tokkoo: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**Gilgaala 16**

Lakkoofsota jechaan barreeffamanii kennaman lakkaawwotaan walitti firoomsi.

**Gilgaala 17**

Lakkoofsota jechaan barreeffaman lakkaawwotaan barreessi.




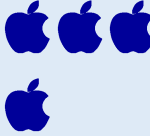
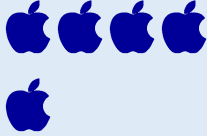
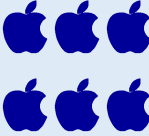
Tokko	Lama	Sadii	Afur	Shan	Jaha
	2		4		

Torba	Saddeet	sagal	Kudhan	Kudha tokko	Kudha lama





Kudha Sadii	Kudha afur	Kudha shan	Kudha ja'a	Kudha torba	Kudha saddeet

# 1.6. Hiikoo Lakkoofsotaa

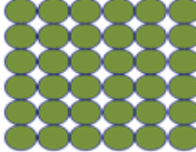
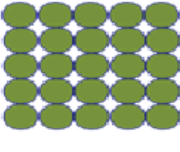



**Hojii Garee:** Baay'ina fakkii lakkaa'uun lakkoofsafi jechaan barreessi.

					
1					
Tokko					

**Gilgaala 18** Lakkoofsota kennaman moodeelota adda addaatiin ibsi.



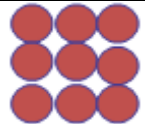
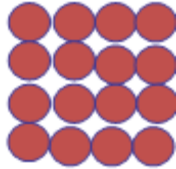
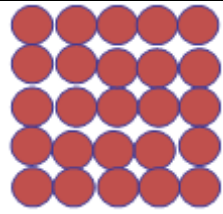
<b>a</b>	4 	<b>B</b>	3 	<b>C</b>	5 	<b>d</b>	6 
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**Gilgaala 19** Fakkeenya kename hordofuun bakka duwwaa guuti.

<b>a</b>	 1ffaa	<b>b</b>	 _____	<b>c</b>	 _____	<b>d</b>	 _____	<b>e</b>	 _____
----------	--	----------	--	----------	--	----------	--	----------	--

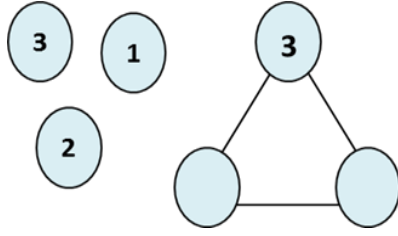
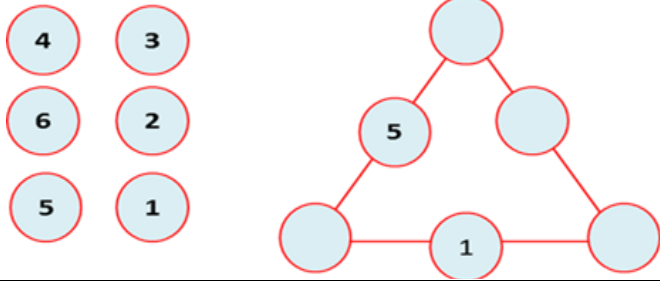
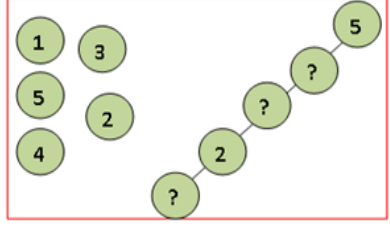
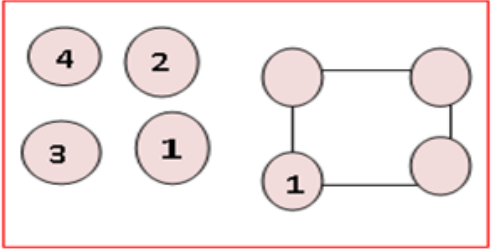
**Gilgaala 20**

Fakkeenya kename hordofuun bakka duwaa guuti.

<p><b>a.</b></p>  <p>5ffaa</p>	<p><b>b.</b></p>  <p>_____</p>	<p><b>c.</b></p>  <p>_____</p>	<p><b>d.</b></p>  <p>_____</p>	<p><b>e.</b></p>  <p>_____</p>
---	---	---	--	---

**Gilgaala 21**

Kardoota Lakkoofsa kennaman bakka duwaa moodeela irraatti guutuun qindeessi.

<p><b>a.</b></p> 	<p><b>b.</b></p> 
<p><b>c.</b></p> 	<p><b>d.</b></p> 

**BOQONNAA**







0,1,2, ... ,20

1&lt;6      15&gt;13

4 = 4

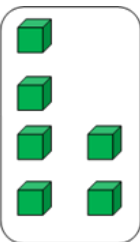

**2****LAKKOOF SOTA WALMADAALCHISUUF I  
TARTIIBESSUU****2.1. Lakkoofsota Lama Walmadaalchisuu****Gocha 1**

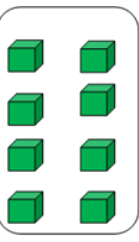
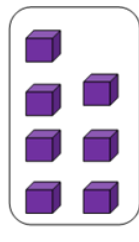
Fakkiiwwan walcinaa jiran baay'ina isaaniitiin walmadaalchisuun saanduqa duwwaa keessatti guuti.

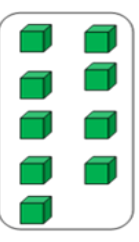
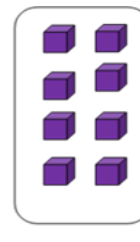
	<input type="text"/> < 5	
	4 > <input type="text"/>	
	<input type="text"/> = <input type="text"/>	

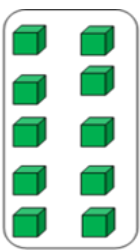
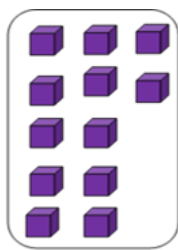
**Gilgaala 1**

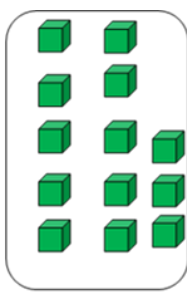
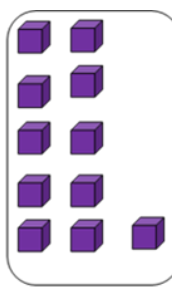
Mallattoolee “<”, “>” fi “=” fayyadamuun lakkoofsota kennaman walmadaalchisi.

1   6 < 7

2   8 \_\_\_\_\_ 7



3   9 \_\_\_\_\_ 8



4   10 \_\_\_\_\_ 12



5   13 \_\_\_\_\_ 11

**Gilgaala 2**

Baay’ina daraaraa lakkaa’uun lakkoofsota lamaan walmadaalchisi.

a.     

b.     

c.     



d.

**Gilgaala 3**

Mallattoolee “<”, “>” fi “=” fayyadamuun lakkoofsota kennaman waliin walmadaalchisi.

a. 8 > 7

b. 5 \_\_\_\_\_ 10

c. 2 \_\_\_\_\_ 7

d. 3 \_\_\_\_\_ 8

e. 9 \_\_\_\_\_ 2

f. 13 \_\_\_\_\_ 18

g. 14 \_\_\_\_\_ 11

h. 20 \_\_\_\_\_ 20

i. 19 \_\_\_\_\_ 17

**2.2 Lakkoofsota Sadi Tartibessuu**

**Gocha 2**

Fakkeenya kenname irratti hundaa’ un baay’ina wantoota kennamanii xiqqaa irraa gara guddaatti tartiibessi.

a.

**Deebii**

a.

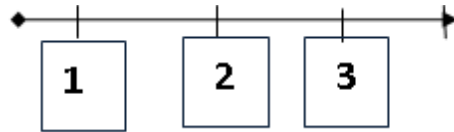
b.



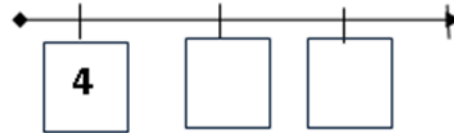
**Gilgaala 4**

1. Lakkoofsota sadan kennaman xiqqaa irraa gara guddaatti tartiibessi.

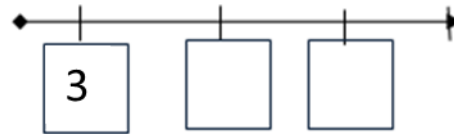
a. 3, 2, 1      1 < 2 < 3



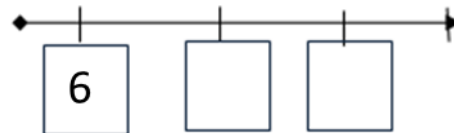
b. 4, 6, 5      4 < \_\_\_ < \_\_\_



c. 5, 4, 3      3 < \_\_\_ < \_\_\_

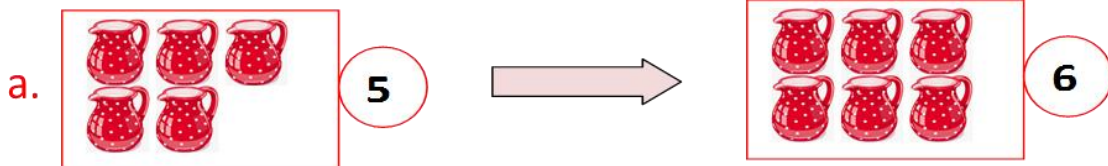


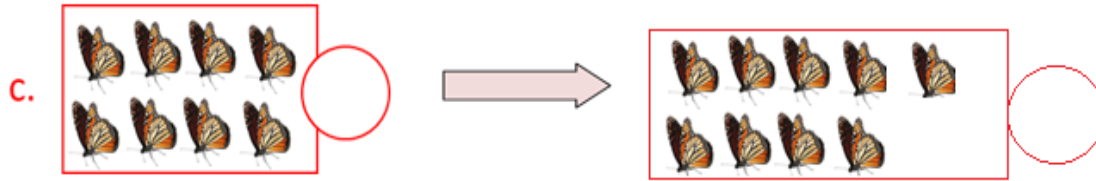
d. 8, 7, 6      6 < \_\_\_ < \_\_\_



**Gilgaala 5**

Baay'ina fakkiiwwanii lakkaa'uun lakkoofsa itti fufu tilmaami.





## 2.3 Lakkoofsota Hamma 20tti Tartiibessuu

**Gocha 3:** Tartiiba kenname hordofuun bakka duwwaa guuti.

a.	2	3	4	5	6
b.	9	10			
c.	7	8			
d.	13	14		16	

**Gilgaala 6** Itti fufaafi dursaa lakkoofsota kennamee barreessi.

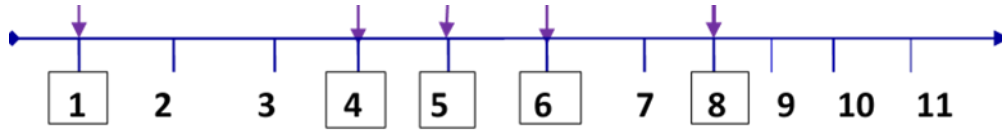
<p>a. 15 → 16</p> <p>13 → ___</p> <p>7 → ___</p> <p>14 → ___</p>	<p>b. 9 → ___</p> <p>11 → ___</p> <p>19 → ___</p> <p>4 → ___</p>	<p>c. 10 ← 11</p> <p>___ ← 14</p> <p>___ ← 19</p> <p>___ ← 12</p>	<p>d. ___ ← 5</p> <p>___ ← 3</p> <p>___ ← 7</p> <p>___ ← 4</p>
--	--	---	--

**Hojii Garee:** Lakkoofsota lamaan kennaman gidduutti lakkoofsa argamu guuti.

- a. 6, 7, 8                      b. 10, \_\_\_\_, 12                      c. 15, \_\_\_\_, 17
- d. 9, \_\_\_\_, \_\_\_\_, 12                      e. 13, \_\_\_\_, \_\_\_\_, 16

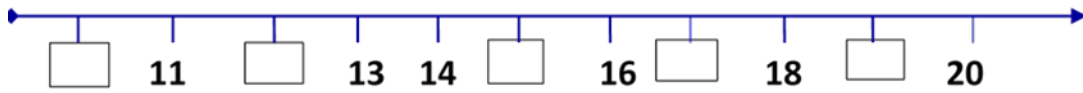
**Gilgaala 7** Fakkeenya hojjetame fayyadamuun tartiibessi.

a. 1, 5, 8, 4, 6



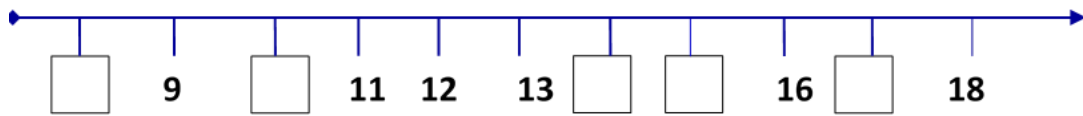
$$1 < 4 < 5 < 6 < 8$$

b. 10, 19, 12, 17, 15



$$\underline{\quad} < \underline{\quad} < \underline{\quad} < \underline{\quad} < \underline{\quad}$$

c. 8, 10, 15, 17, 14

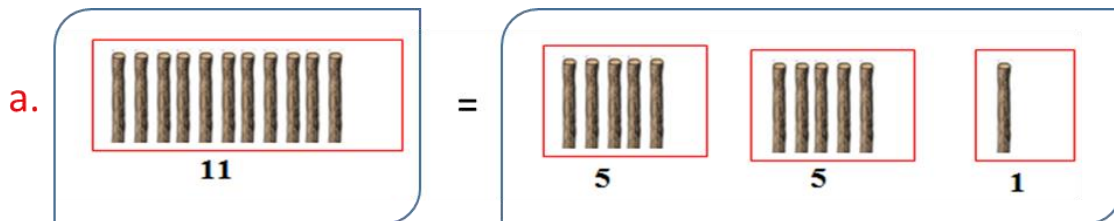


$$\underline{\quad} < \underline{\quad} < \underline{\quad} < \underline{\quad} < \underline{\quad}$$

## 2.4. Kudhan Kudhaniin Gareessuu

### Gocha 4

Wantoota kennaman shan shaniin gurmeessuun kaa'i.



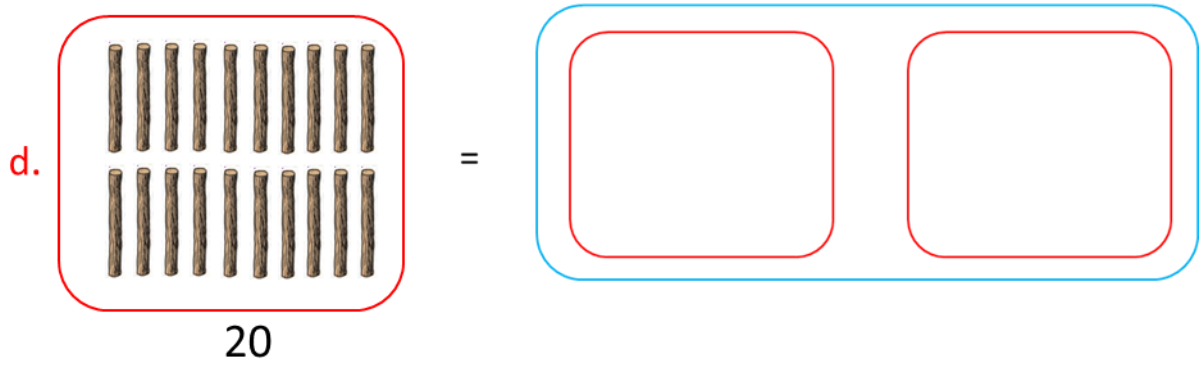
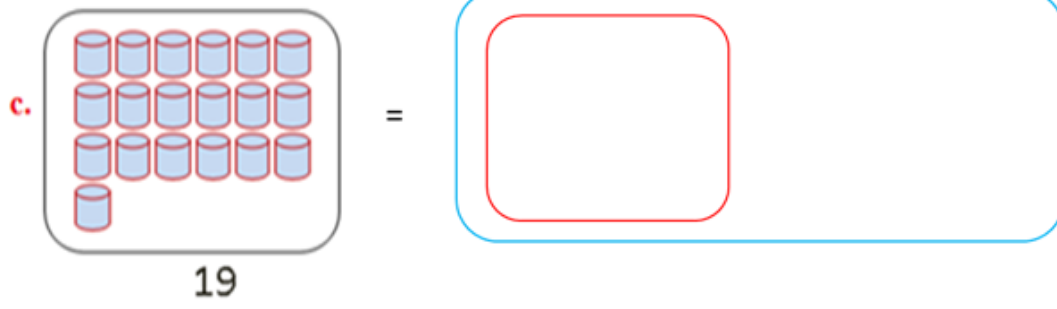
b.

c.

**Gilgaala 8** Wantoota kennaman kudhan kudhaniin gurmeessuun kaa'i.

a.

b.



**BOQONNAA**

**3**

$2 + 5 = 7$

$2 + 2 = 4$

$1 + 13 = 14$

**IDA'UU**

### 3.1. Himoota Ida'uu

#### Gocha 1

Fakkiiwwan lakkaa'uun saanduqa kenname keessatti lakkoofsa barreessi.

a. 

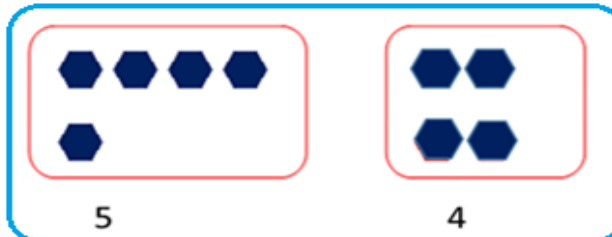
b. 


c. 

d. 

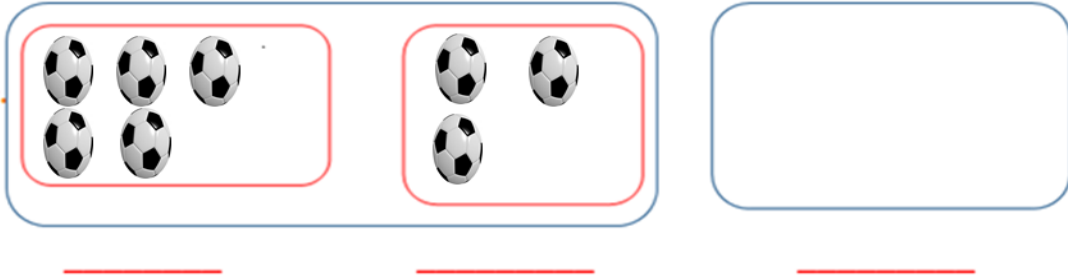
#### Gigaala 1

Fakkiiwwan walcinaa jiran saanduqa kenname keessatti walitti makuun lakkaa'i.

a.    
     



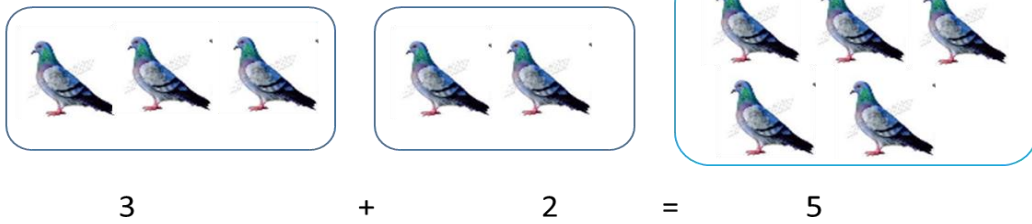
c.



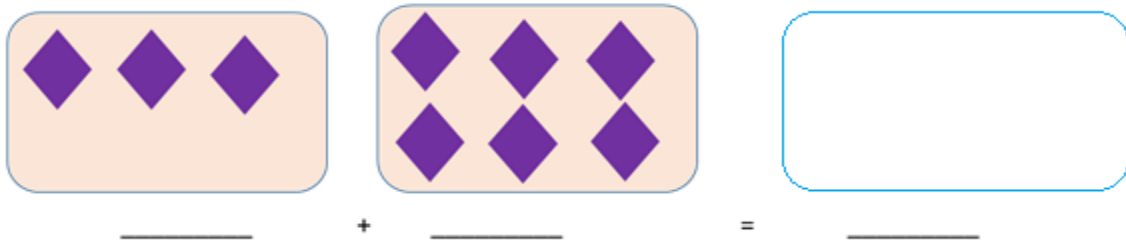
**Gilgaala 2**

Baay'ina fakkiwwan walcinaa jiran hima ida'uttiin barreessi

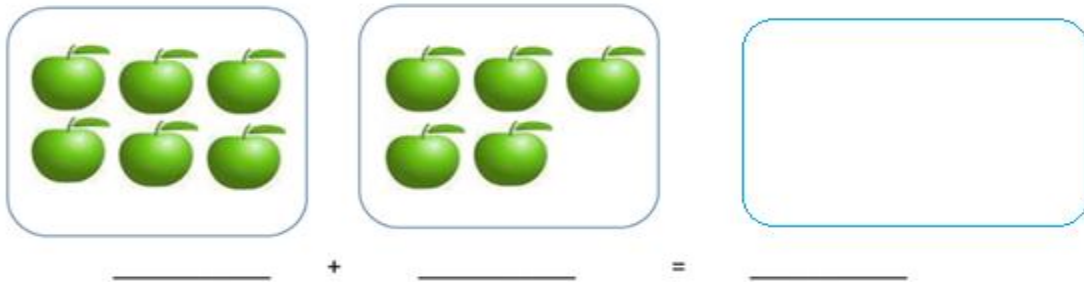
a.



b.



c.



**Hubadhu:** a. “+” mallattoo ida’uu ti.

b. “=” mallattoo walqixaa jedhama.



## 3.2. Lakkaa'uu Itti Fufuufi Irra Utaaluun Lakkaa'uu

### Gocha 2

Lakkoofsa kenname irraa itti fufuun lakkoofsota lama lakkaa'i.

7	8	9
6	7	
8		

### Gilgaala 3

Lakkoofsa kennaman irraa itti fufuun lakkoofsota shan lakkaa'i.

5	6	7	8	9	10
8					
11					
9					
10					

### Gocha

Lakkoofsa kenname irraa lama lama utaaaluun hamma 10tti lakkaa'i.

1	3	5	7	9
2				10

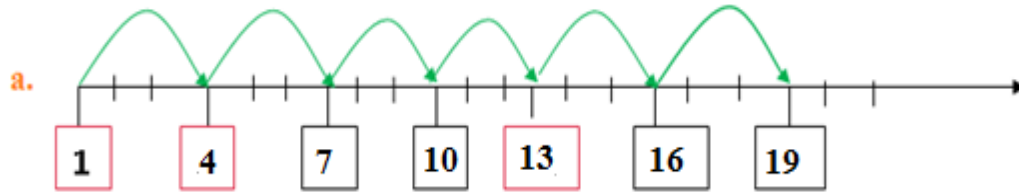
### Gilgaala 4

Lakkoofsa kennaman irraa ka'uun hamma 20tti lama lama utaalaa lakkaa'uun bakka duwwaa guuti.

5	7	9	11	13	15
6					16
7					
9		13			19
3	5				

**Gilgaala 5**

Lakkoofsa kennaman irraa ka' uun sadi sadi utaalaa lakkaa' uun bakka duwwaa guuti.



b.

4			
---	--	--	--

c.

5			
---	--	--	--

d.

7			
---	--	--	--

e.

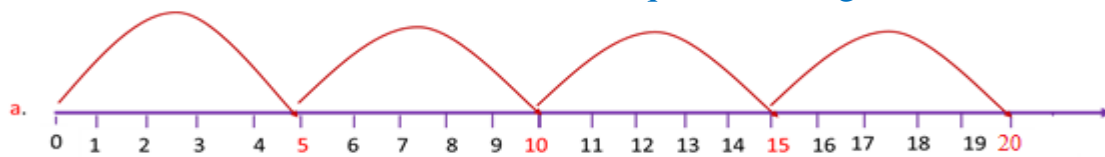
8			
---	--	--	--

f.

10			
----	--	--	--

**Gilgaala 6**

Lakkoofsa kenname irraa ka' uun shan shaniin utaalaa lakkaa' uun saanduqa duwwaa guuti.



b.

5	10	15	20
---	----	----	----

c.

3	8		
---	---	--	--

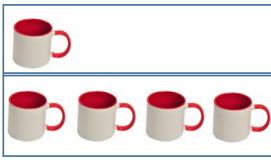
d.


2		12	
---	--	----	--


### 3.3. Ida'amtoota 5, 6, 7, 8, 9 fi 10


#### Gocha 4

Lakkoofsota irra xiqqaa shanii ida'amni lamaan isaanii shan kennan barbaadi.

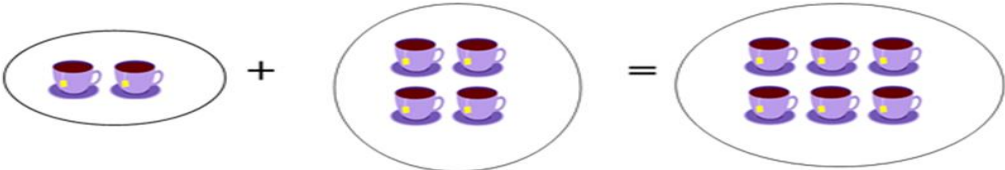
a.   $1 + 4 = 5$

b.   $\_\_ + \_\_ = 5$

c.   $\_\_ + 3 = 5$


d.   $3 + \_\_ = 5$

**Gilgaala 7** Lakkoofsota irra xiqqaa jahaa ida'amni lamaan isaanii jaha kennan barbaadi.

a.   $2 + 4 = 6$

Ida'amni 6		
3	+	3
4	+	
1	+	
5	+	

**Gilgaala 8** Lakkoofsota irra xiqqaa torbaa ida'amni lamaan isaanii torba kennan barbaadi.

a.   $5 + 2 = 7$

a.  $6 + \underline{\quad} = 7$

d.  $\underline{\quad} + 3 = 7$

b.  $1 + \underline{\quad} = 7$

e.  $\underline{\quad} + 4 = 7$

c.  $2 + \underline{\quad} = 7$

f.  $\underline{\quad} + 5 = 7$

**Gilgaala 9**

Lakkoofsota irra xiqqaa saddeetii ida'amni lamaan isaanii saddeet kennan barbaadi.

