



# BARNOOTA HERREGAA

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Kutaa 1

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Kutaa 1

A circular collage of farm animals including cows, cats, dogs, chickens, and horses, surrounded by colorful starburst numbers from 0 to 100.



Ripaabilikii Federaalawaa Dimookiraatawaa Itoophiyaatti  
Ministeera Barnootaa

MOE

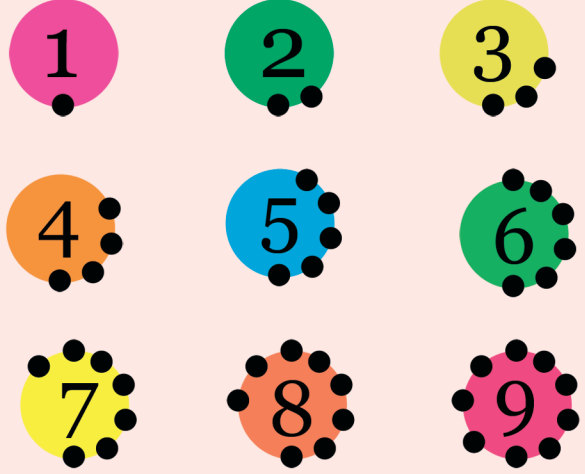


Ripaabilikii Federaalawaa Dimookiraatawaa Itoophiyaatti  
Ministeera Barnootaa

Gatiin QrIT 19.05

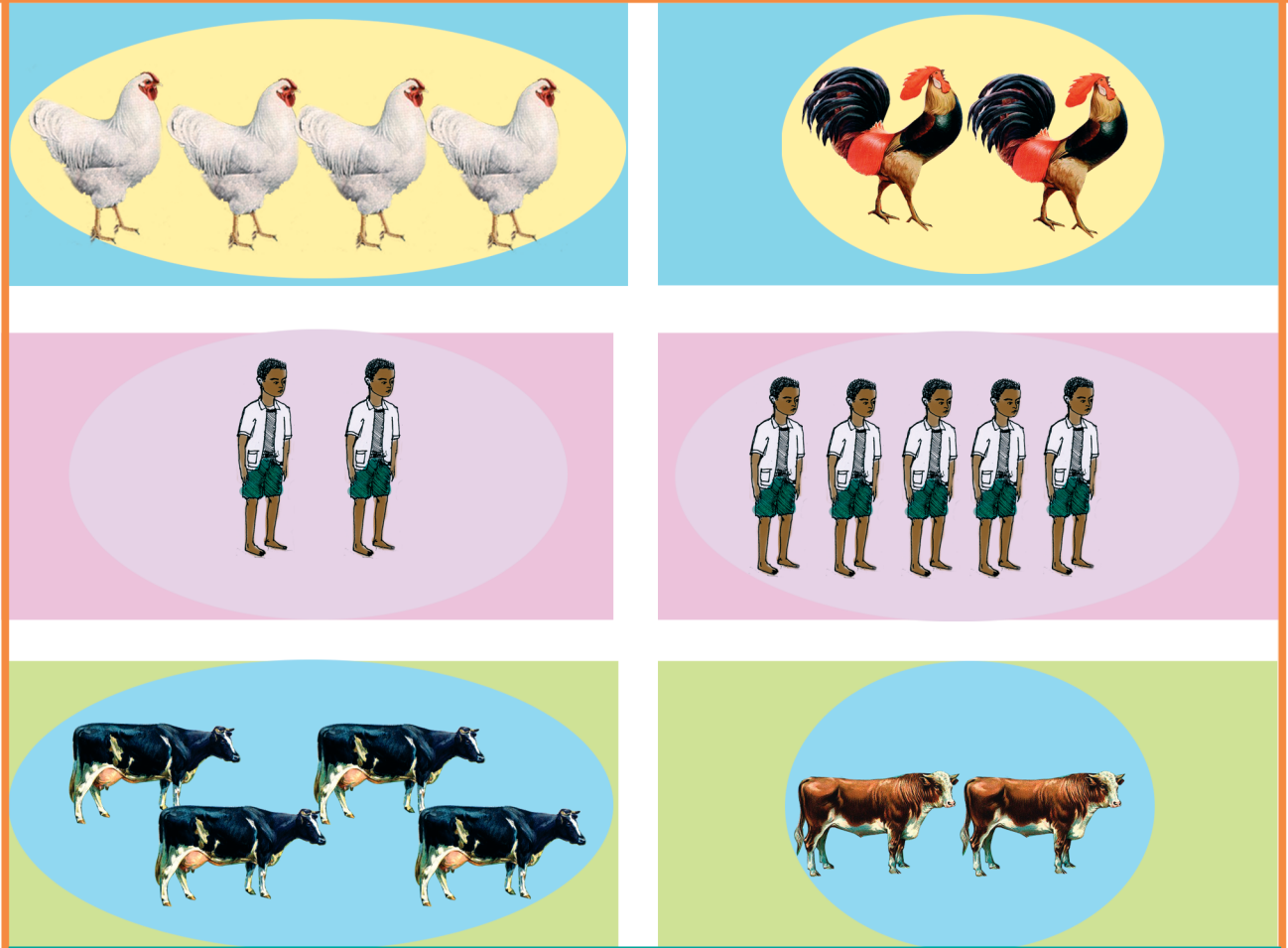
# Boqonnaa 1

LAKKOOF SOTA LAKKAAWWII  
HAMMA 9TTI



## 1.1 Lakkoofsota lakkaawwii 1 – 5<sup>tti</sup>fi tartiiba isaanii

Gocha -1

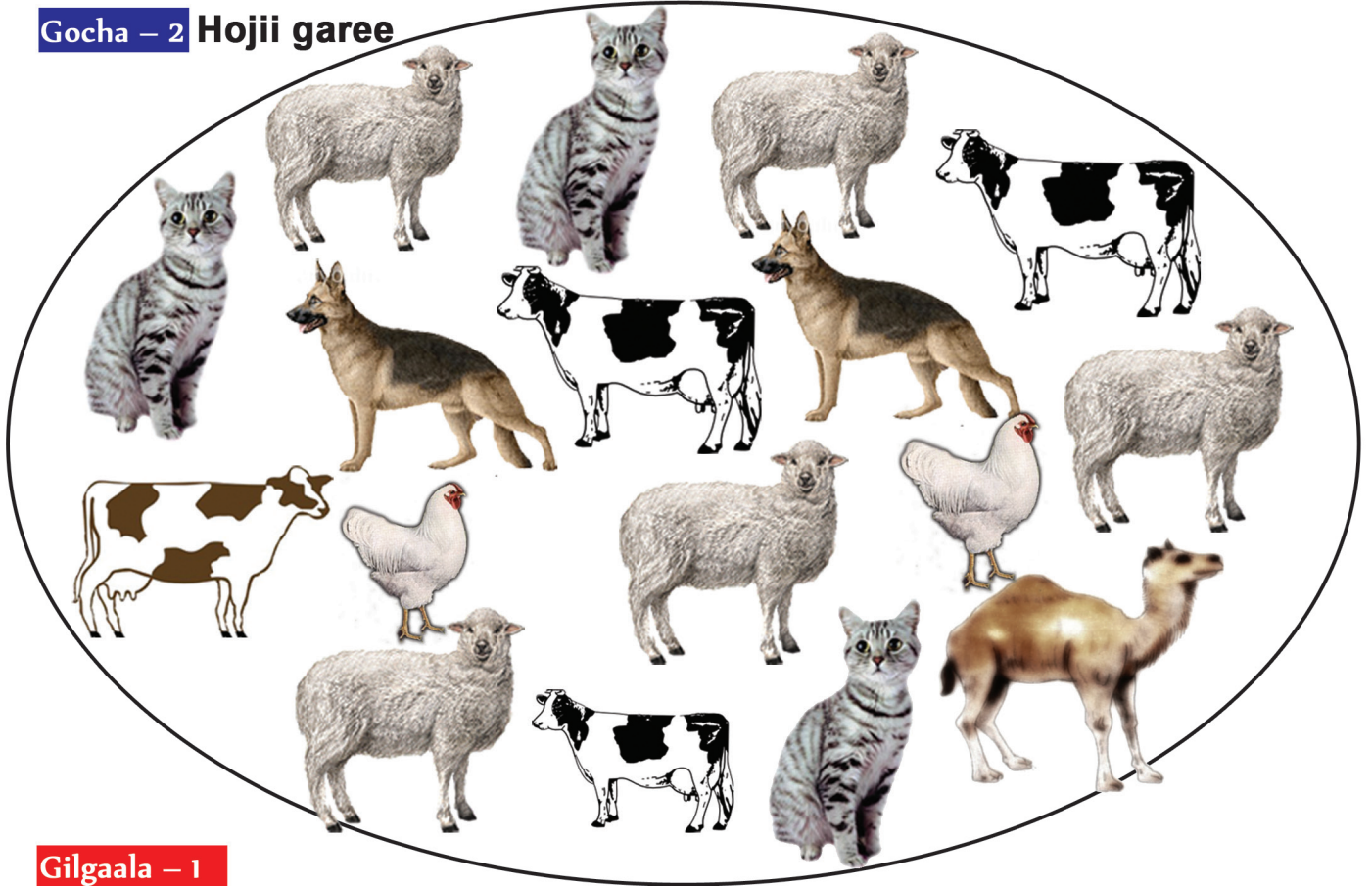


Gocha -1 - Fakkiiwwan wal cinaa jiran baayyee yokiin, muraasa jechuun addaan baasuu.

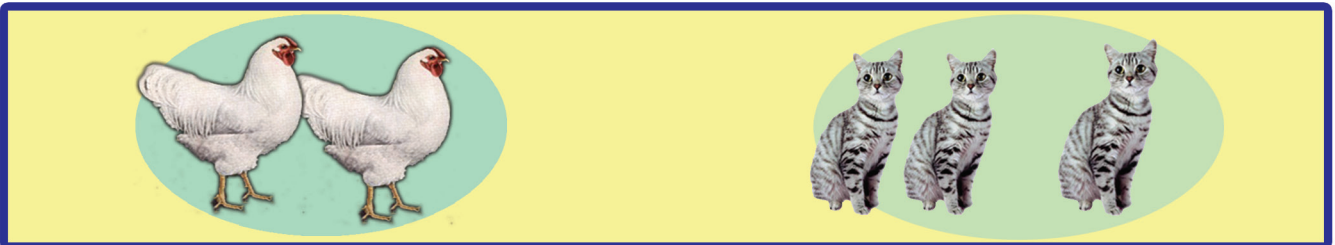
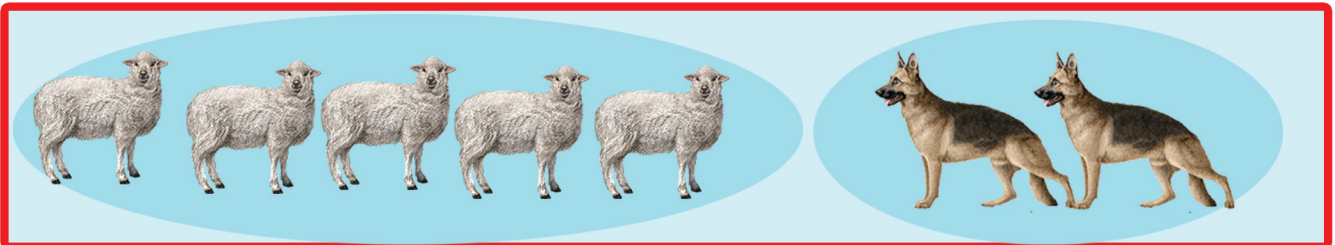
- Fakkiiwwan wal cinaa jiran irra gudda yokiin irra xiqqaa jechuun waliin madaaluu.



**Gocha – 2 Hojii garee**



**Gilgaala – 1**



**Gocha – 2** Barattooni, gareedhaan ta'uun beeladoota addaan baasani lakkaa'uun, kun lakkoofsaan hedduu dhai kun ammoo xiqqaadha jechuun, jechoota hedduu fi xiqqaa jechuu shaakaluu.

**Gilgaala -1** Fakkii gabate wal cinaa irraa lakkaa'uun baay'ina isaani waliin madaaluu. Fkn:- Baay'ina hoolotaa fi sarootaa irra xiqqaa ykn irra guddaa jedhanii waliin madaaluu.



Gocha – 3



1



2



3



4



5

Gocha – 4



1



2



3



4



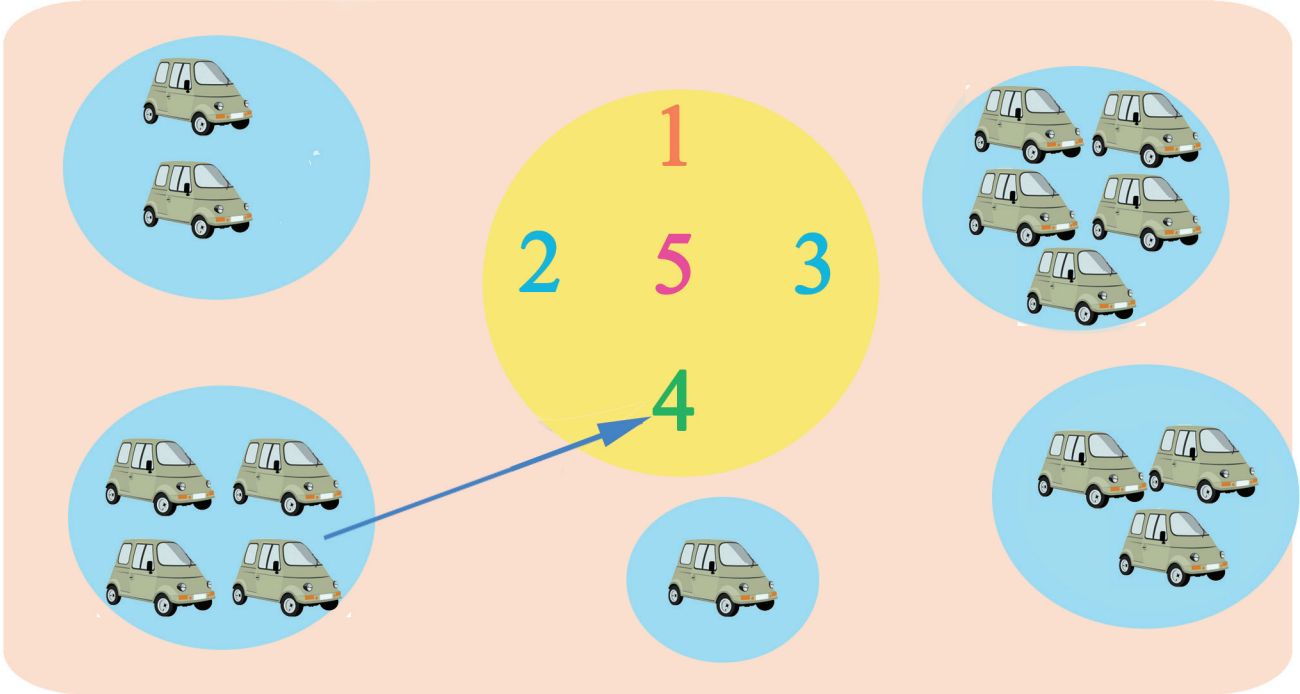
5

- Gocha – 3** - Lakkoofsota 1 – 5tti jiran sagalee ol kaasuudhaan lakkaa’uu.  
- Fakkiiwwan lakkoofsota cinaa jiran lakkaa’uun bifa lakkoofsotaa hubatu.  
- Lukku lama lakkaa’uun lakkoofsa 2 erga hubatanii booda, quba harkaatiin qilleensa Irratti lakkoofsicha barreessu. Lakkoofsota 1 – 5tti jiran mara haaluma kanaan hojjechuu.

**Gocha – 4** Haaluuma fakkii irra jiruum quba harkaa lakkaa’uu fi barreeffama lakkoofsaa hubachuu.



**Gilgaala - 2**



**Gohca - 5** Hojii garee

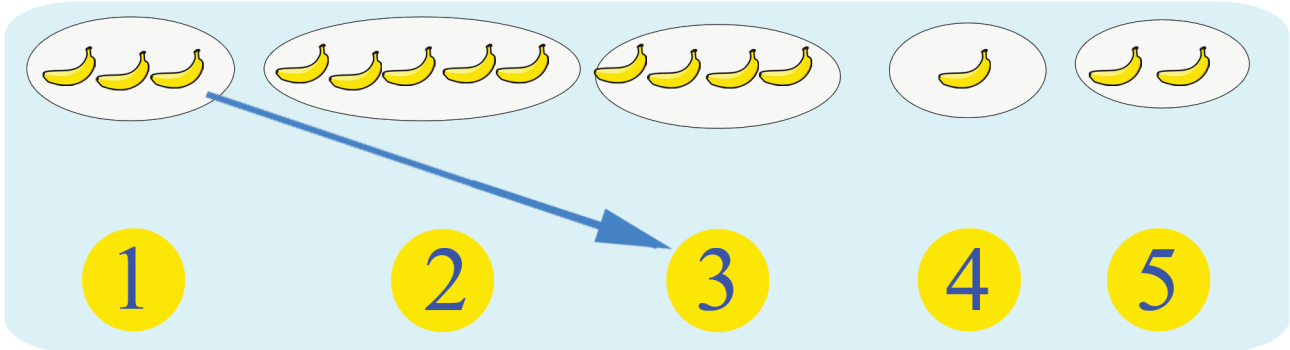
	1	2	3	4	5

**Gilgaala-2** Fakkiwwan geengoo keessaa lakkaa'uun lakkoofsota 1 – 5tti kennaman wajjin walitti firoomsuu.

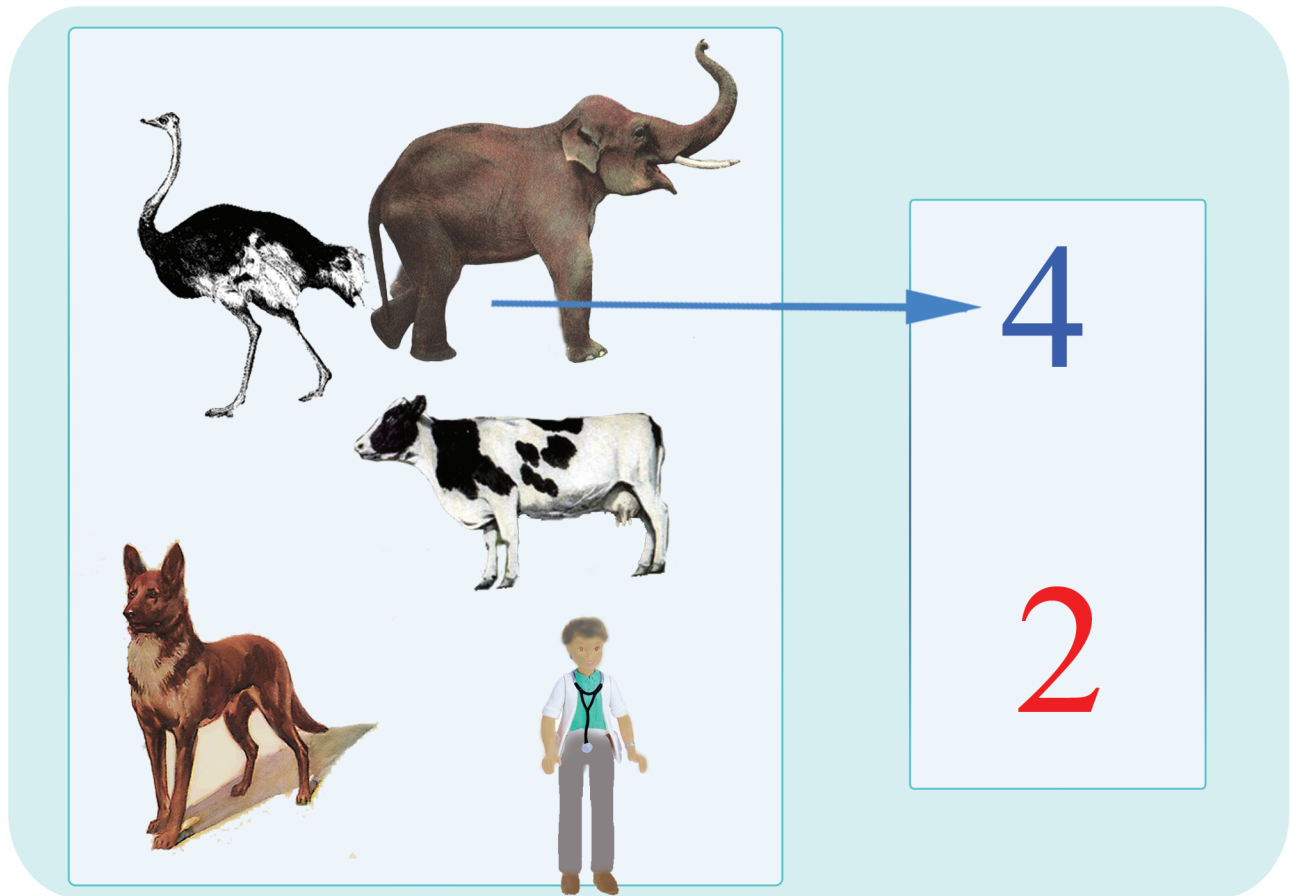
- Gohca - 5**
- Saddeeqota gabatee Irraa bakka adda addaatti 1, 2, 3, 4 fi 5 gohcuun ramaduu.
  - Qorkii gabatee Irraa bakka adda addaatti 1, 2, 3, 4 fi 5 ramaduu.
  - Lakkoofsotaa fi baay'ina fakkiwwanii wal biratti ilaaluun hubachuu.



**Gilgala - 3**



**Gilgala - 4**



**Gilgala - 3** Baay'ina muuzotaa lakkoofsota 1 – 5tti barreeffamaniin firoomsuu

**Gilgala - 4** Fskkiwwan miila afurii lakkoofsa 4 wajjiinii fi fakkwwan miila lakkoofsa 2 wajjiin walitti firoomsuu.








**Gilgaala - 5**

/	/	/	/	/	/	/	/	/	/
(	(	(	(	(	(	(	(	(	(
)	)	)	)	)	)	)	)	)	)

**Gilgaala - 6**

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

**Gilgaala -7**

	1	1	1	_____	_____
	2	_____	_____	_____	_____
	3	_____	_____	_____	_____
	4	_____	_____	_____	_____
	5	_____	_____	_____	_____

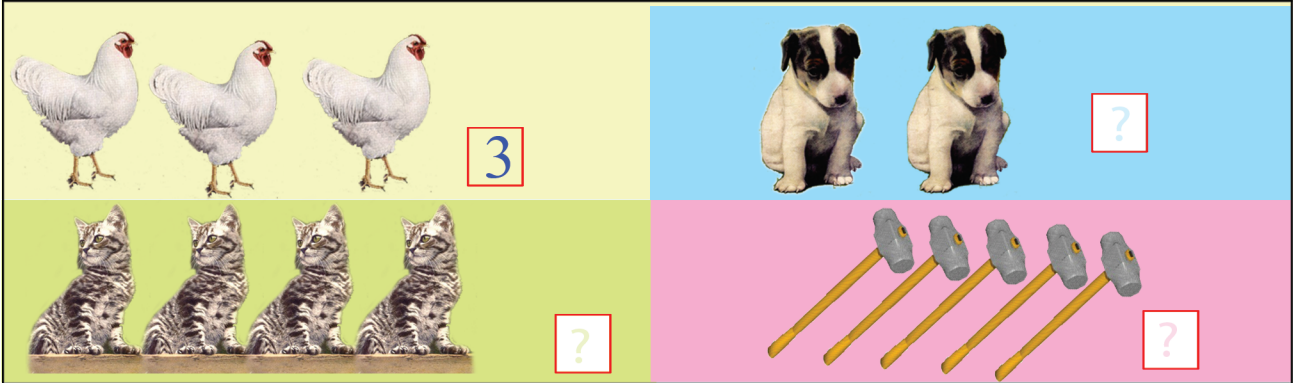
**Gilgaala 5** • Lakkoofsota bareessu shaakaluudhaaf mallattoowwan kennaman dabtara isaanii irratti irra deddeebi'uun barreessuu.

**Gilgaala 6** • Lakkoofsota 1 – 5tti jiran quba harkaan qilleensa Irratti barreessuun shaakaluu  
 • Lakkoofsota 1 – 5 xuqaawwan gurracheessuu fi irra deddedbi'uun dabtara Irratti barreessuu.

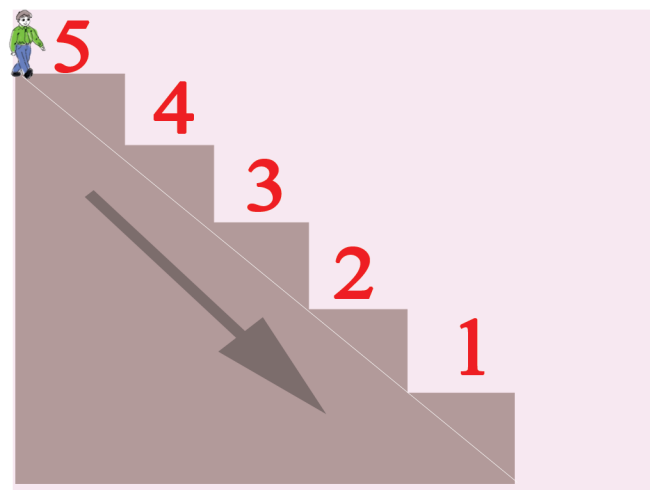
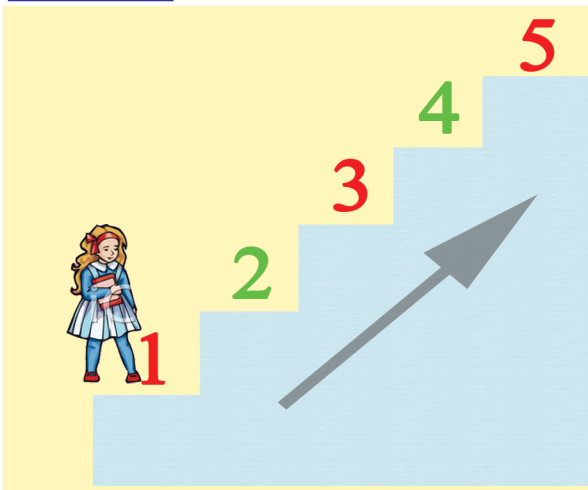
**Gilgaala 7** • Fakki ija bunaa lakkaa'uun baay'ina isaanii lakkoofsaan irra deddeebi'uun dabtra Irratti barreessuu.



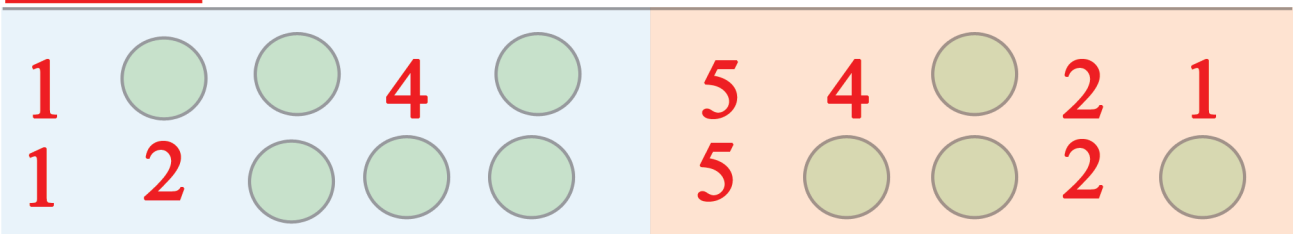
**Gilgaala – 8**



**Gocha -6**



**Gilgaala – 9**



- Gilgaala – 8** • Fakkiiwwan lakkaa'uun baay'ina lakkoofsa isaanii bakka duwaatti barreessuu. Fakkeenya kenname hubadhu.  
 • Lakkoofsota 1 – 5tti jiran irra deddeebi'uun sagalee ol kaasuun dubbisuu.
- Gocha -6** • Riqaa olbaahuun lakkoofsa 1iraa eegaluun amma 5tti lakkaa'uu.  
 • Riqaa Irraa gadi bu'uun 5 iraaeeqaluun amma 1tti lakkaa'uu.
- Gilgaala -9** • Tartiiba lakkoofsaa hulbachuun bakka duwwaa lakkoofsa sirrii ta'een guutuu.





**Gilgaala – 10**

**Gocha -7**

**Gilgaala – 11**

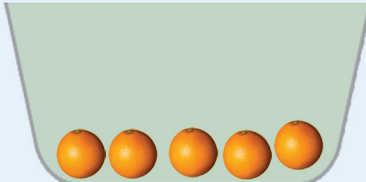
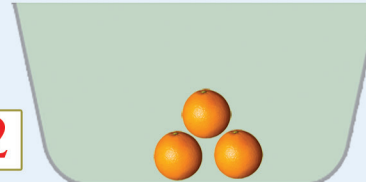




**Gilgaala – 10** • Baay'ina fakkiwwanii lakkoofsa 1 – 5tti kan geengoo keessatti kennaman waliin firoomsuu.

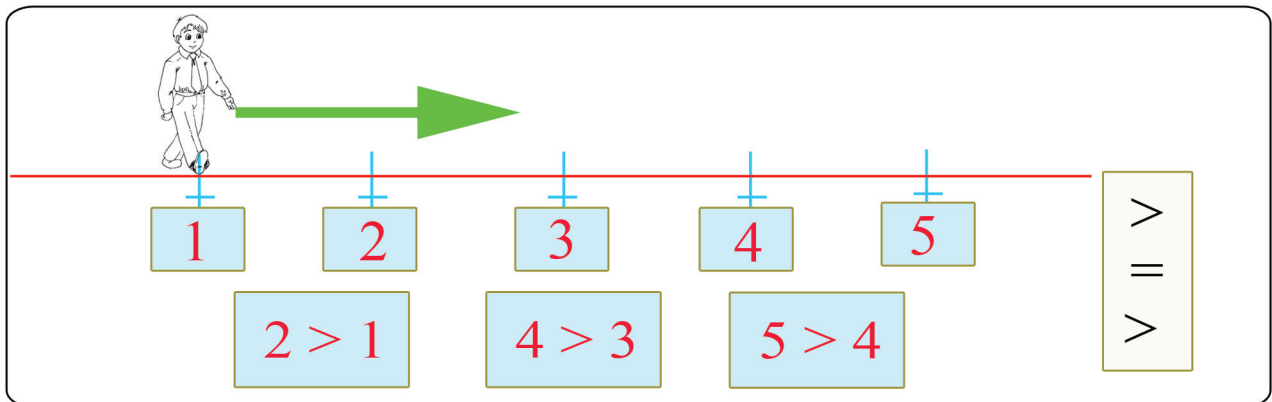
**Gocha -7** • Baay'ina rogsadeewwanii lakkoofsota geengoo keessetti kennaman waliin firoomsuu.

**Gilgaala – 11** • Fakki lakkaa'uun baay'ina isaa bakka duwwaa Irratti barreessu.







Gocha – 8

	$5 > 2$		$>$ $=$ $<$
	$2 = 2$		
	$2 < 3$		



Gilgaala – 12

	<input type="text"/>	$<$	<input type="text"/>	
	<input type="text"/>	$?$	<input type="text"/>	

**Gocha – 8** Baay'ina burtukaana kachoo keessaa waliin madaaluun mallatto irra glldda ( $>$ ) baruu.

- Baay'ina muuzii bakk alamaanii waliin madaaluun mallattoo walqixaa ( $=$ ) baruu.
- Gara mirgaatti sarara lakkoofsaa Irraa yoo deemnu lakkoofsonni dabalaa akka deeman hubachuu.