$6 + 2 = 8$

a. $7 + \underline{\quad} = 8$	b. $2 + \underline{\quad} = 8$
c. $5 + \underline{\quad} = 8$	d. $3 + \underline{\quad} = 8$

**Gilgaala 10**

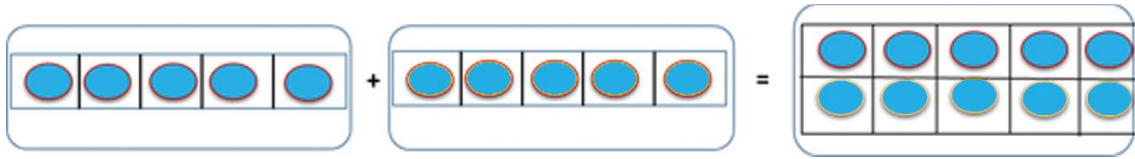
Lakkoofsota irra xiqqaa sagalii ida'amni lamaan isaanii sagal kennan barbaadi.

$4 + 5 = 9$

a. $\square + 1 = 9$	b. $5 + \square = 9$	c. $\square + 7 = 9$
d. $\square + 8 = 9$	e. $6 + \square = 9$	f. $\square + 2 = 9$

**Gilgaala 11**

Lakkoofsota irra xiqqaa kudhanii ida'amni lamaan isaanii kudhan kennan barbaadi.



$5+5=10$

a.  $5 + 5 = 10$

b.  $3 + \underline{\quad} = 10$

c.  $4 + \underline{\quad} = 10$

d.  $7 + \underline{\quad} = 10$

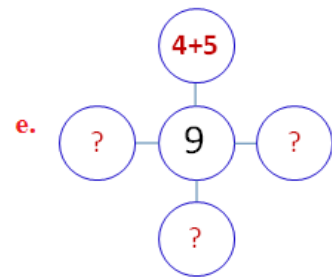
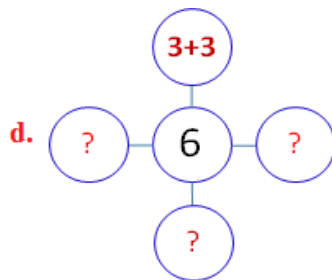
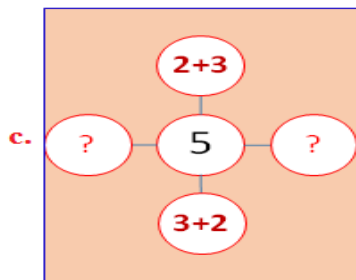
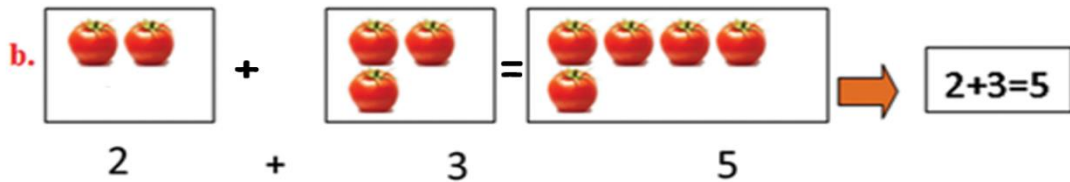
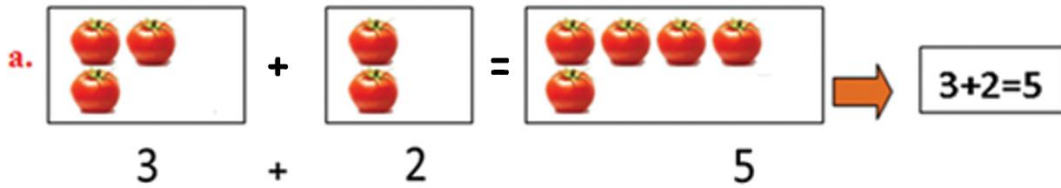
e.  $2 + \underline{\quad} = 10$

f.  $1 + \underline{\quad} = 10$

**3.4 Lakkoofsota Walitti Fiduufi Gargar Caccabsuu**

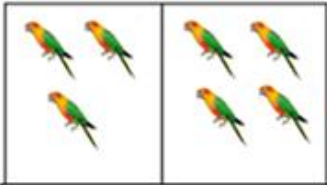
**Gilgaala 12**

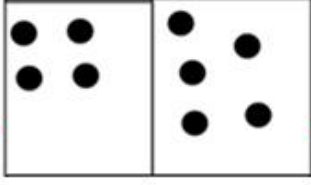
Fakkeenya kenneetti gargaaramuun saanduqa duwwaa guuti.

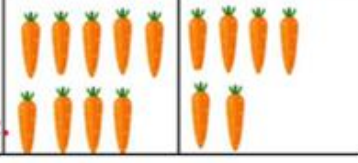


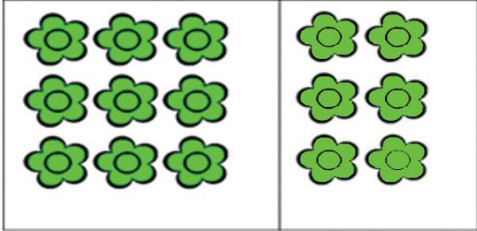
**Gilgaala 13**

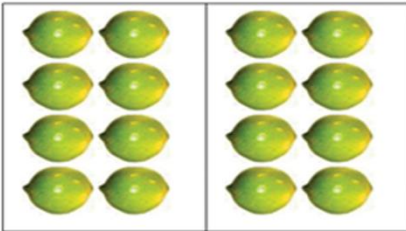
Fakkeenya kennametti gargaaramuun bakka duwaa guuti.

**a.**  Sadiifi afur torba ta'a.  
 $3 + 4 = 7$

**b.**  Afurfi shan sagal ta'a.  
 $\underline{\quad} + \underline{\quad} = \underline{\quad}$

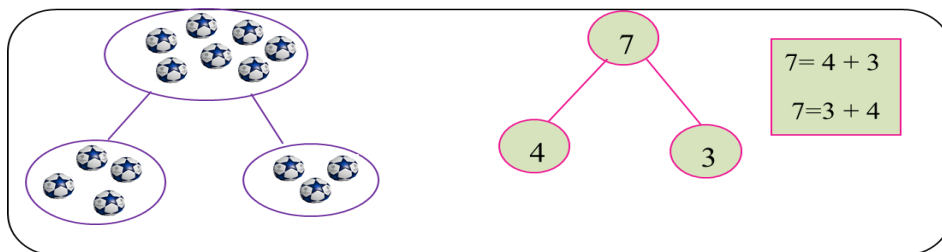
**c.**   $\underline{\quad}$  fi  $\underline{\quad}$  kudha shan ta'a  
 $\underline{\quad} + \underline{\quad} = 15$

**d.**   $\underline{\quad}$  fi  $\underline{\quad}$  kudha shan ta'a.  
 $\underline{\quad} + \underline{\quad} = \underline{\quad}$

**e.**   $\underline{\quad}$  fi saddeet  $\underline{\quad}$  ta'a.  
 $\underline{\quad} + \underline{\quad} = \underline{\quad}$

**Gilgaala 14**

Lakkoofsota ida'amtootaan diddiriirsi.



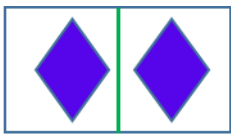
- a.**  $6 = 1 + \square$
- b.**  $5 = \square + 4$
- c.**  $7 = 3 + \square$

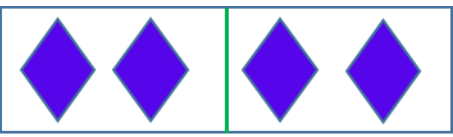
- d.**  $8 = 6 + \square$
- e.**  $9 = \square + 4$
- f.**  $3 = 1 + \square$

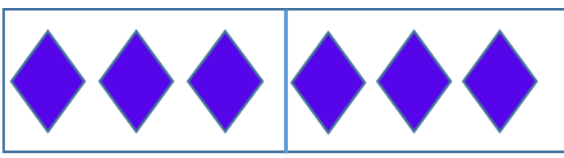
### 3.5. Dachaa wwanii kan Dachaa wwanitti Hiiqu

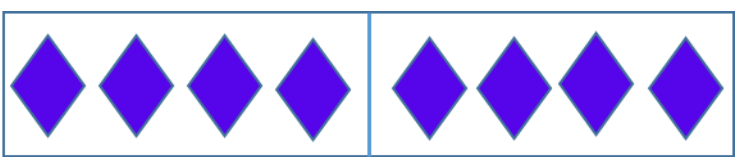
#### Gocha 5

Fakkiiwwan kennaman lakkaa'uun lakkoofsota dachaa taasisi.

a.   $1 + 1 = 2$

b.   $2 + 2 = \underline{\quad}$

c.   $3 + 3 = \underline{\quad}$

d.   $4 + 4 = \underline{\quad}$

#### Gilgaala 15

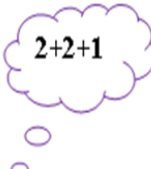
Dachaa lakkoofsota kennamanii barreessi.

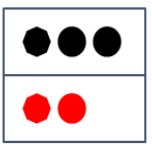
- a. 5  $5 + 5 = 10$
- b. 6  $\underline{\quad} + \underline{\quad} = \underline{\quad}$
- c. 9  $\underline{\quad} + \underline{\quad} = \underline{\quad}$

#### Gilgaala 16


Akkaataa fakkeenya kenneetti bakka duwwaa guuti.


a.  $2+3=$   $3+2=$

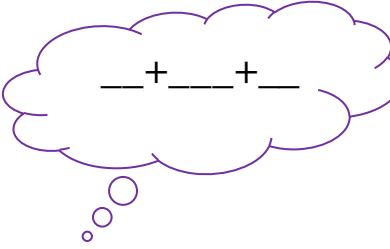
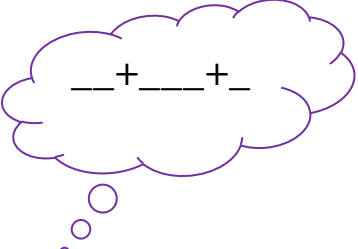
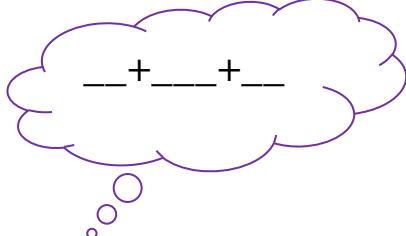
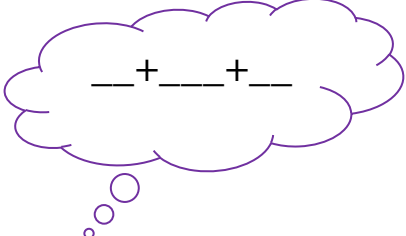




b.  $3+4=$   $4+3=$



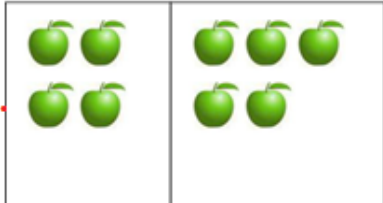
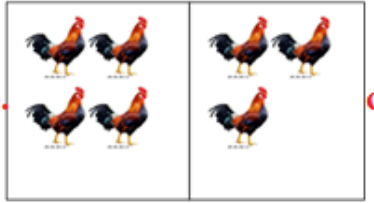
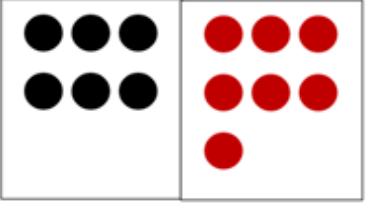


<p><b>c.</b></p> <p>4+5=</p> <p>5+4=</p> 	<p><b>d.</b></p> <p>5+6=</p> <p>6+5=</p> 
<p><b>e.</b></p> <p>6+7=</p> <p>7+6=</p> 	<p><b>f.</b></p> <p>7+8=</p> <p>8+7=</p> 

### 3.6. Lakkoofsota Dijiitii Tokkoo Ida'uu


#### Goch 6

Lakkoofsa saanduqa keessatti barreeffamuu qabu fakkiwwan lakkaa'uun barreessi.

<p><b>a.</b></p> 	<p><b>b.</b></p> 	<p><b>c.</b></p> 				
<p>4 fi 5</p>	<p>→</p>	<p>4+5=9</p>	<p>___ fi ___</p>	<p>___ + ___ = 7</p>	<p>___ fi ___</p>	<p>___ + ___ = ___</p>

#### Gilgaala 17

Dalga Ida'i.

a. 9+4=13 

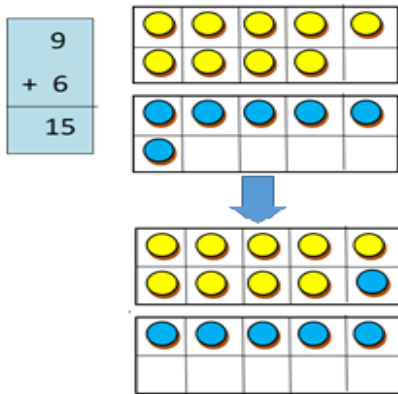
b. 3+3=\_\_\_\_\_      d. 2+9=\_\_\_\_\_      f. 3+6=\_\_\_\_\_

c. 6+5=\_\_\_\_\_      e. 8+4=\_\_\_\_\_      g. 7+7=\_\_\_\_\_



**Gilgaala 18**

Irraa gadee ida'i.



a. 
$$\begin{array}{|c|} \hline 2 \\ \hline + 3 \\ \hline \\ \hline \end{array}$$

b. 
$$\begin{array}{|c|} \hline 7 \\ \hline + 6 \\ \hline \\ \hline \end{array}$$

c. 
$$\begin{array}{|c|} \hline 7 \\ \hline + 8 \\ \hline \\ \hline \end{array}$$

d. 
$$\begin{array}{|c|} \hline 5 \\ \hline + 9 \\ \hline \\ \hline \end{array}$$

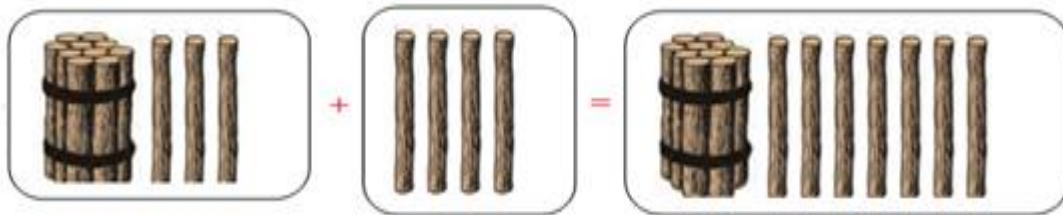
**3.7 Lakkoofsota Dijiitii Tokkoofi Dijiitoota**

**Lamaa Ida'uu**

**Gocha 7**

Fakkiiwwan lakkaa'uun haala fakkeenya kennameen ida'ama isaanii shallagi.

a.  $13 + 4 = 17$



b.  $11 + 5 = \underline{\hspace{2cm}}$

c.  $12 + 6 = \underline{\hspace{2cm}}$

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

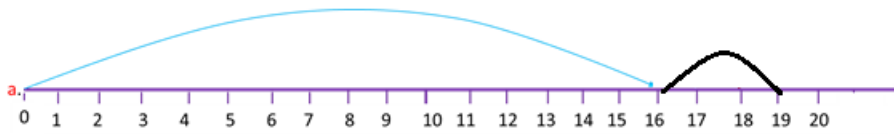
e.  $13 + 6 = \underline{\hspace{2cm}}$

f.  $19 + 1 = \underline{\hspace{2cm}}$

g.  $4 + 10 = \underline{\hspace{2cm}}$

**Gilgaala 19**

Xiyya lakkoofsa irratti ida'i.



$16 + 3 = 19$

a.  $19 + 1 = \underline{\hspace{2cm}}$

b.  $15 + 5 = \underline{\hspace{2cm}}$

c.  $0 + 16 = \underline{\hspace{2cm}}$

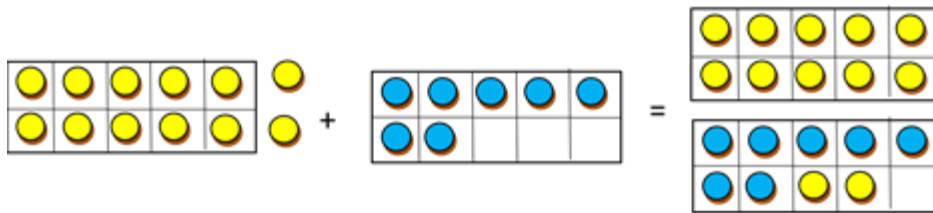
d.  $13 + 4 = \underline{\hspace{2cm}}$

e.  $12 + \underline{\hspace{1cm}} = 18$

**Gilgaala 20**

Akkaataa fakkeenya kennameetti ida'i.

a.  $12 + 7 = 19$



b.  $0 + 13 = \underline{\hspace{2cm}}$

c.  $13 + 4 = \underline{\hspace{2cm}}$

d.  $11 + 5 = \underline{\hspace{2cm}}$

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

f.  $14 + 5 = \underline{\hspace{2cm}}$

**BOQONNAA**

**4**

$$20 - 4 = \underline{\quad}$$

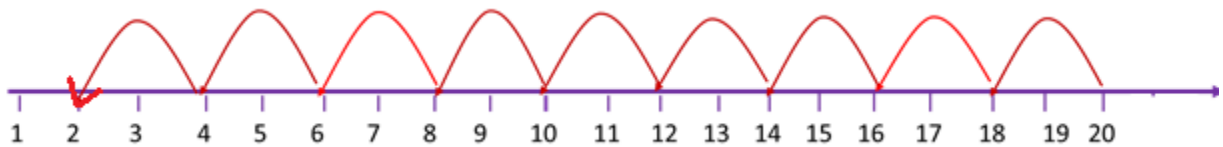
$$19 - 11 = \underline{\quad}$$

**HIR'ISUU**

## 4.1 Lama Lamaafi Sadi Sadiin Gara Duubatti Lakkaa'uu

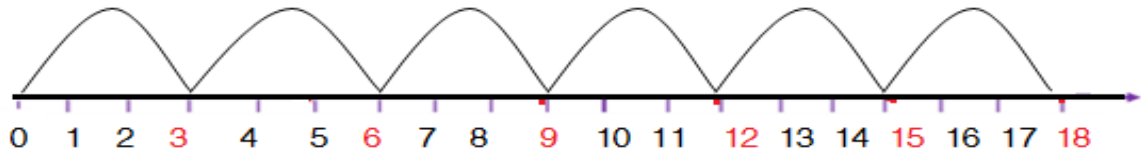
### Gocha 1:

Lama Lamaan lakkoofsa kenname irraa gara duubaatti lakkaa'i



8	10	12	14	16	18	20
					17	19
				14		18
					11	13

**Gilgaala 1** Sadii sadiin gara gara duubaatti lakkaa'uun bakka duwwaa guuti.



5	8	11	14	17	20
					17
					18
					16

**Gilgaala 2** Shan shaniin gara gara duubaatti lakkaa'i.

5	10	15	20
			19
			18
			17
			16

## 4.2 Hima Hir'isuu

### Gocha 2

Fakkiiwwan lakkaa'uun hima hir'isuu uumi.

1.		$7 - 0 = 7$
2.		$7 - 1 = 6$
3.		$7 - 2 = \underline{\hspace{2cm}}$
4.		$7 - 3 = \underline{\hspace{2cm}}$
5.		$7 - 4 = \underline{\hspace{2cm}}$
6.		$7 - 5 = \underline{\hspace{2cm}}$

**Hubadhu:** a. “-” mallattoo hir'isuu ti.

b. “=” mallattoo walqixaa jedhama

**Gilgaala 3** Fakkiiwwan lakkaa'uun hir'isi.

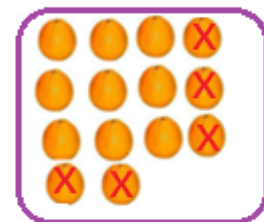
a.  $13 - 4 = 9$



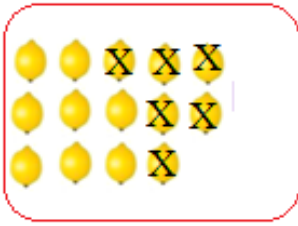
b.  $9 - 3 = \underline{\hspace{2cm}}$



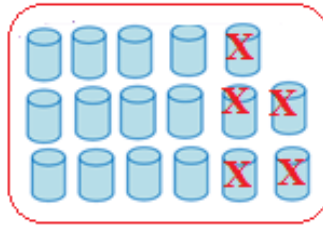
c.  $15 - 5 = \underline{\hspace{2cm}}$



d.  $14 - 6 = \underline{\quad}$

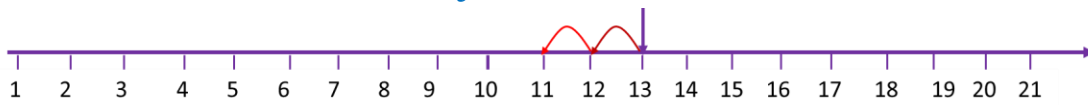


e.  $17 - 5 = \underline{\quad}$



**Gilgaala 4**

lakkoofsa kenname irraa lama gara duubaatti lakkaa'uun hima hir'isuu ijaari.



a. 11, 12, 13

$13 - 2 = 11$

c.  $\underline{\quad}, \underline{\quad}, 9$

$9 - 2 = \underline{\quad}$

b.  $\underline{\quad}, \underline{\quad} 16$

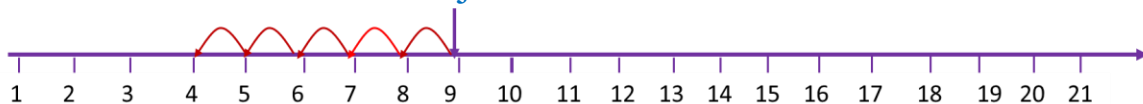
$16 - 2 = \underline{\quad}$

d.  $\underline{\quad}, \underline{\quad}, 17$

$17 - 2 = \underline{\quad}$

**Gilgaala 5**

Lakkoofsa kenname irraa shan gara duubaatti lakkaa'uun hima hir'isuu ijaari.



a. 4, 5, 6, 7, 8, 9

$9 - 5 = 4$

c.  $\underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad} 17$

$17 - 5 = \underline{\quad}$

b.  $\underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad} 11$

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

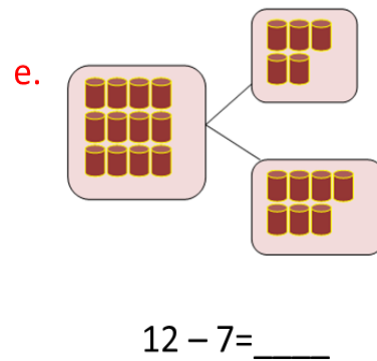
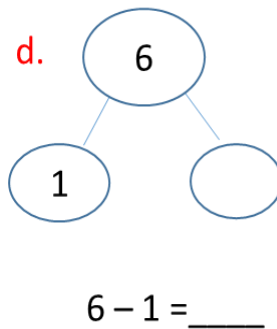
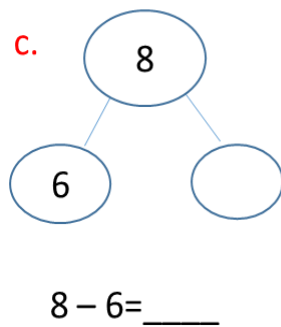
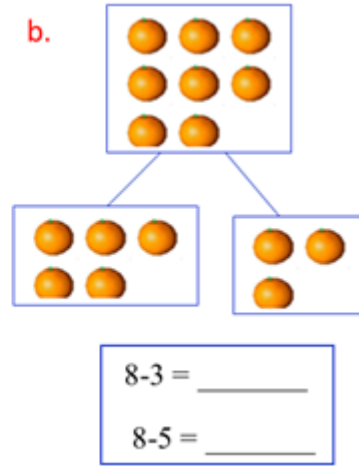
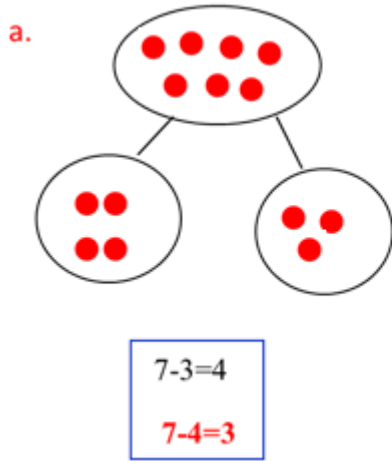
d.  $\underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad} 20$

$20 - 5 = \underline{\quad}$

## 4.3. Lakkoofsota Xiqqeessuu

### Gilgaala 6

Akkaataa fakkeenya kennametti hojjechuun bakka duwwaa guuti.



### Gocha 3

Lakkoofsota kennaman xiqqeessuun bakka duwwaa guuti.

- a. 5 yoo 2'n xiqqaate 3 ta'a.      b. 9 yoo 6'n xiqqatu \_\_\_\_ ta'a.  
c. 10 yoo 5'n xiqqaatu \_\_\_\_ ta'a.      d. 15 yoo 8 xiqqaatu \_\_\_\_ ta'a.  
e. 13 yoo 10'n xiqqaatu \_\_\_\_ ta'a.      f. 17 yoo \_\_\_\_ xiqqaate \_\_\_\_ ta'a.

# 4.4 Lakkoofsota Dijiitii Tokkoo Hir'isuu

## Gocha 4: Dalga hir'isi.

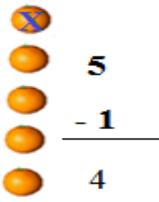
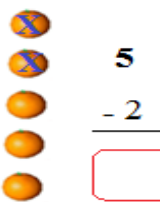
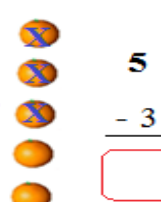
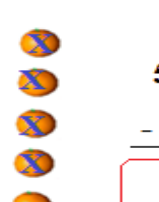
a.   $9 - 4 = 5$

b.   $8 - 5 = 3$

c. $8 - 6 = \underline{\quad}$	d. $4 - 3 = \underline{\quad}$	e. $8 - 0 = \underline{\quad}$
f. $9 - 2 = \underline{\quad}$	g. $9 - 8 = \underline{\quad}$	h. $7 - 2 = \underline{\quad}$

## Gilgaala 7

Irraan gadee Hir'isi.

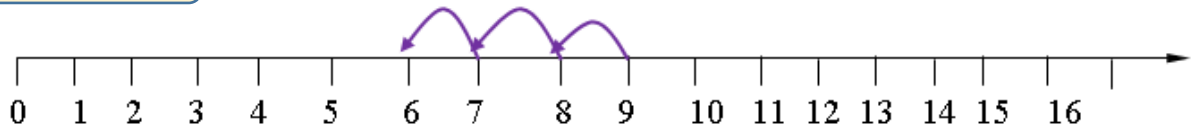
<p>a.  <math>\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}</math></p>	<p>b.  <math>\begin{array}{r} 5 \\ - 2 \\ \hline \square \end{array}</math></p>	<p>c.  <math>\begin{array}{r} 5 \\ - 3 \\ \hline \square \end{array}</math></p>	<p>d.  <math>\begin{array}{r} 5 \\ - 4 \\ \hline \square \end{array}</math></p>
--	--	--	--

<p>e. <math>\begin{array}{r} 7 \\ - 5 \\ \hline \underline{\quad} \\ \underline{\quad} \end{array}</math></p>	<p>f. <math>\begin{array}{r} 9 \\ - 3 \\ \hline \underline{\quad} \\ \underline{\quad} \end{array}</math></p>	<p>g. <math>\begin{array}{r} 8 \\ - 7 \\ \hline \underline{\quad} \\ \underline{\quad} \end{array}</math></p>	<p>h. <math>\begin{array}{r} 3 \\ - 1 \\ \hline \underline{\quad} \\ \underline{\quad} \end{array}</math></p>
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**Gilgaala 8**

Gara duubaatti lakkaa'uun hir'isi.



$9 - 3 = 6$

a.  $7 - 1 = \square$

b.  $9 - 1 = \square$

c.  $5 - 3 = \square$

d.  $8 - 5 = \square$

e.  $7 - 6 = \square$

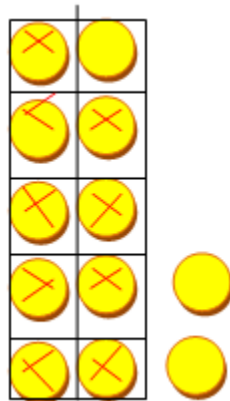
f.  $4 - 2 = \square$

**4.5 Lakkoofsota Dijiitoota Lamaa Hir'isuu**

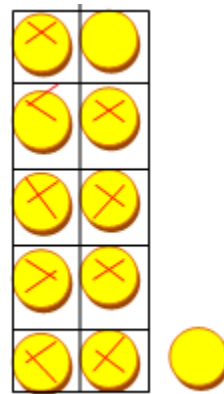
**Gilgaala 9**

Fakkeenya kenname irratti hundaa'uun bakka duwwaa lakkoofsaan guuti.

a. 
$$\begin{array}{r} 12 \\ - 9 \\ \hline 3 \end{array}$$



b. 
$$\begin{array}{r} 11 \\ - 9 \\ \hline 2 \end{array}$$



c. 
$$\begin{array}{r} 15 \\ - 4 \\ \hline \square \end{array}$$

d. 
$$\begin{array}{r} 19 \\ - 7 \\ \hline \square \end{array}$$

e. 
$$\begin{array}{r} 12 \\ - 1 \\ \hline \square \end{array}$$

f. 
$$\begin{array}{r} 17 \\ - 2 \\ \hline \square \end{array}$$

g. 
$$\begin{array}{r} 18 \\ - 8 \\ \hline \square \end{array}$$

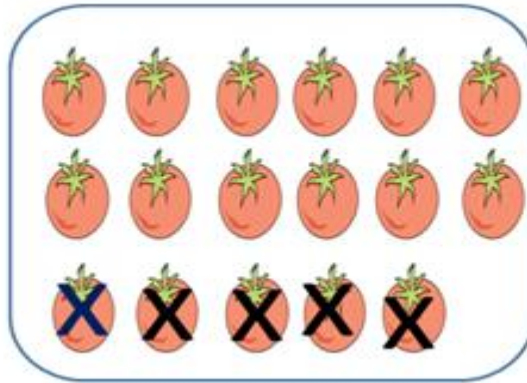
h. 
$$\begin{array}{r} 11 \\ - 1 \\ \hline \square \end{array}$$

i. 
$$\begin{array}{r} 14 \\ - 3 \\ \hline \square \end{array}$$

j. 
$$\begin{array}{r} 12 \\ - 4 \\ \hline \square \end{array}$$

**Gilgaala 10** Hir'isi.

$$\begin{array}{r} 17 \\ - 5 \\ \hline 12 \end{array}$$



b.  $12 - 9 = \square$

c.  $12 - 9 = \square$

d.  $15 - 7 = \square$

e.  $18 - 7 = \square$

f.  $11 - 8 = \square$

g.  $13 - 2 = \square$

**4.6 Hariiroo Ida'uufi Hir'isuu Gidduu Jiru**

**Gocha 5**

Hariiroo ida'uufi hir'isuu addaan baasi.

a.  $8 + 4 = 12$   
 $12 - 8 = 4$

b.  $6 + 7 = \underline{\hspace{2cm}}$   
 $13 - 6 = \underline{\hspace{2cm}}$

c.  $\underline{\hspace{2cm}} + 6 = \underline{\hspace{2cm}}$   
 $14 - 8 = \underline{\hspace{2cm}}$

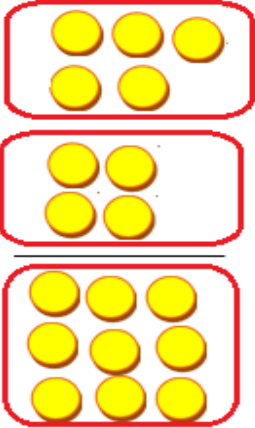
**Gilgaala 11**

Lakkoofsa himoota dhugoomsu bakka duwwaatti barreessi.

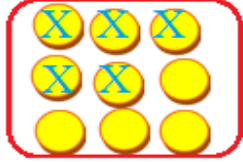
**Hariiroo Ida'uufi Hir'isuu hubachuu:**

a.

5
+4
9



9
-5
4



d.

9	7	16	16
+7	+9	-7	-9
—	—	—	—
—	—	—	—

e.

4	8	12	12
+8	+4	-8	-4
—	—	—	—
—	—	—	—

b.

9	5	14	14
+5	+9	-5	-9
—	—	—	—
—	—	—	—

c.

7	6	13	13
+6	+7	-7	-6
—	—	—	—
—	—	—	—

f.

6	8	14	14
+8	+6	-6	-8
—	—	—	—
—	—	—	—

g.

8	3	11	11
+3	+8	-3	-8
—	—	—	—
—	—	—	—

## 4.7. Piroobileemota Jechootaa Furuu

**Gilgaala 12** Piroobileemota jechaa furi.

1. Tolaan burtukaana 10 qaba. Kan qabu irratti meeqa yoo bite 17 ta'aaf?



2. Muuziiwwan 18tu jira. Muuziiwwan 6 yoo irraa hir'atan meeqatu hafa?



3. Caaltuun qubessaa 9 qabdi. Tolaan qubeessaa 7 qaba. Walitti qubeessaa meeqa qabu?



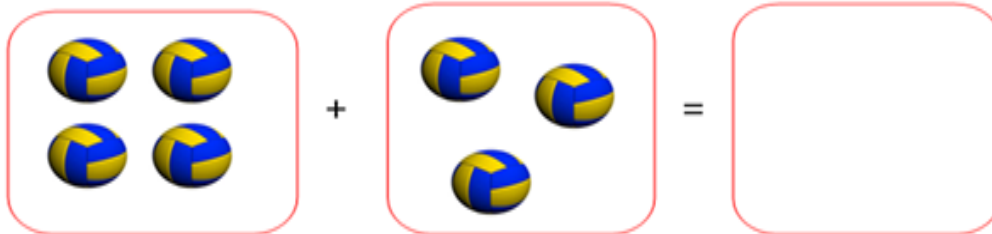
4. Haati Kuulanii karameellaa 9 gabaadhaa bittee galte .  
Karameellaa 4 yoo Caalaaf kennite Karameellaa meeqatu ishiif hafa?



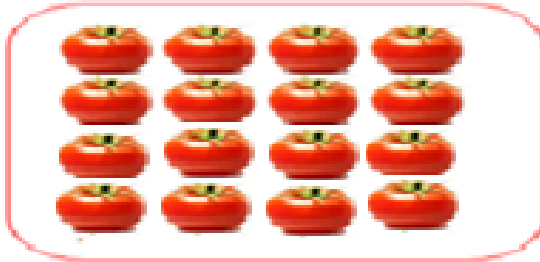
5. Daree tokko keessa barattoota dhiira 7 fi barattoota shamarrannii 13tu jira. Walumatti barattootaa meeqatu jira?



6. Tolaan kubboota 4 qaba. Obboleettiin isaa kubboota 3 yoo dabalteef  
Tolaan walumatti kubboota meeqa qaba?



7. Timaatimii 16 jiran keessa 8 yoo gurguraman meeqatu hafa?



**BOQONNAA**

**5**

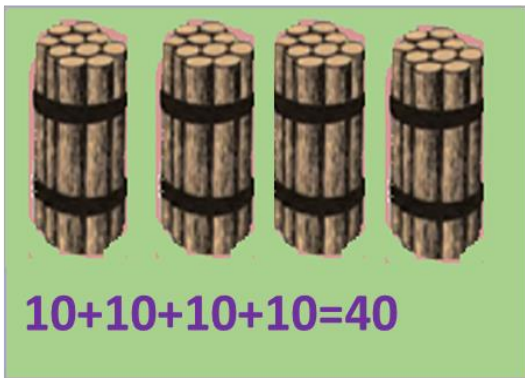
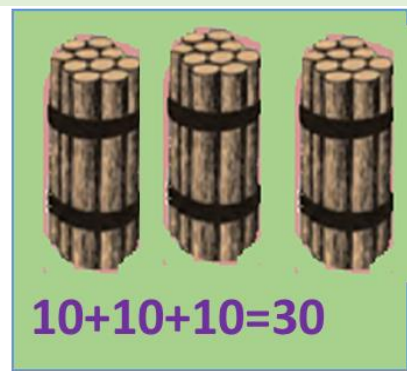
0	1	2	3	4
5	6	7	8	9
10	20	30	40	50
60	70	80	90	100

**LAKKOOF SOTA HAMMA 100TTI**

**5.1. Kudhan Kudhaniin Lakkaa'uu**

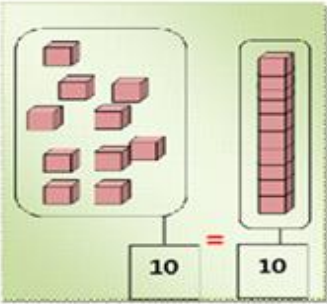
**Gocha 1**

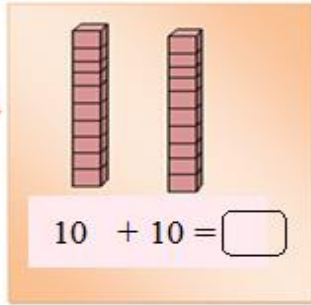
Muka kudhan kudhaniin hidhaman lakkaa'uun baay'attoota kudhaniin addaan baasi.

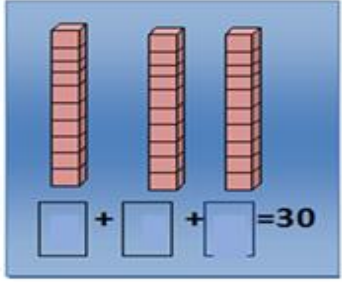


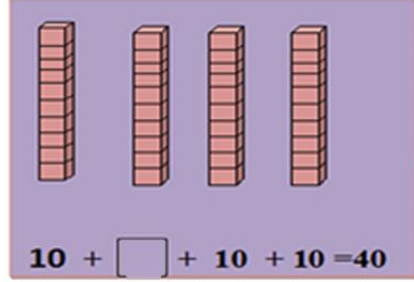
**Gilgaala 1**

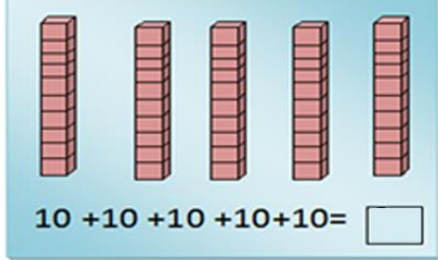
Saanduqoota walirra kaa'aman lakkaa'uun baay'attoota kudhaniin bakka duwwaatti guuti.

a. 

b. 


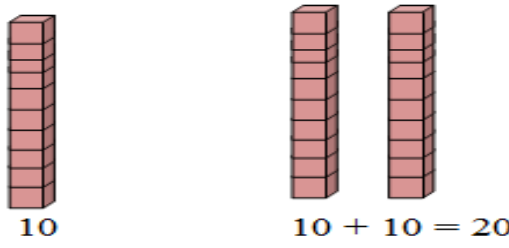
c. 

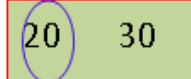
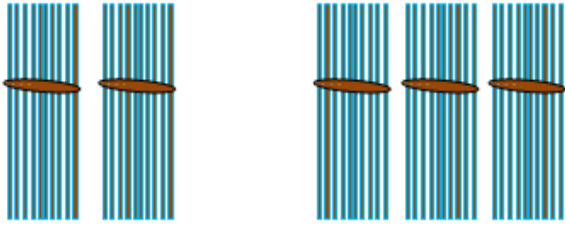
d. 

e. 

**Gilgaala 2**

Lakkoofsota kennaman lamaan keessaa isa xiqqaatti mari.

a.    
 $10 < 20$

b.    
 $20 < 30$


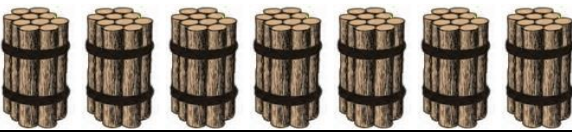



c. 40 30

d. 50 10

e. 20 40

f. 20 50

**Gocha 2:** Lakkoofsota baay’attoota 10 irra deddeebi’uun dubbisi.

a.	 <span style="float: right; font-size: 2em; font-weight: bold;">60</span>
b.	 <span style="float: right; font-size: 2em; font-weight: bold;">70</span>
c.	 <span style="float: right; font-size: 2em; font-weight: bold;">80</span>
d.	 <span style="float: right; font-size: 2em; font-weight: bold;">90</span>
e.	 <span style="float: right; font-size: 2em; font-weight: bold;">100</span>

**Gilgaala 3**

Tartiiba baay’attoota kudhanii hordofuun bakka duwwaa guuti.

10				50
60		80		



**Gocha 3:** Baay'attoota kudhanii 10 hamma 100tti jiran dubbisi.

Lakkoofsaan	Jechaan
10	Kudhan
20	Digdama
30	Soddoma
40	Afurtama
50	Shantama
60	Jaatama
70	Torbaatama
80	Saddeettama
90	Sagaltama
100	Dhibba

#### Gilgaala 4

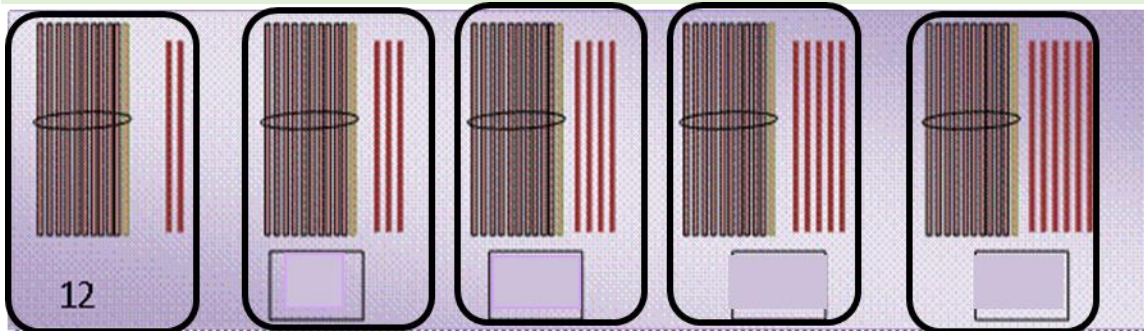
Lakkoofsota jechaan barreeffaman lakkoofsaan barreessi.

Kudhan	Digdama	Soddoma	Afurtama	Shantama
			40	

## 5.2 Lakkoofsota Hamma 100tti Dubbisuufi Barreessuu


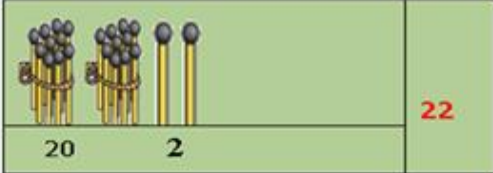
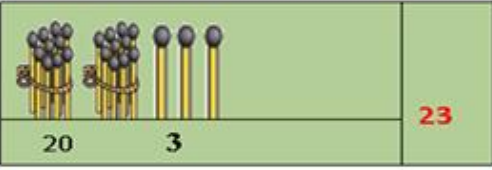
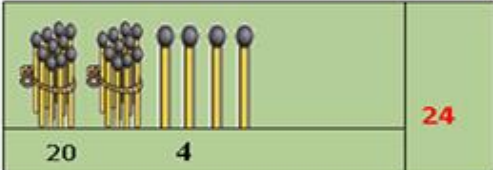
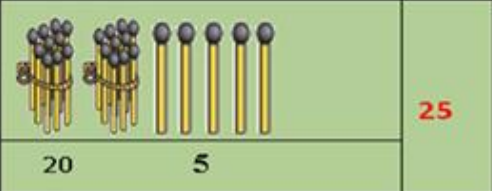
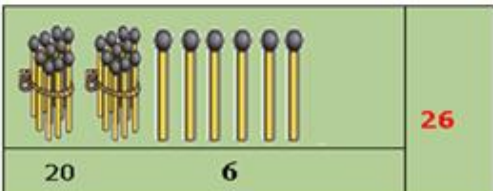
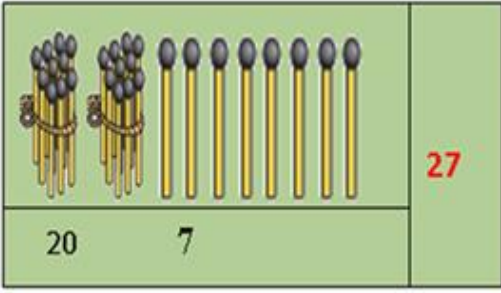
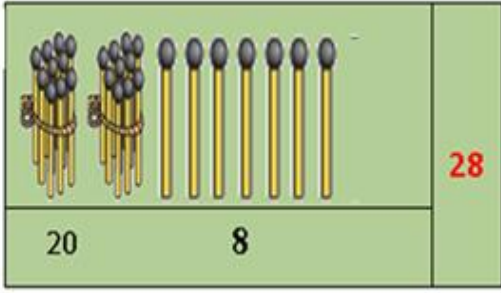
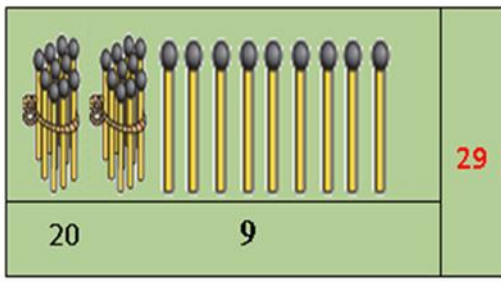
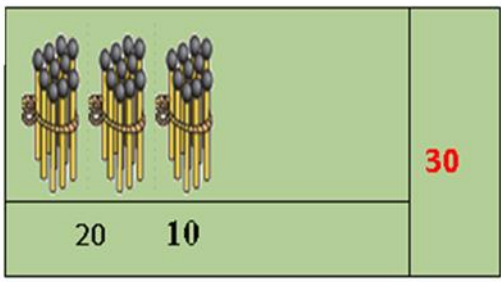
### Gocha 4

Uleewwan kudhaniin hidhamaniifi uleewwan hin hidhamiin **walitti lakkaa'uun lakkoofsa bakka duwwaatti guuti.**



**Gilgaala 5**

Lakkoofsota 21 hamma 30 dubbisuun barreessi. Mallattoo lakkoofsotaa addaan baasi.

a.		21
b.		22
c.		23
d.		24
e.		25
f.		26
g.		27
h.		28
i.		29
j.		30

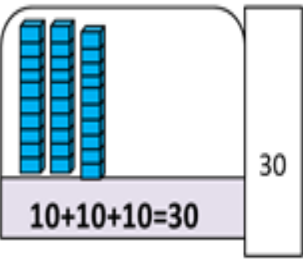
**Gilgaala 6**

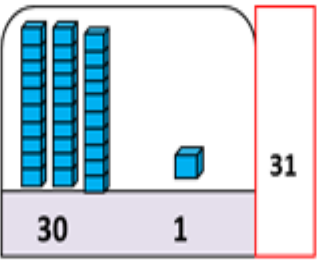
Tartiiba kennamee hordofuun bakka duwwaatti lakkoofsa hir'ate barreessi.

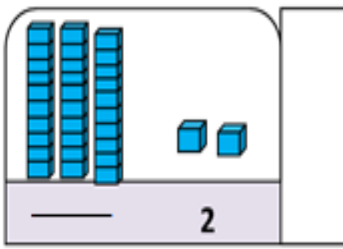
20	22	24	26	28	30
----	----	----	----	----	----

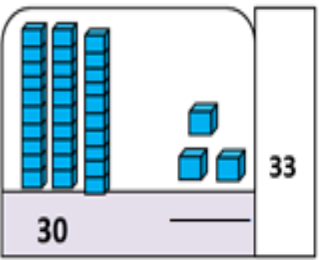
**Gilgaala 7**

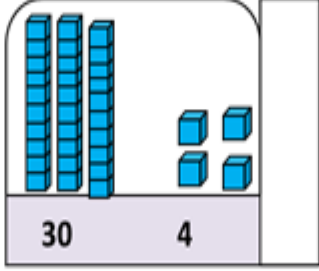
Lakkoofsota 31 hamma 40 jiran dubbisuun barreessi.

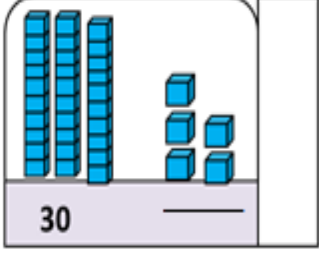
a.  30

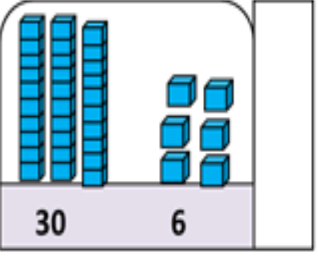
b.  31

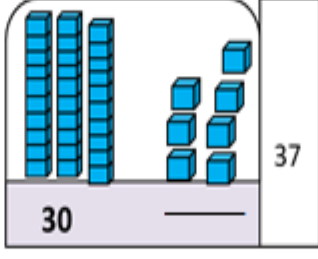
c.  2

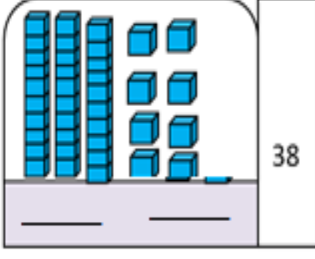
d.  33

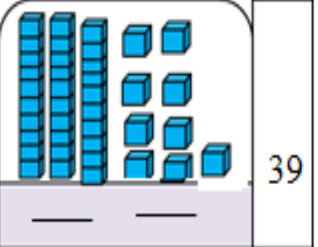
e.  4

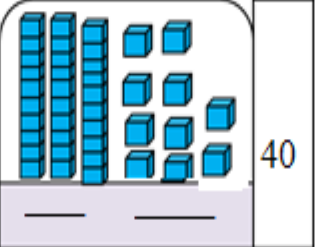
f.  30

g.  30 6

h.  30 37

i.  38

j.  39

k.  40

**Gilgaala 8**

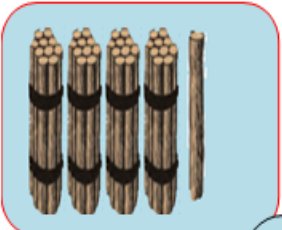
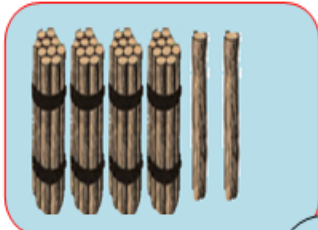

Tartiiba kenname hordofuun bakka duwaa guuti.

30		32		34		36		38		40
----	--	----	--	----	--	----	--	----	--	----


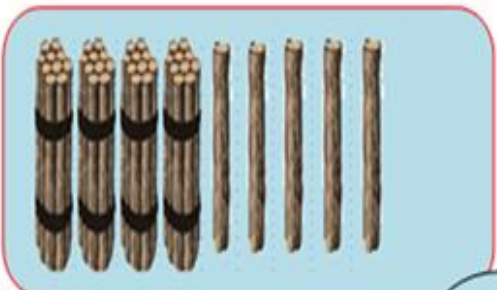
**Gilgala 9**

Mukootaafi hidhaawwan mukoota kennaman lakkaa'uun

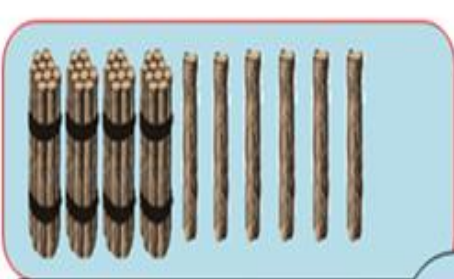
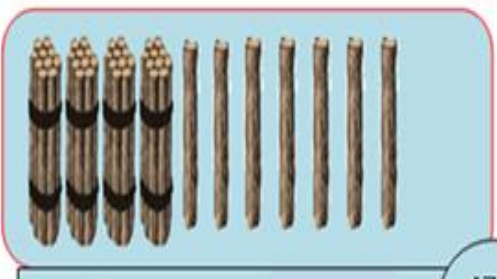
lakkoofsota bakka duwwaatti guuti.

a.  b.  c. 