**Gilgaala – 12** • Baay'ina fakkii Saanduqa duwwaa cinaa tuutaa jiru keessatti barreessuu, bakka? jirutti mallattoo  $>$ ,  $<$  ykn  $=$  barreessuu.



**Gocha – 9**

< > =

**Gilgaala – 13**

4 > 3	2 ? 1	2 ? 2
4 ? 4	5 ? 5	5 ? 1
2 ? 5	1 ? 4	3 ? 5

**Gilgaala – 14**

5	4	3		1	5	4			
	4	3	2		5				1

**Gocha – 9** Fakkeenya kenname Irratti hundaa’uun, fakkiwwan lakkaa’uu, baay’ina fakkiwwari duwwa keessatti barreessuu, mallattoo sirrii ta’een waliin madaaluu.

**Gilgaala – 13** Mallattoolee hariiroo lakkoofsotaa < . > ykn = bakka duwwaatti barreessuun lakkoofsota waliin madaaluu.

**Gilgaala – 14** Tariiba lakkoofsotaa huibachuun bakka duwwaa lakkoofsa sirri ta’een guutuu.



## 1.2 Lakkofsota lakkaawwii 6 – 9tti fi tartiiba isaanii

**Gocha – 10**

	6		
	7		
	8		
	9		

**Gilgaala – 15**

**Gilgaala – 16**

**Gocha – 10** Sagalee olka'aan 6 – 9tti irra deddeebi'uun dubbisuu.

Quba harkaa fi danaa geengoo lakkaa'uu.

**Gilgaala – 15** Baay'ina tuqaalee lakkoofsota waliin firoomsuu.

**Gilgaala – 16** Fakkiwwan lakkaa'uun lakkoofsa baay'ina isaa mul'isu irra maruu.



**Gilgaala- 17**

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

**Gilgaala - 18**

6 ● ● ● ● ● ●

7 \_\_\_\_\_

8 \_\_\_\_\_

9 \_\_\_\_\_

**Gocha -11**

1	2	3	<input type="text"/>	<input type="text"/>	<input type="text"/>	7	<input type="text"/>	<input type="text"/>
1	<input type="text"/>	3	<input type="text"/>	5	<input type="text"/>	<input type="text"/>	<input type="text"/>	9
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	6	7	<input type="text"/>	<input type="text"/>
<input type="text"/>	2	<input type="text"/>	4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	9

**Gilgaala- 17** Lakkoofsota tugaaleen muli'faman gurrachessuu fi irra deddeebi'uun barreessuu.

**Gilgaala- 18** -Fakkeenya lakkoofsa 6f kenname hordofuun lakkoofsota 7, 8 fi 9 cinaatti geengoowwan gurraacha'oo tarreessuu.

**Gocha -11** - Bakka duwaa lakkoofsota sirriidhaan gutuu.



**Gilgaala – 19**

5 →

4 →

3 →

3 →

6 →

7 →

6 →

1 →

2 →

**Gocha – 12**

9 8 7 6 5 4 3 2 1

**Gilgaala – 20**

8 →  9

→ 6

→ 2

? → 6

→ 8

→ 7

**Gilgaala – 21**



→



→

**Gilgaala – 19** Lakkoofsa itti aanu saanduqa keessatti barreessuu Dursaa fi itti fufaa jechoota jedhamani shaakaluu.

**Gocha – 12** 9 irraa jalqabuun gara duubaatti lakkaa'uu, deddeebi'anii shaakaluu.

**Gilgaala – 20** Dursaa lakkoofsota kennamanii saanduqa keessatti barreessuu.

**Gilgaala – 21** Baay'ina fakkiwwanii saanduqa duwwa keessatti barreessuu.

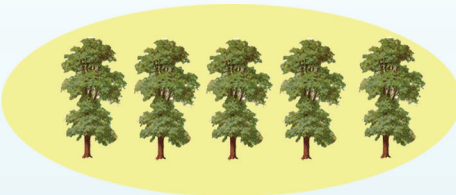
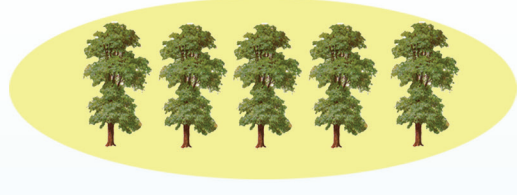


> < =

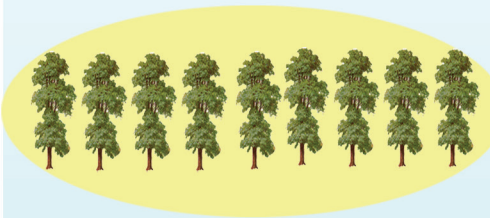
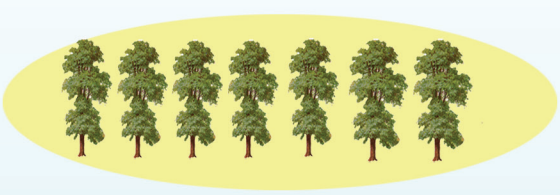
Gocha – 13



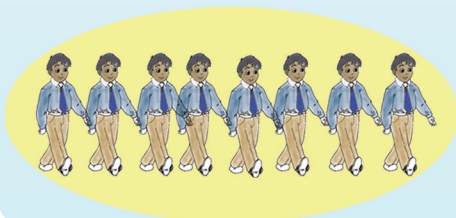
?



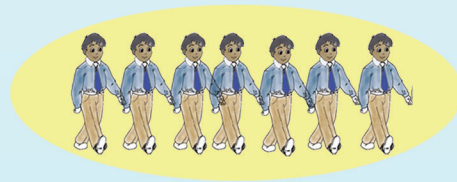
?



?



?



Gilgaala – 22

9 > 6

3  8

7  4

6  1

5  8

8  9

8  3

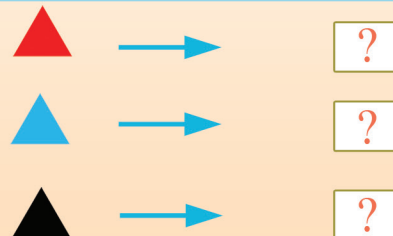
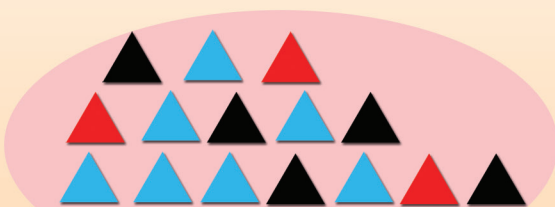
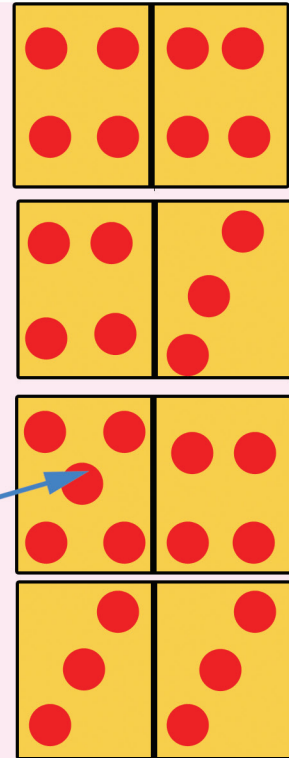
9  8

Gocha – 13 Baay'ina fakkiwwanii saanduqa duwwaa keessatti barreesuu. Mallattoolee <, > fi = keessaa isa sirrii ta'e bakka? buusuu.

Gilgaala – 22 Mallattoo <, > fi = tti fayyadamuun lakkoofsota kennaman waliin madaaluu.



Gocha – 14



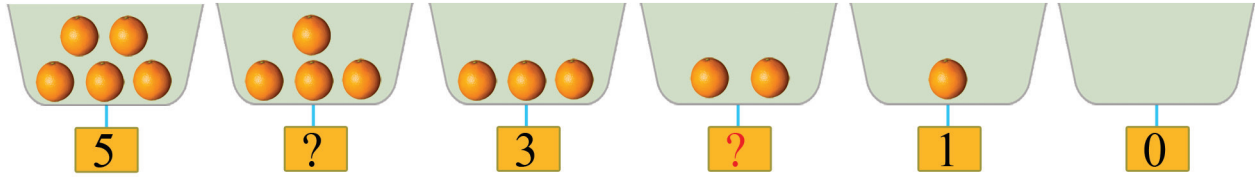
Gocha – 14 -Lakkoofsa baay'ina qubaa lakkoofsa baay'ina Tuqaalee waliin firoomsuu.

- Adurreewwan lakkaa'uun baay'ina isaanii barreessuu.
- Rogsadeewwan haallu adda addaa qaban lakkaa'uun baay'ina isaanii barreessuu.





**Gocha – 15**



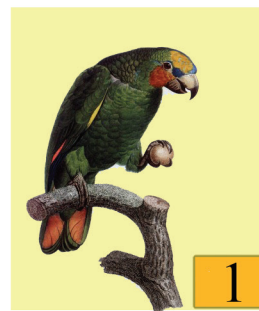
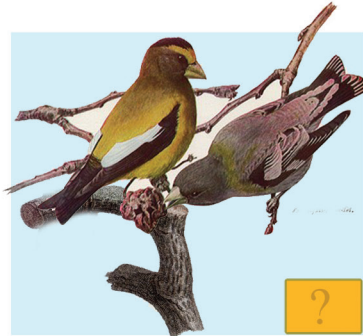
**Gilgaala – 23**



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

5	5	5		
6	6			
7	7			
8	8			
9	9			

**Gilgaala – 24**



**Gocha – 15** - Burtukaana gabatee Irraa lakkaa'uun zeeroon maal akka ta'e yaada argachuu.

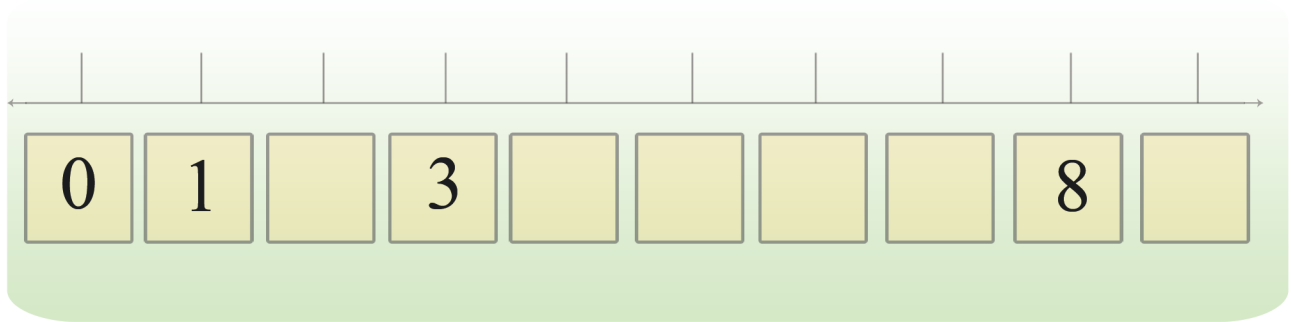
- xiyya lakkoofsaa Irraa lakkoofsota 0 – 9tti jiran dubbisuu.
- Sarara lakkoofsaa Irra gara mirgaatti yoo deemnu lakkoofsotni dabalaa akka deeman hubachuu.

**Gilgaala – 23** - Lakkoofsota 0 – 9 tuqaaleen mul'ifaman gurraachessuun, barreessuu. duwaa hafani Irrattis deddeebiin barreessuu.

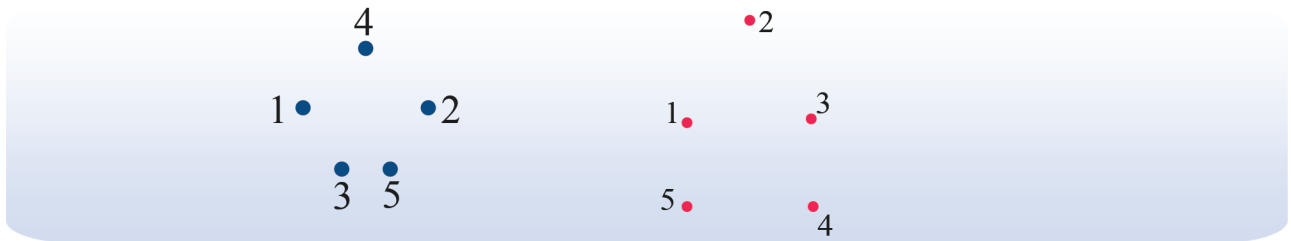
**Gilgaala – 24** - Simbirroowan mukarra jiran lakkaa'uun baay'ina isaanii bakka "?" buusuun barreessuu.



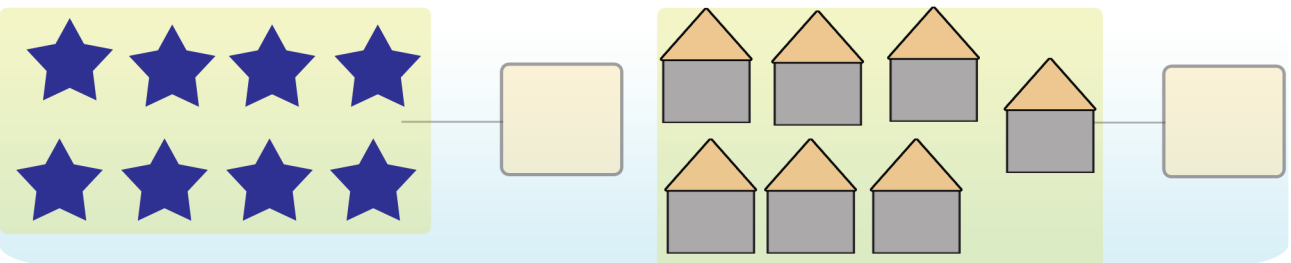
**Gocha – 16**



**Gocha – 17 (Tapha)**



**Gilgaala – 25**



**Gocha – 16** Lakkoofsota hir'atan bakka '?' tti barreessuu.

**Gocha – 17** Tuqa lakkoofsa 1 irraa eeqaluun sararaan walqabsiisaan bakka jalqabaatti deebi'uu.

**Gilgaala – 25** Fakkiwwan lakkaa'uun baay'ina isaanii saanduqoota duwwaa keessatti barreessuu.

# Boqonnaa 2

IDA'UU FIHIR'ISUU LAKKAAWWII  
HAMMA 9TTI

$+$     $-$     $=$   
 $2 + 5 = 7$   
 $7 - 2 = 5$

## 2.1 Ida'uu lakkoofsota lakkaawwii kanneen Ida'amni isaanii 9 hin caalle

Lakkoofsota 1 – 5tti jiran ida'uu

Gocha – 1

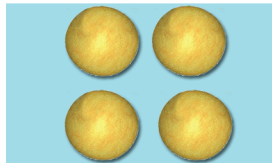
Lakkaa'uu



2



?






?






?

Ida'uu




Gocha – 2



 **2** + **1**  =  **3**

 **3** + **2**  =  **5**

$2 + 1 = 3$

$3 + 2 = 5$

 **2** + **1**  =  **?**







 **?** + **?**  = **\_\_\_\_\_** **?**

$2 + 1 = \square$

$\square + \square = 5$

Gocha – 1 Fakkiiwwan lakkaa'uun baay'ina isaanii barreessuu

Gocha – 2 Haala fakkeenya kennameetti fakkiiwwan lakkaa'uu, hima ida'uu uumuu fi ida'ama isaanii lakkaa'uun argachuu.






 $3 + 2 = 5$ 


**Gilgaala - 1**

$1 + 2 =$







$3 + 1 =$






$1 + 4 =$













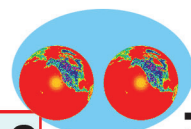

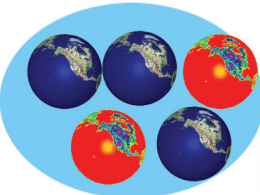

$2 + 3 =$

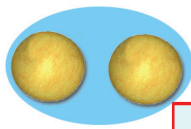




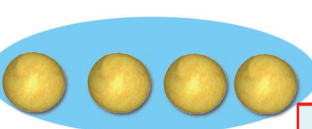












 $2 + 1 = 3$ 


**Gilgaala - 2**






 $3 + 2 =$



 $2 +$    $= 4$

 $3 + 1 =$

**Gilgaala - 1** Tuqaalee lakkaa'uu fi walitti makuun lakkaa'uun ida'ama isaanii argachuu.

**Gilgaala - 2** Lakkoofsa saanduqa Irratti barreeffamuu qabu fakkiwwan hordofuun argarchuu.

**Gocha – 3**

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

$1 + 4 = \square$   
 $4 + 1 = \square$   
 $2 + 3 = \square$   
 $3 + 2 = \square$

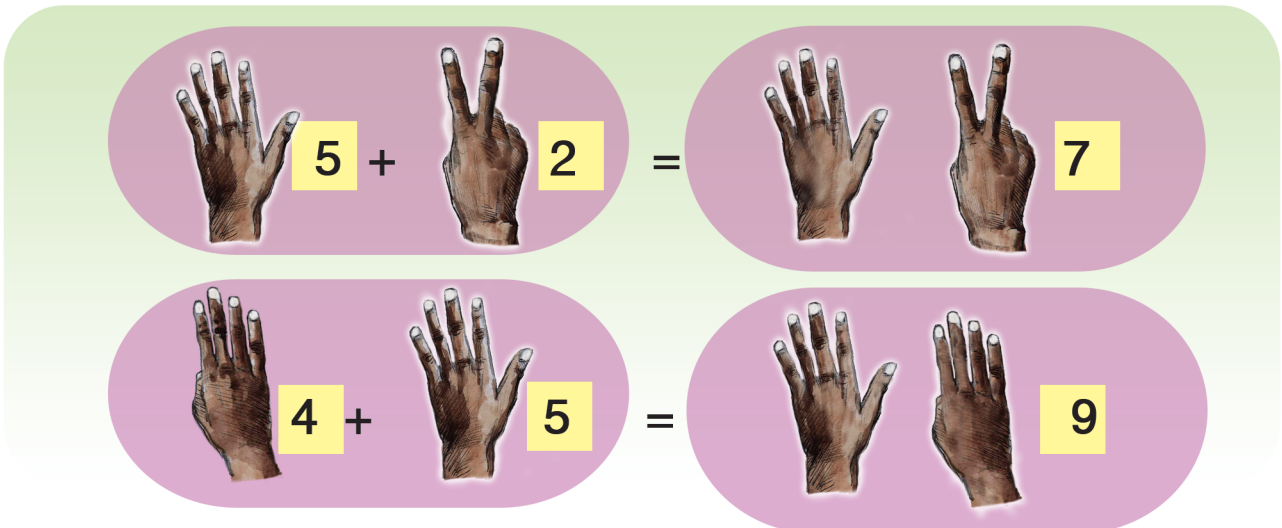
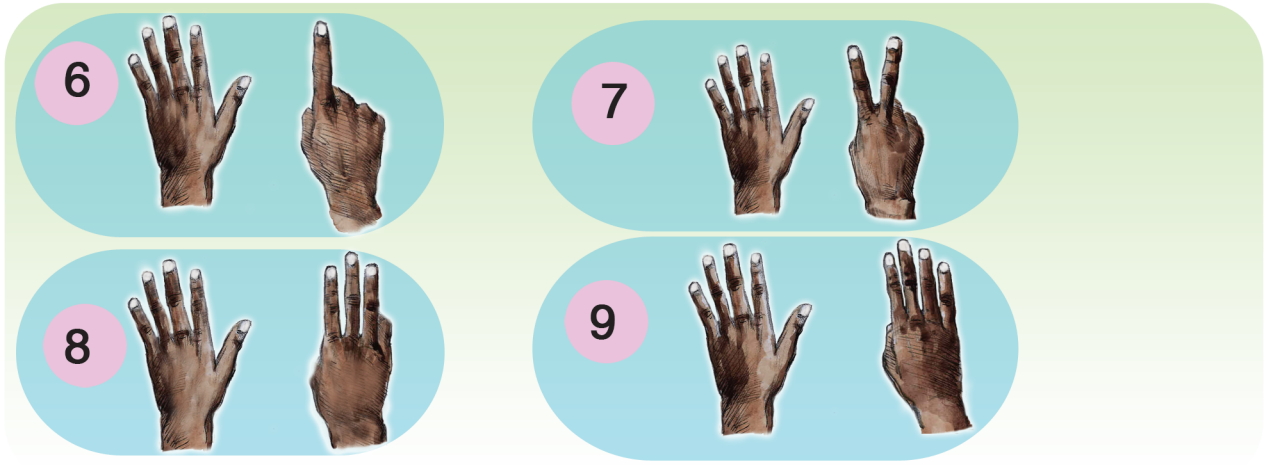
**Gilgaala– 3**

$1 + 3 = \square$        $3 + 1 = \square$   
 $2 + 1 = \square$        $1 + 2 = \square$   
 $1 + 4 = \square$        $4 + 1 = \square$

**Gocha – 3** Ida’amoota wal cinaa jiran waliin madaaluun yaada walii galaa tokko irra

**Gilgaala 3** Gaaffilee hima ida’u hojjechuun ida’amoota waliin madaaluun yaada walii-galaa tokko irra ga’uu.

**Gocha - 4** Qubaan lakkaa'uu

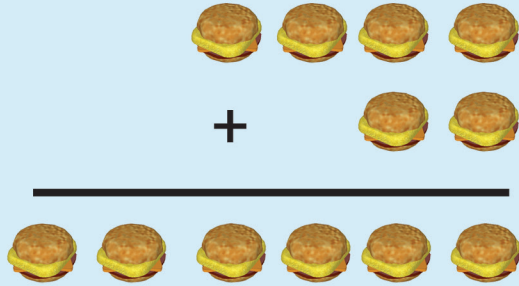


**Gilgaala - 4** Quba Lakkaa'uun Ida'uu

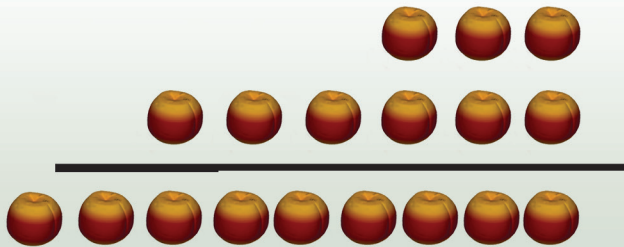
$5 + 1 = \square$   
 $5 + 3 = \square$   
 $5 + 4 = \square$   
 $4 + 5 = \square$   
 $3 + 5 = \square$

**Gohca - 4** Quba harkaa lakkaa'uu  
**Gilgaala- 4** Quba harkaa lakkaa'uun ida'uu.

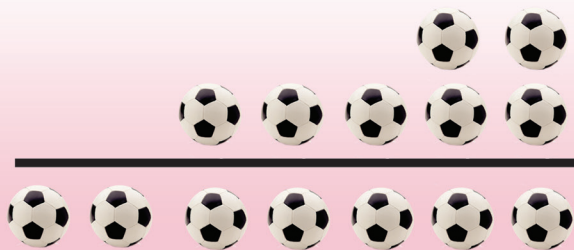
**Gocha – 5**



$$\begin{array}{r} 4 \\ +2 \\ \hline \boxed{6} \end{array}$$



$$\begin{array}{r} 3 \\ +6 \\ \hline \boxed{9} \end{array} \qquad \begin{array}{r} 6 \\ +3 \\ \hline \boxed{\phantom{00}} \end{array}$$



$$\begin{array}{r} 2 \\ +5 \\ \hline \boxed{\phantom{00}} \end{array} \qquad \begin{array}{r} 5 \\ +2 \\ \hline \boxed{\phantom{00}} \end{array}$$

**Gilgaala – 5**

$$\begin{array}{r} 3 \\ + 5 \\ \hline \boxed{\phantom{00}} \end{array}$$



$$\begin{array}{r} 2 \\ + 5 \\ \hline \boxed{\phantom{00}} \end{array}$$



$$\begin{array}{r} 2 \\ +3 \\ \hline \boxed{\phantom{00}} \end{array}$$

$$\begin{array}{r} 5 \\ + 1 \\ \hline \boxed{\phantom{00}} \end{array}$$


$$\begin{array}{r} 6 \\ +3 \\ \hline \boxed{\phantom{00}} \end{array}$$


$$\begin{array}{r} 2 \\ +5 \\ \hline \boxed{\phantom{00}} \end{array}$$


**Gocha – 5** Danaalee kennamanitti fayyadamuun irraa gadee ida'uu.


**Gilgaala – 5** Sararootatti fayyadamuun irraa gadee ida'uu.

**Gilgaala – 6**

4 + 3 = 7 

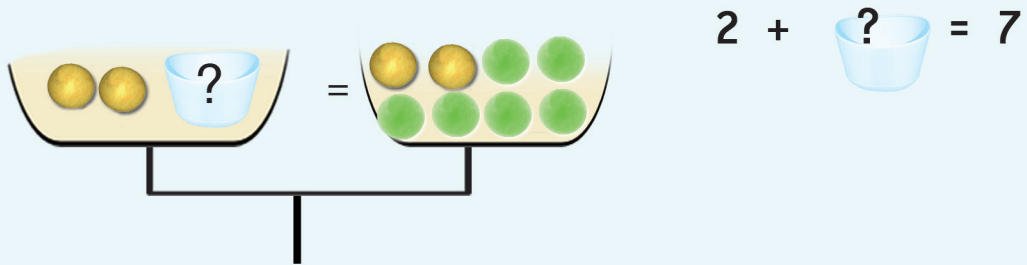
2 + 5 =  

5 + 3 =  

6 + 2 =  

**Gohca – 6**

Madaala akkamiin walqixxeessuun danda'ama?



2 + ? = 7

**Gilgaala – 7**

Pirobleemota jechaa



Caalaa

caaltuu

? + = 8

**Gilgaala – 6** Lakkoofsa duraa irraa ka'uun hamma isa lammaffaa gara mirgaatti lakkaa'uun bakka ga'aa ilaaluun deebi isaa bakka duwwaa Irratti guutuu.

**Gocha – 6** Burtukaanonni gara bitaa fi mirgaa jiran walqixa yoo ta'aani, guuboo keessa burtukaana meeqatu jira?

**Gilgaala – 7** Danaa (fakkii) kennaman foyyadamuun piroobleemota jechaa furuu.



**Gocha – 7**

<input type="text"/>	2 +	= 6	<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	3 +	= 8	<input type="text"/>	1 +	= 7		
<input type="text"/>	5 +	= 9	<input type="text"/>	2 +	= 9		


**Gilgaala– 8**

Ida'amni 5		
1	+	4
2	+	?
3	+	?
4	+	?

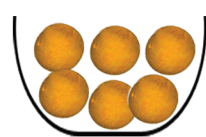

Ida'amni 7		
1	+	6
2	+	?
?	+	4
4	+	?

Ida'amni 9		
1	+	8
2	+	?
3	+	?
?	+	4

**Gilgaala – 9**



+ 2 = 5

 +  = 9

+  = 7

**Gocha – 7** Bakka duwaa lakkoofsa sirrii ta'een guutuu.

**Gilgaala – 8** Gabateewwan kennaman Irratti bakka "?" tti ida'amtoota sirrii ta'an guutuu.

**Gilgaala – 9** Fakkiiwwan kennaman faana bu'uun piroob'leemota Jehcaa furuu.

## 2.2 Hir'isuu Lakkoofsota lakkaawwii Hamma 9 tti

### Gohca – 8

5 - 3 = 2

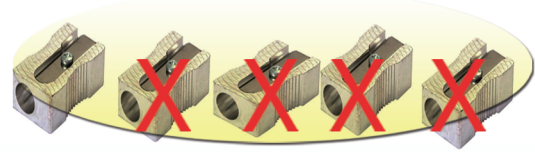
5 - 2 = [ ]

4 - 1 = [ ]      4 - 3 = [ ]

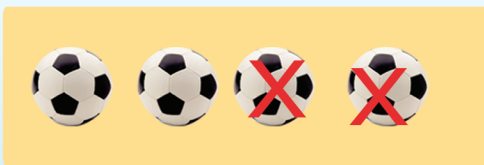
### Gilgala – 10



$$5 - 3 = [ ]$$



$$5 - 4 = [ ]$$



$$4 - 2 = [ ]$$




$$2 - 1 = [ ]$$

**Gocha – 8** Danaalee ilaaluun firii hima hir'isu saanduqa duwwaa keessatti barreessuu.

**Gilgala – 10** Caalmaa saandufa duwwaa keessatti guutuu.

**Gilgaala – 11**







$$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$$


$$\begin{array}{r} 7 \\ -4 \\ \hline \end{array}$$


$$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$$


$$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$$

**Gocha – 9**


 $7 - 2 = \square$ 
  

 $\square - \square = \square$ 
  

 $\square - \square = \square$ 
  

 $\square - \square = \square$ 

**Gilgaala – 11** Fakkiiwwan Irratti hundaa’uun irraan gadee hir’isuu.

**Gocha – 9** kubboota hunda, isaan irraa hir’achuu mallattoo "X" n irratti ta’ee fi isaan hafan saandufoota duwwaa keessatti barreessuu.