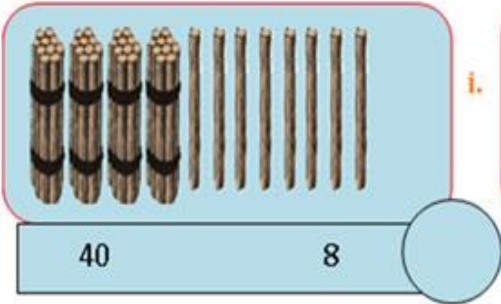
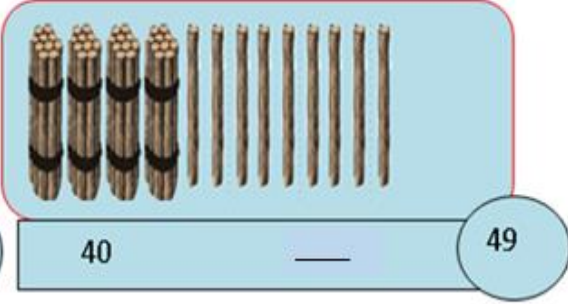
40    1    41      40    2    42      40    3    43

d.  e. 

40    —          40    —    45

f.  g. 

40    —          40    —    47

h.  i. 

**Gilgaala 10**

Tartiiba kenname hordofuun bakka duwaa guuti.

a. 

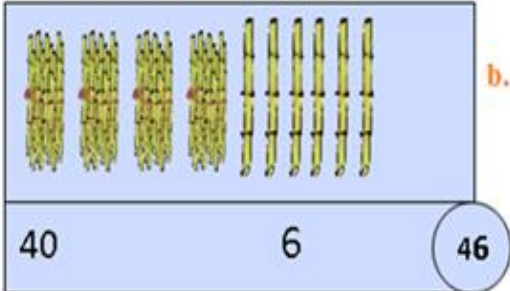
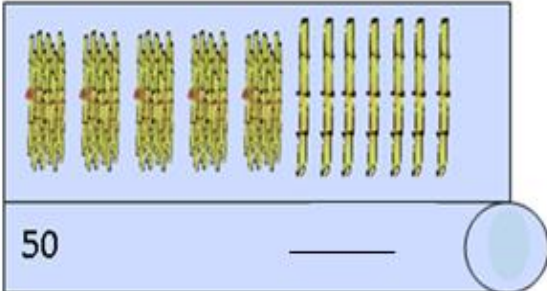
40		42		44		46		48		50
----	--	----	--	----	--	----	--	----	--	----

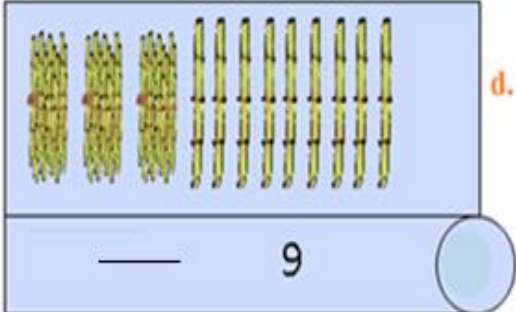
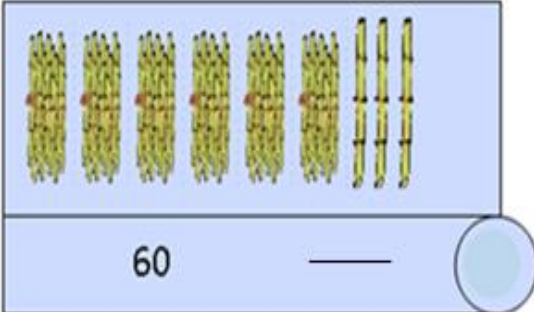
b. 

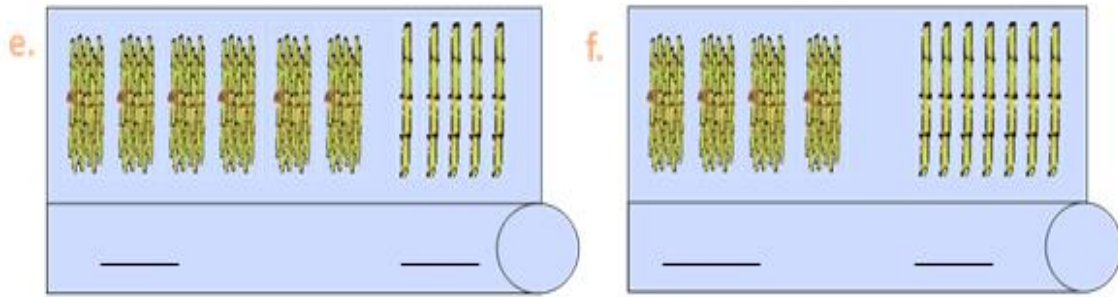
	61	62			65		67		69	
--	----	----	--	--	----	--	----	--	----	--

**Gilgaala 11**

Mukootaafi hidhawwan kennaman lakkaa'uun lakkoofsota bakka duwwaatti guuti.

a.  b. 

c.  d. 



**Gocha 5:** Gabatee lakkoofsota hamma 100tti qabu dubbisi.

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

**Gilgaala 12**

Lakkaa’uu itti fufuu yookiin duubatti lakkaa’uun bakka duwwaa guuti.

90	80	70	60	50	40	30	20
22	32						
9	19						
85	75	65					
77	67	57					
10	20						
79	69						

## 5.3. Tariiba Lakkoofsotaa

**Gocha 6:** Tariiba lakkoofsa irratti hundaa' uun bakka duwwaa guuti.

51	52	53	54	55	56	57	58	59	60
	62							69	
		73							80

**Gilgaala 13** Lakkoofsota kennaman keessaa lakkoofsa xiqqaatti mari.

a.

23	13	19
----	----	----

b.

32	45	50
----	----	----

c.

69	68	67
----	----	----

d.

43	48	44
----	----	----

**Gilgaala 14** Lakkoofsota kennaman keessaa lakkoofsa guddaatti mari.

a.

27	22	34
----	----	----

b.

24	26	22
----	----	----

c.

31	40	50
----	----	----

d.

96	85	84
----	----	----

**Gocha 7:** Tartiiba lakkoofsaa eeguun bakka duwaa guutuun dubbisi.

1	2	3	4	5	6	7	8	9	10
11			14				18	19	20
21	22	23					28		
		33			36	37			40
41	42	43	44	45	46			49	50
51	52			55	56	57	58		
61	62	63	64			67	68		
71			74	75	76			79	80
81	82	83	84	85	86	87	88	89	90
91	92			95	96	97	98		

**Hojii Garee:** Lakkoofsota kennaman gidduutti lakkoofsa argamu barreessi.

- a. 14 , **15** , 16      b. 41, \_\_\_\_, 43      c. 64 , \_\_\_\_, 66
- d. 52 , \_\_\_\_, 54      e. 70, \_\_\_\_, 72      f. 75 , \_\_\_\_, 77

**Gilgaala 15**

Kaardota adda addaa saanduqa keessa jiran haala lakkoofsa irratti barreeffameen xiqqaa irra gara guddaatti tartiibessi.

a.

$40 < 45 < 60 < 65 < 70$

b.

$18 < \square < \square < \square < \square$



c.



d.



**Gilgaala 16**

Fakkeenya kenname irratti hundaa' uun tartiibessi.

a. 65, 62, 68, 86

$$62 < 65 < 68 < 86$$

c. 28, 36, 29, 39

\_\_\_\_\_

b. 21, 3, 52, 17

\_\_\_\_\_

d. 85, 92, 99, 70

\_\_\_\_\_

**Gocha 8**

Fakkiilee kennaman haala duraa duuba isaaniitiin bitaa irraa gara mirgaatti sadarkaa isaanii barreessi.



a. Lukkuu: 5ffaa

b. Daakkiyyee: \_\_\_\_\_

c. Hoolaa: \_\_\_\_\_

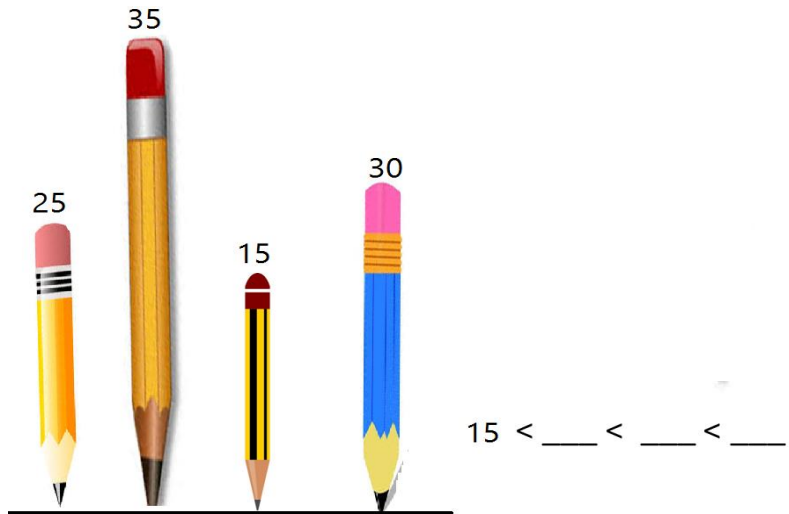
d. Gaala: \_\_\_\_\_

e. Sangaa: \_\_\_\_\_

f. Farda: \_\_\_\_\_

**Gilgaala 17**

Qubeessaawwan dheerina adda addaa qaban akkataa dheerinni isaanii lakkoofsaan kennameen tartiibeessi.



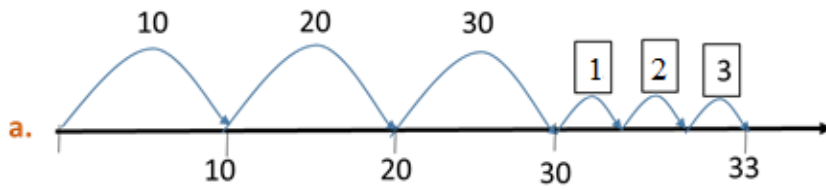
**5.4 Gatii Bakka Tokkeefi Kurnee**

**Gocha 9:** Wantoota kennaman kurnee fi tokkeen lakkaa'uun lakkoofsa barreessi.

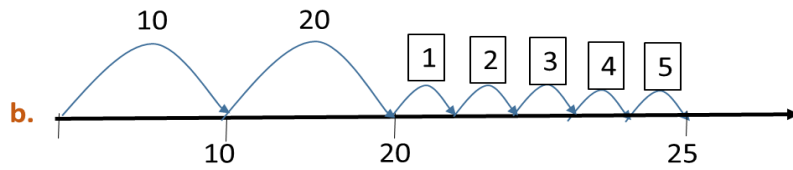
	<p>Kurnoota = 2</p> <p>Takkeewwan = 9</p>	<p>Lakkoofsa</p> <p>29</p>
	<p>Kurnoota = _____</p> <p>Takkeewwan = _____</p>	
	<p>Kurnoota = _____</p> <p>Takkeewwan = _____</p>	

**Gilgaala 18**

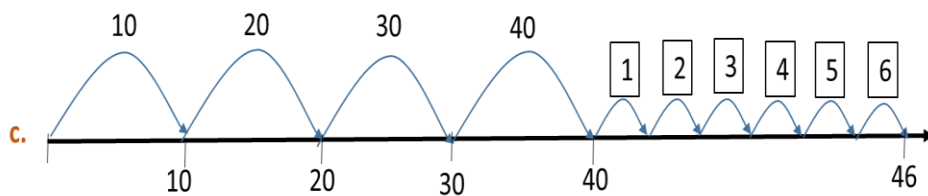
Akka fakkeenya kennameetti hojjedhu.



Kurnee = 3  
Tokkee = 3  
Lakkoofsa = 33



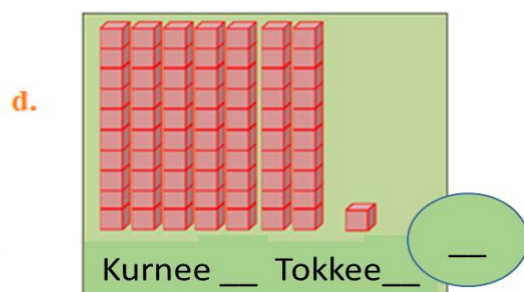
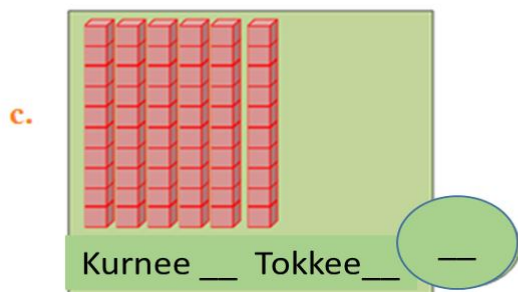
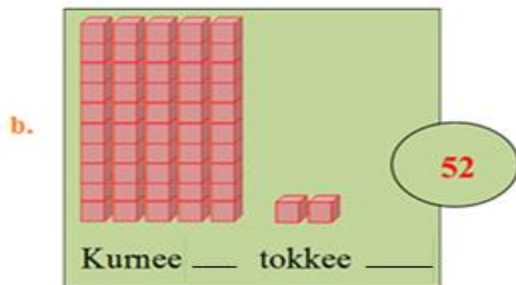
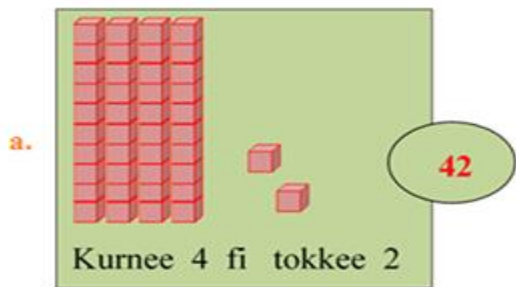
kurnee = \_\_\_  
Tokkee = \_\_\_  
Lakkoofsa = \_\_\_



kurnee = \_\_\_  
Tokkee = \_\_\_  
Lakkoofsa = \_\_\_

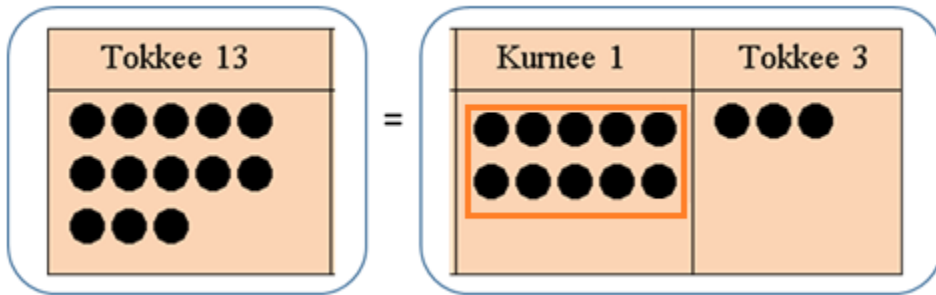
**Gilgaala 19**

Gatii bakkaa kurneefi tokkee adda baasi.



**Gilgaala 20**

Tuqaalee kennaman kurneewwaniifi tokkeewwanitti adda baasi.



- a. Tokkeewwan 13                      Kurnee   1   tokkee   3
- b. Tokkeewwan 17                      Kurnee \_\_\_\_\_ tokkee \_\_\_\_\_
- c. Tokkeewwan 23                      Kurnee \_\_\_\_\_ tokkee \_\_\_\_\_
- d. Tokkeewwan 19                      Kurnee \_\_\_\_\_ tokkee \_\_\_\_\_

**Gilgaala 21**

Fakkeenya kenname hordofuun mallattoo hariiroo

“<“, >” yookiin “= “ bakka duwwaatti guuti.

a.

45	Gatii bakkaa kurnee	Gatii bakkaa tokkee
	4	5

4 > 3

Kurnee 4 > Kurnee 3

45 > 36

36	Gatii bakkaa kurnee	Gatii bakkaa tokkee
	3	6

3 < 4

Kurnee 3 < Kurnee 4

36 < 45

b. 42  56

c. 40  40

d. 39  41

e. 26  33

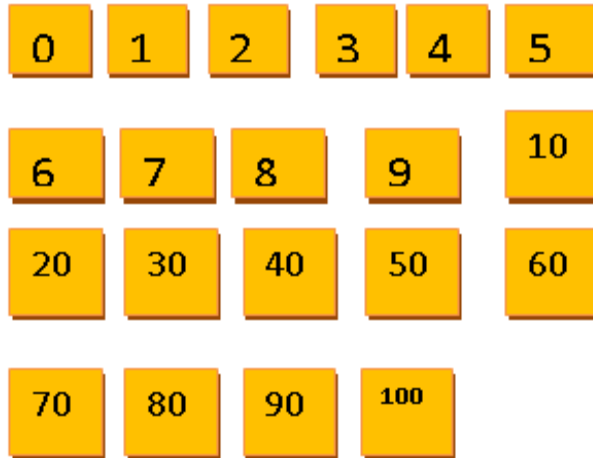
f. 78  58

g. 96  40

BOQONNAA

6

$12 + 88 = \underline{\quad} \quad 42 - 17 = \underline{\quad}$



## IDA'UUFU HIR'ISUU LAKKOOFSTAA HAMMA 100TTI

### 6.1 Ida'uu Lakkoofsota Dijiitii Tokkoofi Dijiitoota

#### Lamaa

#### Gocha 1: Ida'i

a.  $4$

+ 5

b.  $2$

+ 3

c.  $6$

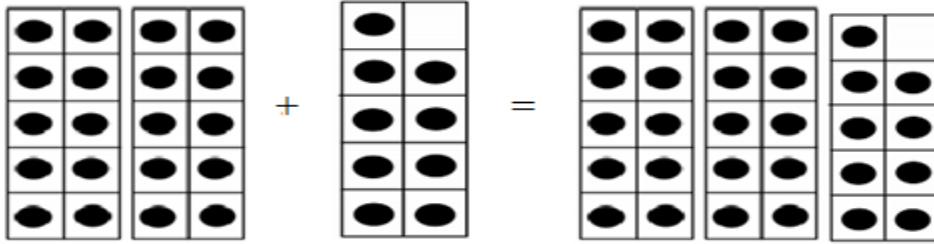
+ 4

d.  $12$

+ 3

**Gilgaala 1**

Baay'attoota 10 irraatti lakkoofsa dijiitii tokkoo ida'uun bakka duwaa keenname irraatti guuti.



$$20 + 9 = 29$$

a.  $30 + 5 = \underline{\quad}$

b.  $90 + 2 = \underline{\quad}$

c.  $60 + 1 = \underline{\quad}$

d.  $40 + 6 = \underline{\quad}$

e.  $20 + 8 = \underline{\quad}$

f.  $50 + 4 = \underline{\quad}$

g.  $50 + 7 = \underline{\quad}$

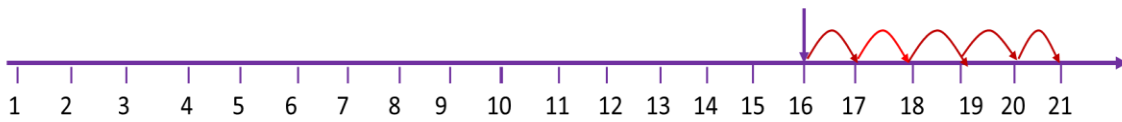
h.  $70 + 3 = \underline{\quad}$

i.  $80 + 9 = \underline{\quad}$

**Gilgaala 2**

Lakkaa'uu itti fufuu fayyadamuun ida'i.

$16 + 5 = \underline{\quad}$



16 irraa 5 itti fufuun lakkaa'uu: 17, 18, 19, 20, 21

$16 + 5 = 21$

a.  $73 + 4 = \underline{\quad}$

b.  $44 + 5 = \underline{\quad}$

c.  $21 + 6 = \underline{\quad}$

d.  $63 + 6 = \underline{\quad}$

e.  $81 + 8 = \underline{\quad}$

f.  $53 + 2 = \underline{\quad}$

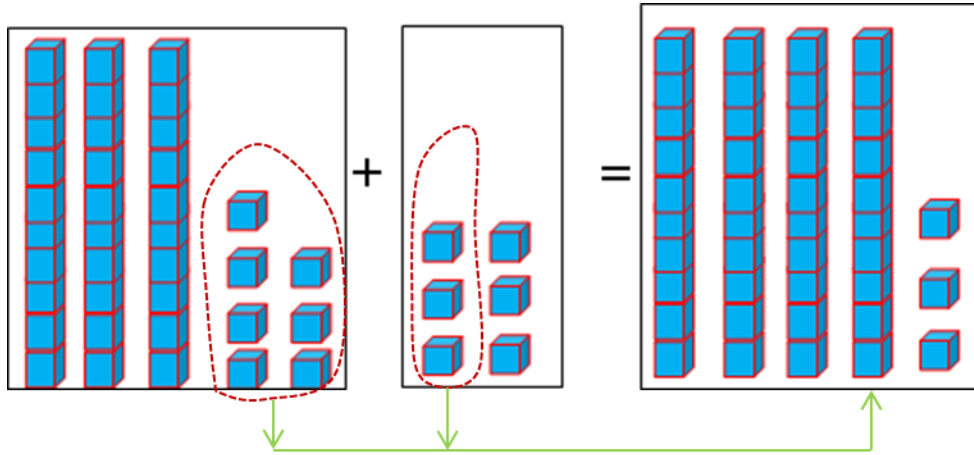
g.  $34 + 2 = \underline{\quad}$

h.  $78 + 2 = \underline{\quad}$

i.  $65 + 4 = \underline{\quad}$

**Gilgaala 3**

Hambifannaan ida'uun bakka duwwaa guuti.



$$37 + 6 = 43$$

a.  $47 + 5 = \underline{\quad}$

b.  $22 + 9 = \underline{\quad}$

c.  $79 + 7 = \underline{\quad}$

d.  $36 + 6 = \underline{\quad}$

e.  $69 + 4 = \underline{\quad}$

f.  $83 + 8 = \underline{\quad}$

g.  $51 + 9 = \underline{\quad}$

h.  $68 + 5 = \underline{\quad}$

i.  $29 + 3 = \underline{\quad}$

**Gilgaala 4**

Irraa gadee ida'i.

a.

$$\begin{array}{r} 24 \\ + 5 \\ \hline \boxed{29} \end{array}$$

	Kurnee	Tokkee
	2	4
+		5
	2	9

b.

$$\begin{array}{r} 33 \\ + 6 \\ \hline \underline{\quad} \end{array}$$

c.

$$\begin{array}{r} 77 \\ + 2 \\ \hline \underline{\quad} \end{array}$$

d.

$$\begin{array}{r} 42 \\ + 8 \\ \hline \underline{\quad} \end{array}$$

e.

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

$$\begin{array}{r} \text{f. } 23 \\ + 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{g. } 95 \\ + 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{h. } 73 \\ + 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{i. } 93 \\ + 6 \\ \hline \\ \hline \end{array}$$

**Gilgaala 5** Bakka duwaa guuti.

$$\text{a. } 17 + \boxed{2} = 19$$

$$\text{b. } 34 + \boxed{\phantom{00}} = 38$$

$$\text{c. } 20 + \boxed{\phantom{00}} = 26$$

$$\text{d. } \boxed{9} + 30 = 39$$

$$\text{e. } \boxed{\phantom{00}} + 35 = 40$$

$$\text{f. } 65 + \boxed{\phantom{00}} = 69$$

## 6.2 Lakkoofsa Dijiitoota Lamaa Irraa Lakkoofsa Dijiitii Tokkoo Hir'isuu

**Gocha 2:** Caalmaa lakkoofsota kennamanii shallagi.

$$\text{a. } 9 - 4 = \boxed{\phantom{00}}$$

$$\text{b. } 11 - 6 = \boxed{\phantom{00}}$$

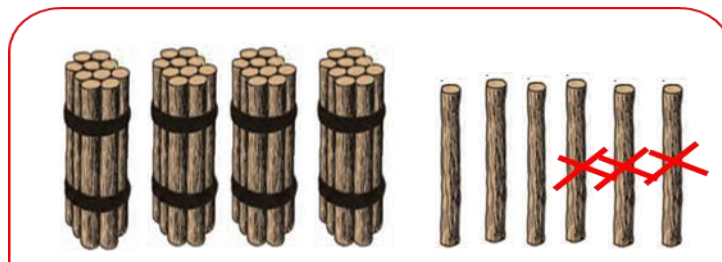
$$\text{c. } 5 - 1 = \boxed{\phantom{00}}$$

$$\text{d. } 17 - 6 = \boxed{\phantom{00}}$$

$$\text{e. } 6 - 3 = \boxed{\phantom{00}}$$

$$\text{f. } 19 - 9 = \boxed{\phantom{00}}$$

**Gilgaala 6** Haaluma fakkeenya kennameen bakka duwaa guuti.



$$46 - 3 = 43$$

$$\text{a. } 28 - 8 = \underline{\hspace{2cm}}$$

$$\text{b. } 45 - 4 = \underline{\hspace{2cm}}$$

$$\text{c. } 66 - 5 = \underline{\hspace{2cm}}$$

$$\text{d. } 39 - 7 = \underline{\hspace{2cm}}$$

$$\text{e. } 47 - 7 = \underline{\hspace{2cm}}$$

$$\text{f. } 29 - 6 = \underline{\hspace{2cm}}$$



**Gilgaala 7**

Gabatee gatii bakkaa tokkeefi kurnee gargaaramuun hir'isi.

a. 
$$\begin{array}{r} 78 \\ -5 \\ \hline 73 \end{array}$$

Kurnee	Tokkee
78	
- 5	
73	

b. 
$$\begin{array}{r} 56 \\ -1 \\ \hline \end{array}$$

Kurnee	Tokkee
56	
- 1	
55	

c. 
$$\begin{array}{r} 69 \\ -5 \\ \hline \end{array}$$

d. 
$$\begin{array}{r} 86 \\ -3 \\ \hline \end{array}$$

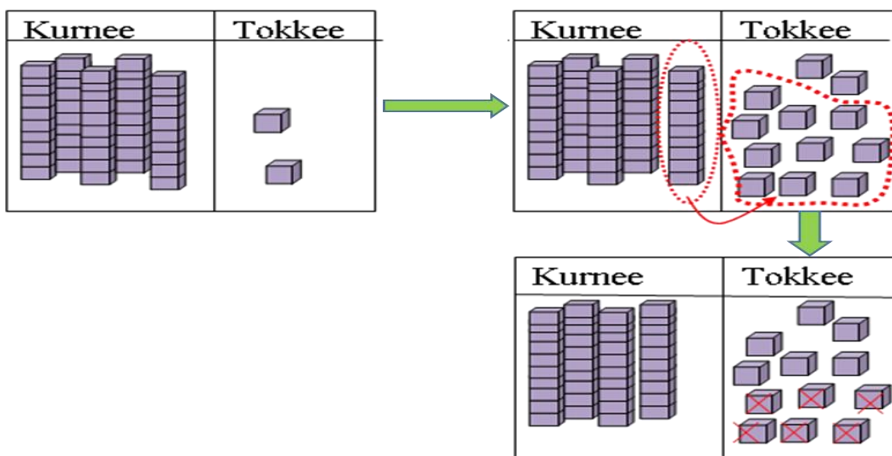
e. 
$$\begin{array}{r} 28 \\ -3 \\ \hline \end{array}$$

**Gilgaala 8**

Akka fakkeenya kennameetti saanduqa duwwaa guuti.

a.  $52 - 6 = \underline{\quad}$

Tokkee: 2 - 6 hin danda'amu. Kurnee 1 + tokkee 2 = tokkeewwan 12



$12 - 6 = 6$

a.

Kurnee	Tokkee
4	12
<del>5</del>	<del>2</del>
-	6
46	

b.

Kurnee	Tokkee
3	8
-	9

c.

Kurnee	Tokkee
6	3
-	7

d.

Kurnee	Tokkee
3	6
-	8

e.

Kurnee	Tokkee
7	2
-	6

f.

Kurnee	Tokkee
8	1
-	3

### 6.3 Lakkoofsota Dijiiroota Lamaa Ida'uu

**Gocha 3:** Baay'attoota kudhanii ida'i.

a.  $10 + 20 = 30$

c.  $40 + 30 = \underline{\hspace{2cm}}$

e.  $30 + 20 = \underline{\hspace{2cm}}$

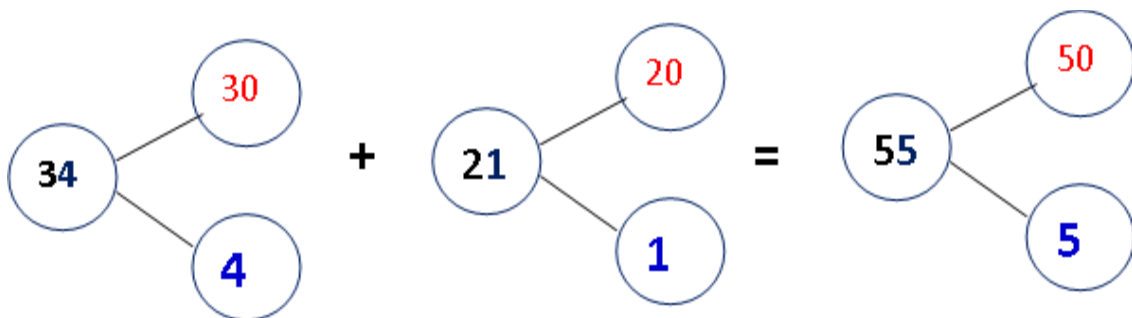
b.  $50 + 10 = \underline{\hspace{2cm}}$

d.  $70 + 20 = \underline{\hspace{2cm}}$

f.  $20 + 20 = \underline{\hspace{2cm}}$

**Gilgaala 9**

Dalgee ida'i.



a.  $34 + 21 = 55$

b.  $23 + 43 = \underline{\hspace{2cm}}$

c.  $72 + 23 = \underline{\hspace{2cm}}$

d.  $35 + 22 = \underline{\hspace{2cm}}$

e.  $19 + 40 = \underline{\hspace{2cm}}$

f.  $82 + 15 = \underline{\hspace{2cm}}$

**Gilgaala 10** Hambifannaa malee ida'uun bakka duwwaa guuti.

a.

	Kurnee	Tokkee
	2	3
+	1	4
	3	7

b.

	Kurnee	Tokkee
	4	6
+	5	3

c.

	Kurnee	Tokkee
	4	3
+	3	5

d.

	Kurnee	Tokkee
	8	1
+	1	4

e.

	Kurnee	Tokkee
	1	7
+	1	2

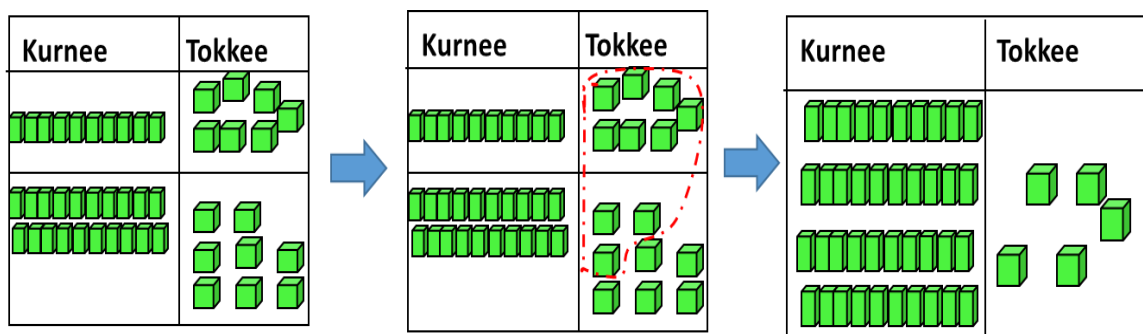
f.

	Kurnee	Tokkee
	3	5
+	2	3

**Gilgaala 11** Akka fakkeenya kenneetti ida'uun bakka duwwaa guuti.

a.

	Kurnee	Tokkee
+	1	7
	2	8



a.

Kurnee	Tokkee
1	
+	
1	7
2	8
4	5

b.

Kurnee	Tokkee
+	
6	4
1	6

c.

Kurnee	Tokkee
+	
2	8
6	4

d.

Kurnee	Tokkee
+	
1	4
4	8

e.

Kurnee	Tokkee
+	
5	3
3	9

f.

Kurnee	Tokkee
+	
5	4
1	8

**Gilgaala 12**

Haaluma fakkeenya kennameen ida'uun bakka duwwaa guuti.

a.

1	
4	5
+	2
	6
7 1	

b.

2	3
+	4
	8

c.

6	4
+	1
	9

d.

4	7
+	3
	8

e.

6	0
+	3
	6

f.

3	9
+	2
	9

g.

5	4
+	3
	7

h.

8	5
+	1
	6

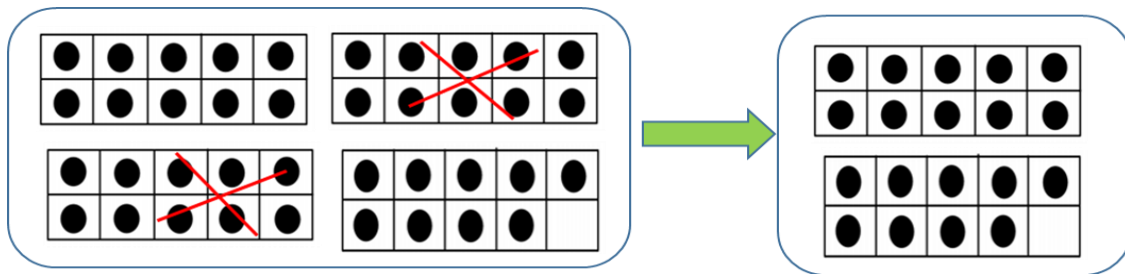
## 6.4 Lakkoofsota Dijiitoota Lamaa Hir'isuu

**Gocha 4:** Caalmaa baay'attoota kudhanii barbaadi.

- a.  $80 - 40 = 40$       b.  $90 - 70 = \underline{\hspace{2cm}}$       c.  $70 - 30 = \underline{\hspace{2cm}}$   
 d.  $80 - 20 = \underline{\hspace{2cm}}$       e.  $20 - 10 = \underline{\hspace{2cm}}$       f.  $70 - 40 = \underline{\hspace{2cm}}$

**Gilgaala 13** Lakkoofsa kennaman irraa baay'attoota kudhanii hir'isi.

$39 - 20 = \underline{\hspace{2cm}}$

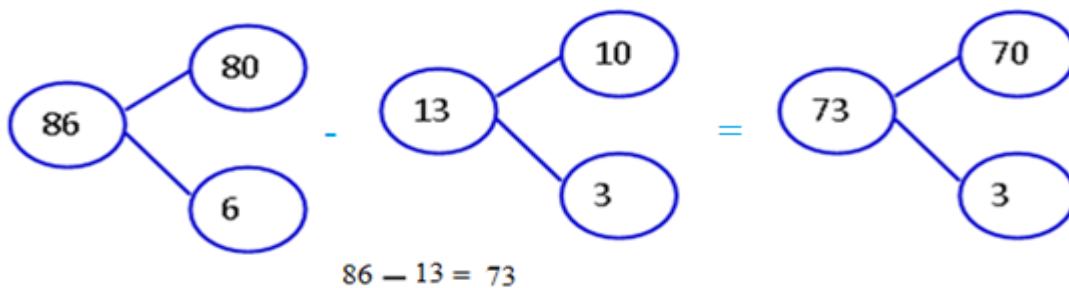


$39 - 20 = 19$

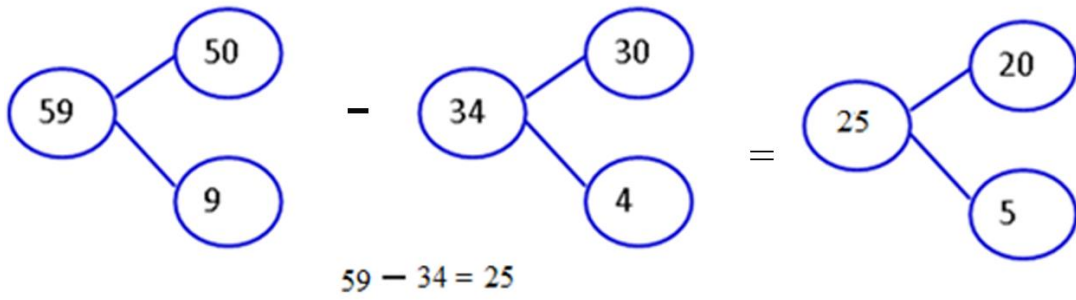
- a.  $89 - 20 = \underline{\hspace{2cm}}$       b.  $66 - 30 = \underline{\hspace{2cm}}$       c.  $99 - 30 = \underline{\hspace{2cm}}$   
 d.  $14 - 10 = \underline{\hspace{2cm}}$       e.  $42 - 20 = \underline{\hspace{2cm}}$       f.  $54 - 40 = \underline{\hspace{2cm}}$

**Gilgaala 14** Akka fakkeenya kennameetti hojjechuun bakka duwaa guuti.

$86 - 13 = \underline{\hspace{2cm}}$



$59 - 34 = \underline{\hspace{2cm}}$



- a.  $29 - 15 = \underline{\hspace{2cm}}$       b.  $86 - 42 = \underline{\hspace{2cm}}$       c.  $52 - 31 = \underline{\hspace{2cm}}$   
 d.  $75 - 29 = \underline{\hspace{2cm}}$       e.  $59 - 55 = \underline{\hspace{2cm}}$       f.  $68 - 33 = \underline{\hspace{2cm}}$

**Gilgaala 15** Fakkeenya kenname hordofuun hir'isi.

a.

Kurnee	Tokkee
5	7
4	3
1	4

b.

Kurnee	Tokkee
3	3
2	2

c.

Kurnee	Tokkee
5	9
3	1

d.

Kurnee	Tokkee
3	7
1	4

e.

Kurnee	Tokkee
8	7
4	3

f.

Kurnee	Tokkee
6	8
2	7

g.

Kurnee	Tokkee
9	2
7	1

**Gilgaala 16** Liqeffannaan hir'isi.

a.

Kurnee	Tokkee
5	14
<del>6</del>	<del>4</del>
3	8
2	6

b.

Kurnee	Tokkee
6	2
4	8

c.

Kurnee	Tokkee
8	6
1	7

d.

Kurnee	Tokkee
7	1
1	8

e.

Kurnee	Tokkee
8	0
6	5

f.

Kurnee	Tokkee
3	4
2	7

g.

Kurnee	Tokkee
3	6
1	9

**Gilgaala 17:** Irraa gadee hir'isi.

a.

5	15	
<del>6</del>	<del>5</del>	
- 3	6	
<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 5px;">29</td> </tr> </table>		29
29		

b.

5	2	
- 4	5	
<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 40px; height: 20px;"></td> </tr> </table>		

c.

8	5	
- 5	8	
<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 40px; height: 20px;"></td> </tr> </table>		

d.

$$\begin{array}{r} \square \square \\ 33 \\ - 18 \\ \hline \square \square \end{array}$$

e.

$$\begin{array}{r} \square \square \\ 66 \\ - 47 \\ \hline \square \square \end{array}$$

f.

$$\begin{array}{r} \square \square \\ 67 \\ - 38 \\ \hline \square \square \end{array}$$

g.

$$\begin{array}{r} \square \square \\ 78 \\ - 49 \\ \hline \square \square \end{array}$$

h.

$$\begin{array}{r} \square \square \\ 23 \\ - 17 \\ \hline \square \square \end{array}$$

i.

$$\begin{array}{r} \square \square \\ 63 \\ - 26 \\ \hline \square \square \end{array}$$

**Gilgaala 18**

Akka fakkeenya kennameetti hojjechuun bakka duwwaa guuti.

a.

$$\begin{array}{r} 716 \\ 86 \\ - 17 \\ \hline 69 \end{array}$$

b.

$$\begin{array}{r} 67 \\ - 46 \\ \hline \square \square \end{array}$$

c.

$$\begin{array}{r} 44 \\ - 39 \\ \hline \square \square \end{array}$$

d.

$$\begin{array}{r} 60 \\ - 48 \\ \hline \square \square \end{array}$$

e.

$$\begin{array}{r} 30 \\ - 17 \\ \hline \square \square \end{array}$$

f.

$$\begin{array}{r} 51 \\ - 26 \\ \hline \square \square \end{array}$$

g.

$$\begin{array}{r} 45 \\ - 23 \\ \hline \square \square \end{array}$$

h.

$$\begin{array}{r} 37 \\ - 28 \\ \hline \square \square \end{array}$$

i.

$$\begin{array}{r} 87 \\ - 46 \\ \hline \square \square \end{array}$$



## 6.5 Piroobileemota Jechaa Ida'uufi Hir'isuu

### Lakkoofsota Hamma 100 Ofkeessaa Qaban

#### Gilgaala 19

1. Obbo Tolosaan hoolota 15 qabu. Hoolota 8 yoo gurguratan hoolota meeqatu hafaaf?



2. Aadde Caaltuun muuziwwan 48 qabdi. Muuziwwan 28 yoo gurguratte, muuziwwan meeqatu hafaaf?
3. Ani lakkoofsa. Yoo 50 ana irratti dabalani 85'n ta'a. Ani meeqa?

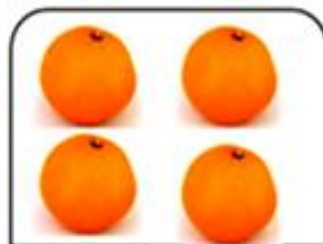
$$\boxed{\phantom{00}} + 50 = 85$$

4. Aadde Ayyaantuun muuzii qarshii 65 fi burtukaana qarshii 28tti gurguratte. Walitti qarshii meeqatti gurguratte ?



Qarshii 65

+

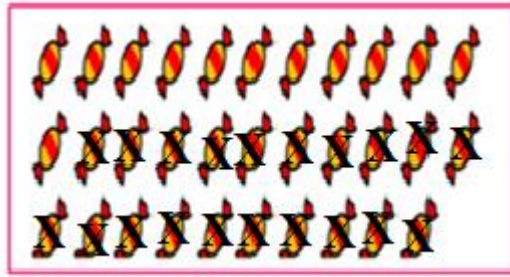


Qarshii 28

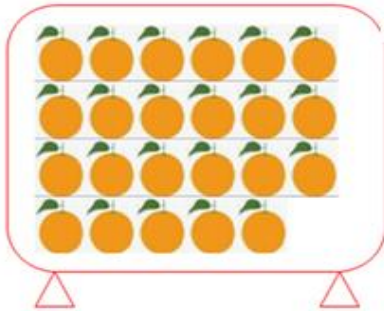
=

Qarshii \_\_\_

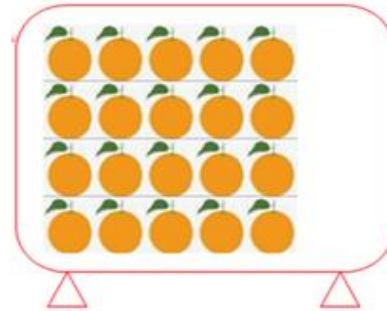
5. Aadde Caaltuun daldaluuf karamella 32 bitte. Kana keessaa karamella 20 yoo gurguratte karamella meeqatu hafaaf?



6. Saanduqa tokko keessa burtukaanota 23tu jira. Saanduqa lammaffaa keessa burtukaanota 20 jira. Walumatti saanduqoota lamaan keessa burtukaanota meeqa jira ?



Saanduqa 1 ffaa

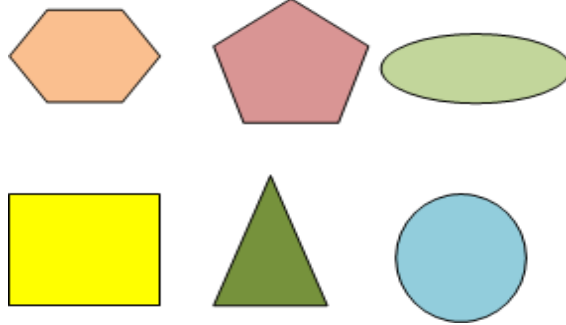


Saanduqa 2 ffaa

7. Obbo Obsaan qarshii 70 qaba. Qarshii 12'n yoo muuzii bite, qarshii meeqatu hafaaf?
8. Daree tokko keessa barattoota 40tu jira. Isaan keessa 17 dhiira yoo ta'an baay'inni barattoota shamarraanni meeqa?

**BOQONNAA**

**7**



**BOCOOTA**

## 7.1 Bocoota Daayimeenshinii Lamaa Gargar

### Baasuu

#### Gocha 1

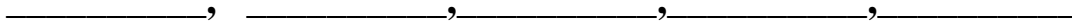
Naannoo keessanitti meeshaalee yookiin wantoota argaman keessaa kanneen boca armaan gadii qaban tarreessi.

1.



**Deebii:** Gabatee gurraacha, cufaa kutaa, foddaa, irra minjaalaafi dabtara keessan.

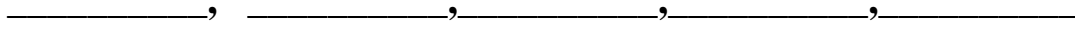
2.



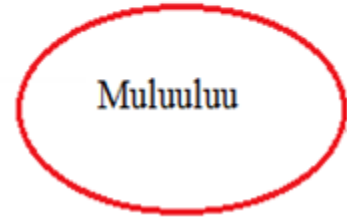
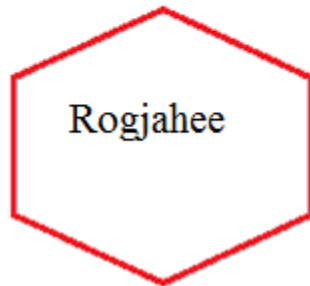
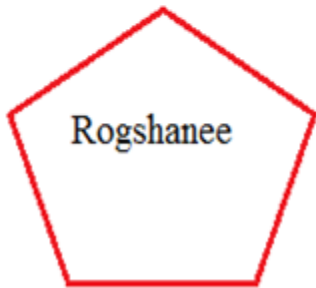
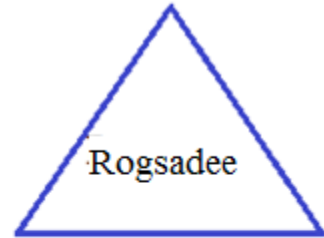
3.



4.



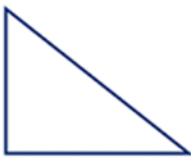
**Bocoota Ji'oomeetiriin walbaruu.**



**Gilgaala 1**

Danaalee armaan gaditti kennaman boca isaanii irratti hundaa'uun maqaa isaanii moggaasi.

1.



2.



3.



4.



5.








6.








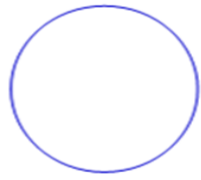
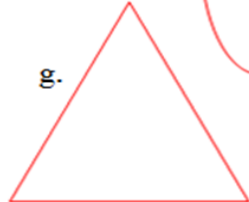

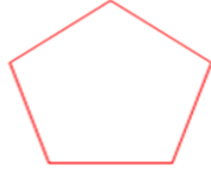
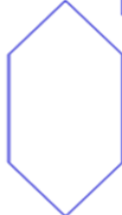

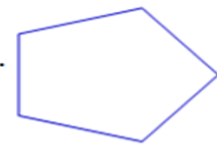
**Gilgaala 2**

Danaalee armaan gadii maqaa isaaniitiin walitti firoomsi.

- 1.  Rogsadee
- 2.  Rogafree
- 3.  Geengoo
- 4.  Rogshanee
- 5.  Rogjahee

**Gilgaala 3**

Danaalee kanneen boca walfakkaataa qaban filuun qubee kenname fayyadamuun gareen ramadi.

- a. 
- b. 
- c. 
- d. 
- e. 
- f. 
- g. 
- h. 
- i. 
- j. 
- k. 
- l. 

Garee tokkoffaa \_\_\_\_\_ Garee lammaffaa \_\_\_\_\_


Garee sadaffaa \_\_\_\_\_ Garee arfaffaa \_\_\_\_\_

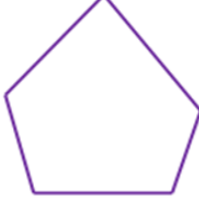
Garee shanaffaa \_\_\_\_\_ Garee ja'affaa \_\_\_\_\_


**Gilgaala 4**


Bocoota walfakkaatan walitti firoomsi.


**A**

1. 


2. 


3. 


4. 


5. 

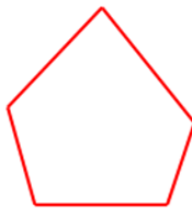
**B**










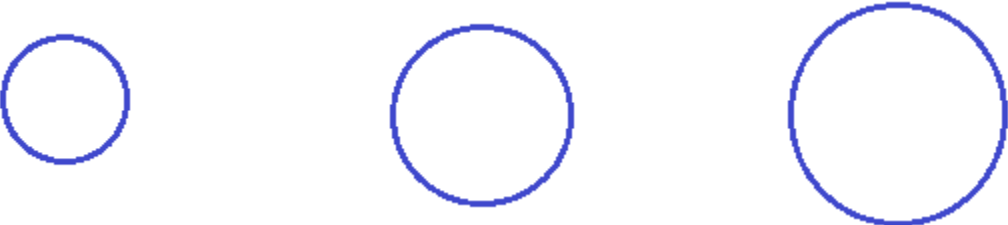



# 7.2 Danaalee Daayimeenshinii Lamaa


## Fakkeessuu

**Gocha 2:** Bocoota kennaman keessaa isa xiqqaa halluu dibi.

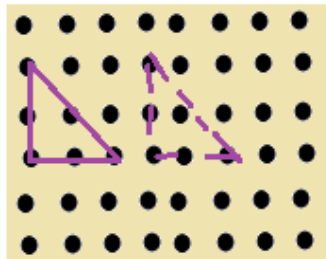
1. 

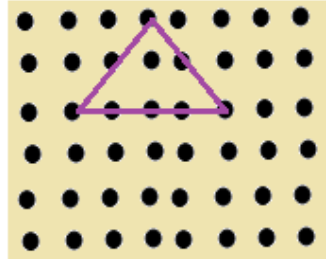
2. 

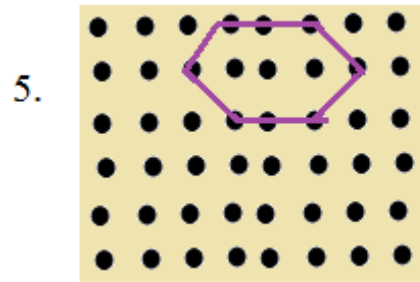
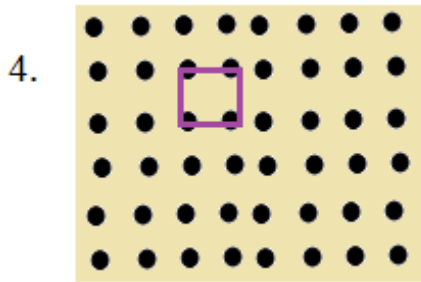
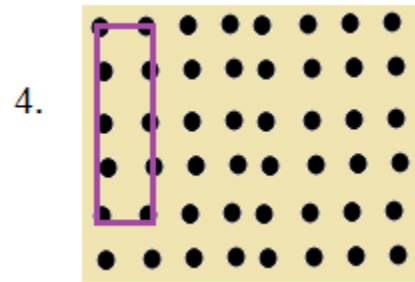
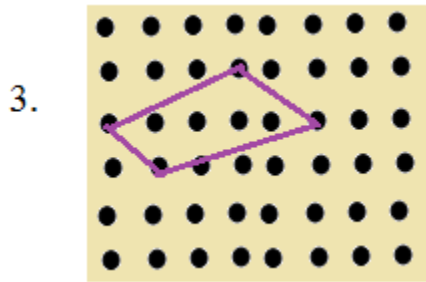
3. 