**Gilgaala – 12**

$5 - 3 = \square$	
$5 - 4 = \square$	
$5 - 2 = \square$	
$4 - 3 = \square$	
$3 - 1 = \square$	

$7 - 2 = 5$	
$6 - 5 = \square$	
$9 - 2 = \square$	

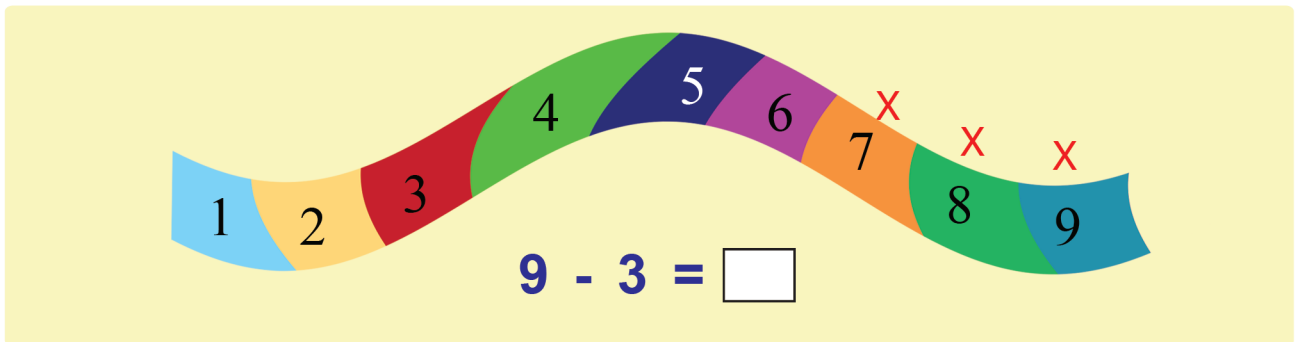
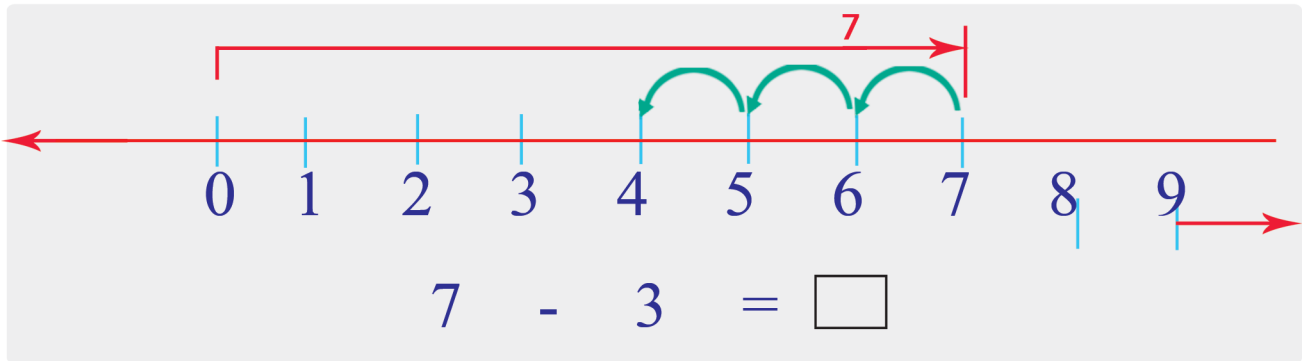
**Gilgaala – 13:**

	9
	$9 - 1 = \square$ 8
	$9 - 2 = \square$
	$9 - 3 = \square$
	$9 - 4 = \square$
	$9 - 5 = \square$
	$9 - 6 = \square$
	$9 - 7 = \square$
	$9 - 8 = \square$

**Gilgaala– 12:** Caalmaa isaanii saandua duwwaa keessatti guutuu.

**Gilgaala – 13:** Fakkiwwan lakkaa'uun caalmaa lakkoofsotaa shallaguu.

**Gocha – 10**



**Gilgaala – 14**

$9 - 4 = \square$

$8 - 4 = \square$

$8 - 2 = \square$

$7 - 5 = \square$

$9 - 6 = \square$

$9 - 1 = \square$

$6 - 4 = \square$

$7 - 6 = \square$

$8 - 6 = \square$

**Gilgaala – 15**

$\begin{array}{r} 9 \\ - 6 \\ \hline \hline \end{array}$	$\begin{array}{r} 5 \\ - 1 \\ \hline \hline \end{array}$	$\begin{array}{r} 7 \\ - 5 \\ \hline \hline \end{array}$	$\begin{array}{r} 9 \\ - 8 \\ \hline \hline \end{array}$	$\begin{array}{r} 6 \\ - 4 \\ \hline \hline \end{array}$
$\begin{array}{r} 8 \\ - 4 \\ \hline \hline \end{array}$	$\begin{array}{r} 9 \\ - 2 \\ \hline \hline \end{array}$	$\begin{array}{r} 7 \\ - 5 \\ \hline \hline \end{array}$	$\begin{array}{r} 6 \\ - 3 \\ \hline \hline \end{array}$	$\begin{array}{r} 8 \\ - 6 \\ \hline \hline \end{array}$

**Gocha – 10** xiyya lakkoofsa Irratti gara bitaatti deemuun hir'isuu.

**Gilgaala – 14** Dalga hir'isuu

**Gilgaala – 15** Irraa gadee hir'isuu

0

1

2

3

4

5

6

7

8

9

+

-

=

## Gocha – 11



$$8 - 6 = 2$$

$$8 - 2 = 6$$

$$2 + 6 = \square$$



$$9 - \square = 5$$

$$9 - \square = 4$$

$$4 + 5 = \square$$



$$7 - 3 = 4$$

$$7 - \square = 3$$

$$3 + 4 = \square$$

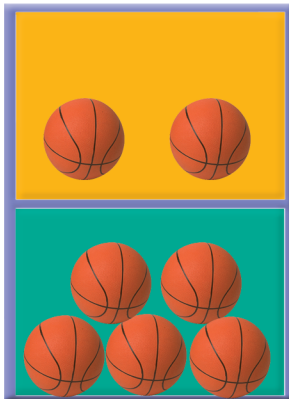


$$9 - 6 = \square$$

$$9 - \square = 6$$

$$3 + 6 = \square$$

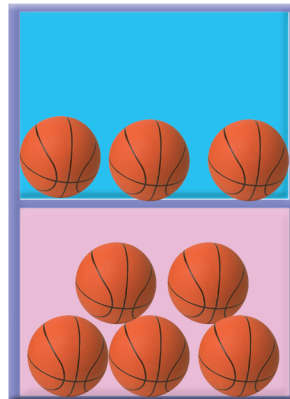
## Gocha – 11



$$2 + 5 = \square$$

$$7 - 2 = \square$$

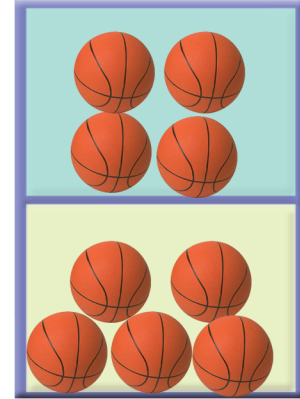
$$7 - 5 = \square$$



$$3 + 5 = \square$$

$$8 - 3 = \square$$

$$8 - 5 = \square$$



$$4 + 5 = \square$$

$$9 - 4 = \square$$

$$9 - 5 = \square$$

**Gocha – 11:** Sanduqa duwwaa guutuun hariiroo ida'uu fi hir'isuu hiubachuu.

**Gohca – 12:** Kubbaalee lakkaa'uun qooyyaba hir'isuu fi ida'uu hojjechu, hariiroo isaaniis huibachuu.

**Gilgaala- 16**

8 - 2 =

7 - 4 =

- 4 = 3

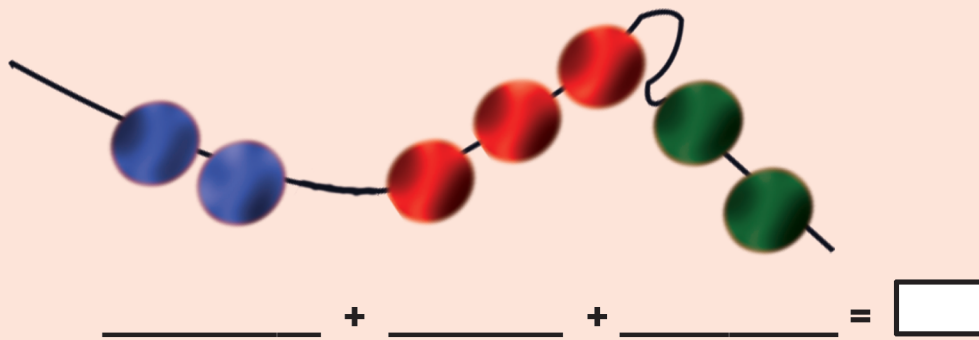
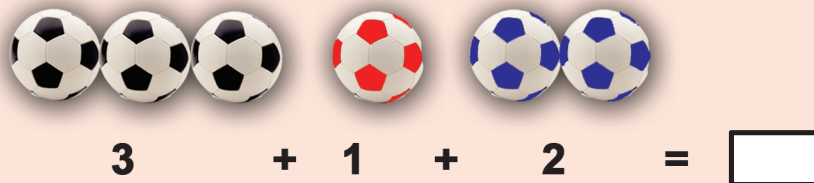
- 5 = 4

**Gilgaala – 16** Baay’ina ija bunaa okkotee keessaa kan lafa jiru hir’isuun kan hafe barreessuu.

-Timaatimni jalqaba okkotee keessa ture meeqa akka ta'e shallaguu.

### 2.3 Ida'uu lakkoofsota lakkaawwii sadii kanneen ida'amni isaani 9 hin caalle

#### Gocha – 13



#### Gilgaala – 17

1+2+3=

2 + 4 + 1 =

2+3+4=

1 + 1 + 7 =

1+3+5=

2 + 3 + 1 =

1+1+1=

1 + 2 + 6 =

3+3+3=

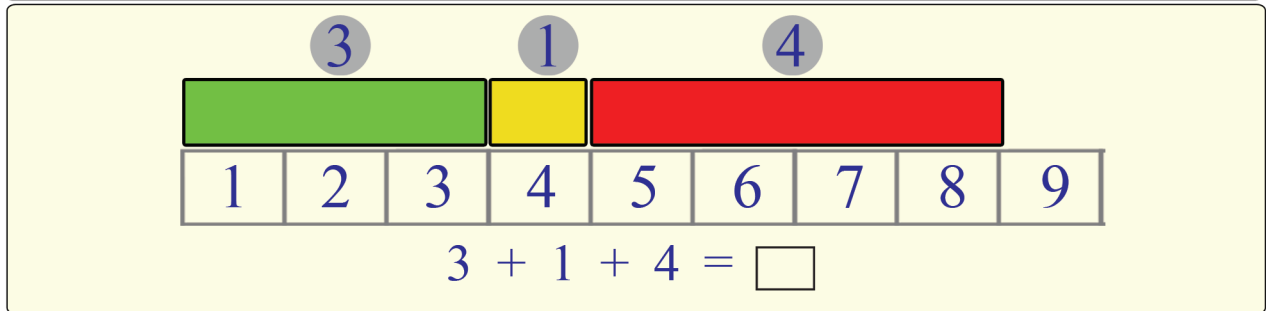
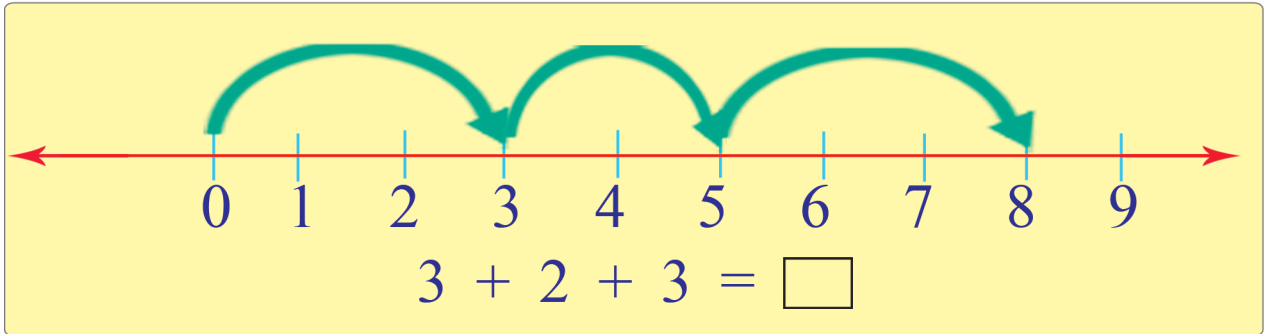
5 + 1 + 1 =

Gocha – 13 Fakkii halluu isanii tokkichaa walitti ida'uu

Gilgaala – 17 Lakkoofsota sadii sadii ida'uu



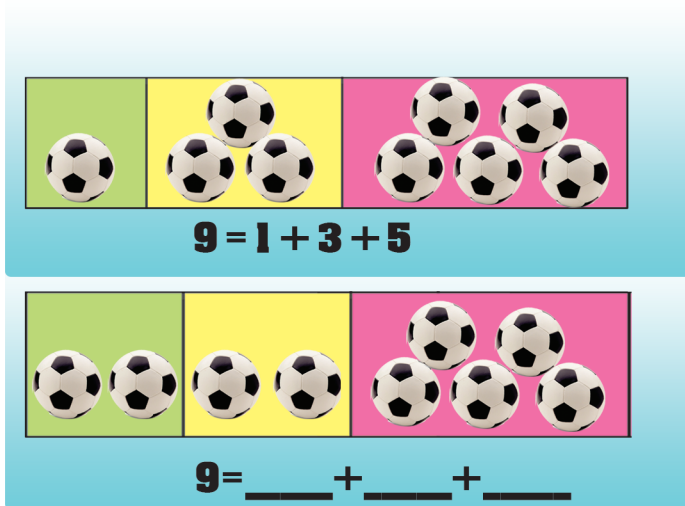
Gocha – 14



Gocha – 15



9

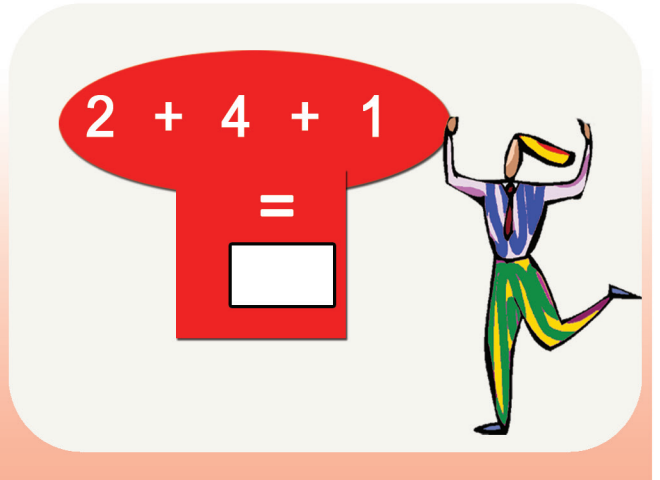
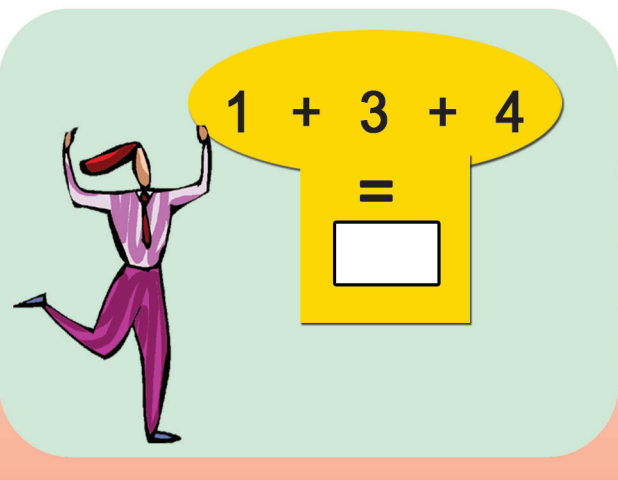
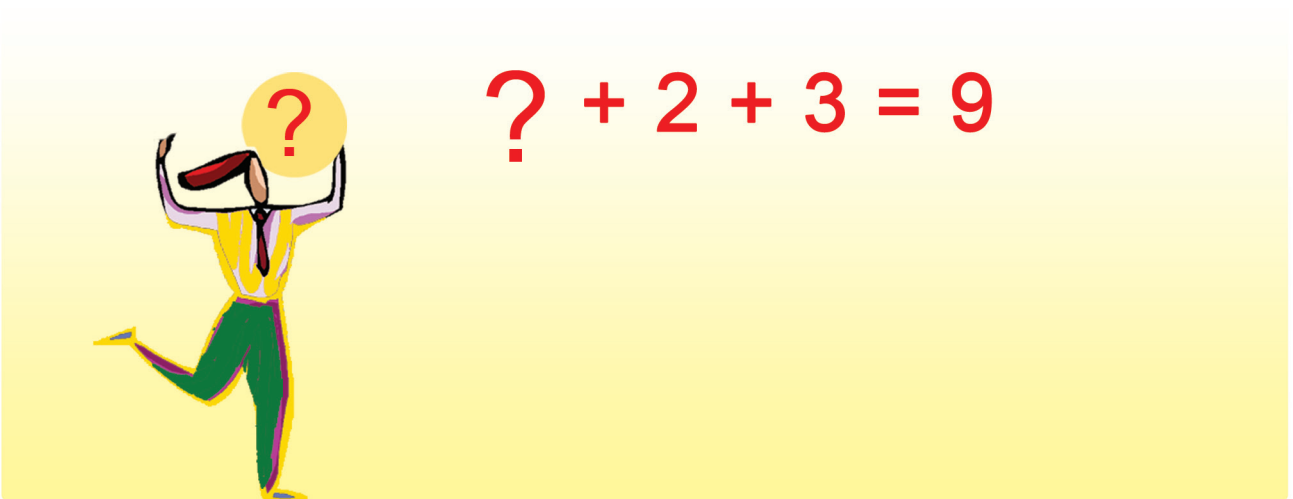
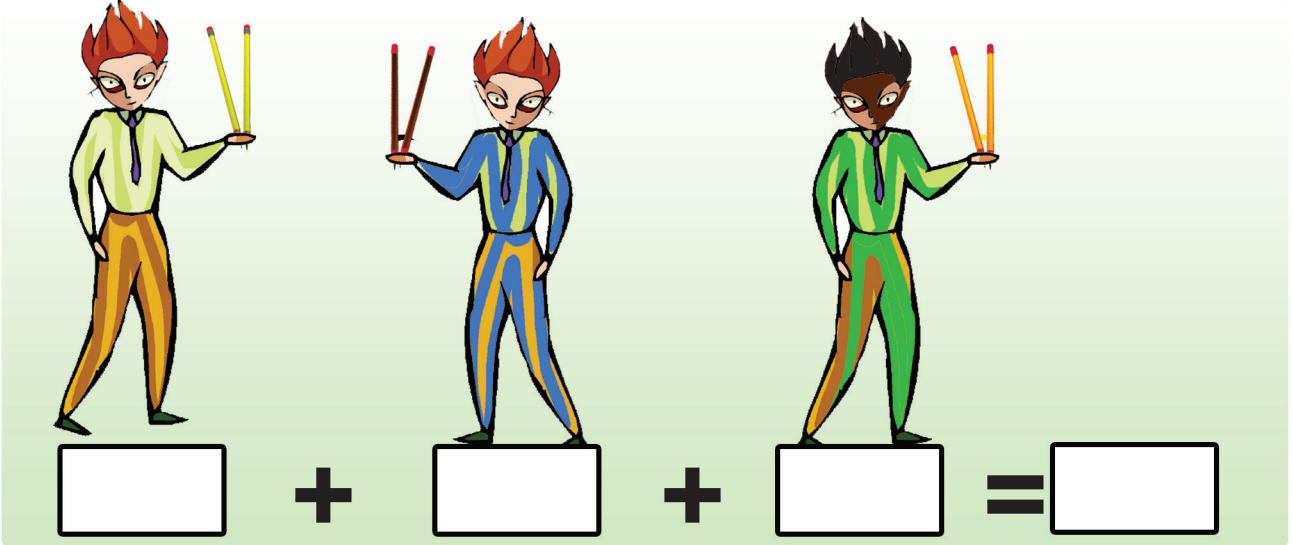


- + □ + □ = 9
- + □ + □ = 9
- + □ + □ = 9

**Gocha – 14** Fakkiwwanitti fayyadamuun lakkoofsota sadii xiyya lakkoofsa fi gabatee lakkoofsotaatti gargaaramuun ida’uu.

**Gocha – 15** Kubbaalee 9 okkotee keessaa akkaata fakkeenya kennameetti bakka sadiitti qooduu.

Gilgaala – 19



Gilgaala – 19 Hima ida'uu uumuun firii isaa barbaaduu.

# Boqonnaa 3

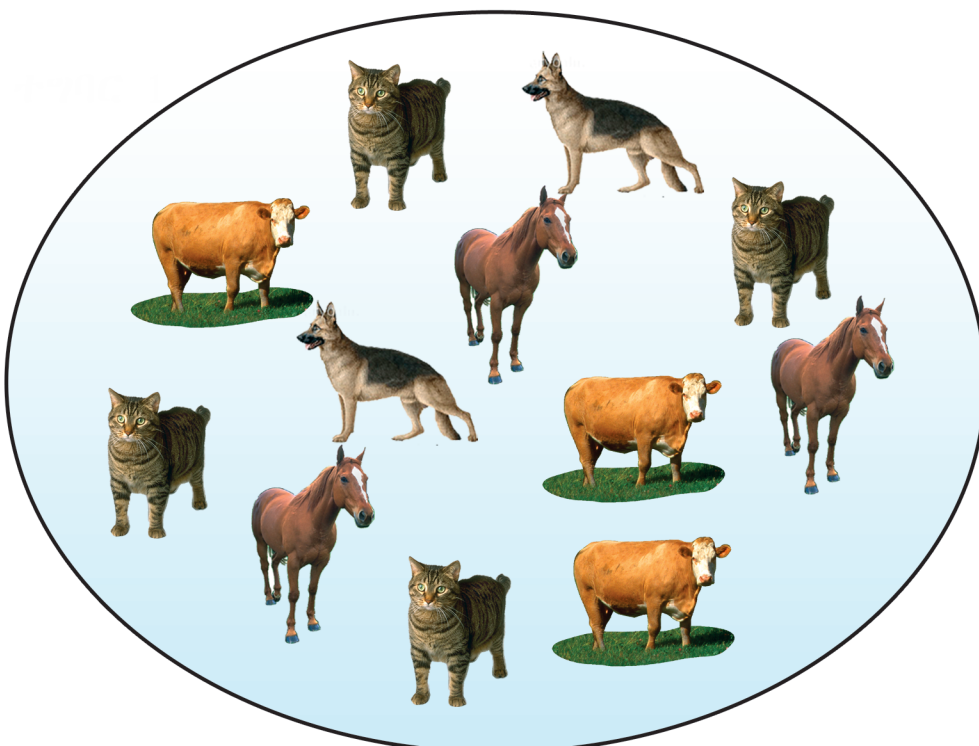
LOKKOOF SOTA HUNDAA  
HAMMA 20TTI

0	1	2	3	4	5
6	7	8	9	10	
11	12	13	14	15	
16	17	18	19	20	

## 3.1 Lakkoofsa Zeeroo

Gocha – 1

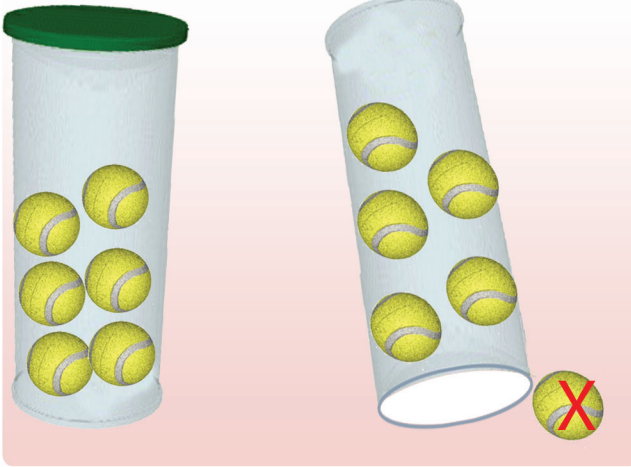
5	?	3	?	1	?



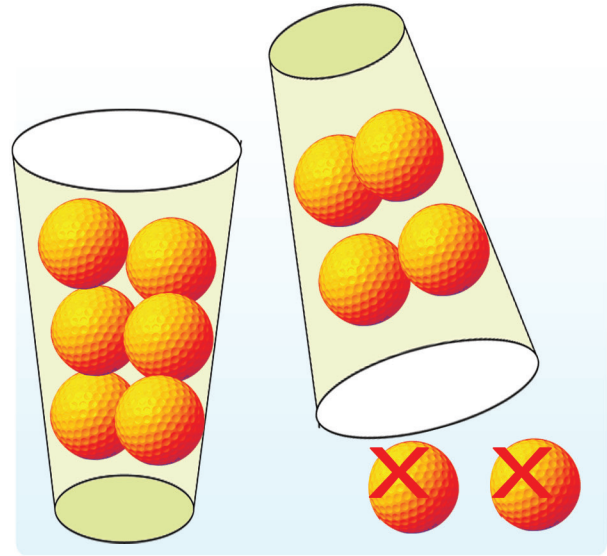
	2
	4

**Gocha – 1** Tokkoo tokkoo Saanduqaa kessa timaatimii meeqa meeqatuu jira? Baay'ina isaan tuuta keessaa lakkaa'uun barreessuu.

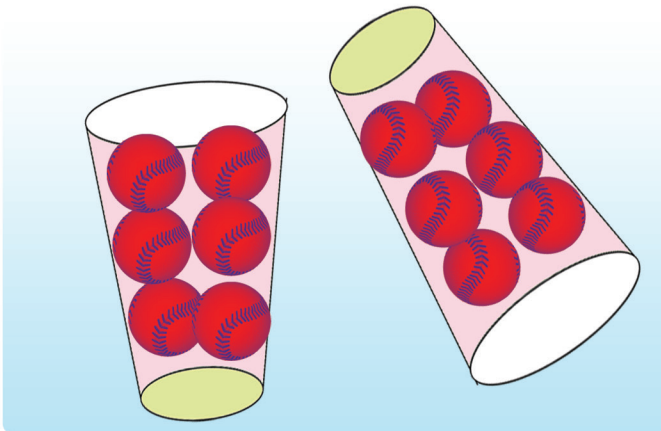
## Gocha – 2



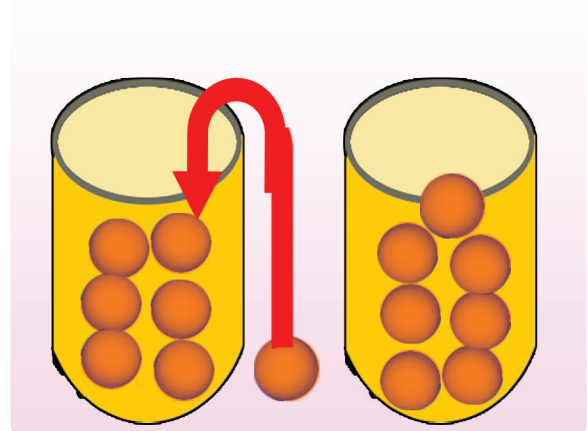
$$6 - 1 = 5$$



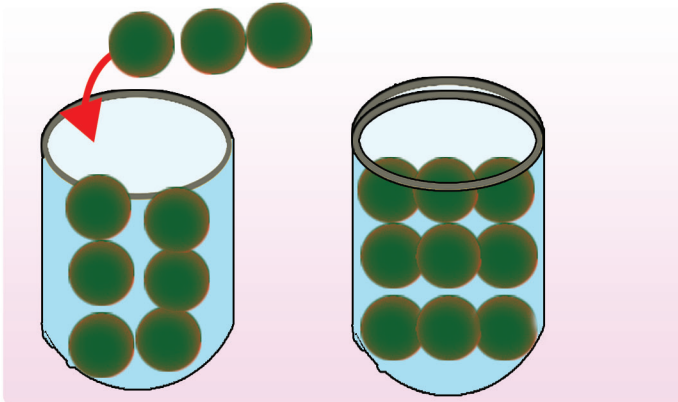
$$6 - 2 = \boxed{?}$$



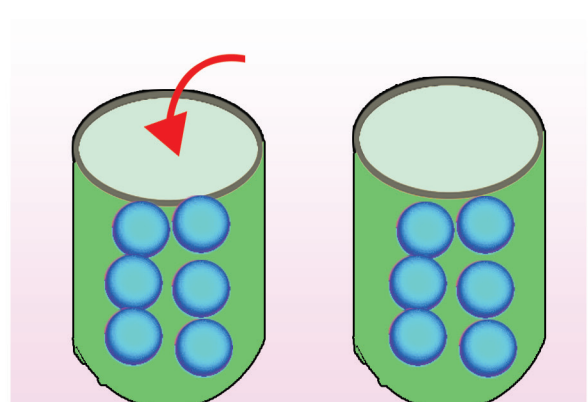
$$6 - 0 = \boxed{?}$$



$$6 + 1 = \boxed{?}$$

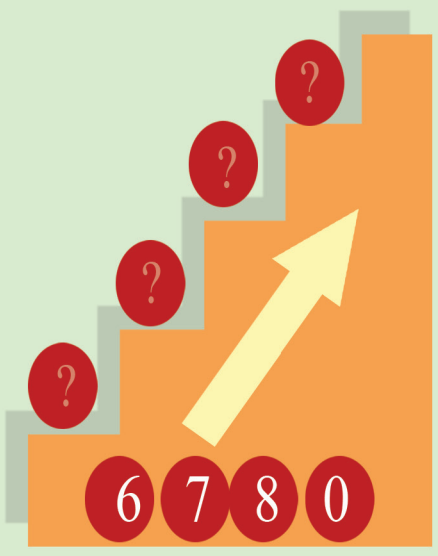
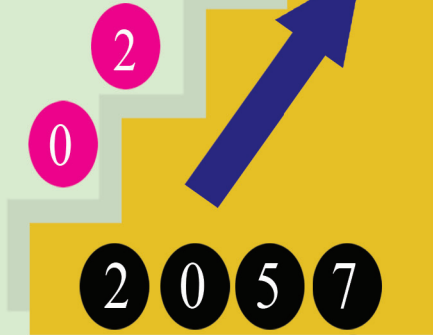


$$6 + 3 = \boxed{?}$$



$$6 + 0 = \boxed{?}$$

Gocha – 2 Fakkiiwanitti fayyadamuun qooyyaboota ida'uu fi hir'isuu hojjechuu.



**Gilgala – 1** Dijitota xiqqaa Irraa gara guddaatti, tartiibaan gadii gara oliitti tarreessuu

### 3.2 Lakkoofsota Hundaa Hamma 20tii fiTartiiba isaanii

#### Gocha – 3

$1 + 1 = \square$

$2 + 1 = \square$

$3 + 1 = \square$

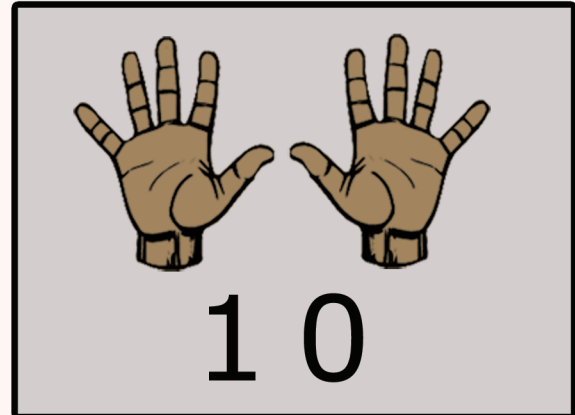
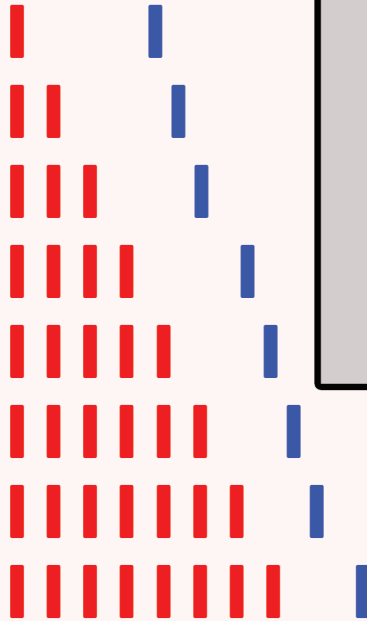
$4 + 1 = \square$

$5 + 1 = \square$

$6 + 1 = \square$

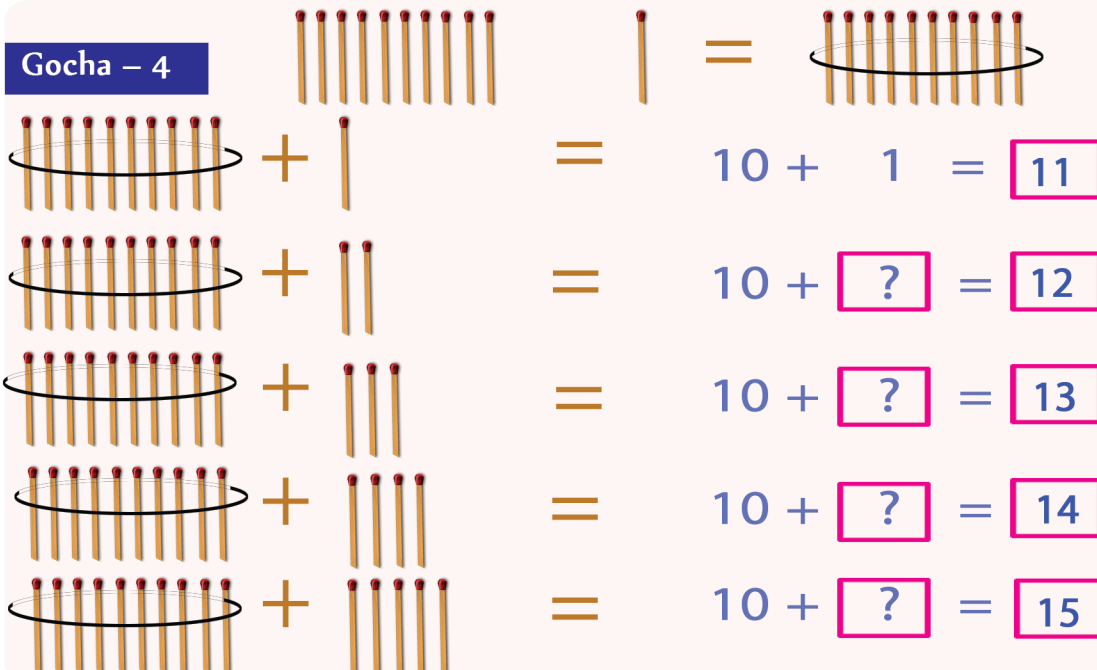
$7 + 1 = \square$

$8 + 1 = \square$



$9 + 1 = 10$

#### Gocha – 4



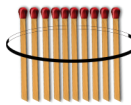
**Gocha – 3:** Lakkoofsota Irratti tokko ida'u fi lakkoofsa 10 barsiisuu

**Gocha – 4:** Lakkoofsota ida; amugaban bakka mallattoo gaaffiitti barreessuu.

**Gilgaala – 2**

1	2	?	4	5
6	7	?	9	?
11	12	?	14	?