4. 

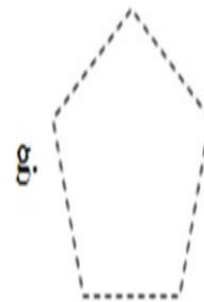
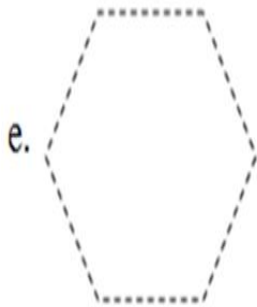
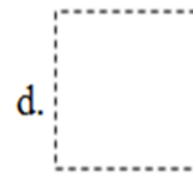
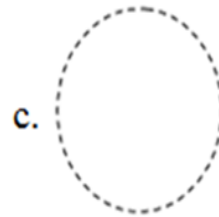
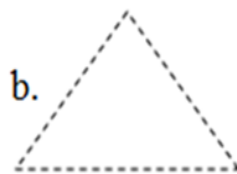
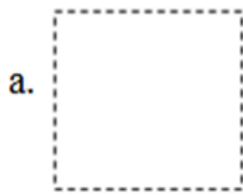
**Gilgaala 5** Tuqaalee walqabsiisuun fakkii boca kennamee fakki.

1. 

2. 



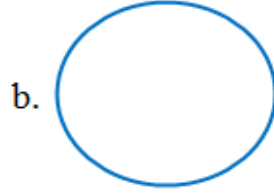
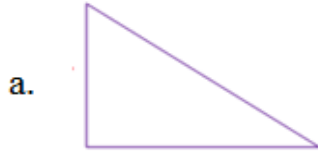
**Gilgaala 6:** Tuqaalee siif kennaman wal qabsiisuun danaalee ijaari.





**Gocha 3**

Fakkii danaa kennamee kana kaasuun walitti agarsiisaa.

**Gilgaala 7**

1. Caaliin danaa diriiroo tokko argite. Boca gubbaa minjaalaa barattoonni irratti barreessan fakkaata. Boca Caaliin argite fakkeessi.
2. Beektuun meeshaa ittiin taphattu tokko qabdi. Haphiifi marfamaa dha. Jala yookiin hundee xaasaa bishaanii fakkaata. Meeshaa Beektuun ittiin taphattu kana fakkeessi.

**Gilgaala 8**

Fakkiilee armaan gadii kanneen walfakkaatan xiqqaa irraa gara guddaatti tartiibessi.



## 7.3 Danaalee Ji'oomeetirii Fowuu


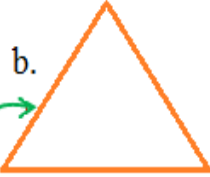


### Gocha 4

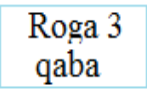
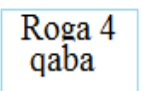
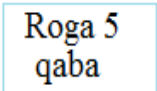
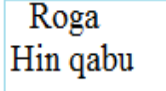
Danaa armaan gadii irratti bakka lakkoofsi 1'n agarsiifame maal jedhama?  
Lakkoofsa 2'n hoo?



### Gilgaala 9

Danaalee kennaman baay'ina rogoota qabaniin walitti firoomsi.

a.  b.  c.  d. 

### Gocha 5

Baay'ina vaarteeksii bocoota armaan gadii bakka duwwaatti guuti.

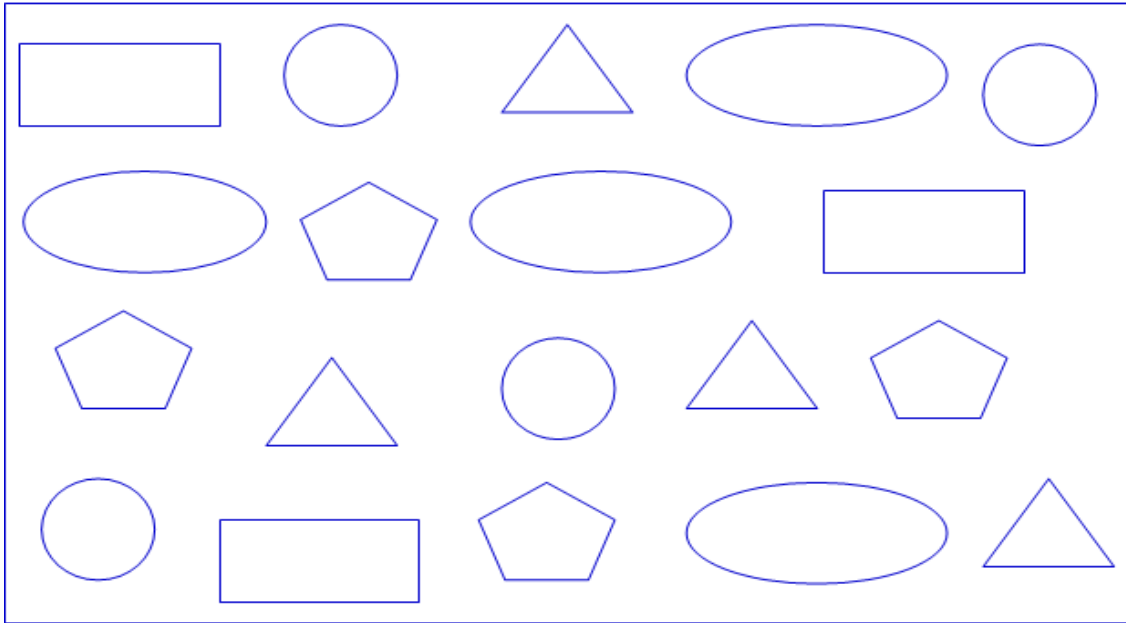
1.  2.  3.  4.  5. 

\_\_\_\_\_

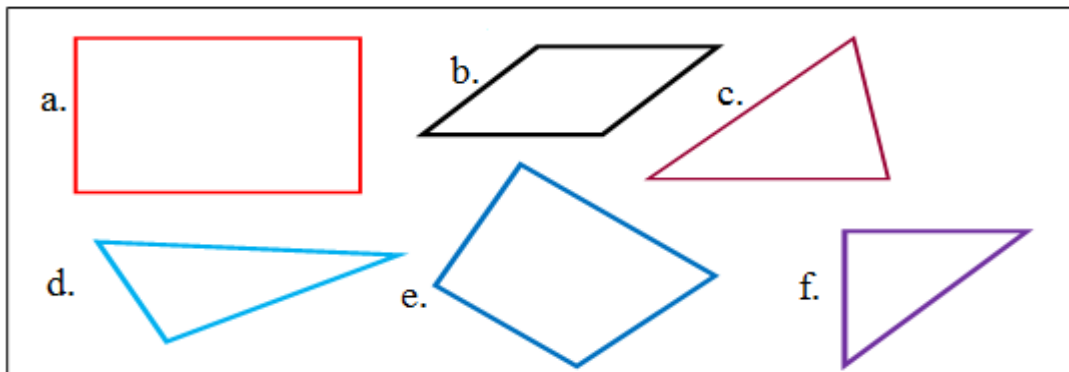
**Gilgaala 10**

Danaalee armaan gadii akkaataa halluu gabatee keessatti kennameen dibi.

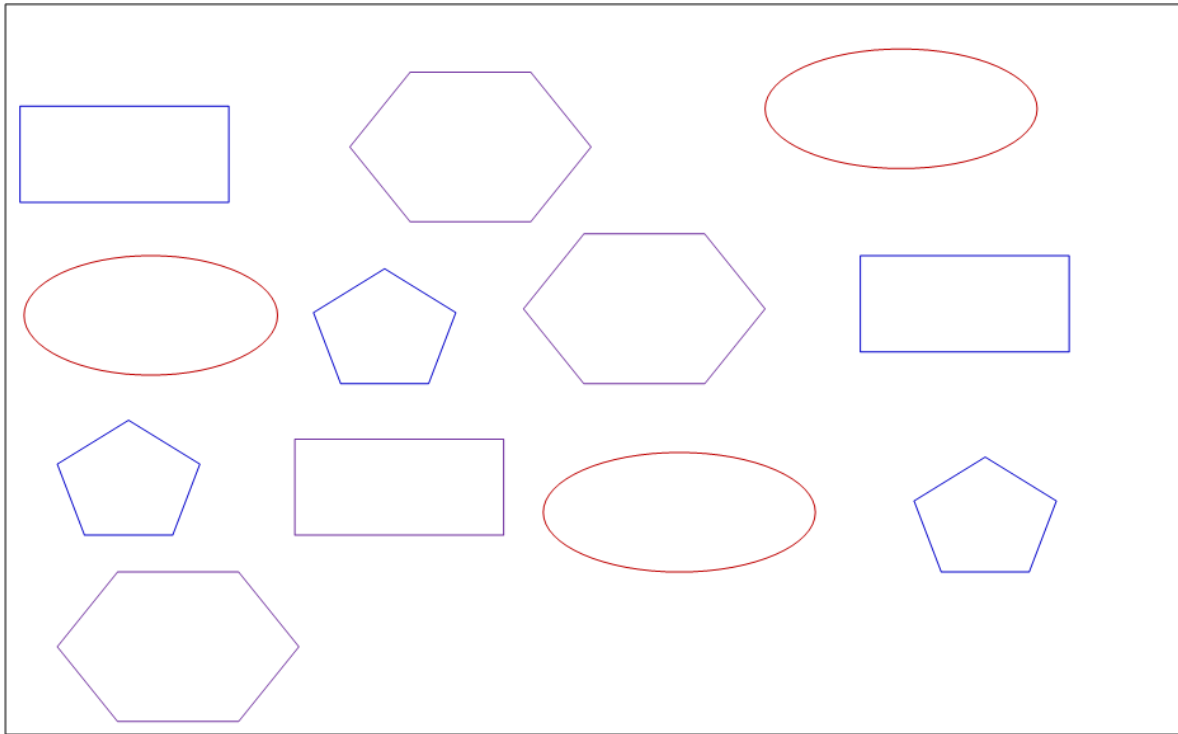
Geengoo	Rogsadee	Rogafree	Muluuluu	Rogshanee
Magariisa	Keelloo	Diimaa	Gurraacha	Cuquliisa

**Gilgaala 11**

1. Danaalee armaan gadii garee lamatti qoodi. Akkaataa itti garee lamatti qoodde sababa dhiyeessi.

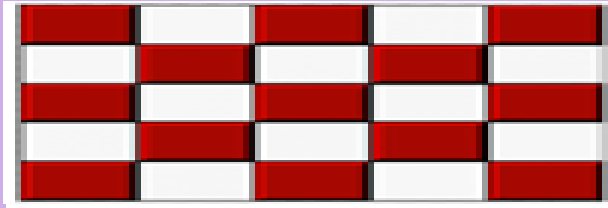


2. Danaalee kanneen akkaataa walfakkaatin isaanitiin gareewwan afuritti qoodi.



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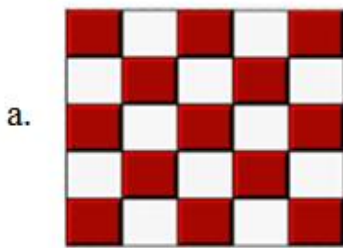


PAATARNOOTA

## 8.1 Paatarnoota Koppii Taasisuu

### Gocha 1

1. Wantootaa naannoo keessanitti argaman halluu dabaree dabareen deddeebi'uu qabu walitti himaa.

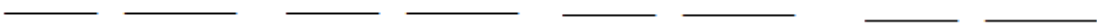


2. Qaama harree diidoo irraa haala teessuma halluu ilaalaa. Waan hubattan walitti himaa.



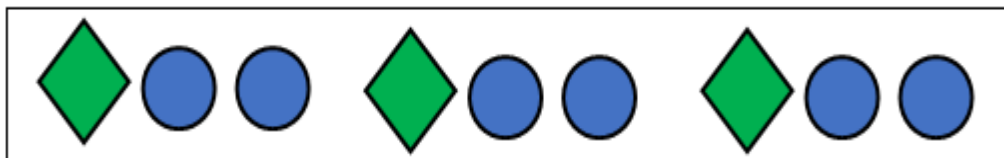
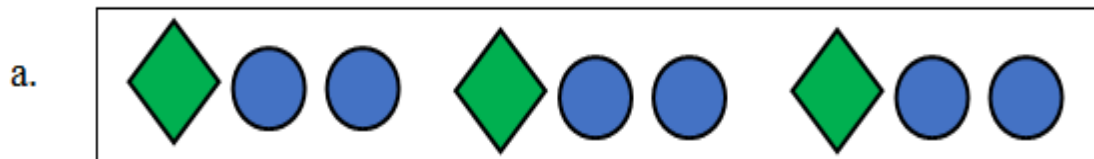
**Gilgaala 1**

Danaalee armaan gadii iddoo duwvaa siif kenname irratti irra deeb'ii kaasi.



**Gilgaala 2:**

Bocoota armaan gadii gabatee siif kenname keessatti irra deebi'ii kaasi.




b.




\_\_\_\_\_

c.



\_\_\_\_\_

d.



\_\_\_\_\_

## 8.2 Paatarnoota Itti Fufsiisuu

### Gocha 2

Tartiiba fakkiilee ilaaluun fakkii itti aanee dhufu himi.

1.

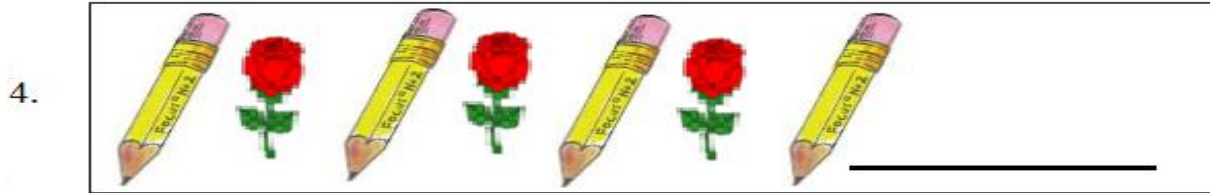


\_\_\_\_\_

2.

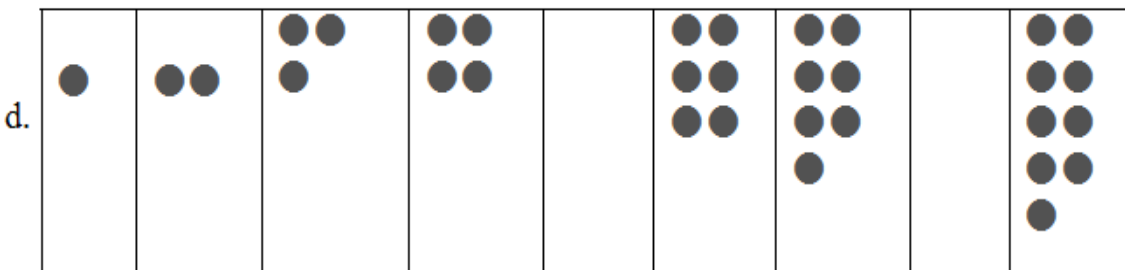
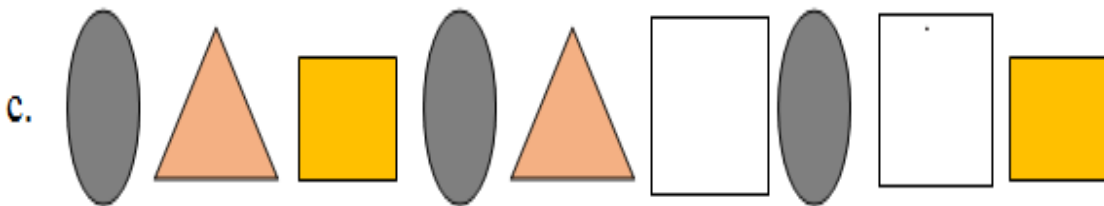
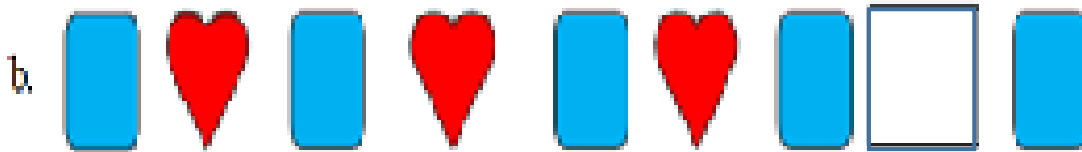
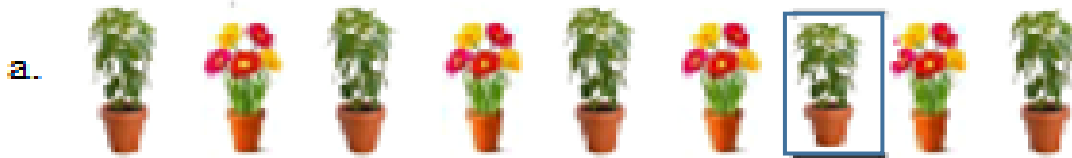


\_\_\_\_\_

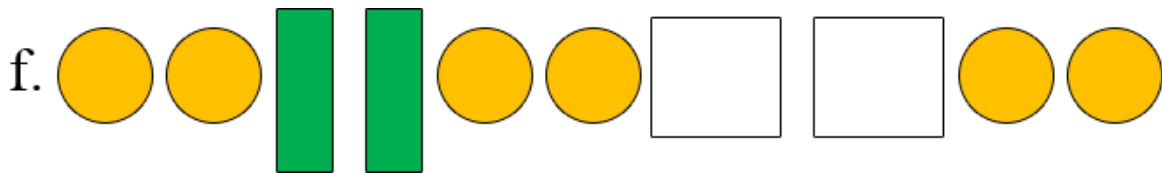
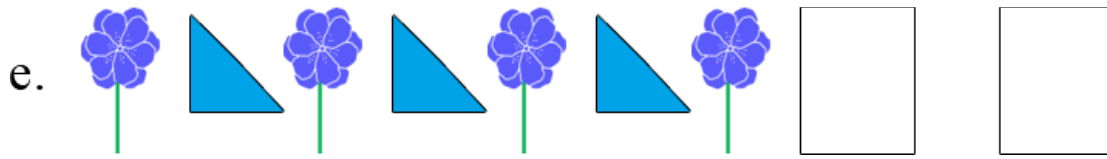


**Gilgaala 3**

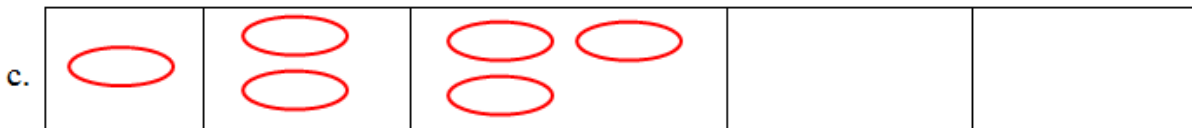
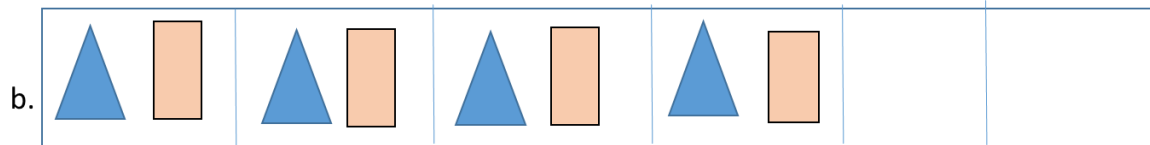
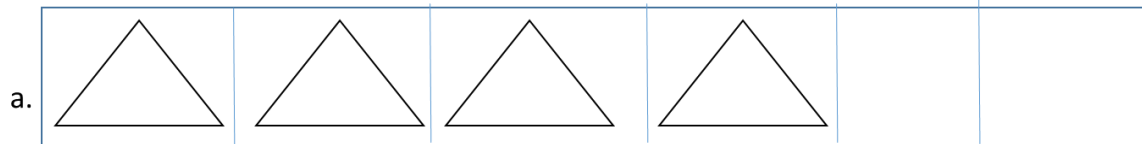
Boca tartiiba keessaa hafe saanduqa duwwaa keessatti kaasi.





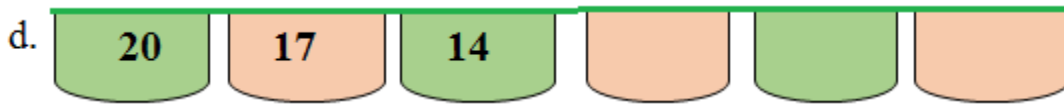
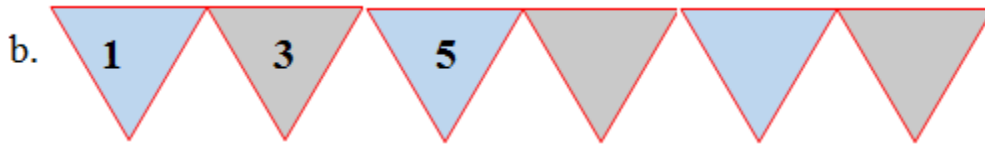
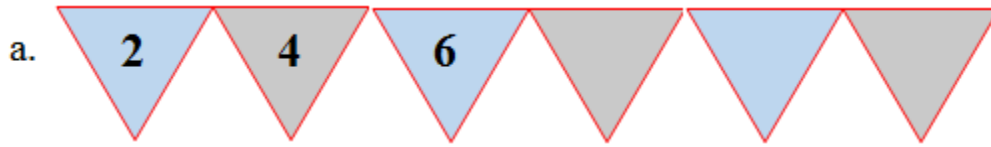


**Gilgaala 4** Tartiiba kennamee hordofuun saanduqa duwwaa keessatti fakkii kaasi.



**Gilgaala 5**

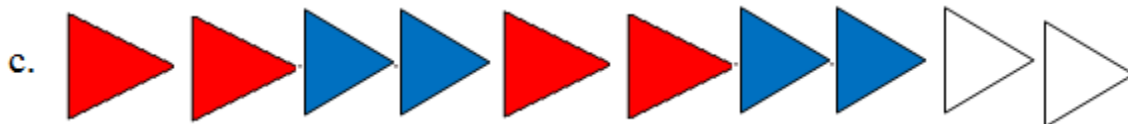
Paatarnii lakkoofsota kennamee ilaaluun bakkeewwn hafan sadan keessatti barreessi.



### 8.3 Paatarnoota Ijaaruu



**Gocha 3**

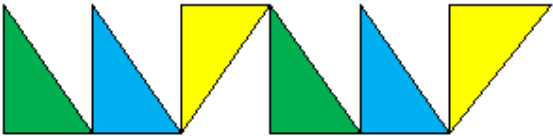
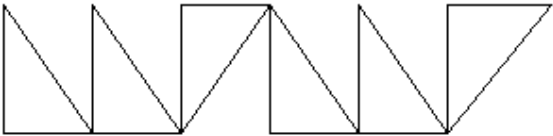
Paatarnii halluu bocoota kennamanii hordoofuun bocoota halluu hinqabne dibi.


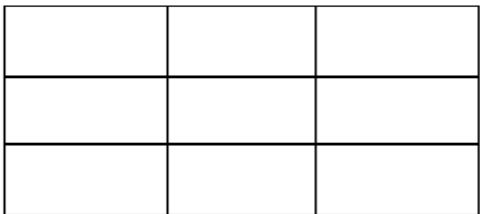


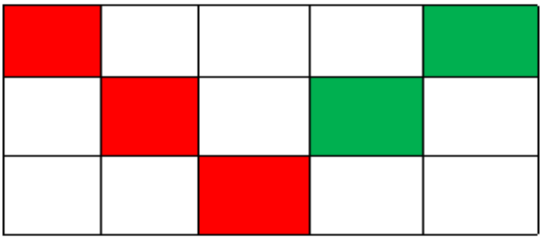
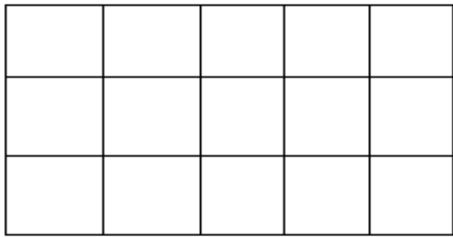
**Gilgaala 6**

Bocoota halluu hinqabne haala paatarnii halluu gama bitaatti argamuun dibi.

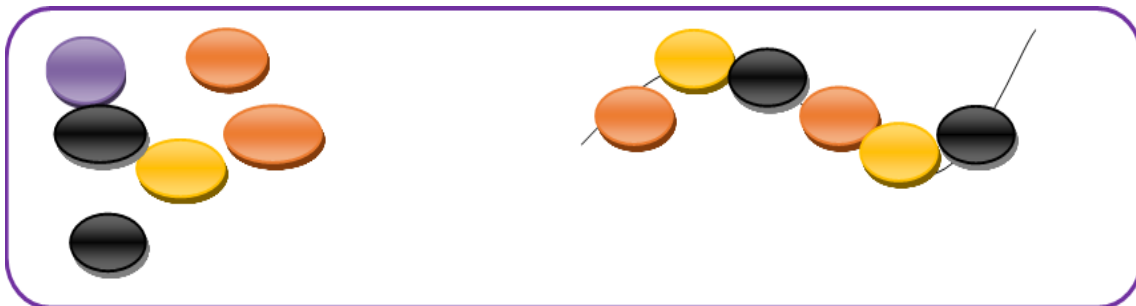
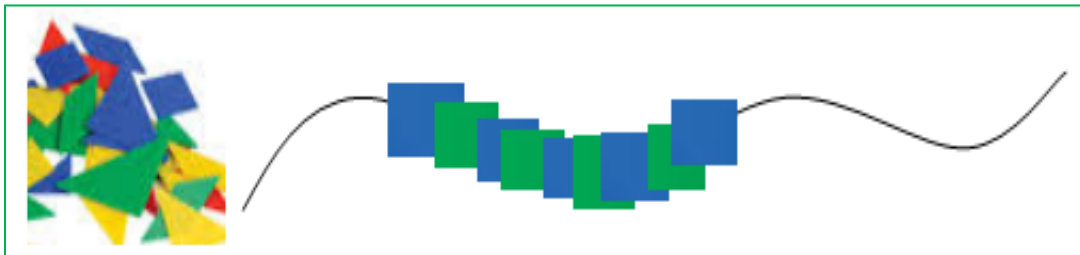
1.  

2.  

3.  


4.  

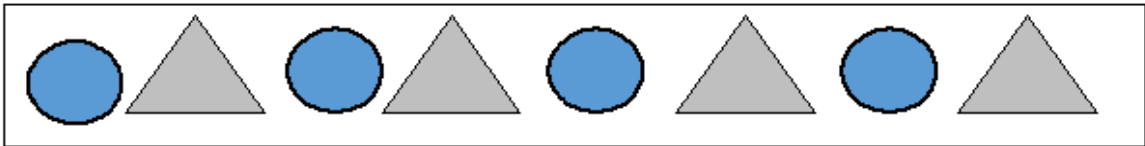
**Hojii Garee:** Wantoota naannoo keessanitti argaman gargaaramuun paatarnii ijaaraa.



**Gilgaala 7**

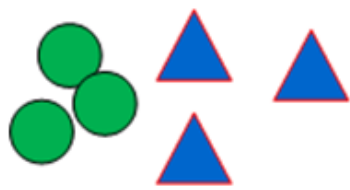
Kaartonoota halluu adda addaa qaban yookiin halluu garaagaraa dibuun bifa rogsadee, rog arfeefi geengoo xixiqqootti addaan kukkutuun paatarnii ijaari.

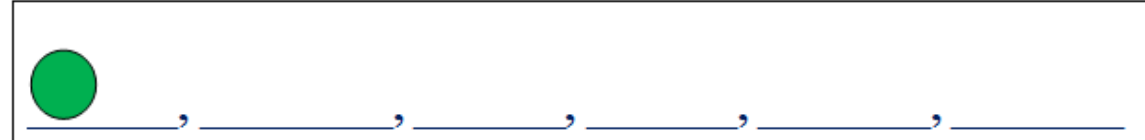
1. 

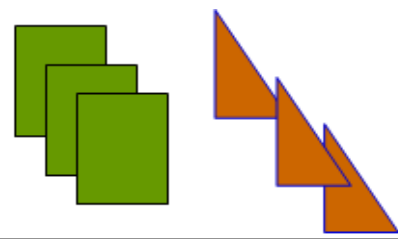


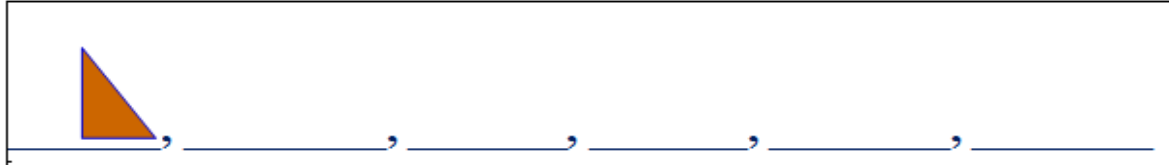
2. 



3. 

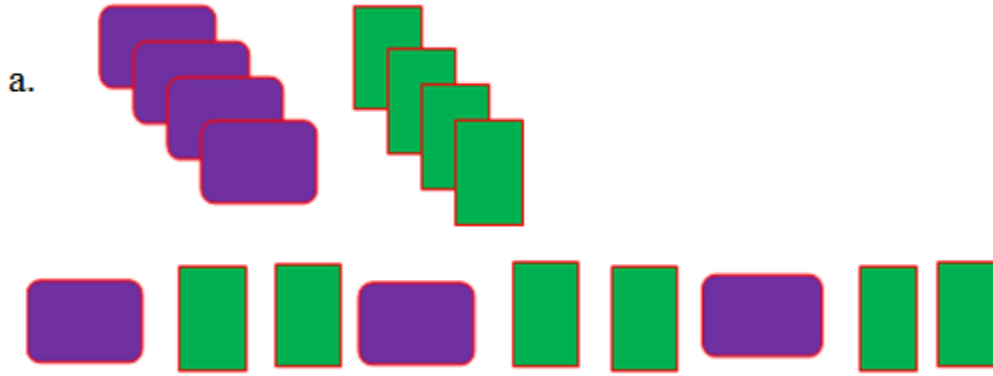


4. 



**Gilgaala 8**

Kaardii halluu yookiin kilaaseerii (doosee) bifa adda addaa qaban lamaa ol boca adda addaatti mummuruun paatarnii ijaari.



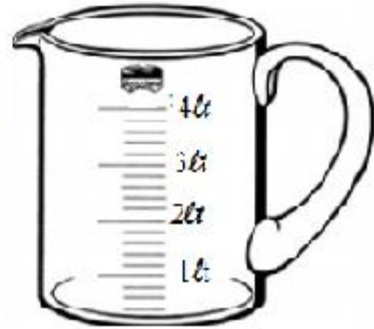
b. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

c. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

d. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

# BOQONNAA

# 9



## SAFARA DHEERINA, HANGAAFI QABEE

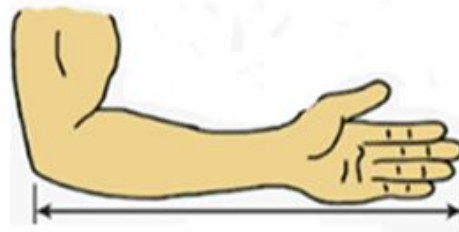
### 9.1 Dheerina Safara Aadaatiin

#### Gocha 1

Tarkaanfiifi dhundhuma gargaaramuun safaruun shaakali.

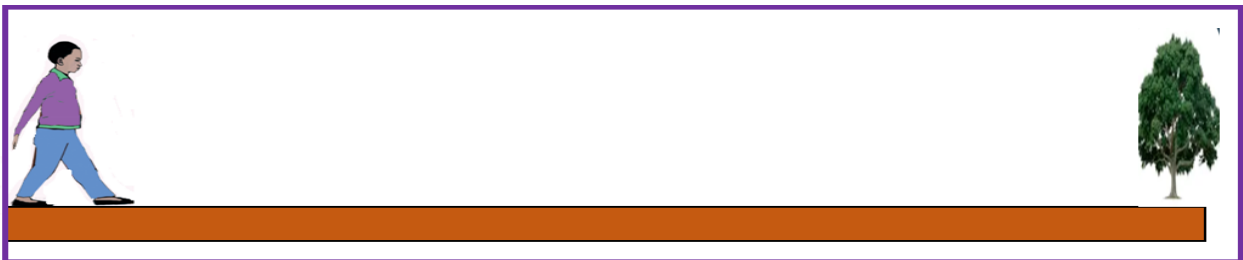
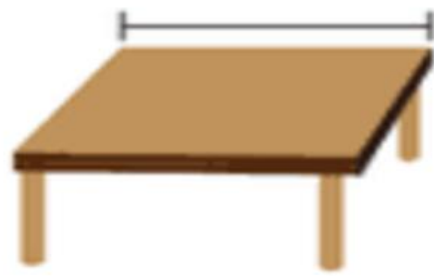


Tarkaanfii 1



Dhundhuma 1





**Gilgaala 1**

Wantoota naannoo keenyatti argaman taakkuufi faanaan safaruu shaakali.

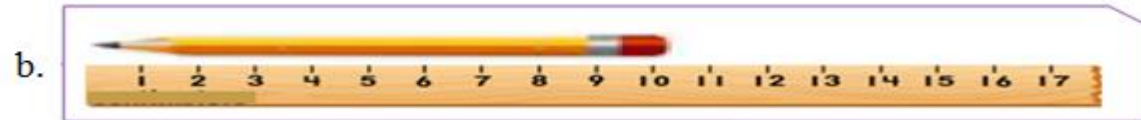


**Gilgaala 2**

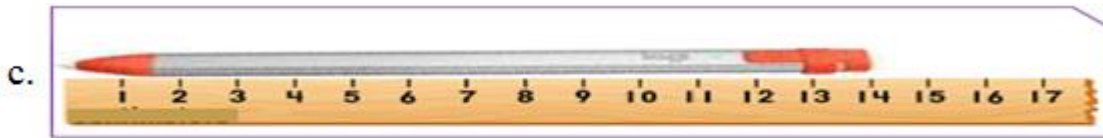
Dheerina qubeessaawwan kennamanii dubbisuun barreessi.



5cm



\_\_\_\_\_ cm



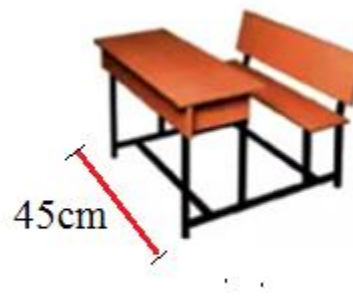
\_\_\_\_\_ cm



\_\_\_\_\_ cm

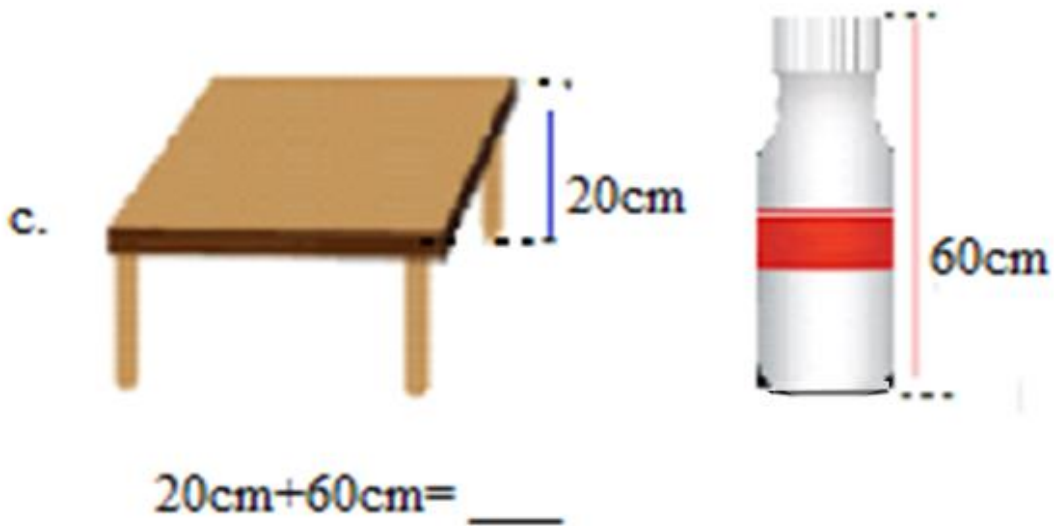
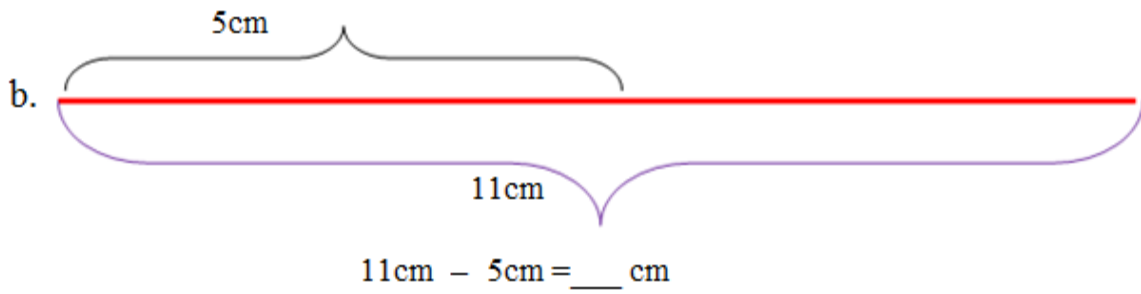
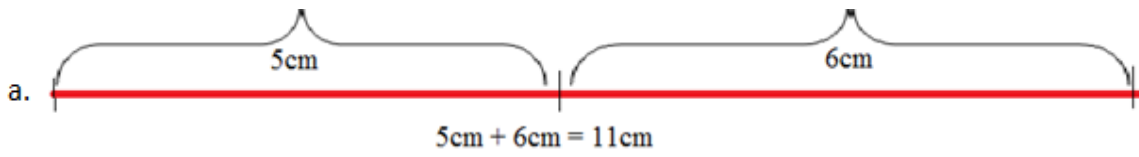
**Gilgaala 3**

Fakkeenya kenname hordofuun ida'i.



$$55 \text{ cm} + 45 \text{ cm} = 100 \text{ cm}$$

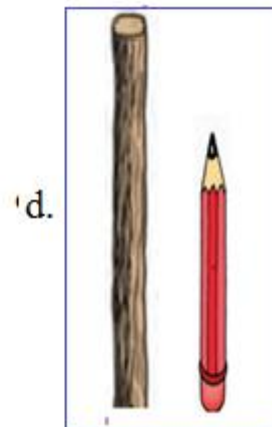




## 9.2 Safara Dheerina Walmadaalchisuu

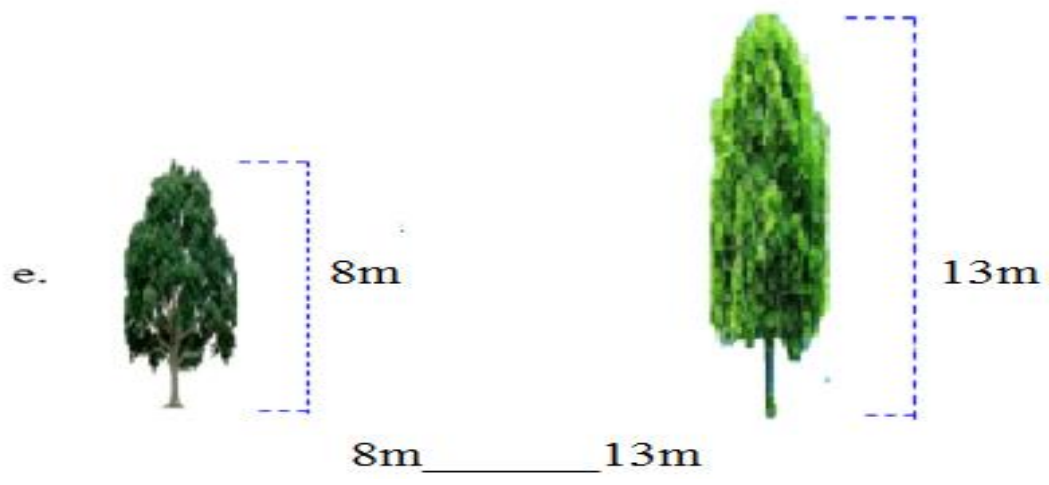
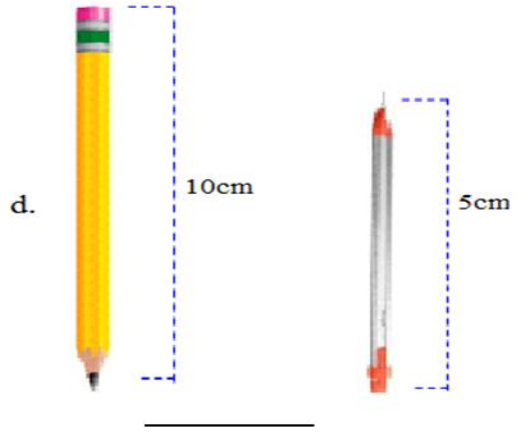
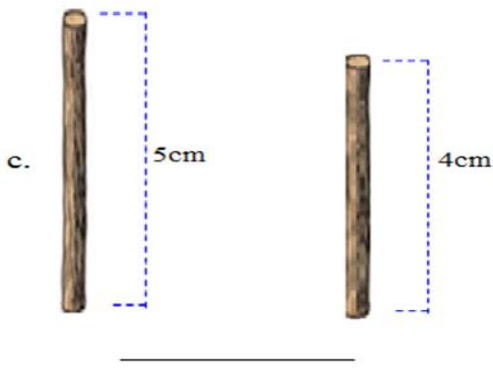
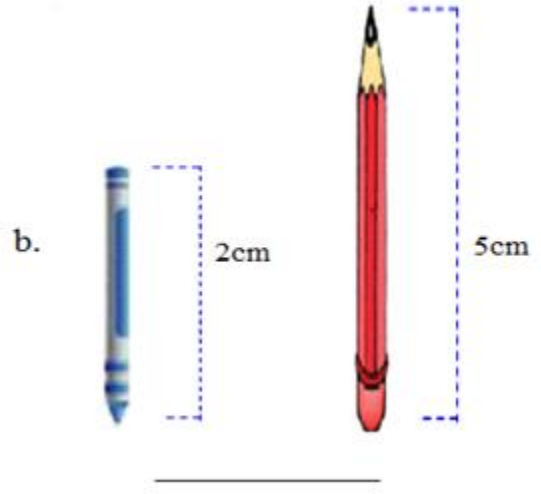
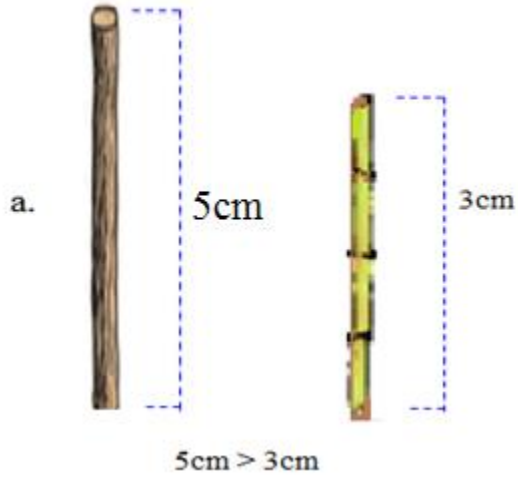
### Gocha 2

Fakkiiwwan ilaaluun gabaabaafi dheeraa jechuun addaan baasi.



**Gilgaala 4**

Safara dheerina kennamanii walmadaalchisi.



## 9.3 Hanga Safara Aadaatiin

### Gocha 3

Hanga wantoota naannoo keenyatti argamanii qunnaa, joogiifi xaasaatiin safaruu shaakali.



**Gabaa**



**Suuqii**



**Buna**



**Irdii**



**Daakuu Xaafii**



**Daakuu Qamadii**



**Barbaree**



**Buna Janfalii**



Abishii



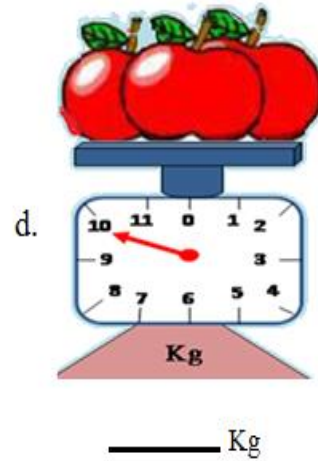
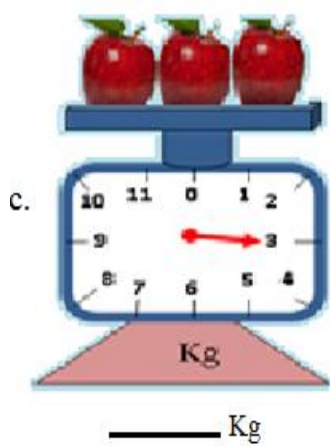
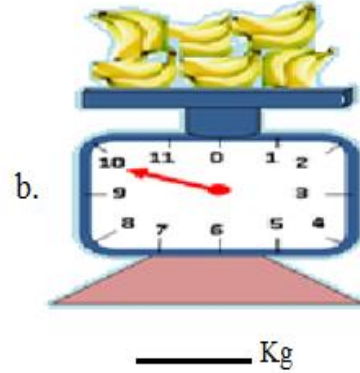
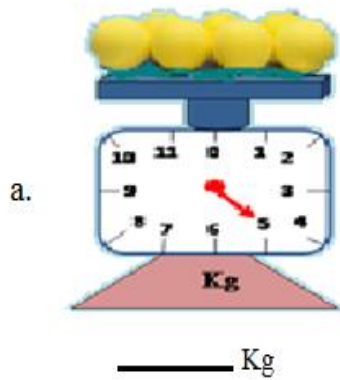
Akaayii Garbuu

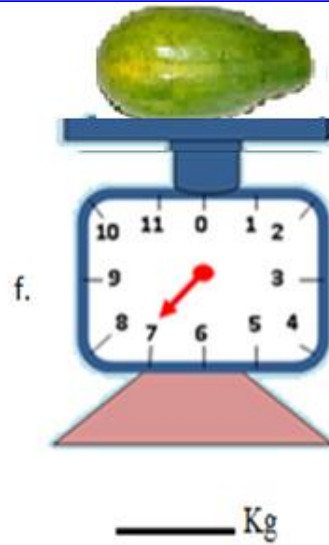
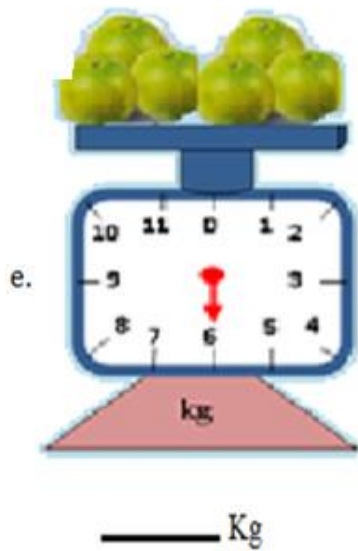


Garbuu

**Gilgaala 5**

Hanga wantoota argaman gaditti argamanii madaala hangaa irraa dubbisuun bakka duwwaatti barreessi.

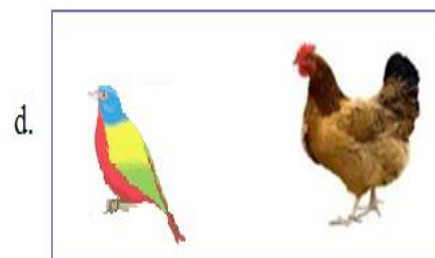
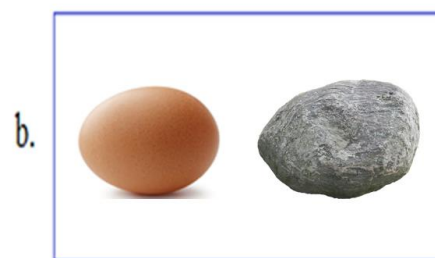
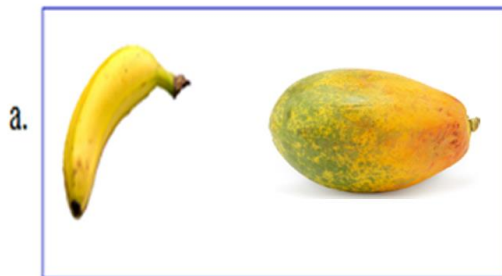




## 9.4 Safara Hanga Walmadaalchisuu

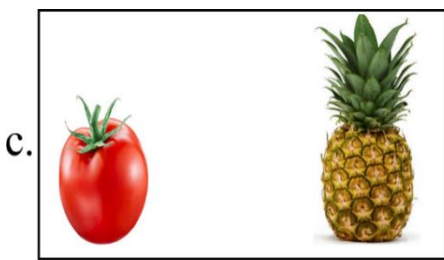
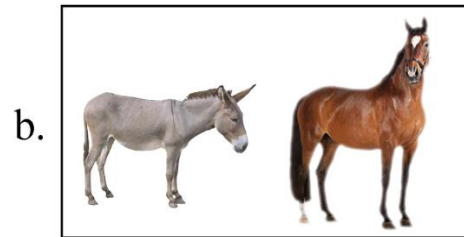
### Gocha 4

Kanneen waliin kennaman lamaan keessaa hangaan walmadaalchisuun kamtu akka caalu tilmaami.



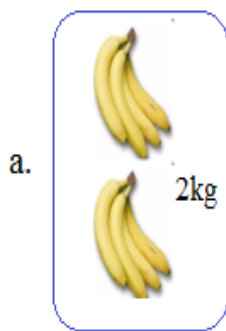
**Gocha 5**

Kanneen waliin kennaman lamaan keessaa hangaan walmadaalchisuun kamtu akka irra xiqqaatu tilmaami.



**Gilgaala 6**

Fakkeenya kenname ilaaluun bakka duwwaa guuti.



$2\text{kg} < 3\text{kg}$



$75\text{kg} > 25\text{kg}$

c.  $3\text{g} \underline{\hspace{1cm}} 4\text{g}$

d.  $92\text{kg} \underline{\hspace{1cm}} 50\text{kg}$

e.  $22\text{kg} \underline{\hspace{1cm}} 45\text{kg}$

f.  $62\text{g} \underline{\hspace{1cm}} 40\text{g}$

g.  $23\text{g} \underline{\hspace{1cm}} 40\text{g}$

h.  $24\text{kg} \underline{\hspace{1cm}} 24\text{kg}$

**Gilgaala 7**

Xiqqaa irra eegaluun gara guddaatti tartiibessi.

a. 3kg , 5kg , 2kg

$$2\text{kg} < 3\text{kg} < 5\text{kg}$$

b. 7kg , 3kg , 10kg

$$\underline{\hspace{1cm}} < \underline{\hspace{1cm}} < \underline{\hspace{1cm}}$$

c. 3kg , 5kg , 2kg

$$\underline{\hspace{1cm}} < \underline{\hspace{1cm}} < \underline{\hspace{1cm}}$$

d. 30g , 20g , 50g

$$\underline{\hspace{1cm}} < \underline{\hspace{1cm}} < \underline{\hspace{1cm}}$$

**9.5 Qabee Safara Aadaatiin****Gocha 6**

Fakkii kenname ilaaluun guutuu, hir'uu fi duwwaa jechuun ibsi.