**Gocha – 5**

	+		=	$10 + \boxed{?} = \boxed{16}$
	+		=	$10 + \boxed{?} = \boxed{17}$
	+		=	$10 + \boxed{?} = \boxed{18}$
	+		=	$10 + \boxed{?} = \boxed{19}$

 +  =  $10 + 10 = \boxed{20}$

**Gilgaala– 3**

1	2	3	<input type="text"/>	<input type="text"/>	<input type="text"/>	7	<input type="text"/>	9	<input type="text"/>
11	<input type="text"/>	<input type="text"/>	14	15	<input type="text"/>	<input type="text"/>	<input type="text"/>	19	<input type="text"/>

**Gilgaala – 2** Tartiiba kenname irratti hundaa'uun bakka duwwaa guutuu.

**Gocha – 5** Lakkoofsa himica dhugoomsu saanduga keessaatti barreessuu

**Gilgaala– 3:** Bakka duwwaa Irratti lakkoofsa tartiibaan sirri ta'e guutuu.

## Gilgaala – 4

<input type="checkbox"/>	6
<input type="checkbox"/>	12
<input type="checkbox"/>	11
<input type="checkbox"/>	20
<input type="checkbox"/>	18

## Gilgaala – 5

7	<input type="checkbox"/>
9	<input type="checkbox"/>
15	<input type="checkbox"/>
11	<input type="checkbox"/>
19	<input type="checkbox"/>

## Gilgaala – 6

7	<input type="checkbox"/>	9
11	<input type="checkbox"/>	13
14	<input type="checkbox"/>	16
18	<input type="checkbox"/>	20
10	<input type="checkbox"/>	12

## Gilgaala – 7

<input type="checkbox"/>	7	<input type="checkbox"/>
<input type="checkbox"/>	15	<input type="checkbox"/>
<input type="checkbox"/>	19	<input type="checkbox"/>
<input type="checkbox"/>	12	<input type="checkbox"/>
<input type="checkbox"/>	9	<input type="checkbox"/>

## Gocha – 6

< = >

13	<input type="checkbox"/>	13
12	<input type="checkbox"/>	18
11	<input type="checkbox"/>	11

14	<input type="checkbox"/>	16
18	<input type="checkbox"/>	14
19	<input type="checkbox"/>	12

19	<input type="checkbox"/>	11
12	<input type="checkbox"/>	8
9	<input type="checkbox"/>	12

**Gilgaala – 4** Dursa lakkoofsa kenamee barreessuu

**Gilgaala – 5** Itti fufaa lakkoofsa kenamee barreessuu

**Gilgaala – 6** Lakkoofsa isaan kennaman gidduutti argamu barreessuu

**Gilgaala – 7** Dursaa fi itti fufaa lakkoofsa kenamee bakka duwaa Irratti guutuu

**Gocha – 6** Mallattoo <, > fi =tti fayyadamuun lakkofsota waliin madaaluu



0

1

2

3

4

5

6

7

8

9

10

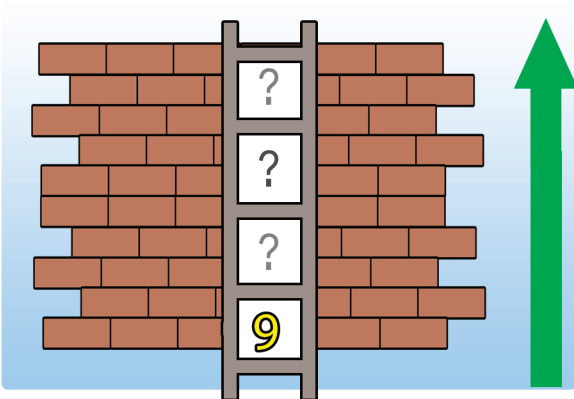
**Gilgaala – 8**

6	7			10	
13	14				
15					
11					

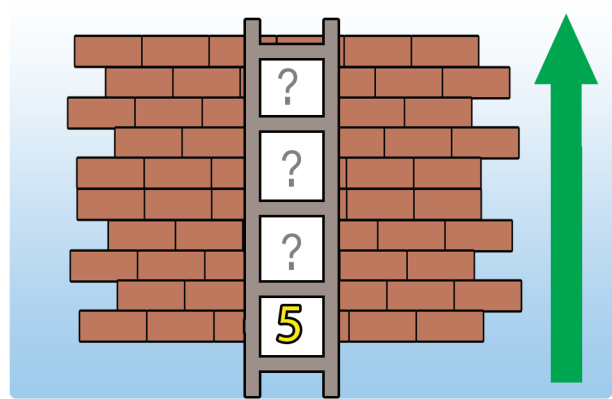
**Gilgaala – 9**

1		3		6	
11	12			15	
					17
					20
					13

**Gilgaala – 10**



9 13 11 15



14 19 5 17

**Gilgaala-8** Tartiiba kenname hordofuun bakka duwwaa guutuu

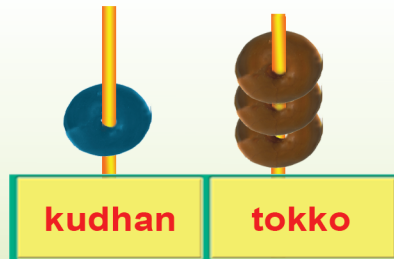
**Gilgaala – 9** Gara duubaa fi gara fuulduraatti lakkaa'uun bakka duwwaa guutuu.

**Gilgaala – 10** Sadarkaa Irratti lakkoofsota kennaman jalaa gara oliitti tartiibaan barreessuu.

### 3.3 Sirna Mana Lakkoofsotaa

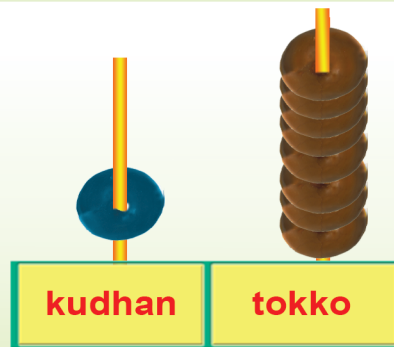
#### Gocha – 7

$$13 = 10 + 3$$



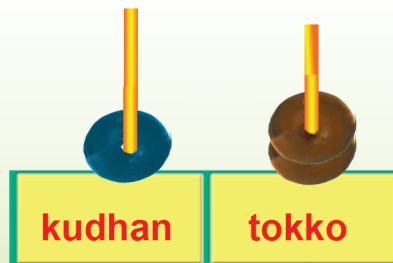
Mana kurnanii	Mana tokkee
1	3

$$18 = 10 + \square$$



Mana kurnanii	Mana tokkee

$$12 = 10 + \square$$



Mana kurnanii	Mana tokkee

#### Gilgaala – 11

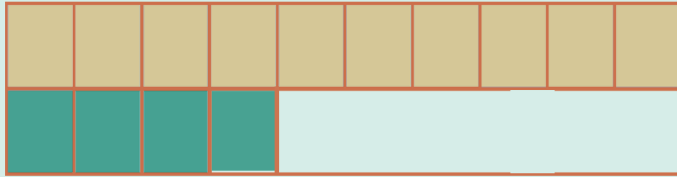
	Mana kurnanii	Mana tokkee
16	1	6
11		
17		
19		
20		

**Gocha – 7** Mana kurnanii fi mana tokkee addaan baasuu

**Gilgaala – 11** Mana kurnanii fi mana tokkee lakkoofsota kennamanii barreessuu

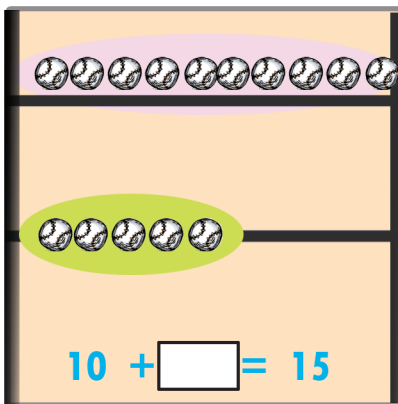
## Gocha – 8

Mana kurnanii Mana tokkee



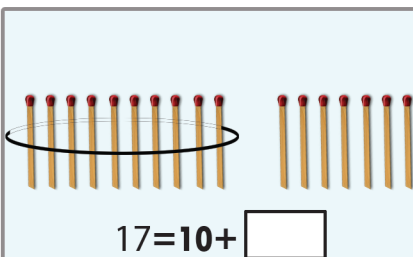
$$14 = 10 + \square$$

	Mana kurnanii	Mana tokkee
14	?	?



$$10 + \square = 15$$

	Mana kurnanii	Mana tokkee
15	?	?



$$17 = 10 + \square$$

	Mana kurnanii	Mana tokkee
17	?	?

## Gilgaala – 12

$$11 = 10 + \square$$

$$12 = 10 + \square$$

$$17 = 10 + \square$$

$$16 = 10 + \square$$

$$10 = 10 + \square$$

$$19 = 10 + \square$$

$$15 = 10 + \square$$

$$13 = 10 + \square$$

$$14 = 10 + \square$$

$$20 = 10 + \square$$

Gocha – 8 Mana kurnanii fi mana tokkee lakkoofsa kennamee barreessuu

Gilgaala 12 Lakkoofsa kenname Ida'ama 10 fi lakkoofsa kan biraa gochuun barreessuu.

# Boqonnaa 4


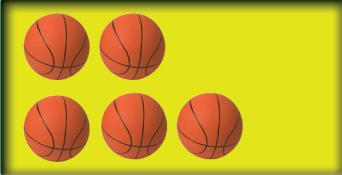
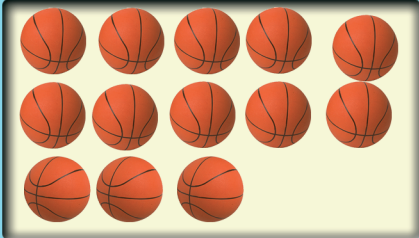


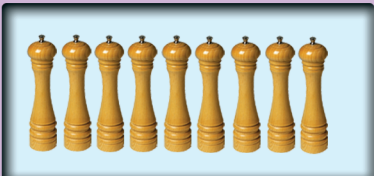
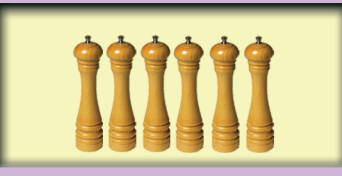


IDA'UU FI HIR'ISUU  
KAMMA 20TTI

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

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

## 4.1 Lakoofsota Hamma 20tti Ida'uu

### Gocha – 1

		
$8 + 5 = 13$		
		$?$
$12 + 5 = \square$		
		$?$
$9 + 6 = \square$		
		$?$
$7 + 3 = \square$		

Gocha – 1 Akka fakkeenyaan kennametti bakka duwaa Irratti ida'ama isaanii barreessuu.

**Gocha - 2**

$7+6=13$

$5+12=$

$8+9 =$

$4+8 =$

**Gilgaala - 1**

$3 + 7 =$

$8+3=$

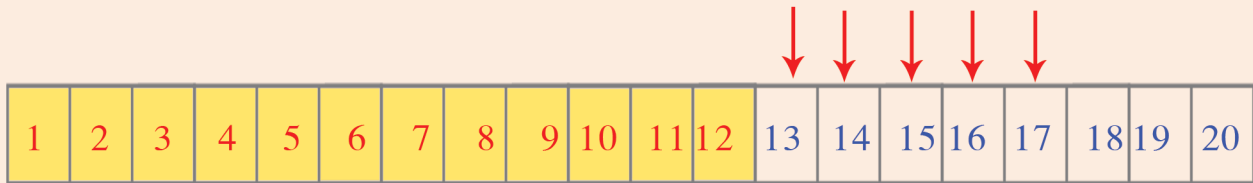
$14 + 2 =$

$4+8=$

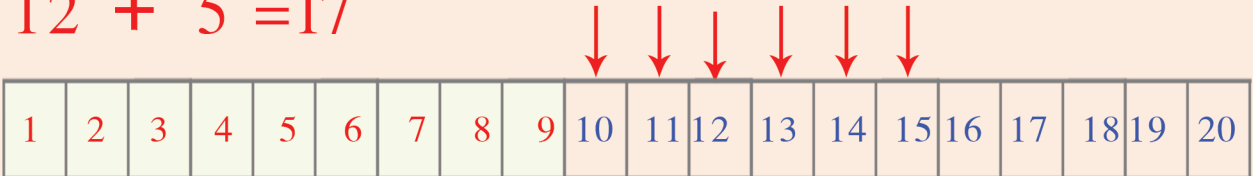
**Gocha - 2** Fakkiiwwan lakkaa'uun ida'ama isaanii argachuu.

**Gilgaala - 1** Ida'ama isaanii bakka duwwaa Irratti barreessuu.

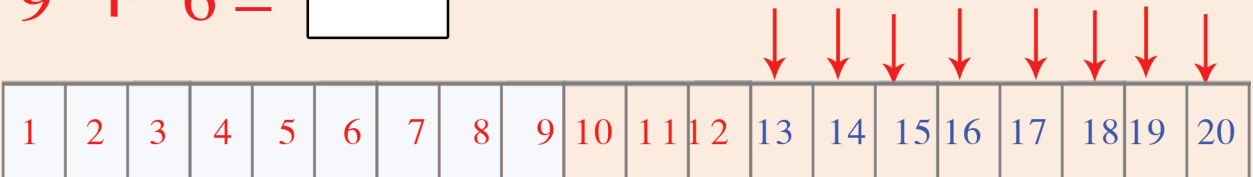
**Gilgaala - 2**



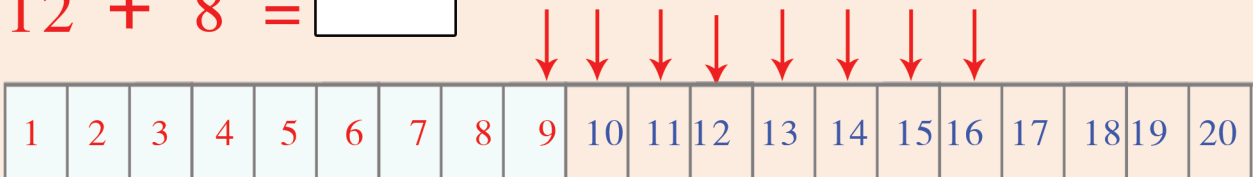
$$12 + 5 = 17$$



$$9 + 6 = \square$$



$$12 + 8 = \square$$



$$8 + 8 = \square$$

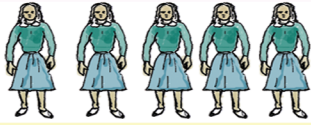
**Gilgaala - 3**

$\begin{array}{r} 7 \\ + 3 \\ \hline 10 \end{array}$		$\begin{array}{r} 5 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 5 \\ \hline \end{array}$
$\begin{array}{r} 8 \\ + 5 \\ \hline \end{array}$		$\begin{array}{r} 6 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 7 \\ \hline \end{array}$

**Gilgaala - 2:** Lakkoofsa isa guddaa Irraa jalqabuun ida'ama isaanii argachuu.

**Gilgaala - 3:** Sararootatti fayyadamuun ida'ama lakkoofsotaa argachuu.

**Gilgaala - 4**



$$5 = 2 + 3$$

$$5 = 1 + 4$$

$$5 = 3 + \square$$

$$5 = 0 + \square$$

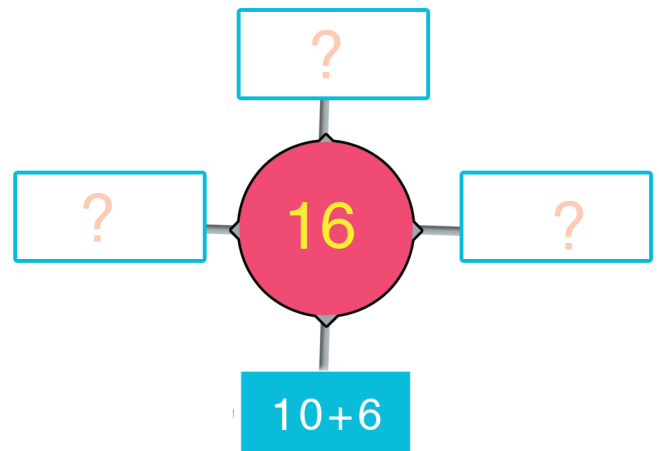
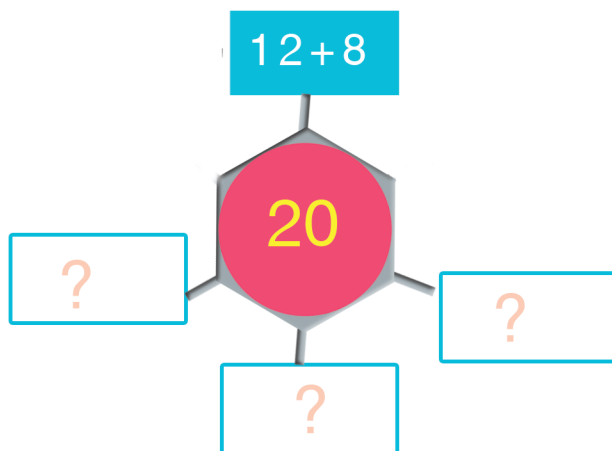
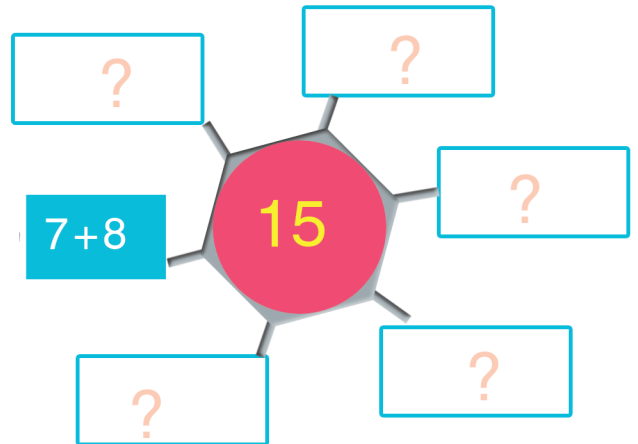
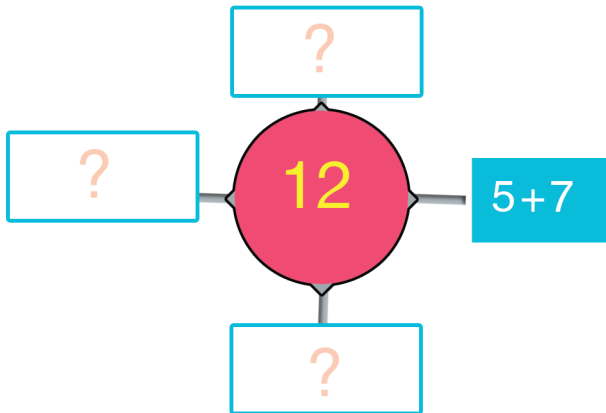
$$9 = 3 + 6$$

$$9 = \square + \square$$

$$9 = \square + \square$$

$$9 = \square + \square$$

**Gilgaala - 5**



**Gilgaala - 4** Lakkoofsota ida'amtootaan diddiriirsuu.

**Gilgaala - 5** Fakkeenya kenname Irratti hundaa'uun bakka mallatto gaaffii lakkoofsaa guutuu.

Gocha - 3



10

10 + 0

8 +

6 +

5 +

+ 3



8

2 + 6

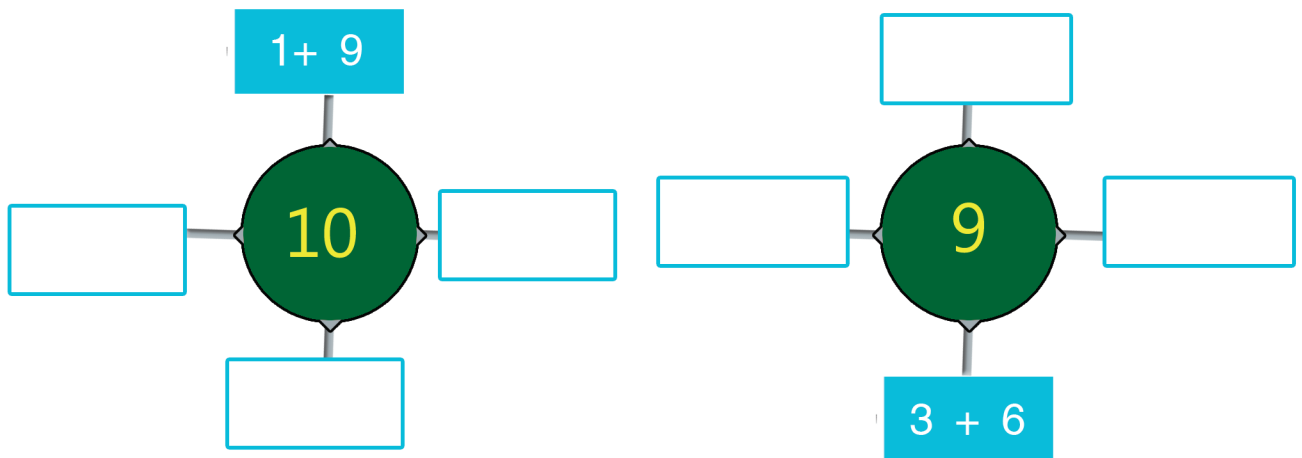
7 +

4 +

3 +

+ 5

Gocha - 4



Gocha - 3 Furtuu bakka lamatti qooduun ida'amtoota 10 akkasumas kubbaalee akka lammatti qooduun ida'amtootaa 8ti argachuu.

Gocha - 4 Bakka duwwaa fakkii miila orbobbessaa (sarariiti) fakkeenya Irratti



Gocha 5

$0+8$     $8+1$     $9+0$   
 $5-4$     $4+5$     $6+2$   
 $4+6$     $3+6$     $1+8$

9

9

Gilgaala - 6

$15$	$12$	$10$	$13$
$+ 3$	$+ 4$	$+ 1$	$+ 1$
—	—	—	—

Gocha - 5: Ida'amtoota 9 argachuu, lakkoofsota argatani barrattoota daree keessaatti himuu.

Gilgaala - 6 Iraa rgadee ida'uun barreessuu.

$$\begin{array}{r} 13 \\ + 4 \\ \hline \end{array}$$

Mana tokkee
3
4
7

Mana kurnanii	Mana tokkee
1	3
	4
1	7

**Gilgaala - 7**

Mana kurnanii	Mana tokkee
1	5
	3

Mana kurnanii	Mana tokkee
1	2
	7

Mana kurnanii	Mana tokkee
1	5
	3

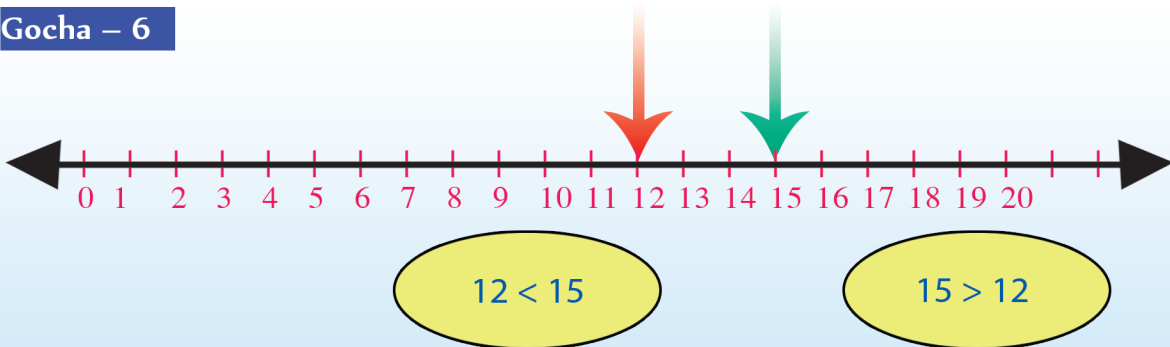
**Gilgaala - 8**

12	13	11	10
+ 7	+ 6	+ 8	+ 10
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Gilgaala - 7** Mana tokkee fi mana kurnanii lakkoofsotaa addaan baasuun irra gadee ida'uu.

**Gilgaala - 8** Irraa-gadee ida'uu

**Gocha – 6**



$15 > 12$   
 $10+5 > 10+2$   
 $5 > 2$

$13 < 15$   
 $10+3 < 10+5$   
 $3 < 5$

**Gilgaala – 9**



15  12

16  11

9  11

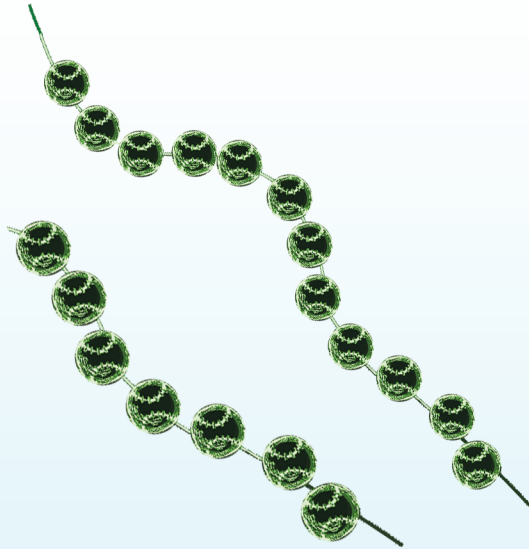
12  8

**Gocha – 6** Lakkoofsota yoo waliin madaallu, inni xiqqaan isaa guddaa iraa gara kamitti akka argamu dubbachuu.

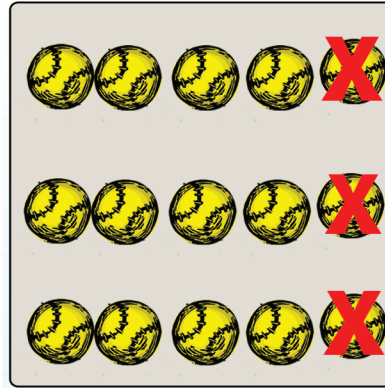
**Gilgaala – 9** Mallattoolee  $<$  ,  $>$  fi  $=$  saanduqa duwwaa keessatti barreessuun himoota dhugoomsuu.

### 4.2 Lakkoofsota Hamma 20tti Jiran hir'isuu

**Gocha - 7**



$$12 - 5 = \boxed{7}$$



$$15 - 3 = \boxed{\phantom{00}}$$



$$11 - 5 = \boxed{\phantom{00}}$$

Fakkeenya  $18 - 5 =$  

**Gilgaala - 10:**

$12 - 3 = \boxed{\phantom{00}}$

$18 - 11 = \boxed{\phantom{00}}$

$19 - 5 = \boxed{\phantom{00}}$

$17 - 5 = \boxed{\phantom{00}}$

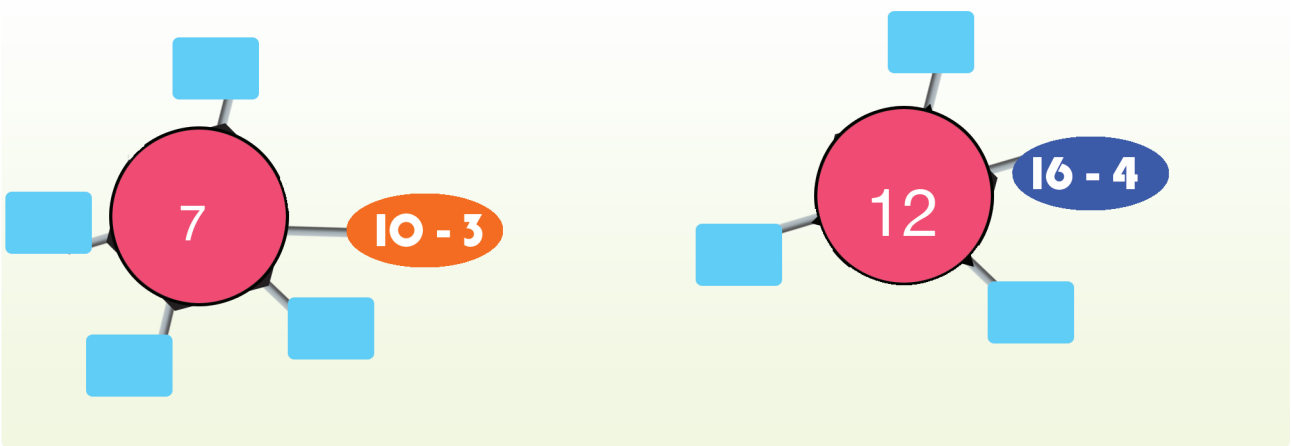
$20 - 10 = \boxed{\phantom{00}}$

$17 - 8 = \boxed{\phantom{00}}$

**Gocha - 7** Fakkiiwwaniin hir'isuu

**Gilgaala - 10** wantoota naannootti argamanitti gargaaramuun hir'isuu.

**Gocha – 8**



**Gilgaala – 11**

5	12 - 7	8 - 3	9 - 4
7			
13			16 - 3
8	10 - 2		
11			16 - 5

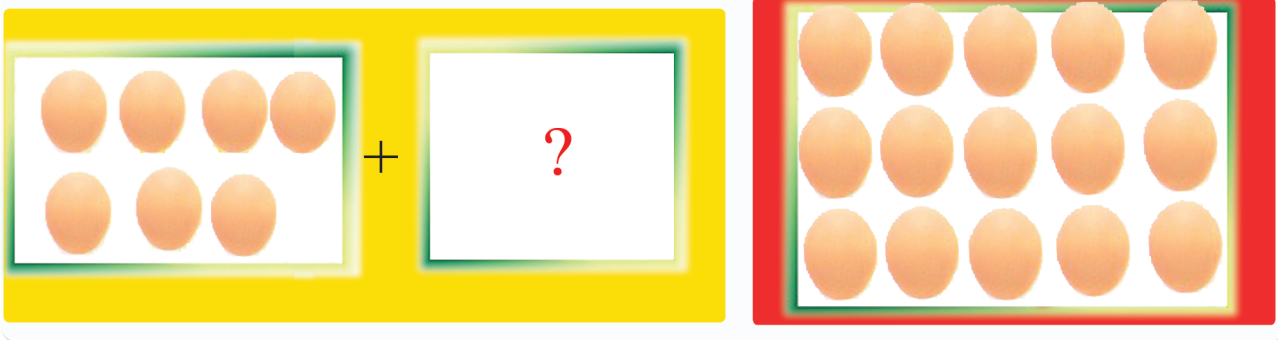
**Gocha – 8** Akka fakkeenga kennameetti saanduqa duwwaa guutuu

**Gilgaala – 11** Lakkoofsota gara bitaa jiran, calmaa lakkoofsota lamaa gochuun bakka duwwaa guutuu.

4.3 Piroobileemota Ida'uu fi Hir'isuu

Gilgaala – 12

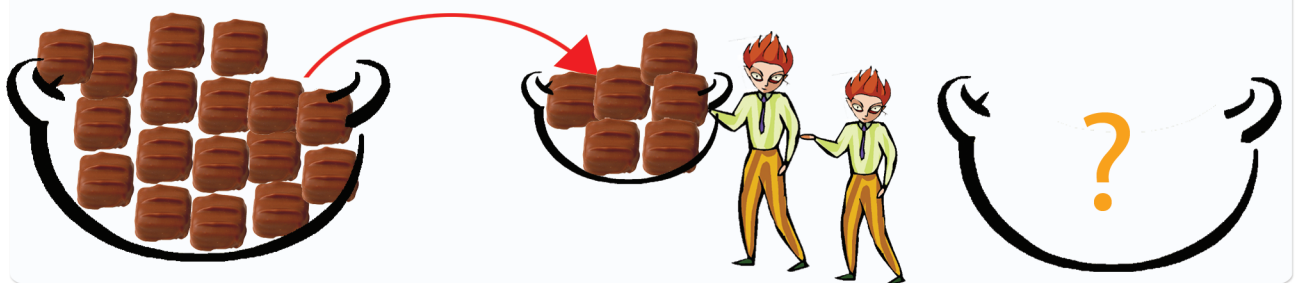
Boonaan buuphaa 7 qaba Yoo meeqa bitee 15 ta'aafi



Guuboo keessa muuzii 16 jira, yoo meeqa hir'ate 9 hafa



karamella 17 qaba, 6 hiriyoota koof yoon kennu meeqatu naof haf

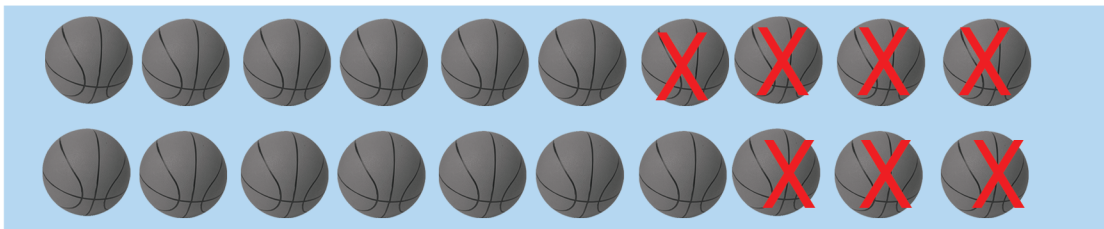
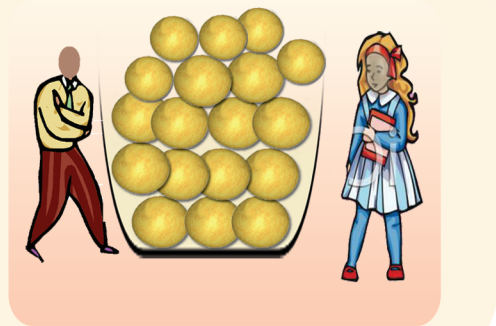
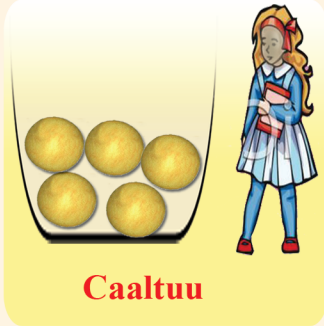
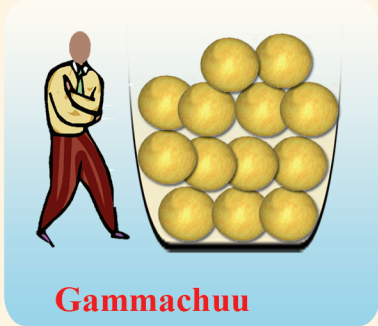


Lakkoofsa tokko yaada kooti qabadheera 3 yoo irraa tu hir'atu 12tu hafa; Lakkoofsi ani qabadhe meeqaa



Gilgaala – 12: Piroobiemota jechaa furuu fi hima wal qixaa uumuu.

**Gilgaala – 13**



**Gilgaala – 13:** Piroobleemota jechaa uumuu fi hima walqixaa 'uumuu.

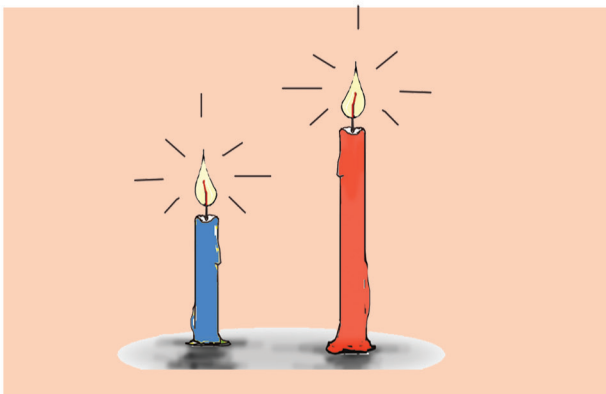
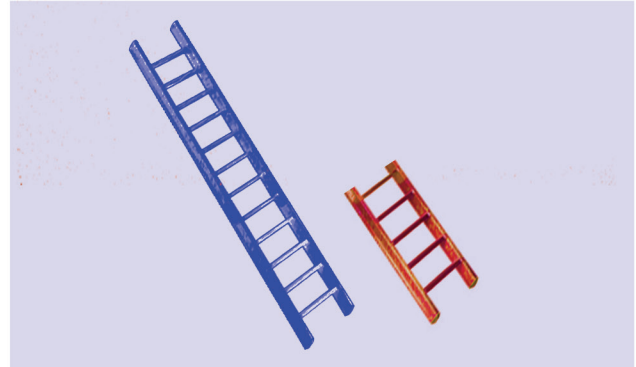
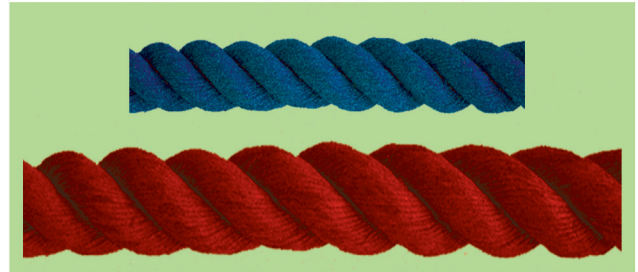
# Boqonnaa 5

## YUUNIITOTA AADAATIIN SAFARUU



### 5.1 Safara Dheerinaa

#### Gohca – 1

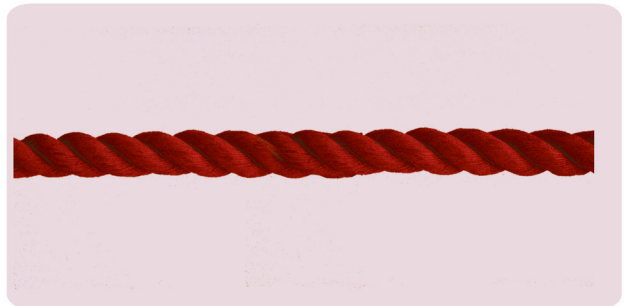
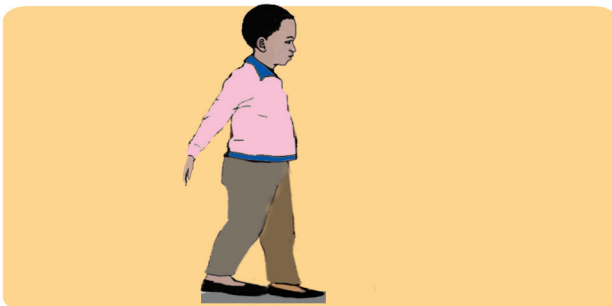
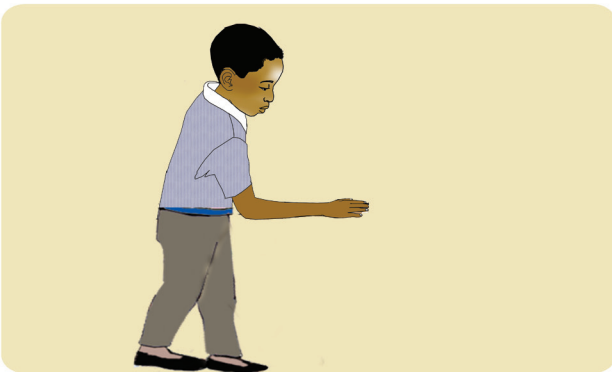
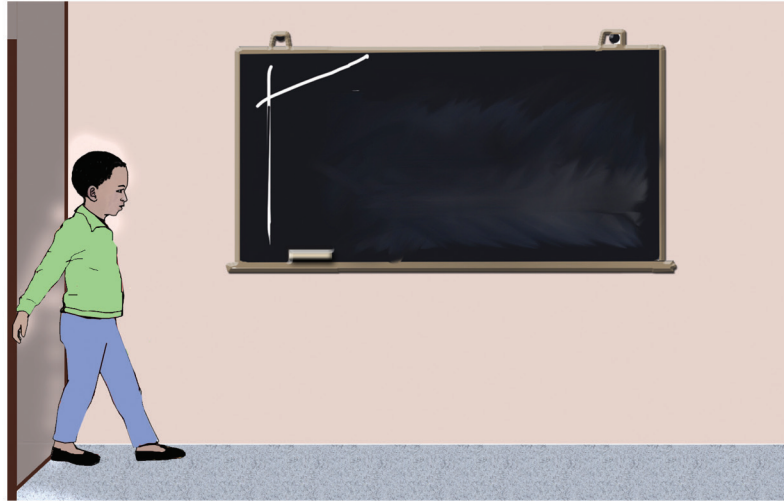


**Gocha – 1** Fakkiiwwan ilaaluun gabaabaa fi dheeraa jechuun addaan baasuu.





Gocha – 2



Gocha – 2 Wantootaa naannoo keenyatti argaman tarkaanfiin, taakkuun, dhundhuaman, faanaa fi funyoon safaruu shaakaluu.



## 5.2 Qabee Dhangala'aa Safaruu

### Gocha – 3



### Gocha – 4

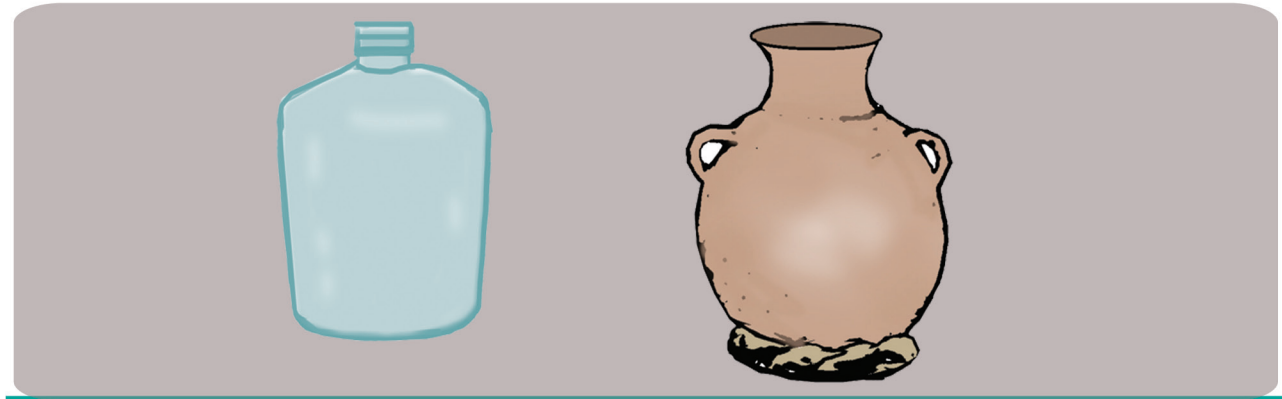
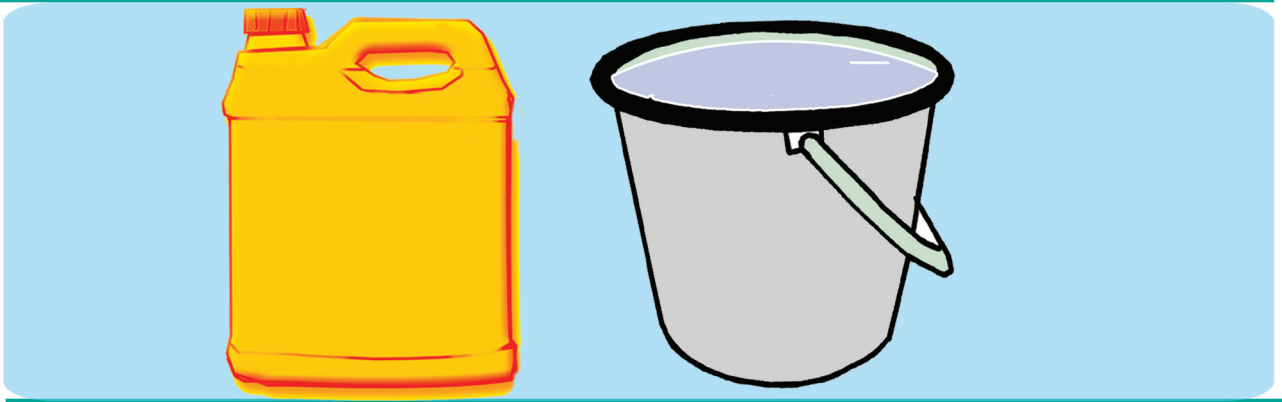
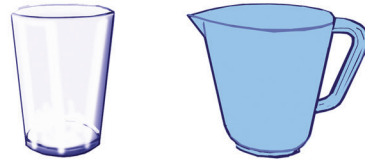


**Gocha – 3** Jechoota guutuu, hir'uu fi duwwaatti dhimma ba'uu.

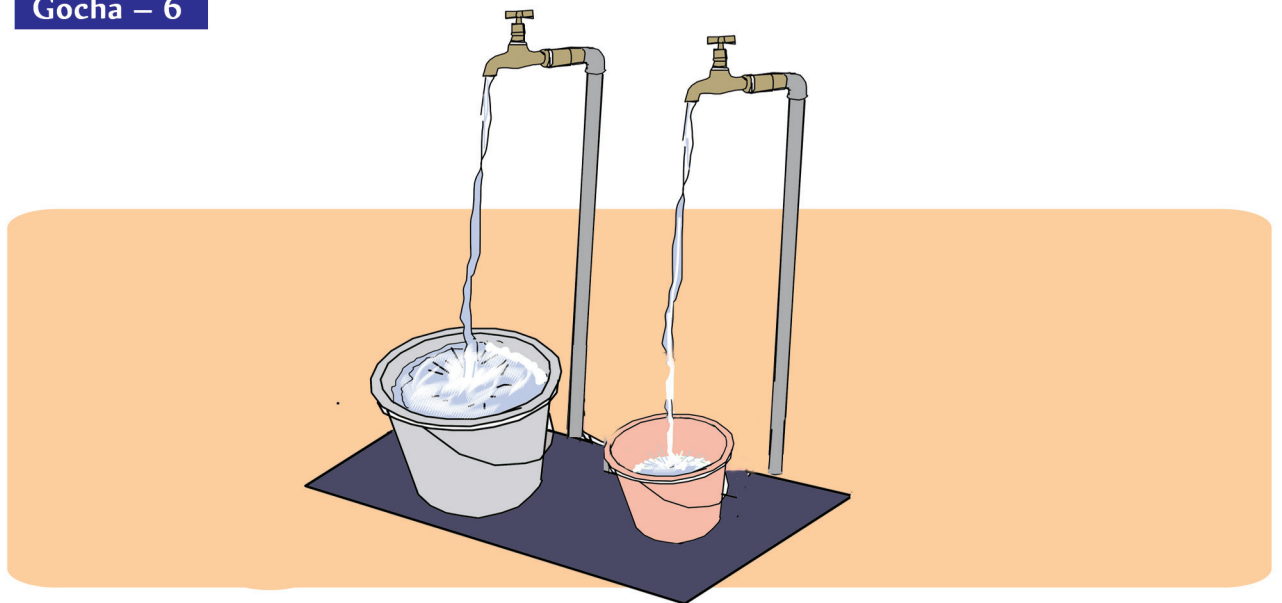
**Gocha – 4** Kubbaayyaa ykn xaasaatiin sataruun baaldiin ykn jarikaanni kubaayya ykn joogii meeqa akka ta'u safaruu. Qabee baaldii fi jarikanaa waliin madaaluu.



### Gocha – 5



### Gocha – 6



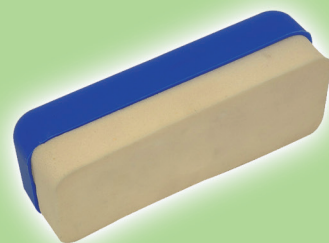
**Gocha – 5** Meeshaalee wal cinaa jiran keessaa inni kam dhangala'aa irraa caalaa akka qabatu himuu.

**Gocha – 6** Ujummoo walfakkaatan lamatti fayyadamuun kamtu dafee guuta?



## 5.3 Hanga safaruu

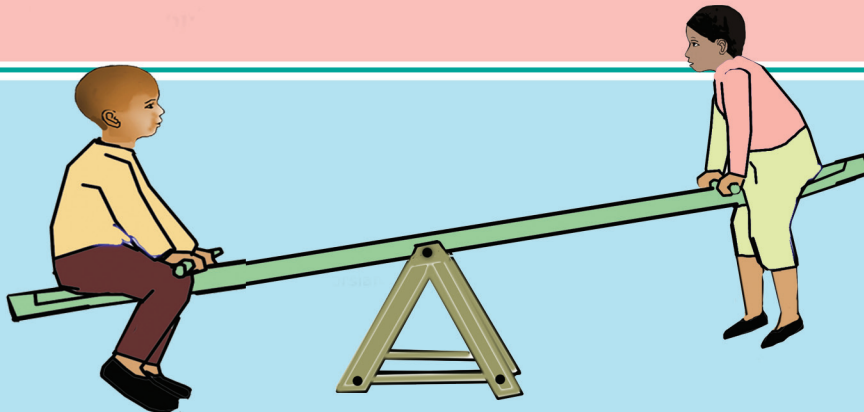
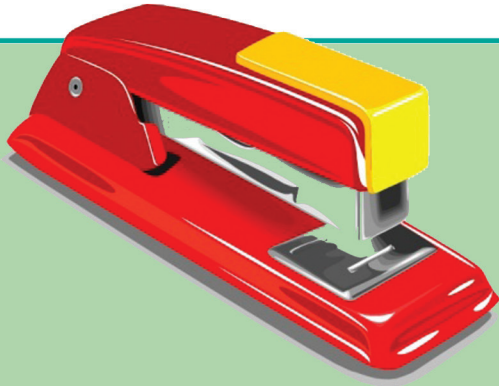
Gocha – 7



Gocha – 7 Hanga meeshaalee wal cinaa jiranii waliin madaaluu.



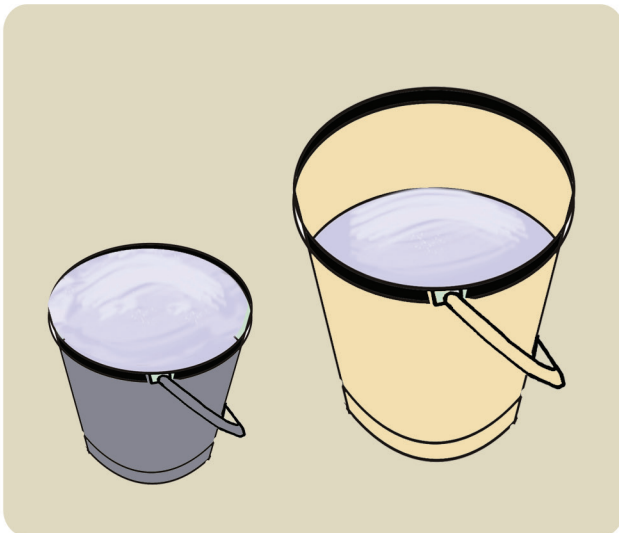
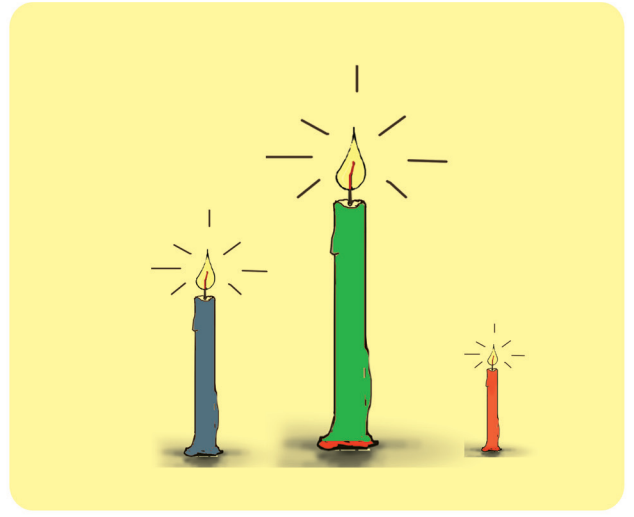
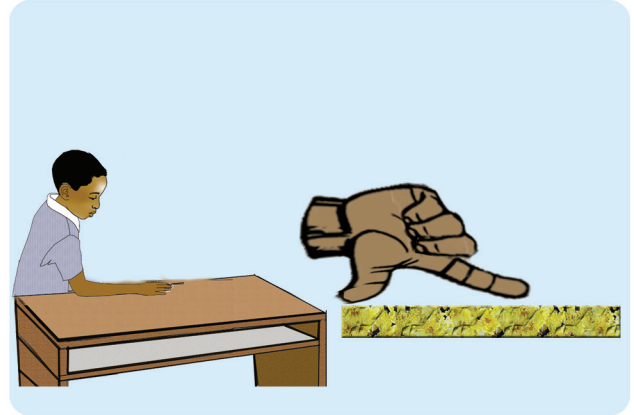
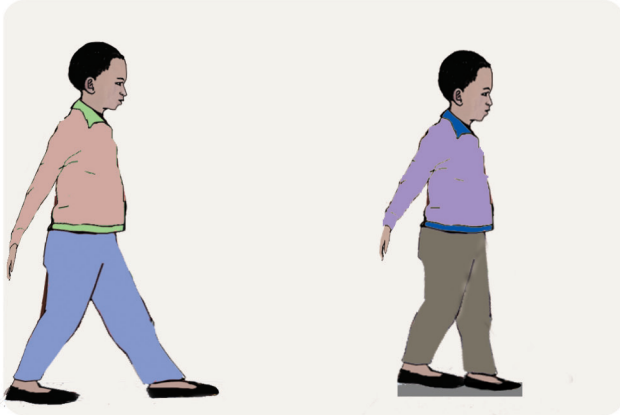
Gocha – 8



Gocha – 8 Hanga wantoota wal cina jirani waliin madaaluu



## Gilgala – 1



### Gilgala – 1 Safartuu adda addaa Irratti mari'achuu

- Fakkii isa dheeraa addaan baasuu
- Baaldiin joogii meeqa qabata?
- kamtu irra ulfaata?

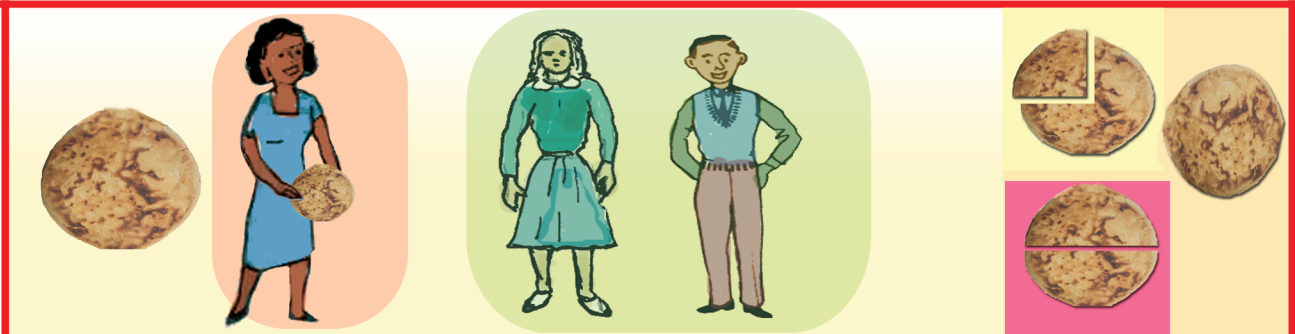
# Boqonnaa 6

## SEENSA FIRAAKSHINOOTAA

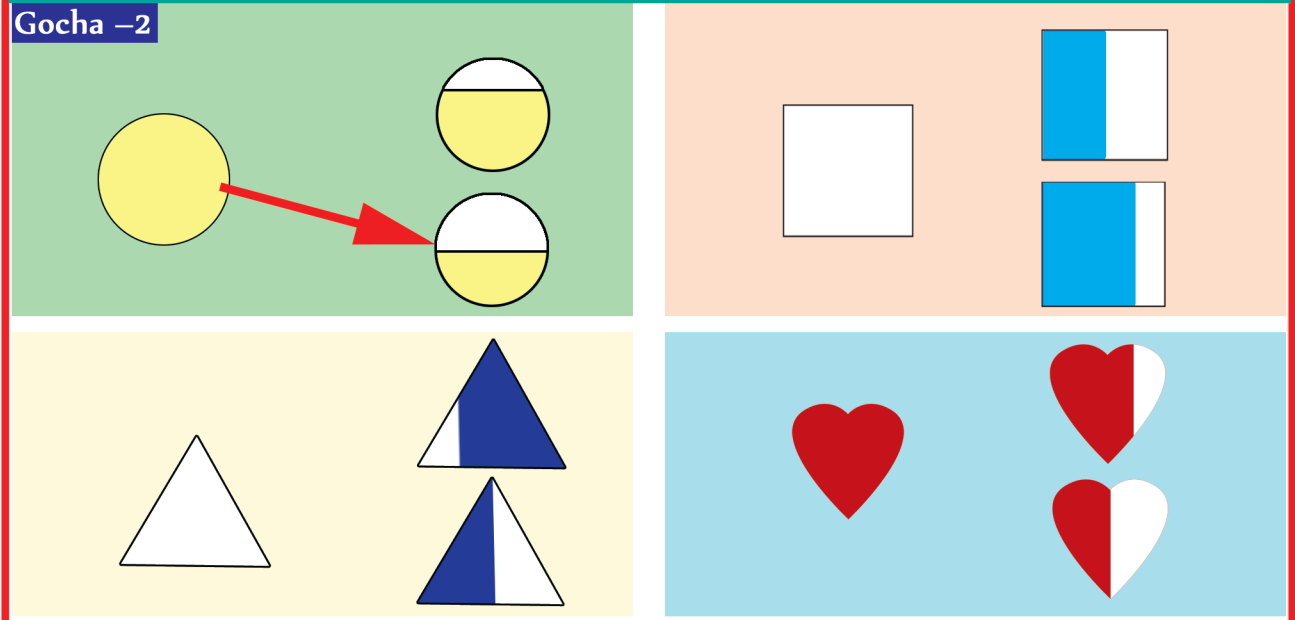


### 6.1 Walakkaawwan

#### Gocha – 1



#### Gocha – 2



**Gohca – 1** Daabboo tokko ijoollee lamaaf hiruudhaaf isa kamtu lamaanuu gammachiisa?

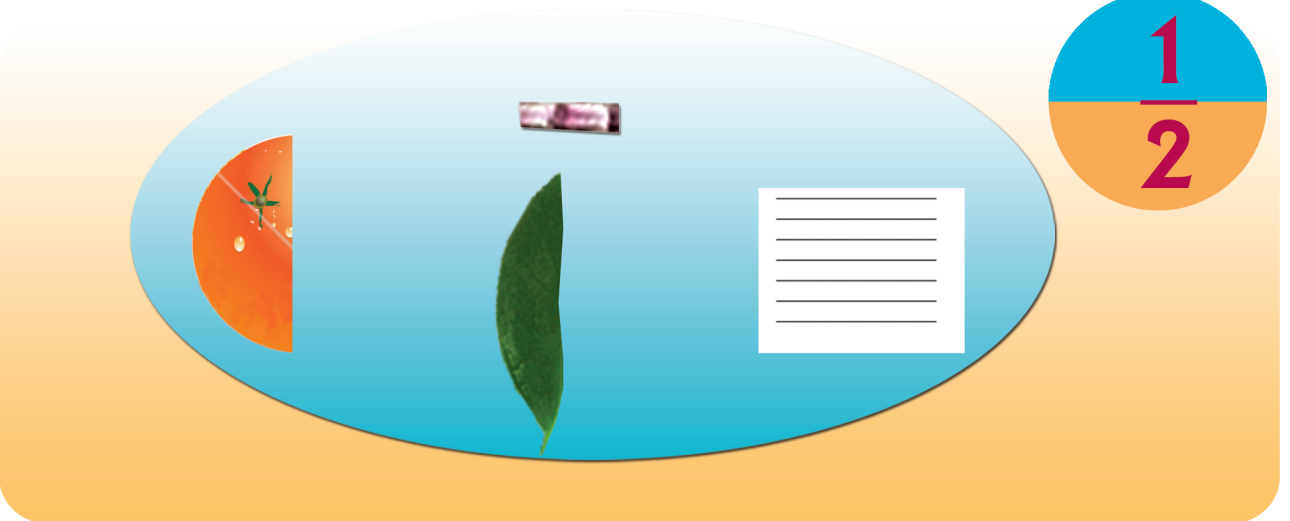
**Gohca – 2** Walakkaa fakkii gara bitaa jiruu xiyyaan agarsiisuu.