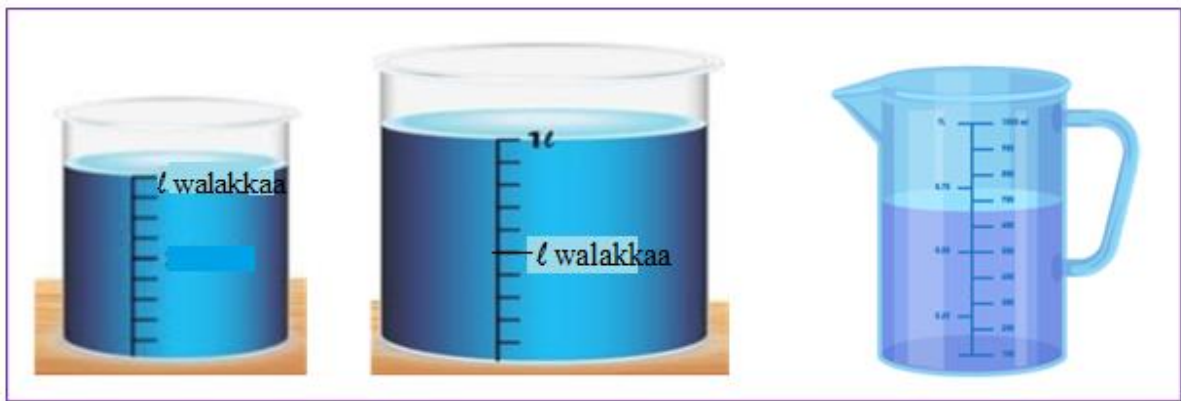
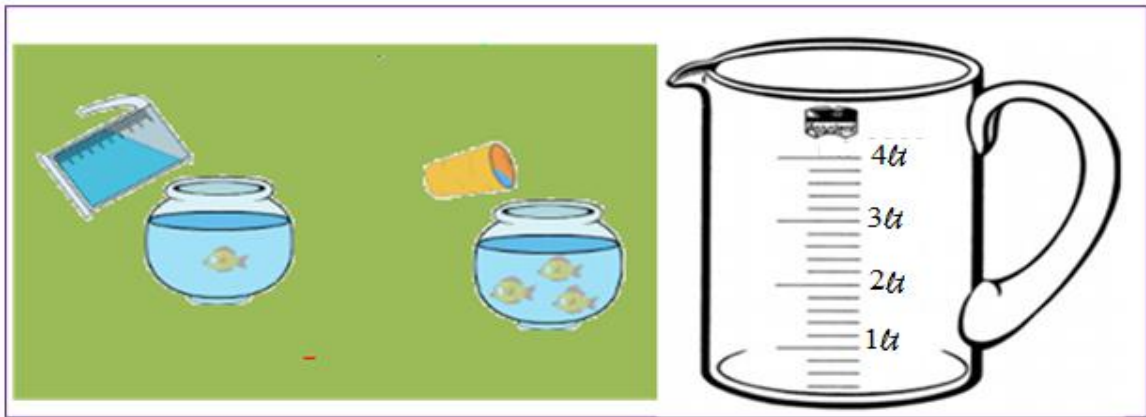
### Gocha 7

Qabee dhangalaa'oo naannoo keenyatti argaman kubbaayyaa, joogii, baaldiifi xaasaatiin safaruu shaakali.



**Gilgaala 8**

Qabee dhangalaa'oo naannoo keenyatti argamanii liitiriin safaruu shaakali.



**Gilgaala 9**

Fakkeenya kenname hordofuun hojjedhu.



$4\ell + 3\ell = 7\ell$



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

c.



$$6\ell + 5\ell = \underline{\hspace{2cm}}\ell$$

d.



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

e.



$$10\text{m}\ell - 6\text{m}\ell = \underline{\hspace{2cm}}\text{m}\ell$$

f.



$$15\ell - 2\ell = \underline{\hspace{2cm}}\ell$$

## 9.6 Safara Qabee Walmadaalchisuu

### Gocha 8

Meeshaalee walcinaa jiran keessaa kamtu dhangala'oo irra caalaa akka qabatu himi.

a.



b.





**Gilgaala 10**

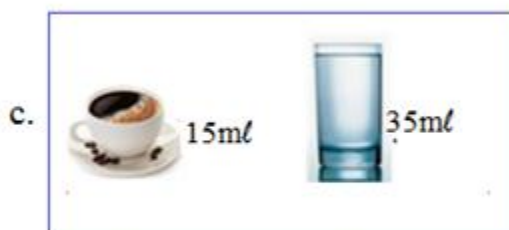
Fakkeenya kenname ilaaluun bakka duwaa guuti.



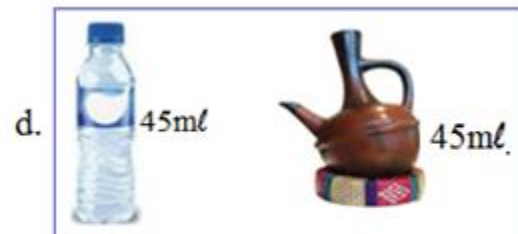
$$1l < 7l$$



$$10ml \text{ \_\_\_\_ } 20ml$$



$$15ml \text{ \_\_\_\_ } 35ml$$



$$45ml \text{ \_\_\_\_ } 45ml$$



16ℓ \_\_\_\_\_ 13ℓ

**BOQONNAA**

**10**



**MAALLAQA ITOOPHIYAA**

**10.1 Dinaarotaafi Noottiiwwan Itoophiyaa**

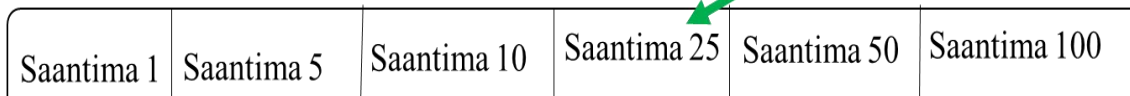
**Gocha 1**

Fakkii kenname ilaaluun maqaa dinaarota Itoophiyaa adda baasi.



**Gilgaala 1**

Haala fakkeenya kennameen walitti firoomsii.



## Gocha 2

Noottiiwwan qarshii Itoophiyaa beektan irratti mari'adhaa.

### Noottiiwwan Itoophiyaa



Abbaa Qarshii 5



Abbaa Qarshii 10



Abbaa Qarshii 50

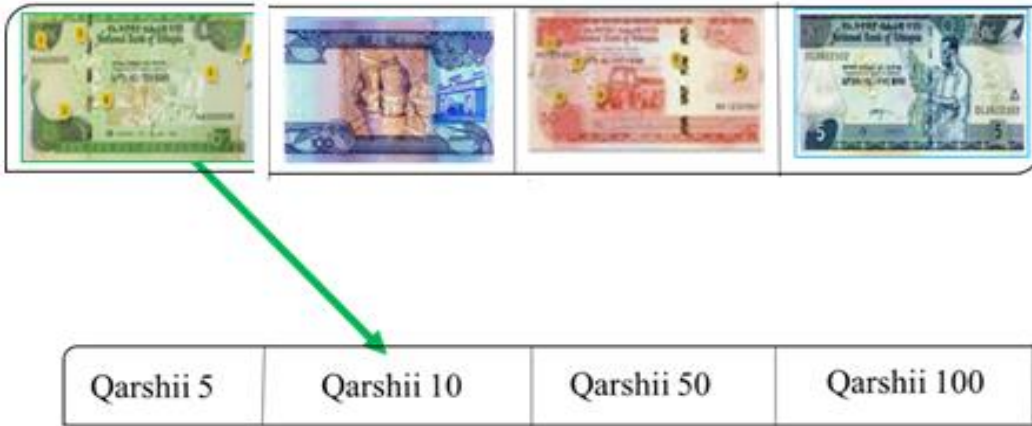


Abbaa Qarshii 100



**Gilgala 2**

Haala fakkeenya kennameen walitti firoomsii.



**Gocha 3**

Dinaarota lakkaa'uun walitti saantima meeqa akka ta'an barreessi.

a.	 Saantima 25	 Saantima 10	 Saantima 5	Saantima 40
b.	 Saantima 25	 Saantima 50	 Saantima 5	_____
c.	 Saantima 10	 Saantima 50	 Saantima 5	_____



d.

			_____
Saantima 25	Saantima 50	Saantima 25	




**Gilgaala 3**

Noottiiwwan lakkaa'uun qarshii meeqa akka ta'an barreessi.

a.

				Qarshii 20
Qarshii 5	Qarshii 5	Qarshii 5	Qarshii 5	

b.

				Qarshii ____ ta'a.
Qarshii 10	Qarshii 10	Qarshii 10	Qarshii 10	

c.

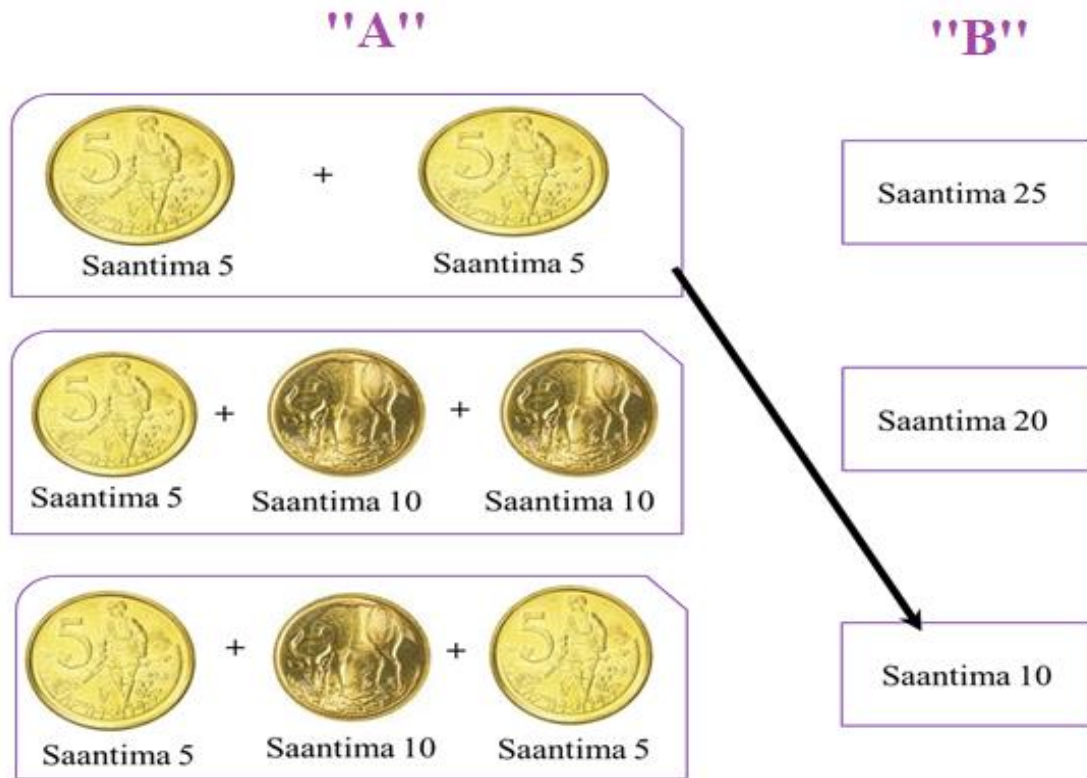
				Qarshii ____ ta'a.
Qarshii 10	Qarshii 50	Qarshii 5	Qarshii 5	

## 10.2 Hariiroo Dinaarotaafi Noottiiwwan Jidduu

### Jiru

#### Gocha 4

Kanneen armaan gadii walitti firoomsi.



#### Habachiisa

- ☞ Qarshiin 1 = Saantima 100
- ☞ Qarshiin 1 = Dinaara abbaa saantima shanii 20
- ☞ Qarshiin 1 = Dinaara abbaa Saantima kudhanii 10
- ☞ Qarshiin 1 = Dinaara abbaa saantima digdamii shanii 4
- ☞ Qarshiin 1 = Dinaara abbaa saantima shantamaa 2

**Gilgaala 4**

Saantimoota ida'i.

- a.  +  = Saantima 30
- b.  +  = Saantima \_\_\_\_
- c.  +  = Saantima \_\_\_\_
- d.  +  = Saantima \_\_\_\_
- e.  +  = Saantima \_\_\_\_
- f.  +  = Saantima \_\_\_\_

**Gocha 5**

Kanneen armaan gadii walitti firoomsi.



		<b>Qarshii 65</b>
		
		



**Qarshii 60**



**Qarshii 20**



**Gilgala 5**



Noottiwwan qarshii ida'i.

1.  +  = **Qarshii 15**

2.  +  = \_\_\_\_\_

3.  +  = \_\_\_\_\_

4.  +  = \_\_\_\_\_

5.  +  = \_\_\_\_\_

# 10.3 Pirobileemota Jechaa Furuu

## Gocha 6

Gatii waantota walcinaa jiran lamaanii ida'uun bakka duwwaatti barreessi.

a.

 <p>Qarshii 10</p>	 <p>Qarshii 15</p>	<p>Qarshii 25</p>
---	--	-------------------

b.

 <p>Qarshii 40</p>	 <p>Qarshii 60</p>	<p>_____</p>
--	---	--------------

c.

 <p>Qarshii 20</p>	 <p>Qarshii 50</p>	<p>_____</p>
---	--	--------------

d.

 <p>Qarshii 20</p>	 <p>Qarshii 50</p>	<p>_____</p>
---	--	--------------

e.



Qarshii 10



Qarshii 33

\_\_\_\_\_

**Gilgaala 6**

Pirobileemota jechaa armaan gadii furi.

1. Boontuun noottiiwwan qarshii abbaa shanii lamaafi noottii qarshii abbaa kudhanii tokko qabdi. Walumaagalatti qarshii meeqa qabdi?



Qarshii 20 qabdi

2. Laliseen noottiiwwan qarshii abbaa shantamaa tokkoofi noottii qarshii abbaa kudhanii lama qabdi. Walumaagalatti qarshii meeqa qabdi?



Qarshii \_\_\_\_\_ qabdi.

3. Toltuun qarshii 100 qabdu keessaa qarshii 30'n muuzii yoo bitte qarshii meeqatu hafaaf?



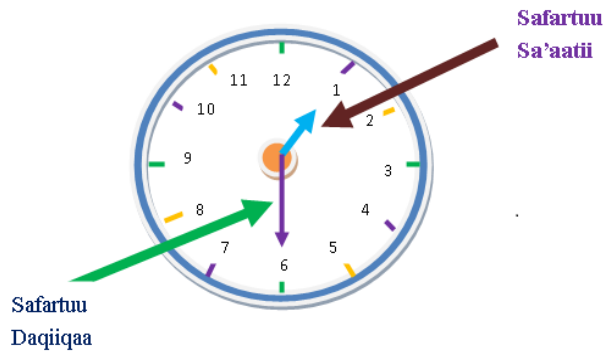
$$\text{Qarshii } 100 - \text{Qarshii } 30 = \underline{\quad}$$

4. Fufaan qarshii 10'n loomiifi qarshii 40 immoo burtukaana bite. Walumatti qarshii meeqan bite?



# BOQONNAA

# 11



## SAFARA YEROO KAN ITOOPHIYAA

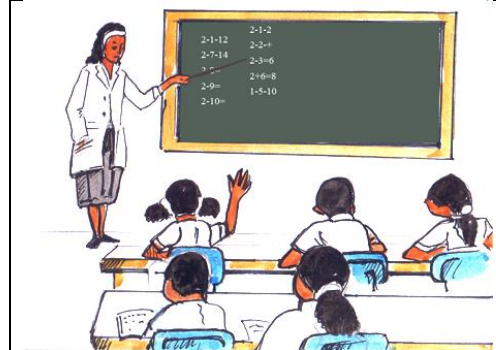
### 11.1 Qoqqoodama Guyyaa Tokkoo

**Gocha 1:** Fakkii armaan gadii erga sirriitti ilaaltanii booda yeroo

gochichi itti raawwatu walitti hima.



Fuula keessan yoom dhiqattu? **Ganama**



Barnoota yoom barattu? \_\_\_\_\_



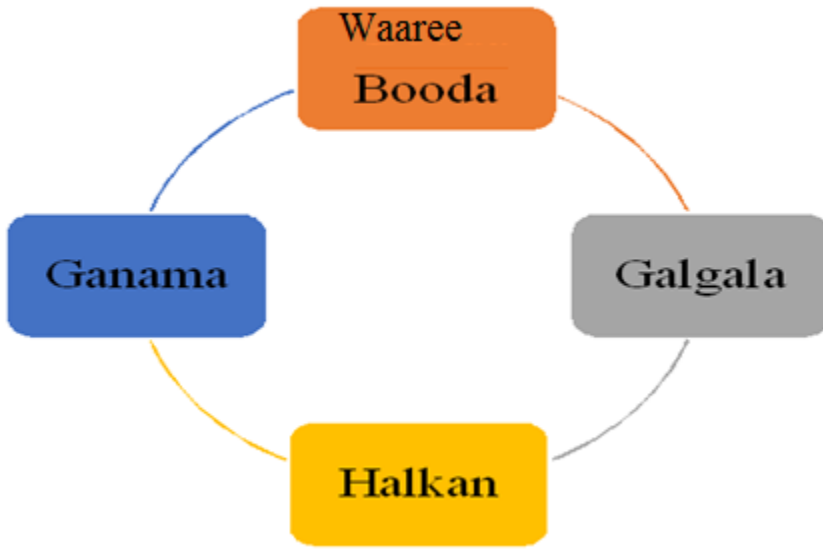
Maatiin irbaata booda kan waliin taphatan yoomi?  
\_\_\_\_\_



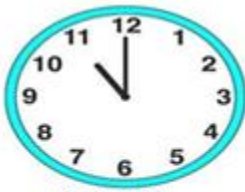
Namoonni kan rafan yoomi?  
\_\_\_\_\_



**Fakkeenya:** Qoqqoodama guyyaa tokkoo kan Itoophiyaa tarreessi.



**Gilgaala 1** Sa'aatii armaan gadii himi.



Sa'aatii  
11:00



Sa'aatii  
3:00



Sa'aatii  
5:00



Sa'aatii \_\_\_\_\_



Sa'aatii \_\_\_\_\_



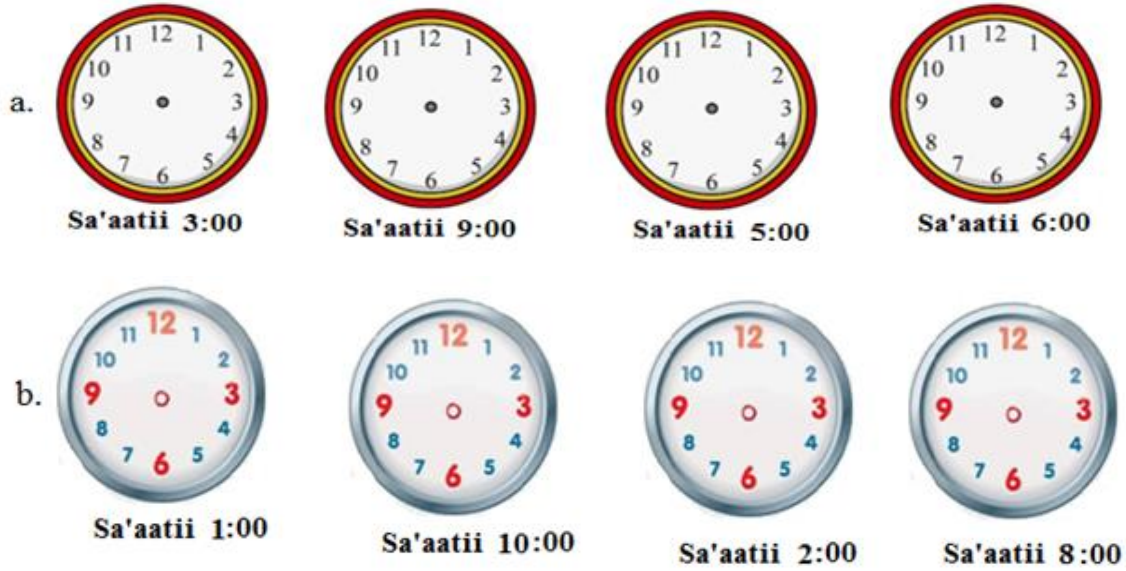
Sa'aatii \_\_\_\_\_



Sa'aatii \_\_\_\_\_

**Gilgaala 2**

Fakkii sa'aatii kaasuun yeroo irratti agarsiisi.

**Gilgaala 3**

Qoqqoodama guyyaa tokkoo gargaaramuun bakka  
duwwaa deebii sirrii ta'een guuti.

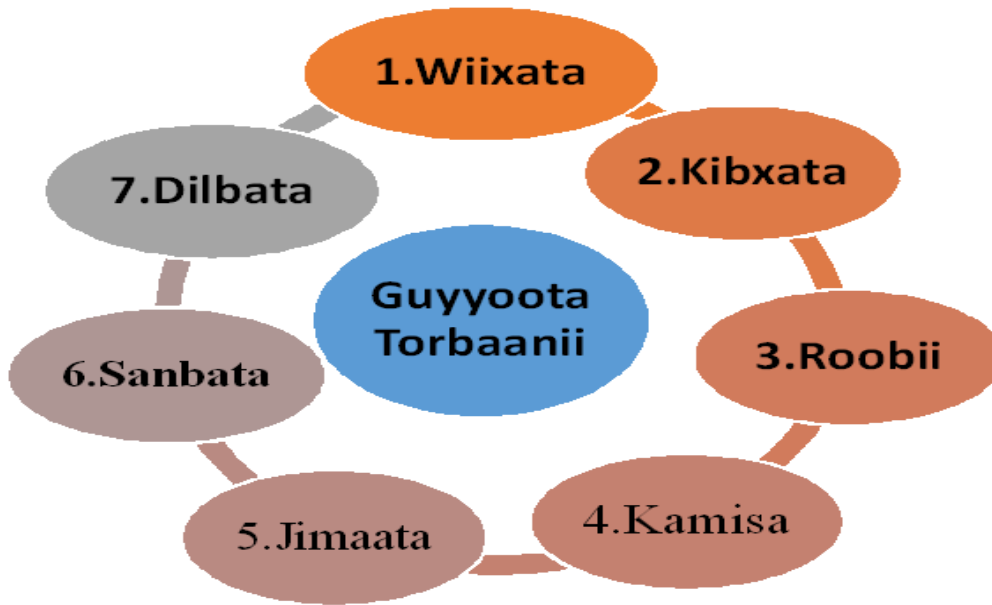
- Ganamattii aanee kan dhufu \_\_\_\_\_ dha.
- Galgalatti aanee kan dhufu \_\_\_\_\_ dha.
- Galgala dursee kan dhufu \_\_\_\_\_ dha.
- Waaree booda dursee kan dhufu \_\_\_\_\_ dha.

## 11.2 Guyyoota Torbaanii

### Gocha 2

Dabaree dabareen daree keessatti faaruudhaan guyyoota torbaanii walitti himaa.

**Fakkeenyaaf:** Guyyoota torbaanii kanneen armaan gadiiti.



**Gilgaala 4** Qoqqoodama torbaan tokkoo gargaaramuun bakka duwwaa guuti.

- Guyyaan Wixatatti aanee dhufu \_\_\_\_\_ dha.
- Guyyaan Dilbatatti aanee dhufu \_\_\_\_\_ dha.
- Guyyaan Jimaata dursee kan dhufu \_\_\_\_\_ dha.
- Guyyaan Kamisa dursee dhufu \_\_\_\_\_ dha.
- Guyyaan har'aa Dilbata yoo ta'e iftaan \_\_\_\_\_ dha.

## 11.3 Pirobileemota Jechaa Safara Yeroo Furuu

### Gocha 3

Guyyaa Dilbataa ganamaa hanga galgalaatti maal hojjetta?

**Fakkeenya:** Ta' iileen armaan gadii fakkiidhaan dhiyaate ta' ii guyyaa wixataa ta'e dha. Ta' iilee kana keessaa kamtu hunda dursa? kamtu itti aana? duraa duubaan tarreessi.



A. Bakkasheen ganama sa'aatii 2 irratti mana barumsaa deemte.



B. Aduun baate.



C. Toltuun ganama sa'aatii 1 irratti ciree ishee nyaatte.



D. Boonsaan waaree booda sa'aatii 7 irraatti mana barumsaa deeme.

**Furmaata:** Tartii baan ta'iiwwan kana jalqabaa gara dhumaatti yemmuu barreessinu akka armaan gadii ta'a.



1<sup>ffaa</sup> Aduun ni baati.



2<sup>ffaa</sup> Toltuun ganama sa'aatii 1 irratti ciree ishee nyaatte.



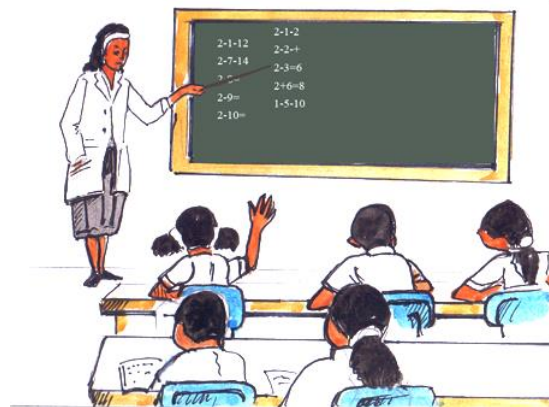
3<sup>ffaa</sup> Bakkasheen ganama sa'aatii 2 irratti mana barumsaa deemte.



4<sup>ffaa</sup> Boonsaan waaree booda sa'aatii 7 irraatti mana barumsaa deeme.

## Gilgaala 5

1. Barsiistuu Gaaddiseen barattoota ishee sa'aatii 8 hamma sa'aatii 10tti qo'achiifte. Sa'aatii meeqa itti fudhate?



2. Barattuu Kuulaniin wixataa hamma jimaataatti barnoota barachuuf mana barumsaa deemti. Torbaanitti guyyoota meeqa mana barumsaa deemti?
3. Obbo Caalaan ganama sa'aatii 3f, waaree booda immoo sa'aatii 2f maasaa isaanii tiraaktaraan qotan. Walumatti sa'aatii meeqaaf qotan?