### Gilgaala – 1



### Gocha – 3



**Shaakala – 1** Walakkaa fakkii kennamee fakkeessuun halluu dibuun  $\frac{1}{2}$  jechuun barreessuu.

**Gocha – 3** Wantoota naannootti argaman kanneen akka birtukaanaafi, baalaa walakkaa isaanii mul'isuu.

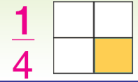




1



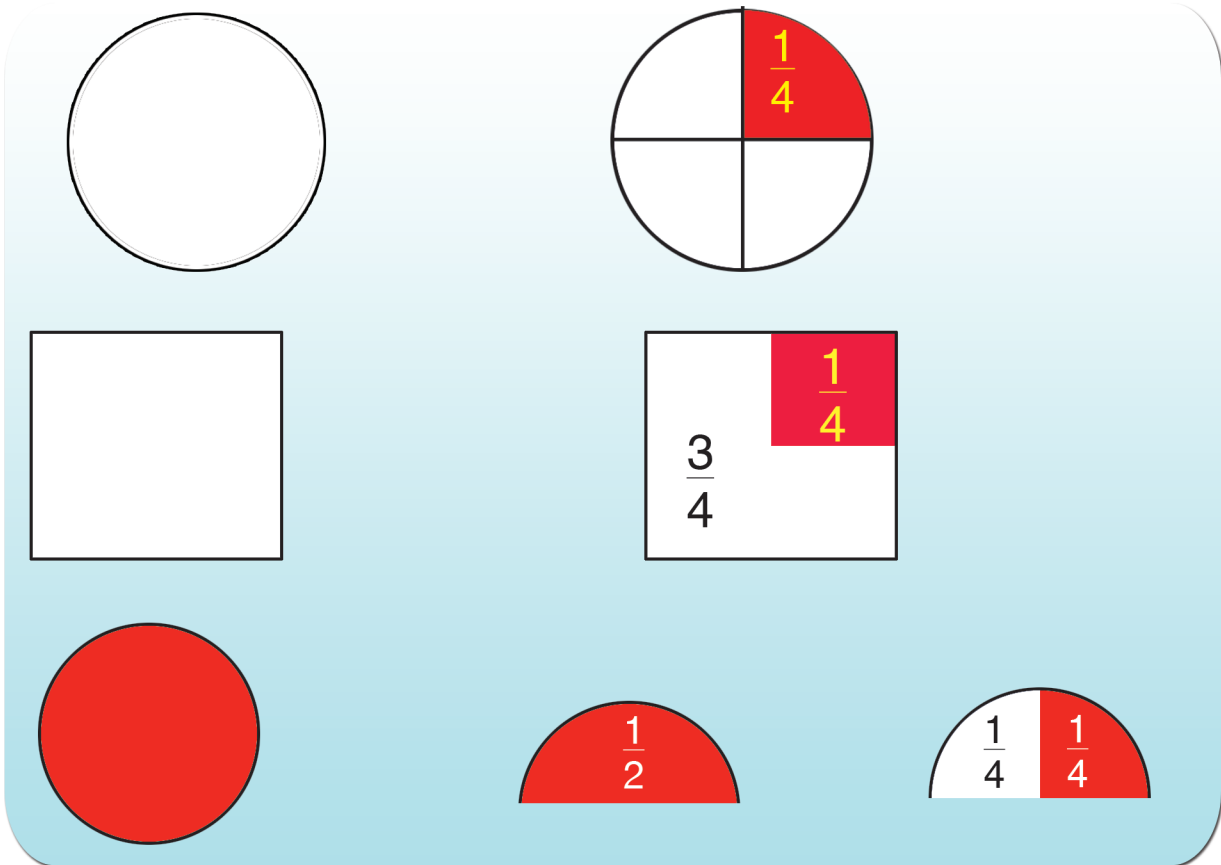
$\frac{1}{2}$



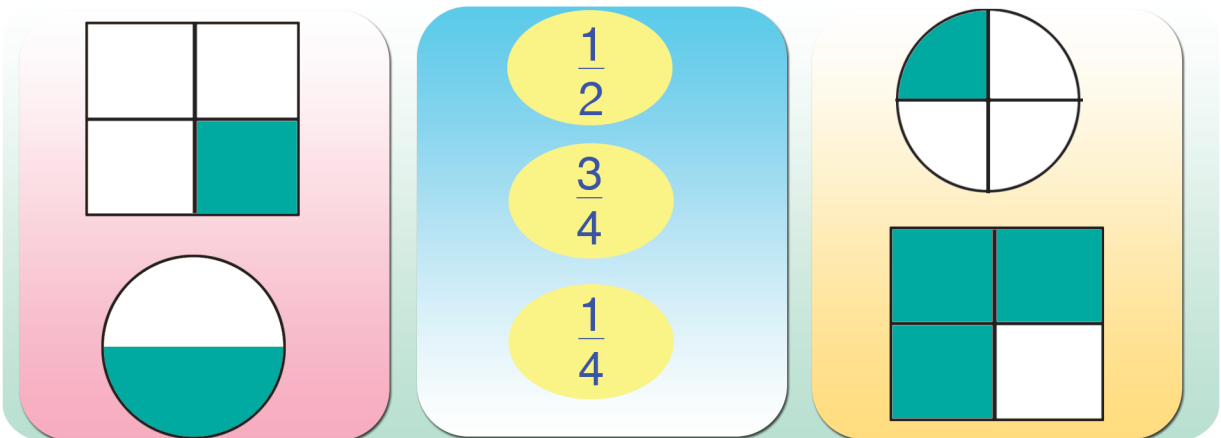
$\frac{1}{4}$

## 6.2 Kurmaanota

### Gocha – 4



### Gilgaala– 2



**Gocha – 4** Wantoota kan akka rogarfee, geengoo fakkaatan bakka afuritti qooduun kurmaana ( $\frac{1}{2}$ ) jedhanii waamuu.

**Gilgaala – 2** Kan halluu dibame  $\frac{1}{2}$ ,  $\frac{1}{4}$  ykn  $\frac{3}{4}$  wajjin firoomsuu (xiyyaan haa fayyadamnu)



1



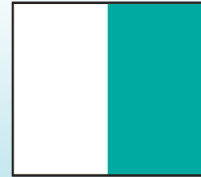
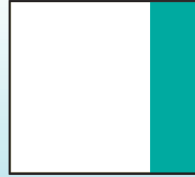
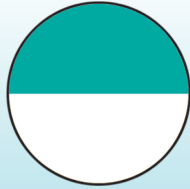
$\frac{1}{2}$



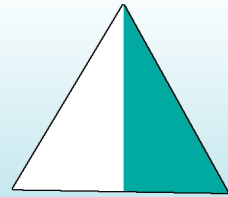
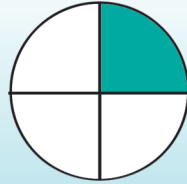
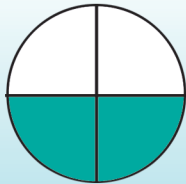
$\frac{1}{4}$

### Gilgaala – 3

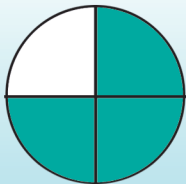
$\frac{1}{2}$



$\frac{1}{4}$



$\frac{3}{4}$



### Gilgaala– 4

$\frac{1}{2}$



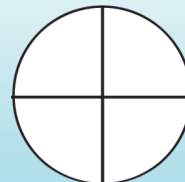
$\frac{3}{4}$



$\frac{1}{4}$



$\frac{1}{4}$



**Gilgaala– 3** Danaa maqaa firaakshinii lakkoofsaan kenname ibsu filahcuu

**Gilgaala – 4** Halluu dibuun firaakshinii kenname mul'isuu.

# Boqonnaa 7

LAKKOOF SOTA HUNDAA  
HAMMA 20TII LAMAAN  
BAAY'ISUU FI LAMAAF HIRUU

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

X ÷

## 7.1 Lakkoofsota Hundaa hamma 20tti jiran Lamaan Baay'isuu

Gocha – 1



$$2 \times 3 = 6$$



$$? \times ? = 4$$

'X' kun mallattoo baay'isuu ti.

Gocha – 1 Garee barattoota shamarran sadii qabu lama ijaaruun daree fuulduratti baasuun 2n baay'isuu barsiisuu.

Gocha – 2 Hojii garee

4 + 4 = 8

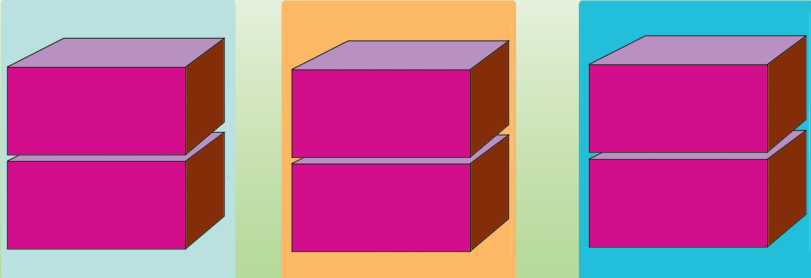
2 x 4 = 8

5 + 5 = 10

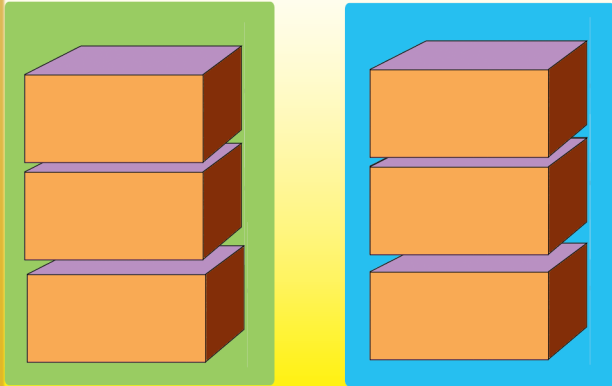
2 x 5 = 10

Gocha – 2 Lakkoofsa meeqa 2n yoo baayifnu 8 akka argannu xiinxaluu. Hariiroo  $5 + 5 = 10$  fi  $2 \times 5 = 10$  hubachuu.

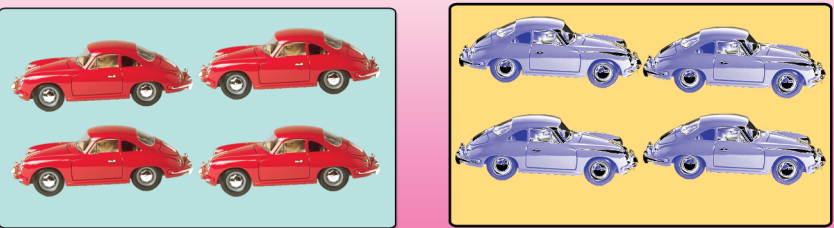
**Gilgaala - 1**



$2 + 2 + 2 = 6$   
 $\boxed{?} \times 2 = 6$




$3 + 3 = 6$   
 $\boxed{?} \times \boxed{?} = 6$



$\boxed{?} \times \boxed{?} = \boxed{?}$

**Gilgaala - 1** Danaalee kennaman lakkaa'uun bakka duwaa Irratti baay'ina isaanii guutuu.


Gocha – 3



Cirrachal si'a 2 =

1 + 1 =


2 x 1 =



Cirrachoota si'a 2 =

3 + 3 =

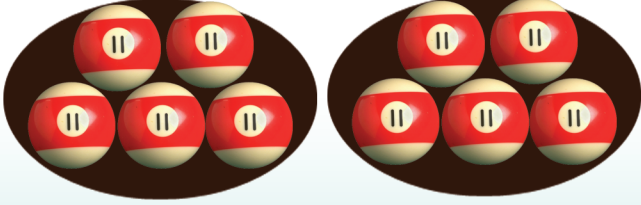
2 x 3 =



cirrachoota 2 si'a 2 =

2 + 2 =

2 x 2 =



cirrachota 5 si'a 2 =

+  =

x  =

2 + 1 =

2 x 2 =

2 x 5 =

Gocha – 3 Bakka duwaa lakkoofsa sirii ta'een guutuu.

**Gilgala 2**

baay'isaa   baay'ataa   baay'ifaamaa


8 + 8 = 2 X 8 = 16

9 + 9 =  X  =

10 + 10 =  X  =

6 + 6 =  X  =

**Gilgala - 3**

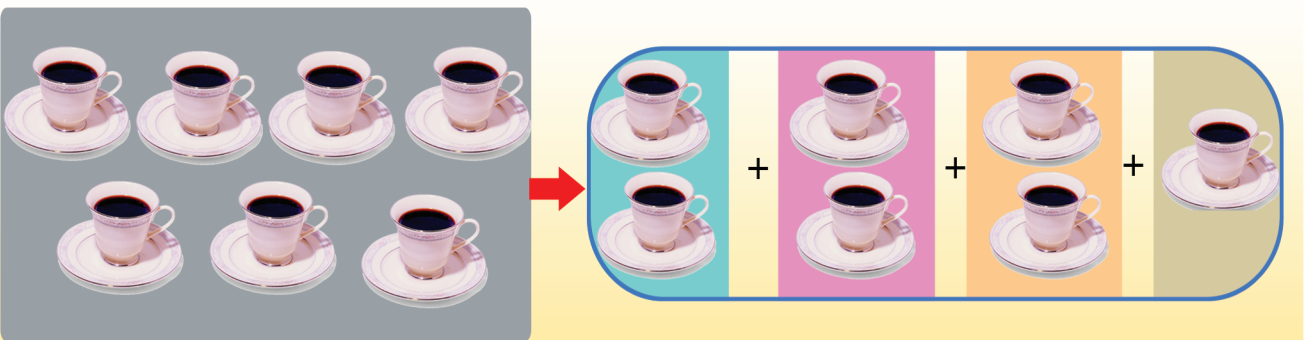
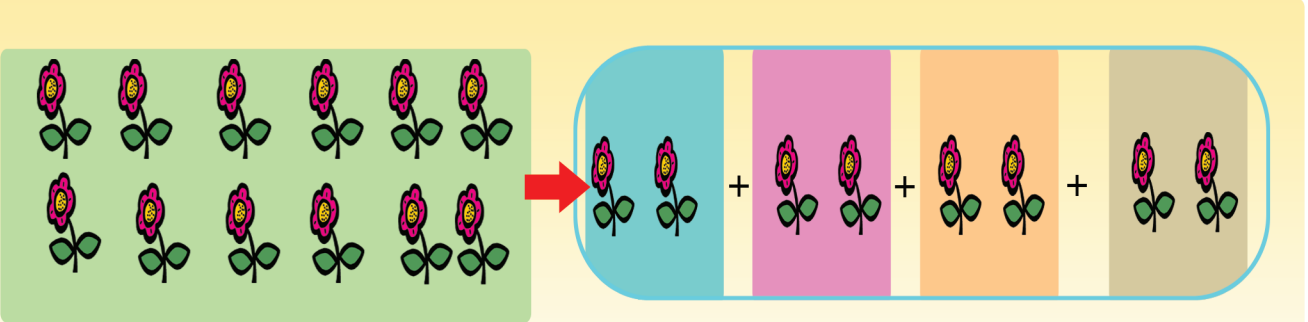
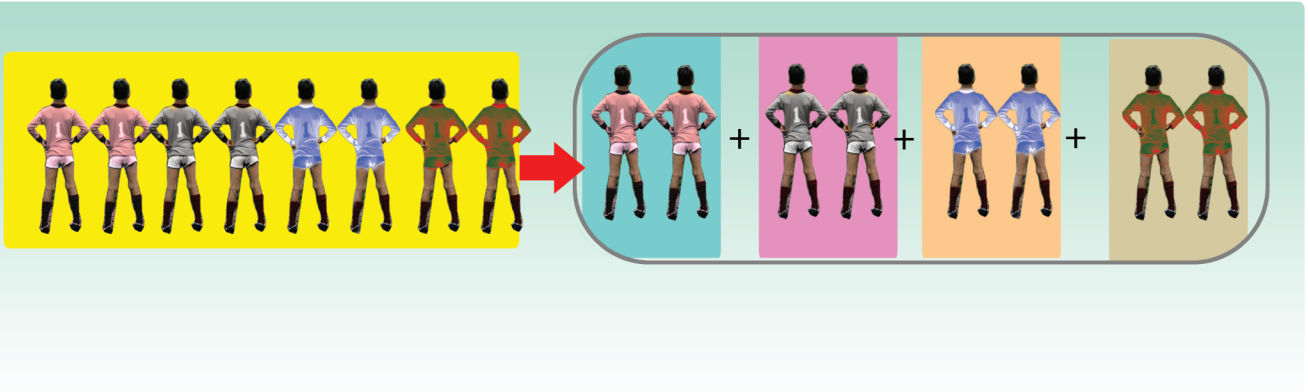


+  =   
 X  =

**Gilgala- 2** Fakkeenya kenname Irratti hundaa'uun ida'uu gara baay'isuutti jijjiiruun baay'isaa, baay'ifaamaa fi baay'ataa bakka duwwaa Irratti guutuu.

**Gilgala- 3** Fakkiiwwan garee garee isaaniitti lakkaa'uun bakka duwwaa guutuu.





Gocha – 4 Hojii garee



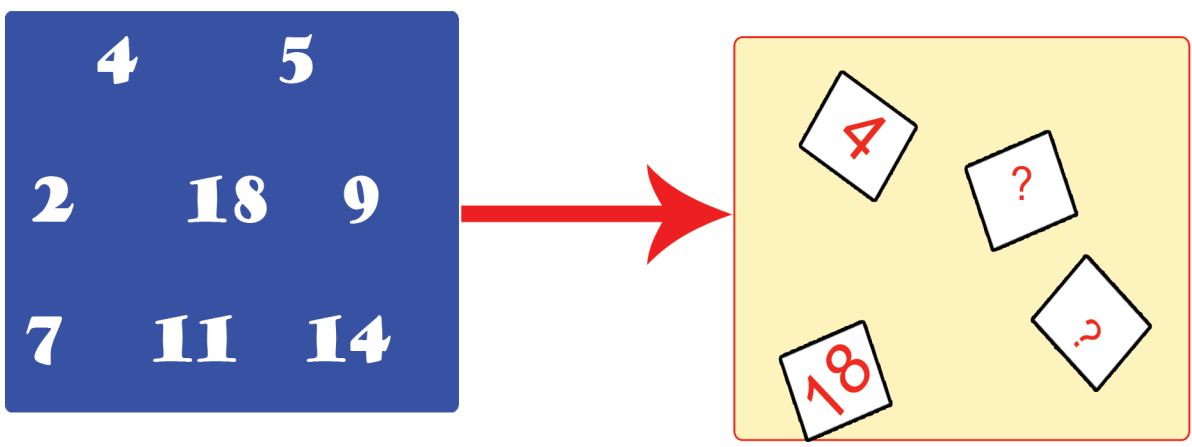
Gocha – 4 Fakkiiwwan kennaman lama lamaan qoodamuu fi dhiisuu isaanii xiinxaluu.



Gocha – 5 Hojii garee

	✓
	✗
	?
	?

Gilgaala – 4



**Gocha – 5** Danaalee kennaman lakkaa’uun lama lamaan (cimdiin) qoodamuu kan danda’an yoo ta’e mallattoov kana, yoo hin taane mallattoo (x) kaa’uun addaan baasuu.

**Gilgaala – 4** Lakkoofsota gara bitaa jiran keessaa kan lama lamaan qoqqoodamuu danda’ani saanduqaa gara mirgaa jiru Irratti barreessuu.

Gocha – 6

$2 \times 3 = 6$

**6**

$3 \times 2 = 6$

**6**

×  =  ×

Gocha – 6 Danaalee kennaman lakkaa'uun hima baay'isuu lakkoofsota dhugoomsaniin bakka duwwaa guutuu.

Gilgala – 5

X  =

X  =

X  =

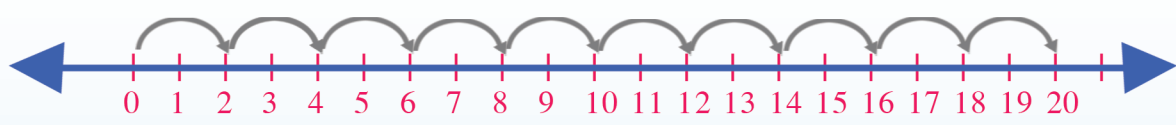
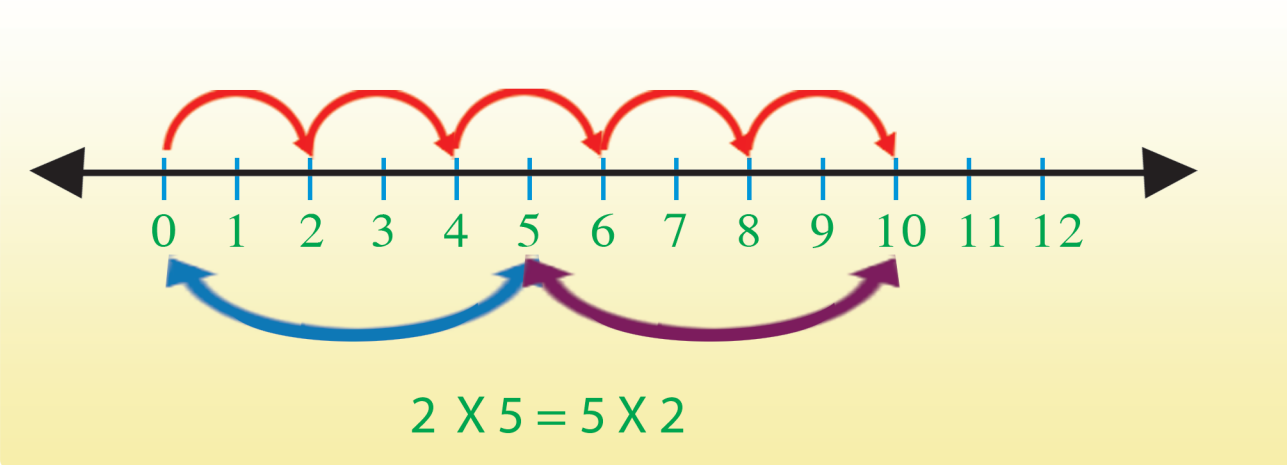
X  =

2 X 3 =  X 2

4 X 2 =  X

Gilgala – 5 Bakka duwaa lakkoofsa sirrii ta'een guutuu.

**Gilgala – 6**



$1 \times 2 = 2$	$6 \times 2 = 12$
$2 \times 2 = 4$	$7 \times 2 = 14$
$3 \times 2 = 6$	$8 \times 2 = 16$
$4 \times 2 = 8$	$9 \times 2 = 18$
$5 \times 2 = 10$	$10 \times 2 = 20$

$8 \times 2 = \square$



$2 \times 10 = \square$



$2 \times 8 = \square$



$10 \times 2 = \square$

**Gilgala – 6** Firii hima baay'isuu barattoonni sagalee ol kaasanii akka dubbisan gochuu  
 - Bakka duwwaa lakkoofsa sirrii ta'een guutuu.

Gilgala - 7



  
 x  =



  
 x  =



  
 x  =

Gilgala - 7 Piroobileemota jechaaf furmaata kennuu.

7.2 Lakkoofsota guutuu hamma 20tti jiran lamaaf hiruu

Gocha – 7

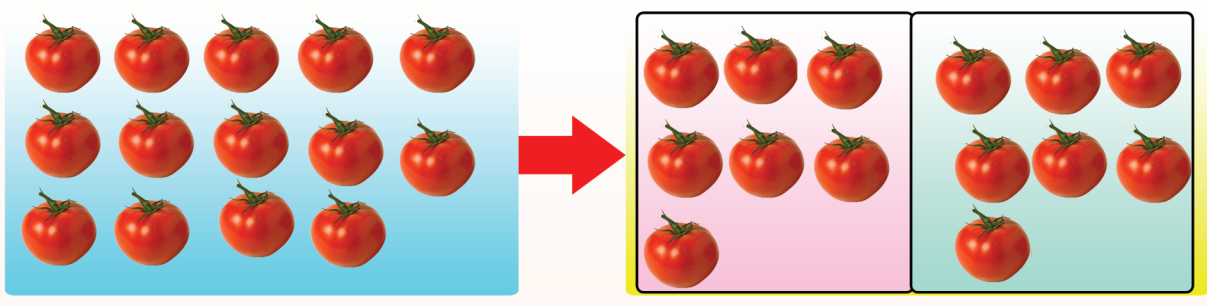
$6 \div 2 = \square$

$8 \div 2 = \square$

$4 \div 2 = \square$

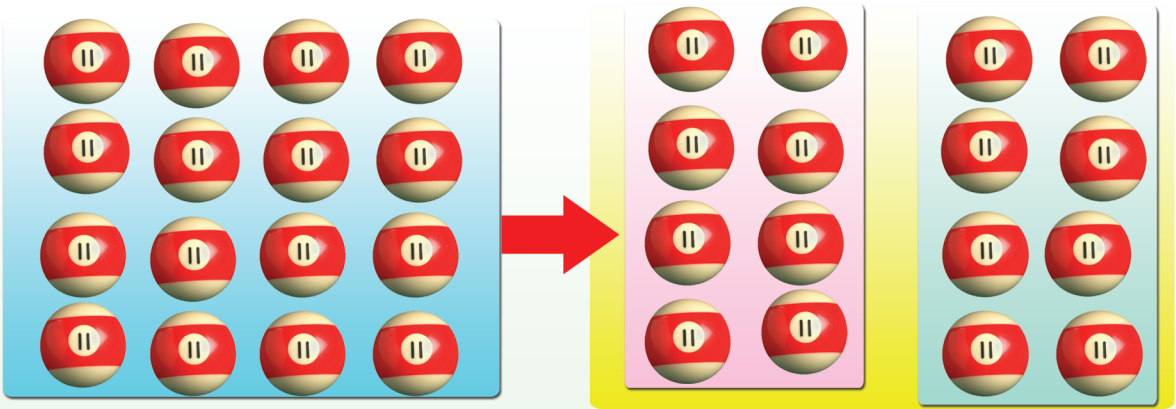
Gocha – 7 Bakka duwwaa guutuu

Gocha – 8

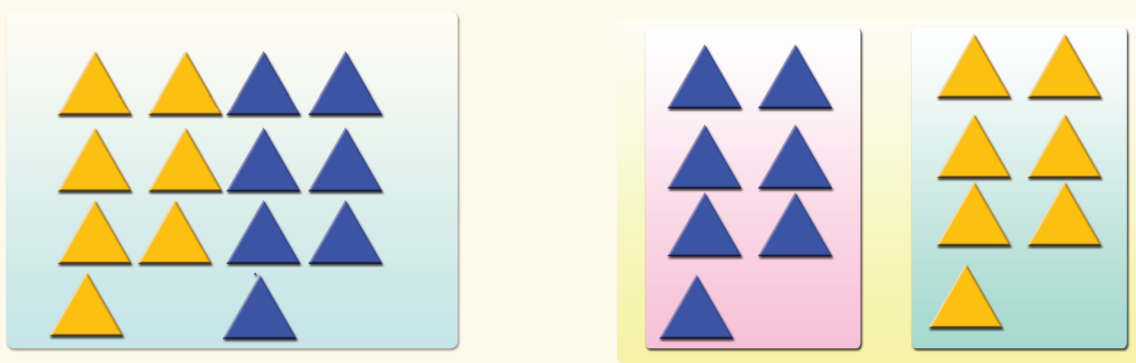


14 ÷ 2 =

Qoodamaa Qoodaa ga'ee



÷  =



÷  =

X  =

Gocha – 8 Danaalee lakkaa'uun lakkoofsa hima kenname dhugoomsu saanduqa keessatti gutuu

**Gilgaala – 8**

$10 \div 2 = \square$

$18 \div 2 = \square$

$20 \div 2 = \square$

$14 \div 2 = \square$

$12 \div 2 = \square$

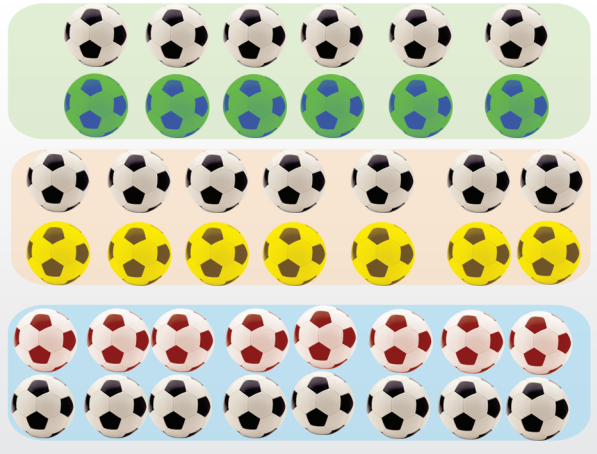
$8 \div 2 = \square$

**Lamaaf hiruu, lamaan baay'isuun ibsuu**

$12 \div 2 = 6$   
 $2 \times 6 = 12$

$14 \div 2 = \square$   
 $2 \times 7 = \square$

$16 \div 2 = \square$   
 $\square \times \square = \square$

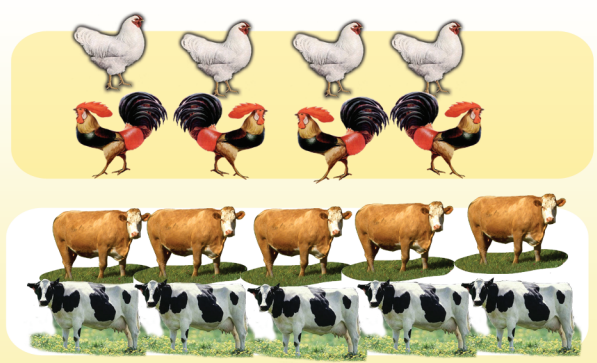


$8 \div 2 = \square$

$4 \times 2 = \square$

$10 \div 2 = \square$

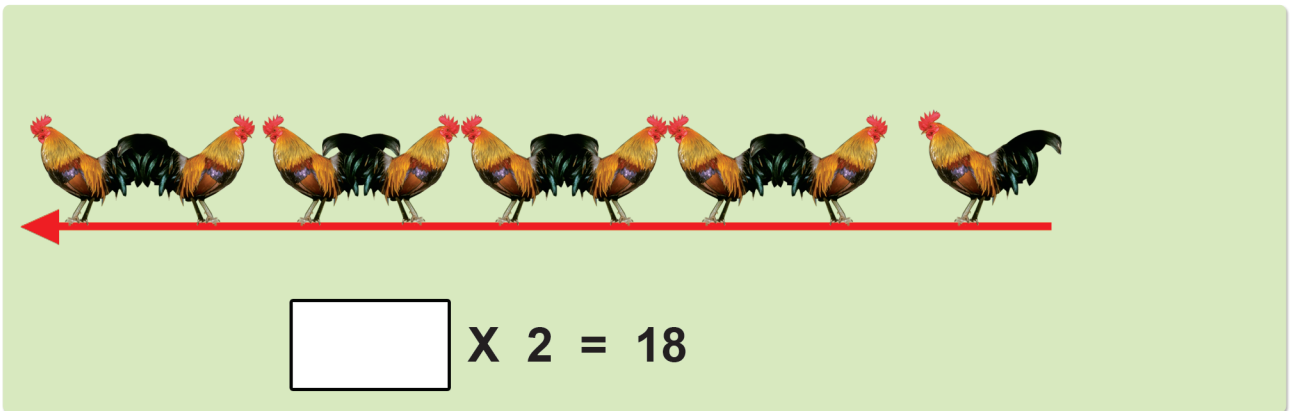
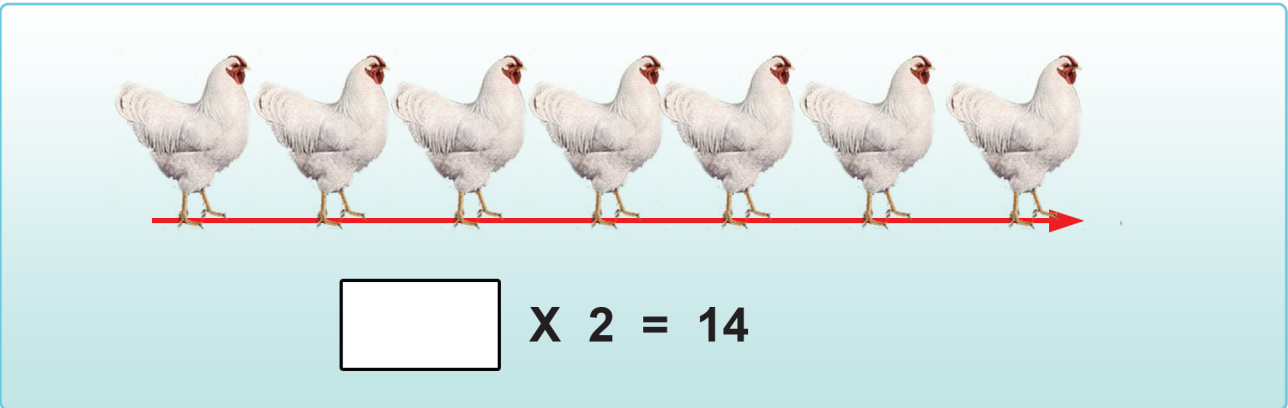
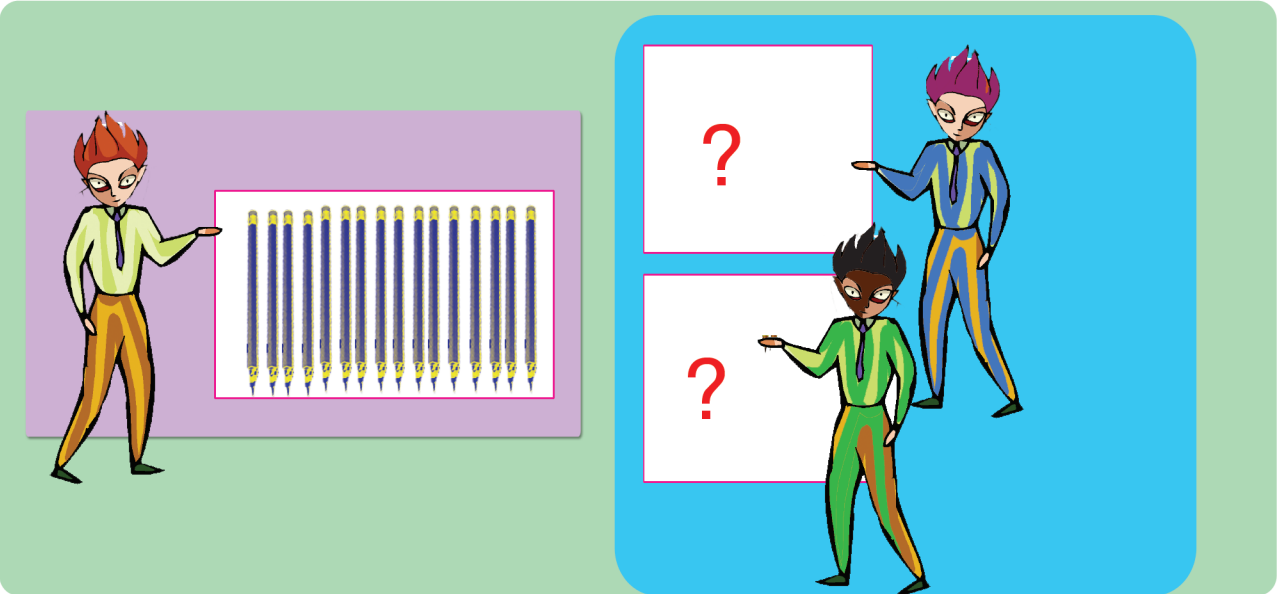
$5 \times 2 = \square$



**Gilgaala – 8** Hima 2f hiruu gara 2n baay'isutti jijjiiruun bakka duwwaa guutuu.



**Gilgala – 9**

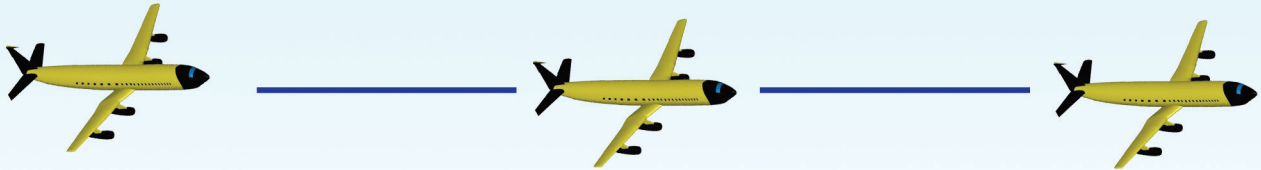
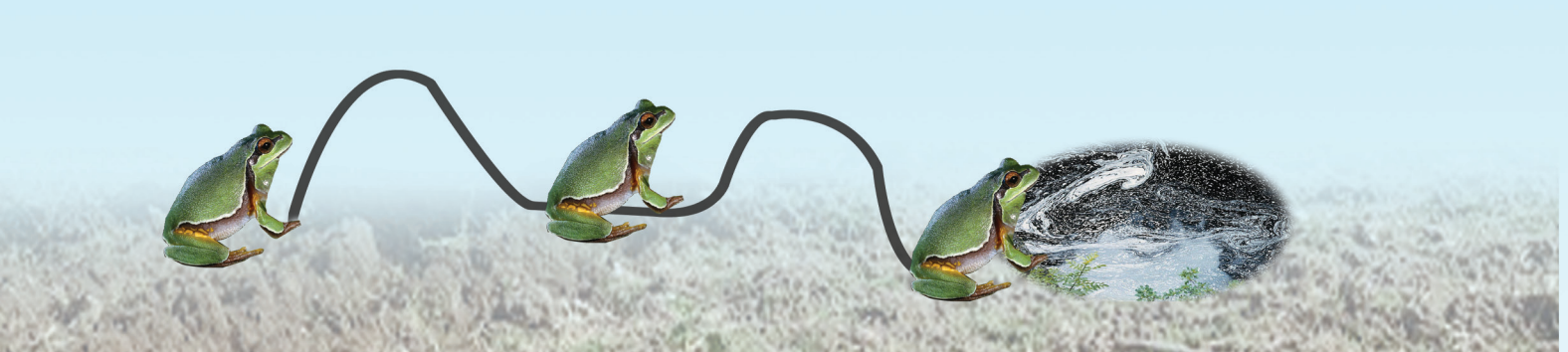
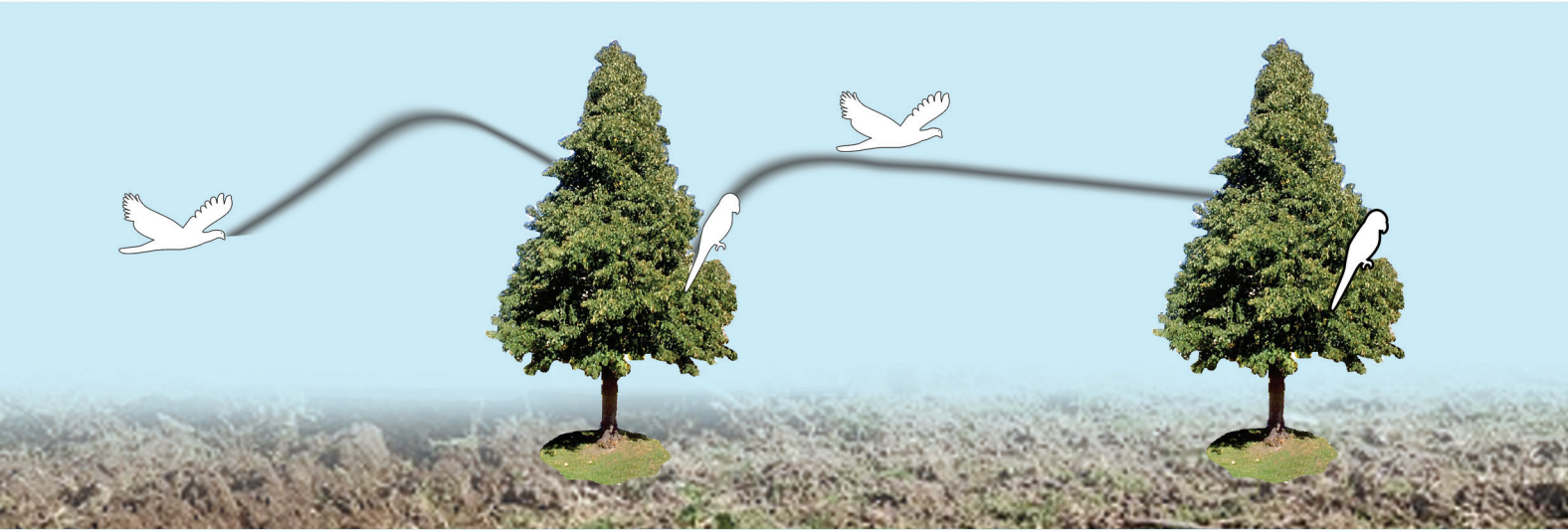


**Gilgala – 9** Piroblemota jechaa furuu.





## Gocha – 2

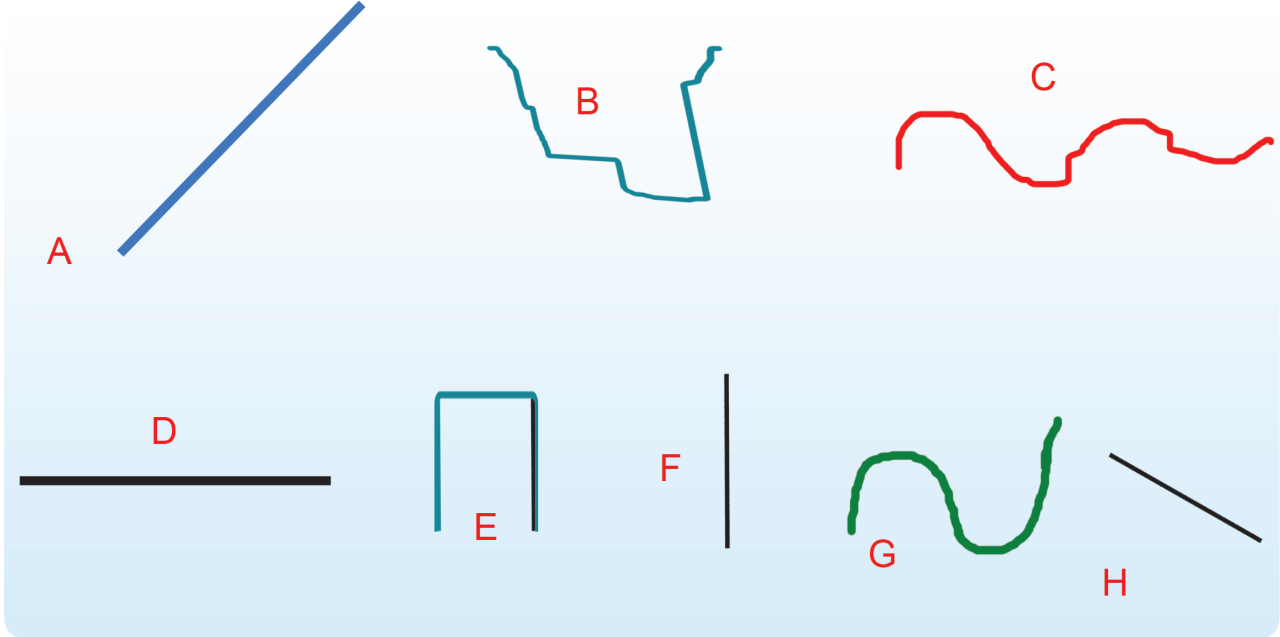


**Gocha – 2** Daandii wantoonni irra kaatan qajeelaa ykn dabaa jechuun addaan baasuu.

**Gocha – 3** (Hojii garee) Wantoota naannootti argaman ilaaluun qajeeloofi daddaboo jechuun qooduun gabaasa dhi'eesuu.



## Gilgaala – 1



Sarara qajeelaa : A



Sarara Jalla

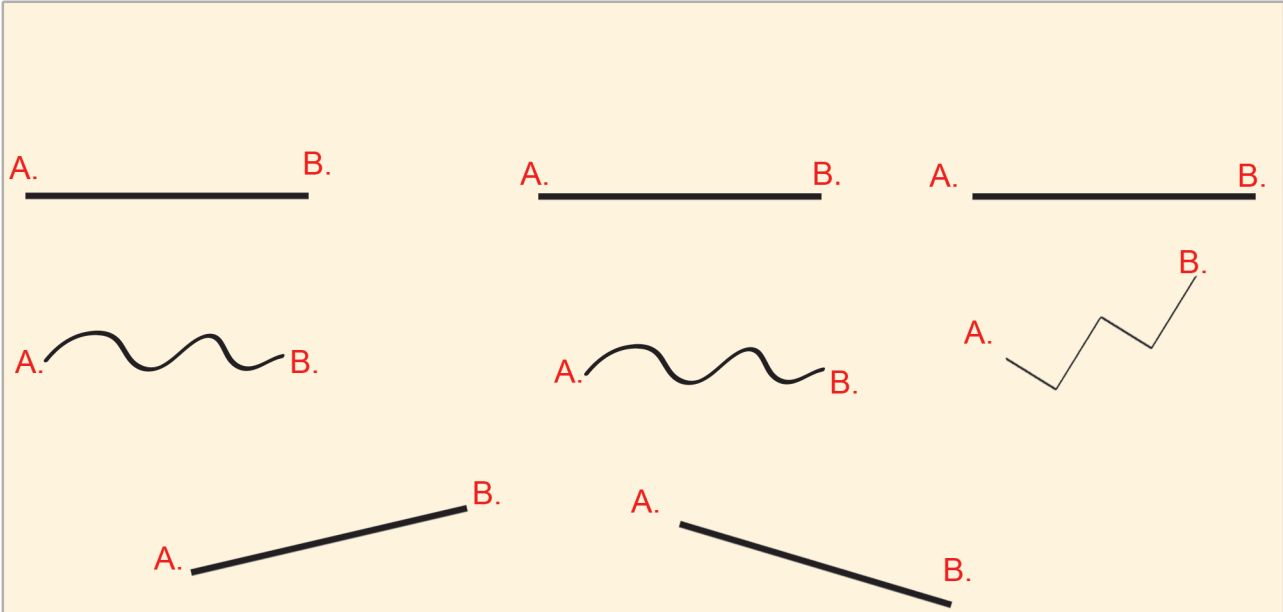
B



**Gilgaala – 8 – 1** Sararoota qajeeloo fi jajalloo addaan baasuun qubee isaan bakka bu’u bakka duwaa Irratti barreessuu.



### Gocha – 4



### Gilgaala – 2

a. 1  2	1, 2	1, 2
b. 1  2	1, 2	1, 2
c. 1  2	1, 2	1, 2
d. 1  2	1, 2	1, 2

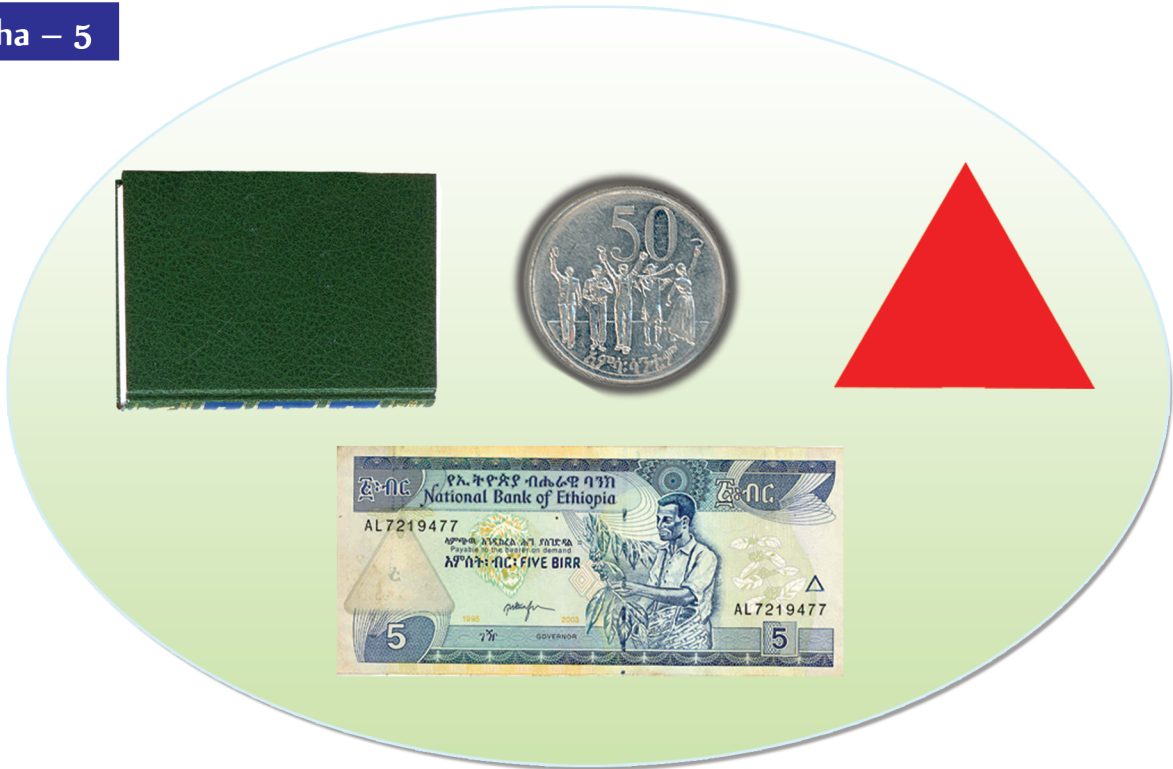
**Gocha – 4** Tuqaalee fiixee lamaan quba isaaniitiin qabuun gosa sararaan walqabsiisuun qajeelaa ykn jallaa jechuun qooduu.

**Gilgaala – 2** Tuqaalee kennaman akka isa gara bitaattii fakkeessuun sararaan wal qabsiisuu.



## 8.2. Danaalee Sasalphoo

Gocha – 5



Gilgaala – 3

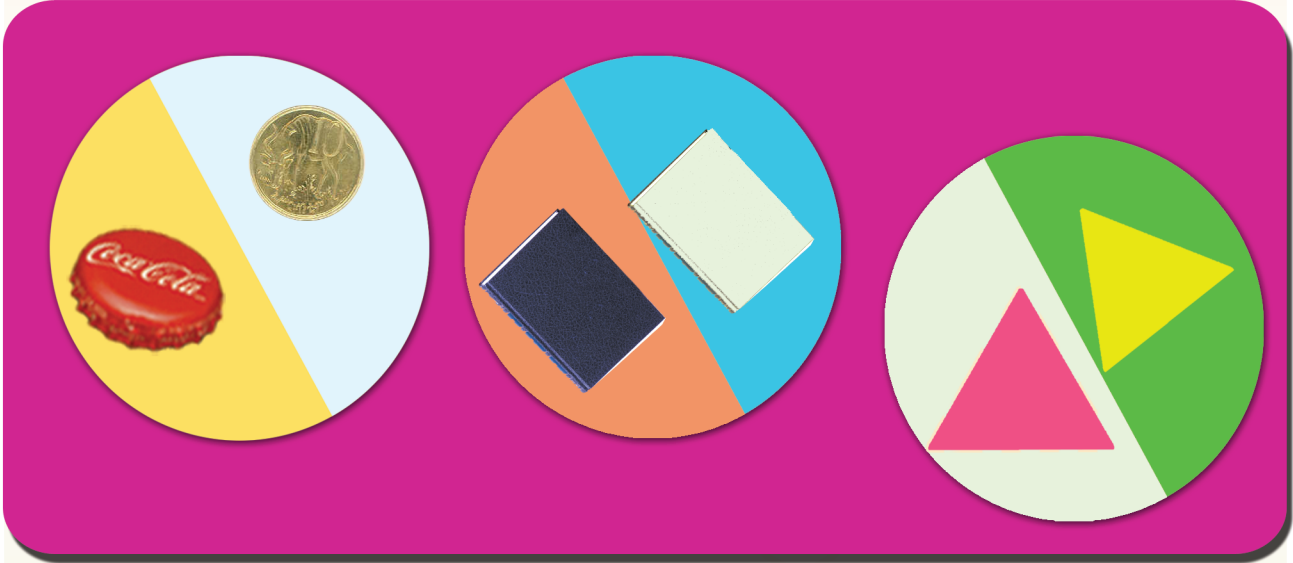


**Gocha – 5** Danaalee kennamani rogsadee, rogarfee ykn geengoo jechuun addaan baasuu.

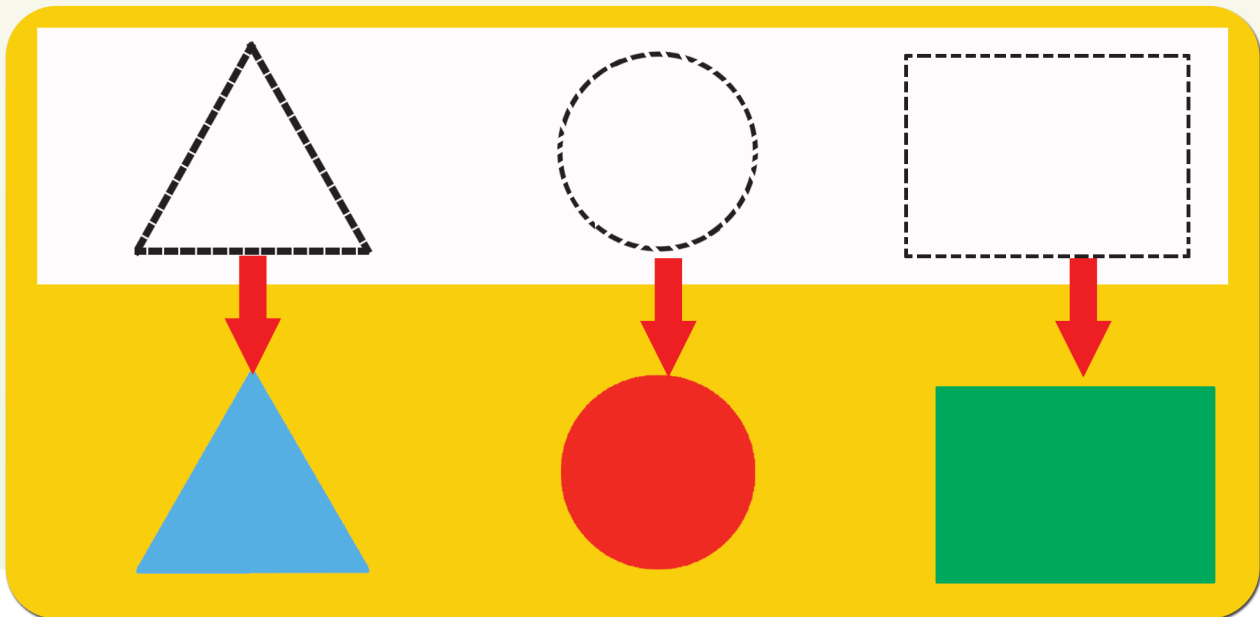
**Gilgaala – 3** Waraqaa Irraa danaalee kennamani kutuun qopheessuu.



## Gilgaala – 4



## Gocha – 6

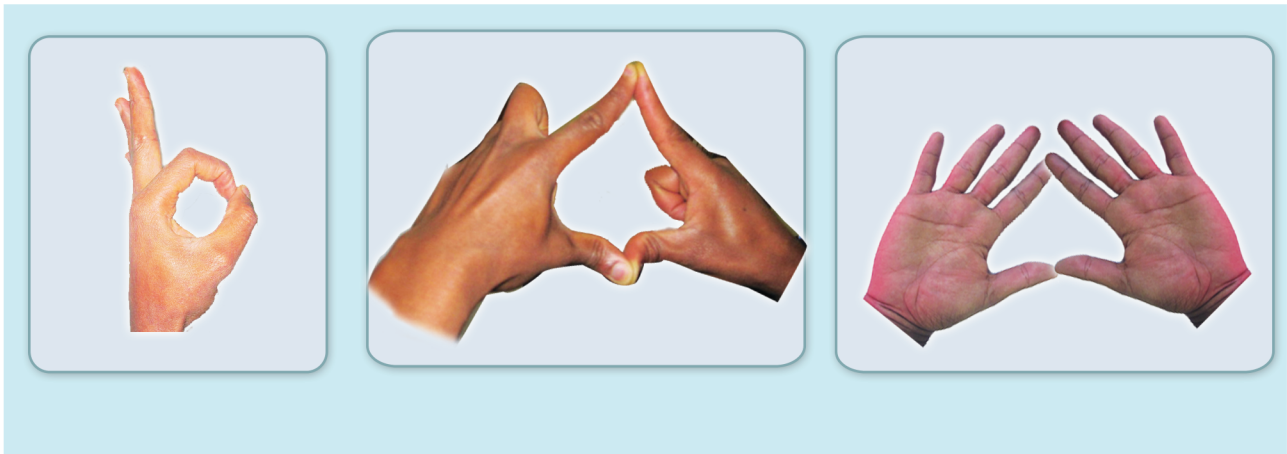


**Gilgaala– 4** Wantootaa naannootti argamaniin fayyadamuun rogsadee fi geengoo fakkeessuu (Dinaara, saahinaa, kubbaayyaa . . . wkf)

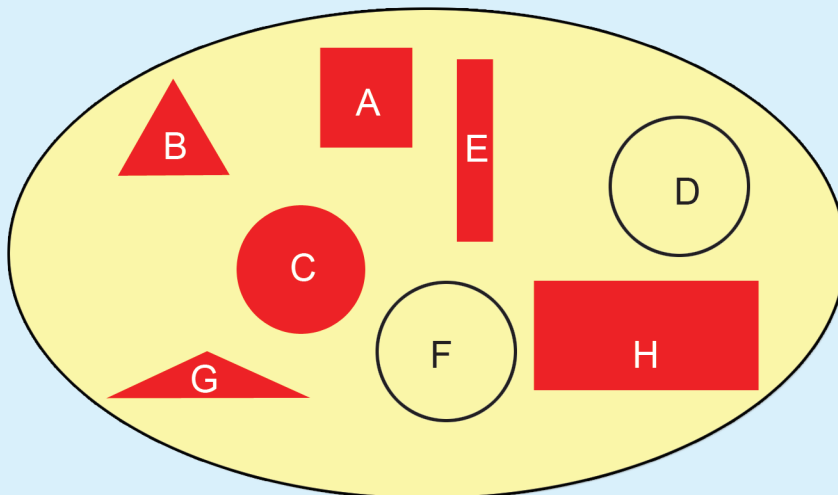
**Gocha – 6** Tuqaalee waliin walqabsiisuun (gurraachessuun) danaa xiyyaan agarsiifame fakkeessuu.



**Gocha – 7**



**Gocha – 8**



**rogsadee**   **B**  

\_\_\_\_\_

\_\_\_\_\_

**rogarfee** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**geengoo** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Gocha – 7** Quba harkaatti fayyadamuun rogsadee, rogarfee fi geengoo agarsiisuu

**Gocha – 8** Gareen ta’uun danaalee addaan qooduu





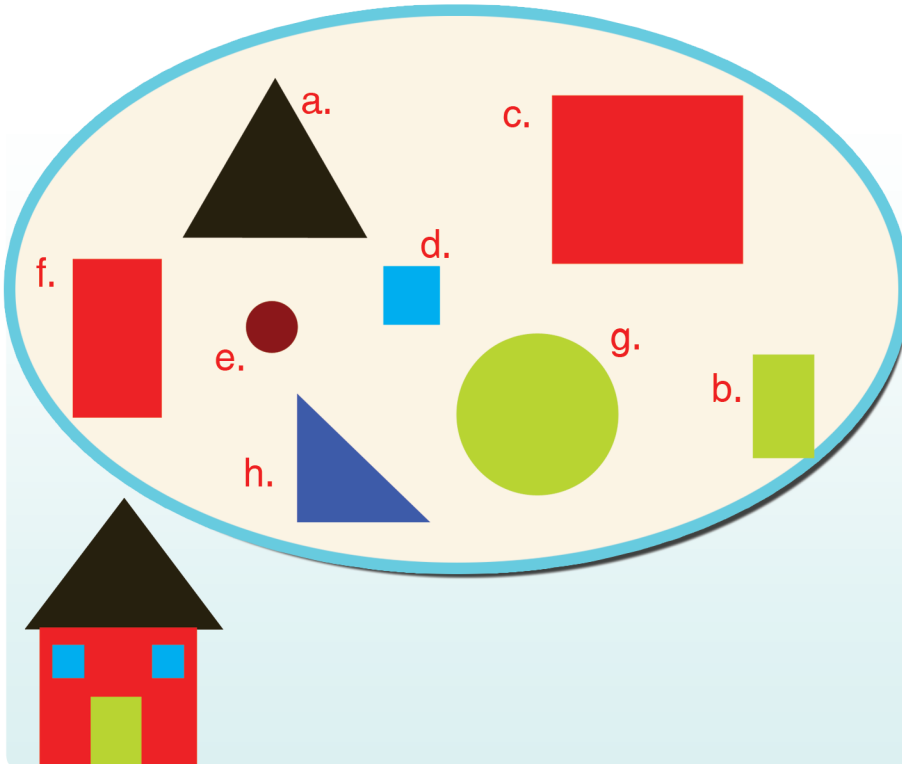
**Gilgaala – 5**

A			
B			
C			

**Gilgaala – 5** Sararoota addaan citan walitti qabsiisuun rogsadee rogarfee fi geengo fakkeessuu.

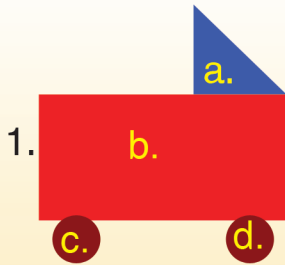


**Gocha – 9**

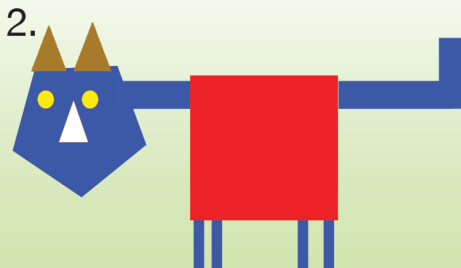


- a. rogsadee
- b. rogarfee
- c. \_\_\_\_\_
- d. \_\_\_\_\_
- e. \_\_\_\_\_
- f. \_\_\_\_\_
- g. \_\_\_\_\_
- h. \_\_\_\_\_
- i. \_\_\_\_\_

**Gilgaala – 6**



- a. rog-sadee
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_



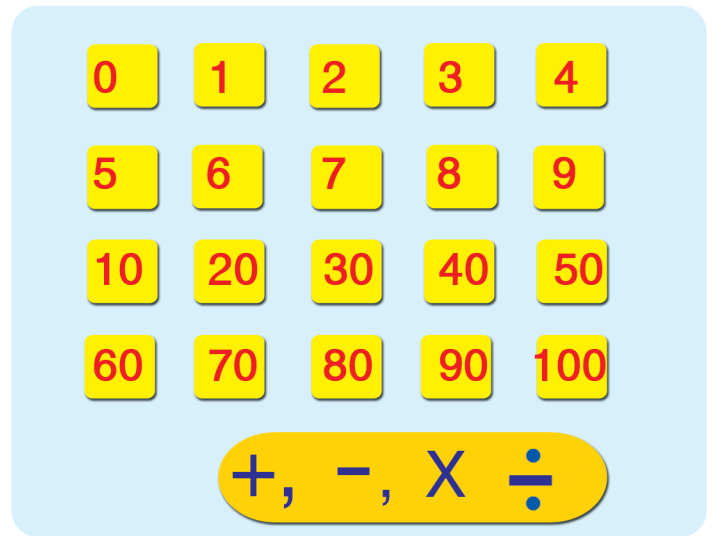
- 2. Fakkii kana irra geengoo meeqatu jira? \_\_\_\_\_
- Rogsadee meeqatu jira? \_\_\_\_\_
- Rogarfee meeqatu jira? \_\_\_\_\_

**Gocha – 9** Danaalee geengoo keessaa rogsadee, rogarfee fi geengoo jechuun addaan baasuu.

- Gilgaala – 6** 1. Danaa kana hojjechuuf danaalee kamitti akka faayadaman himuu.
- 2. Baay'ina rogsadee, rogarfee fi geengoo dubbachuu fi barreessuu.

# Boqonnaa 9

LAKKOOF SOTA HUNDAA  
HAMMA IOOTTI



## 9.1 Baay'attoota 10 hamma 100tti

### Gocha - 1

$1 \times 10 = 10$

$10 + 10 = 2 \times 10 = 20$

$3 \times 10 = 30$

$4 \times 10 = 40$

$5 \times 10 = 50$

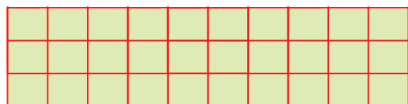
### Gilgaala - 1



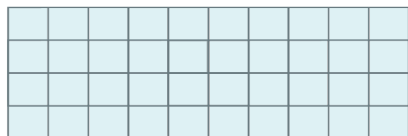
$1 \times 10 = 10$



$2 \times 10 = 20$



$\square \times \square = \square$

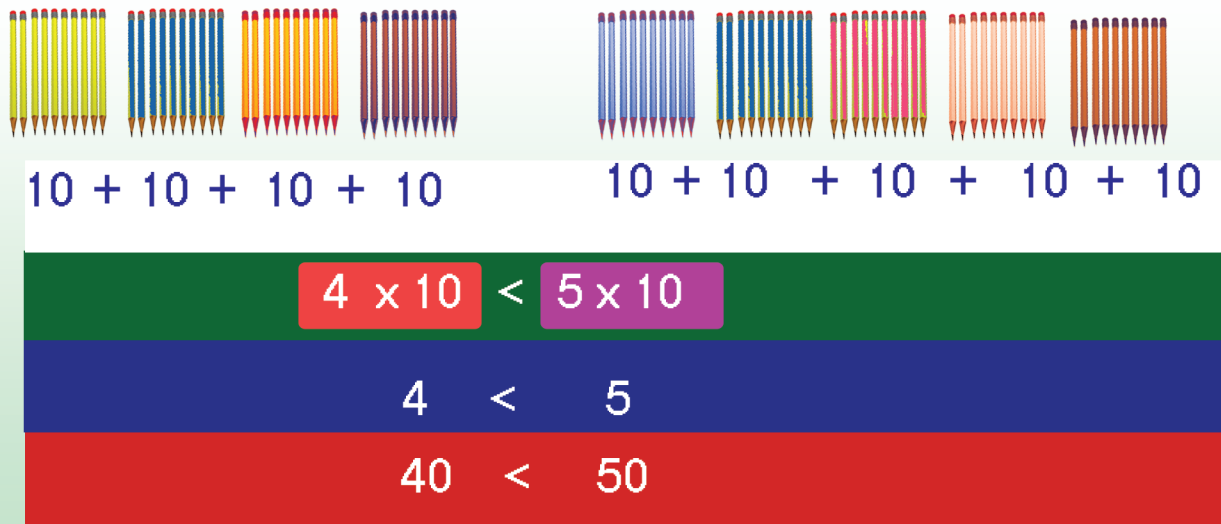
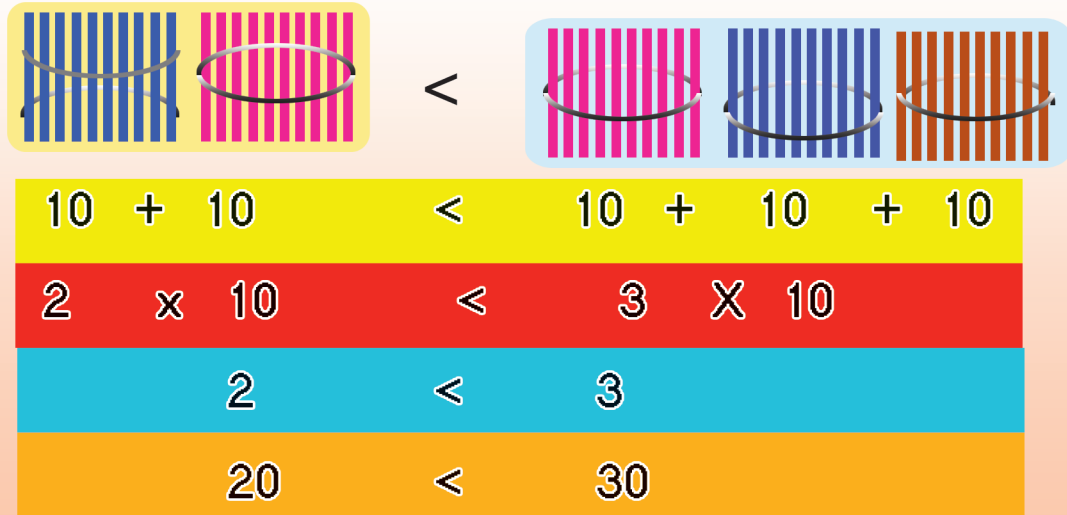


$\square \times \square = \square$        $\square$        $\square$

**Gocha - 1** Muka kudhan kudhaniin hidhame lakkaa'uun baay'attoota 10 addaan baasuu.

**Gilgaala - 1** Iskuweerota lakkaa'uun bakka duwaa hima baay'isuutiin guutuu.

Gocha – 2



Gilgala – 2

$60 > 40$

$6 > 4$

$6 \times 10 > 4 \times 10$

$50 \square 30$

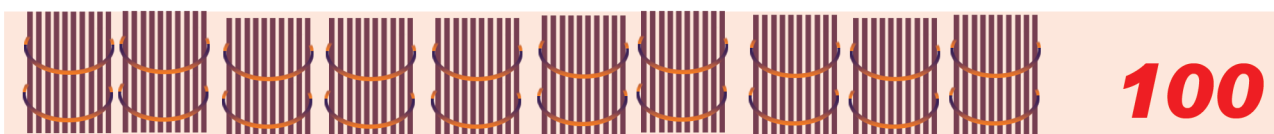
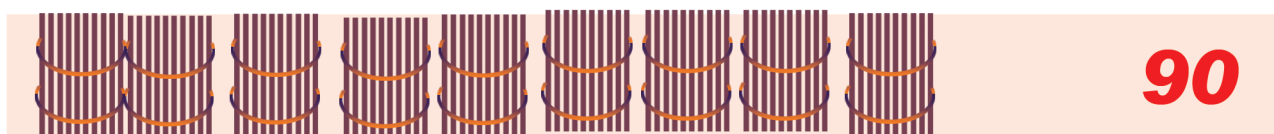
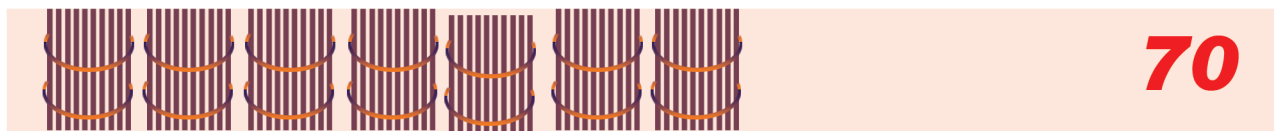
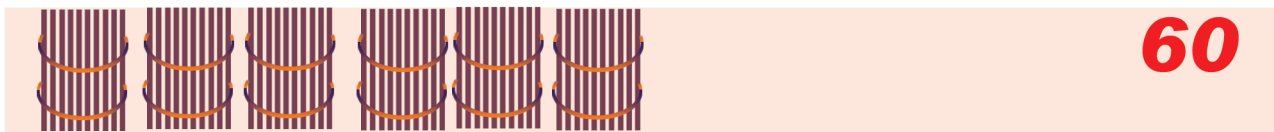
$70 \square 80$

$90 \square 20$

$40 \square 4 \times 10$

Gocha – 2 Hidhaa mukaan fayyadamuun baay’attoota 10 waliin madaaluu

Gilgala – 2 Fakkeenya kenname hordofuun mallattoolee hariiroo bakka duwwaatti barreessuu.



**Gilgala - 3**

10	20	30				70		90	
1X10	2X10	3X10		5X10				9X10	

**2. Dalga baay'isuu**

$3 \times 10 = \square$

$8 \times 10 = \square$

$5 \times 10 = \square$

$4 \times 10 = \square$

$9 \times 10 = \square$

$7 \times 10 = \square$

**Gilgala - 3** Bakka duwaa gabate irraa guutuu. Dalga baay'isuu.

**Gocha – 3**

**Abaakasii**

mana 100    mana 10    mana 1

$$\begin{array}{r} 30 \\ + 10 \\ \hline 40 \end{array}$$

**Gabatee ida'uu**

$40 + 20 = \boxed{60}$

40 →   
 + 20 →   
 60 →

+	Kudhanii	Tokkee
	4	0
	2	0
6	0	

Ida'amaa  
 Ida'amaa  
 Ida'ama

**Gilgaala – 4**

30 + 40 =

60 + 20 =

20 + 70 =

90 +  =

**Gocha – 3** Abaakasii fi gabatee ida'uuttii fayyadamuun ida'amni sirrii ta'uu mirkaneeffachuu

**Gilgaala – 4** Abaakasii yokiin gabatee ida'uutti gargaaramuun shallaguu.

**Gocha – 4**

Abaakasii

	<del>X</del> <del>X</del>		
mana dhbbaa	mana kudhanii	mana tokkee	30 -20 10

Gabatee hir'isuu

90 - 30 = 60

	mana kudhanii	mana tokkee	
-	9	0	Hir'ataa
-	3	0	Hir'isaa
-	6	0	caalmaa

**Gilgaala – 5**

40 - 30 =

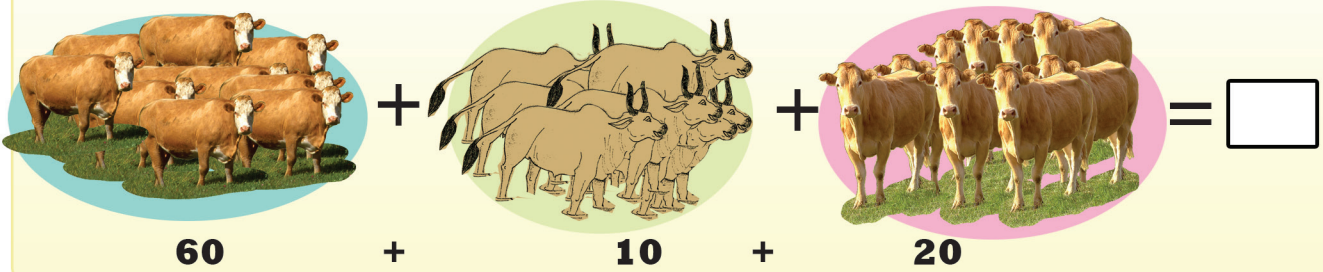
60 - 20 =

70 -  = 20

**Gocha – 4** Abaakasii fi gabatee hir'isuutti fayyadamuun caalmaa barbaaduu.  
**Gilgaala – 5** Abaakasii yokii gabatee ida'uutti fayyadamuun caalma shallaguu.

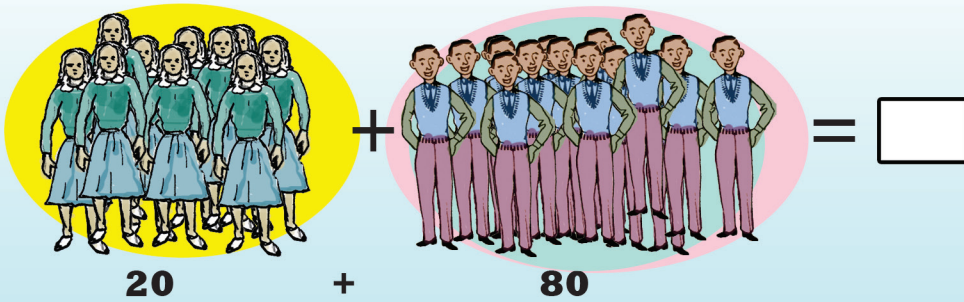
### Gilgaala – 6 Hojii garee

1. Mooraa horsiisuu tokko keessa saawwan 60, jiboota 10fi jabbootni 20 yoo iraan, waliigalatti horii meeqatu jira?



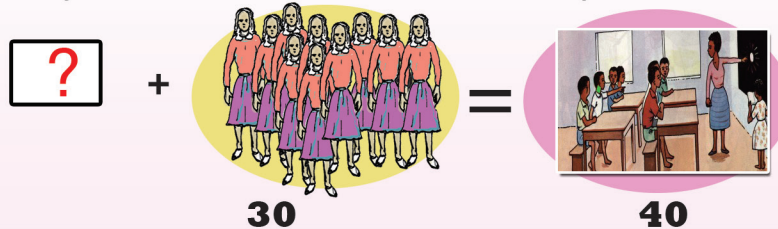
$$60 + 10 + 20 = \square$$

2. Iddoo walga'ii tokko dubartoota 20 fi dhiira 80tu argama waliigalatti namoota meeqatu argame?



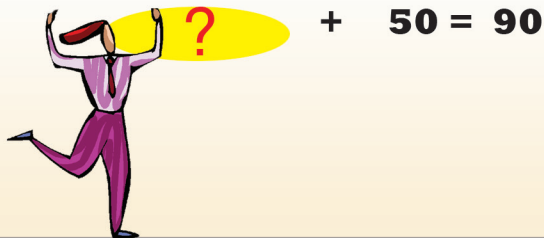
$$20 + 80 = \square$$

3. Daree tokko keessa barattoota 40tu jira. Isaan keessaa barattoonni 30 dubaa. Baay'inni bhrattoota daiiraa meeqa?



$$\square + 30 = 40$$

4. Ani lakkoofsa, 50 yoo ana irratti dabalaa 90n ta'a. Ani meega?



$$\square + 50 = 90$$

### Gilgaala – 6 Piroobileemota jechaa gareen ta'uun furuu.



## 9.2 Lakkoofsota hundaa 21 hamma 100tti jiran

**Gocah – 5**

10 + 1 = 11

10 + 3 = [ ]

20 + 2 = [ ]

[ ] + [ ] = [ ]

[ ] + [ ] = [ ]

	●●	●●●
mana dhibbaa	mana kudhanii	mana tokkee

$20 + 3 = 23$   
 $2 \times 10 + 3 = 23$

	●●●●	●●●
mana dhibbaa	mana kudhanii	mana tokkee

$54 = 50 + 4 = 5 \times 10 + 4$

**Gilgaala – 7**

10 + 9 = [ ]                      [ ] + 60 = [ 65 ]

30 + 7 = [ ]                      7 + [ ] = [ 97 ]

**Gocha – 5** Uleewwan kudhaniin hidhamanii fi Uleewwan hin hidhamii 9 tti yokiin abaakasiitti fayyadamuun ida'uu.

**Gilgaala – 7** Bakka duwwaa lakkoofsa sirrii ta'een guutuu.

## Gocha – 6

60+7

19 67 59

20+7 27 35 77 70+7

30+5

94 80 63

## Gilgaala – 8

1.  $43 = 40 + 3$

2.  $59 = \square + \square$

3.  $78 = \square + \square$

4.  $\square = 80 + 8$

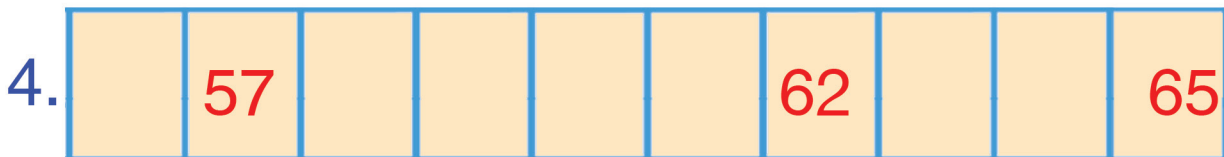
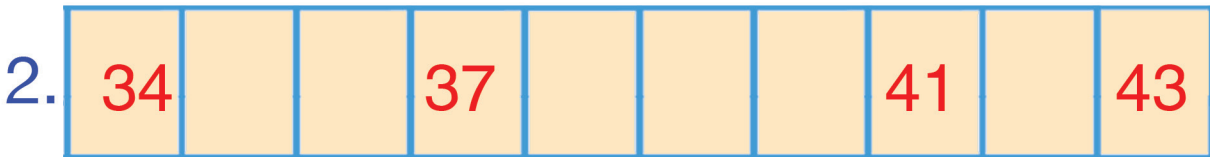
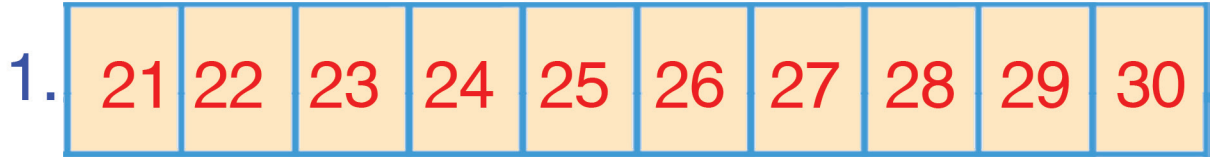
5.  $17 = \square + \square$

**Gocha – 6** Lakkoofsa dijiitii 2 ida'ama baay'ataa 10 fi tokkeewwaniin barreessuu. Akkuma fakkeenya kennameetti bakka duwwaa guutuu.

**Gilgaala – 8** Lakkoofsota dijiitota lamaa, baay'attoota 10 fi tokkeewwaniin ibsuu. Haaluma fakkeenya kennameetiin bakka duwwaa guutuu.

### 9.3 Tartiiba lakkoofsota hundaa hamma 100tti jiranii

**Gocha – 7**



**Gilgaala – 9**

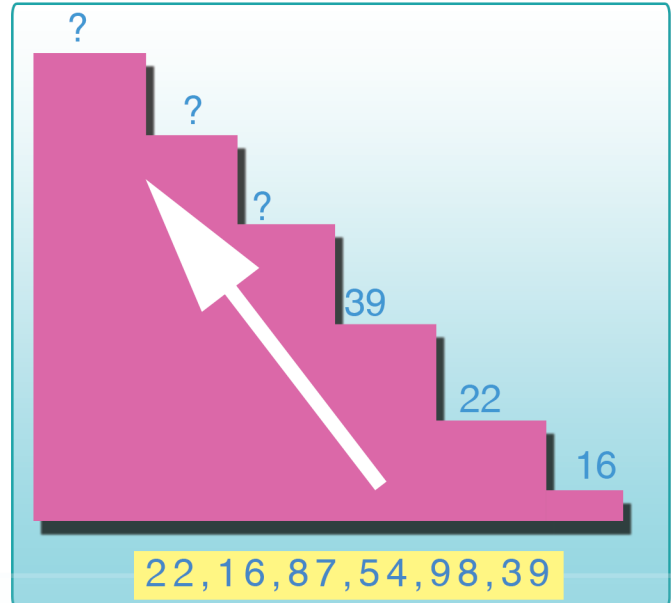
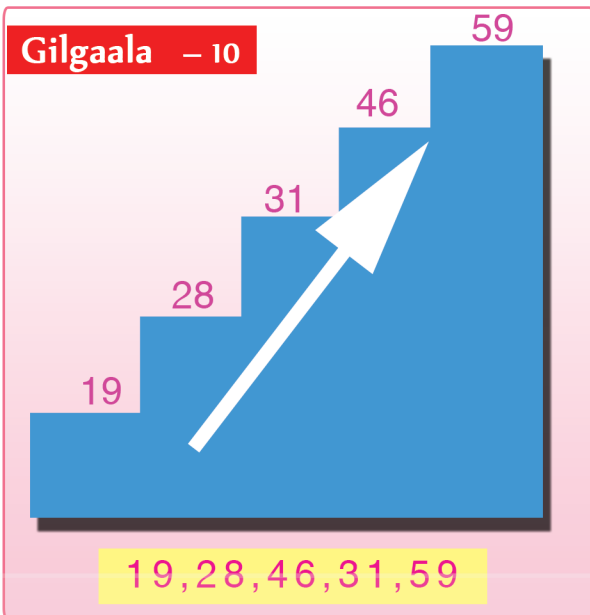
<p>1. 73, 72, 78, 76 72 &lt; 73 &lt; 76 &lt; 78</p>	<p>3. 18, 26, 19, 29, 32</p>
<p>2. 31, 13, 62, 27</p>	

**Gocha – 7** Tartiibaan lakkoofsotaa irratti hundaa'uun bakka duwwaa guutuu.

**Gilgaala – 9** Akka fakkeenyaan kennametti tartiibaan kaa'uu.

Gocha – 8

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



**Gocha- 8** Bakka duwaa gabatee Irraa tartiiba lakkoofsotaa eeguun guutuu fi dubbisuu.

**Gilgala -10** gara gadiitii egaluun xiqqaa iraa gara guddaatti tartiibaan gara oliitti barreessuu.

Gocha – 9

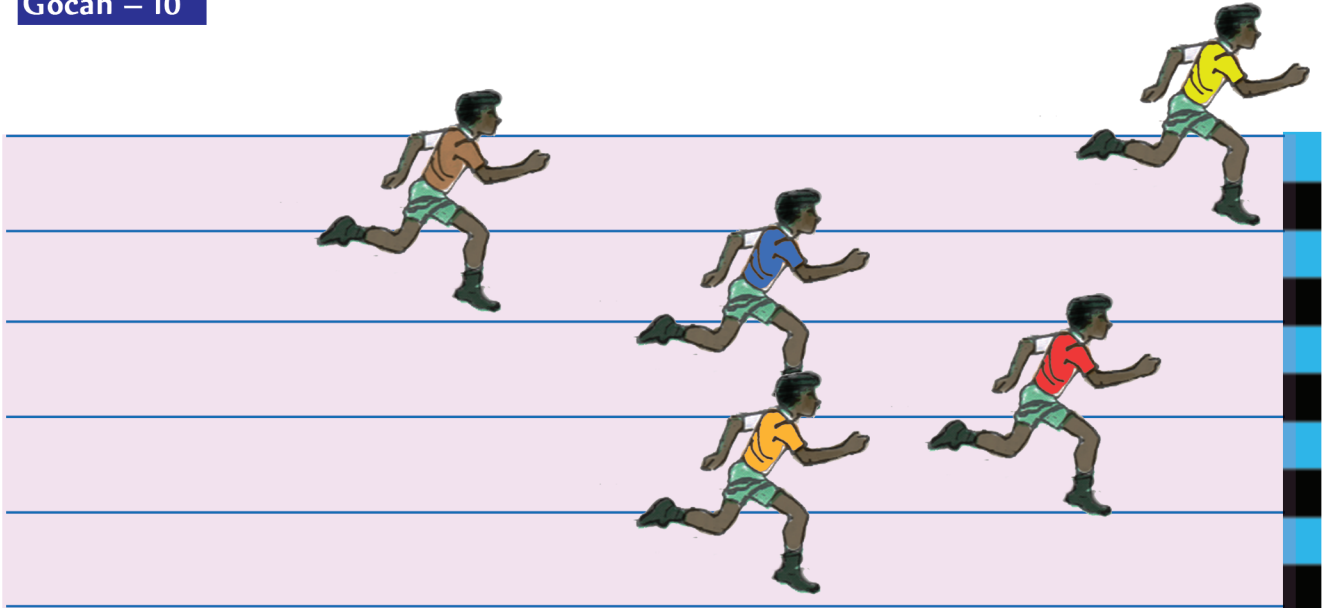
19	20		70		85
	22		76		62
	27		79		40

29	30	62		94	
33		67		55	
49		77		69	

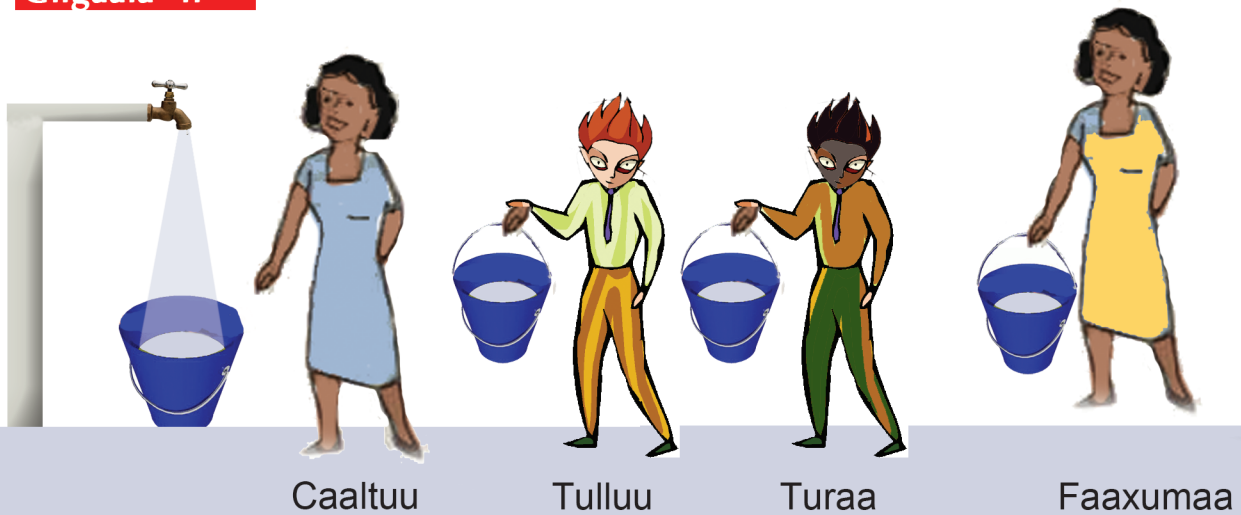
24	25	26	58		60	45		47
35		37	81		83	75		77
43		45	96		98	51		53

Gocha – 9 Dursaa, itti fufaa lakkoofsa lakkoofsota lamaan kennaman gidduutti argaman barreessuu fi dubbisuu.

**Gocah – 10**



**Gilgaala -11**



Caaltuu \_\_\_\_\_ 1<sup>ffaa</sup>

Tulluu \_\_\_\_\_

Turaa \_\_\_\_\_

Faaxumaa \_\_\_\_\_

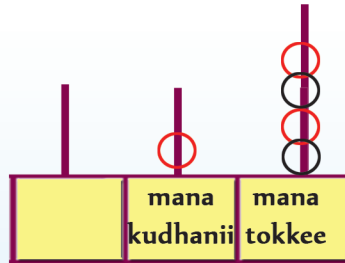
**Gocha – 10** Atileetota halluu uffata isaaniitiin sadarkaa isaanii tartiibaan ibsuu.  
**Gilgaala – 11** Sadarkaa namoota hiriiraniin ibsuu. Maqaa isaanii cinaatti sadarkaa isaanii barreessuu.

### 9.4 Mana lakkoofsotaa hamma 100tti

**Gocha –II**

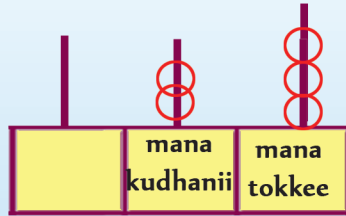
Abaakasii

14



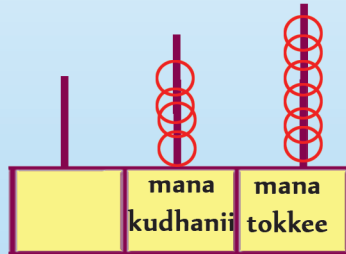
mana kudhanii	mana tokkee
1	4

23



mana kudhanii	mana tokkee
2	3

47



mana kudhanii	mana tokkee
4	7

Balballoomsuu

$25 = 2 \times 10 + 5$

$96 = 9 \times 10 + 6$

Lakkoofsa	mana kudhanii	mana tokkee
25	2	5
96	9	6

**Gilgaala – 12**

Lakkoofsa	mana kudhanii	mana tokkee
78	7	8
69		
44		
86		

**Gocha – 14** Mana tokkee fi mana kurnanii lakkoofsotaa abaaasiin ykn diddiriirsuun addaan baafachuun akka danda’amu hubachuu

**Gilgaala- 12** Gabatee kenname Irratti mana tokkee fi mama kurnanii lakkoofstaa guutuu.

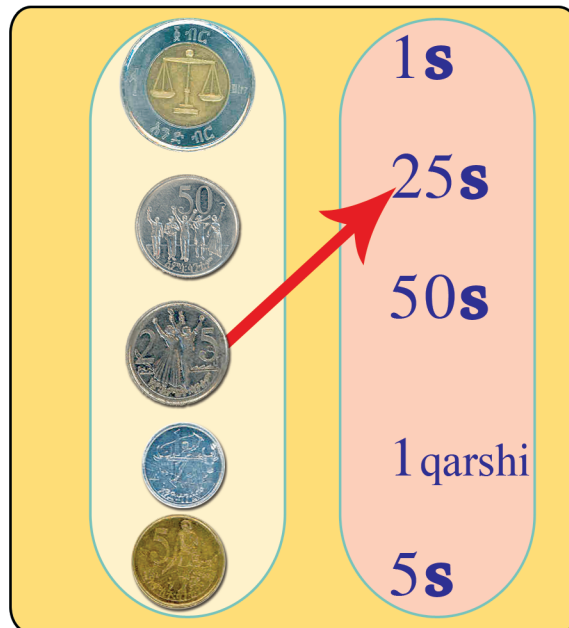
# Boqonnaa 10

## MAALLAQA ITOOPHIYAA



### 0.1 Dinaarotaa fi Noottiiwwan

#### Gocha – 1



Gocha – 1 Haala fakkeenya kenneetiin walitti firoomsuu






## 10.2 Hariiroo saantimaa fi Qarshii

### Gilgaala - 1

 +  = 15 S	 +  +  = ____ S
 +  = ____ S	 +  +  +  = ____ S
 +  = ____ S	 +  +  +  +  = ____ S
 +  = ____ S	

### Gilgaala - 2

**Gilgaala - 1** Saantimoota ida'uu

**Gilgaala - 2** Walitti firoomsuu



Gocha – 2



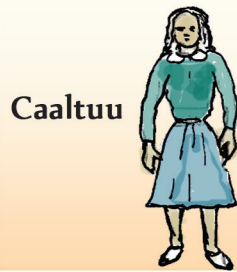
Gocha – 2 Noottiiwwan addaan baafachuu fi maqaa (gatii) isaanii himuu.



### Gilgala - 3



Daraartuu



Caaltuu



Tolaa



Beekaa

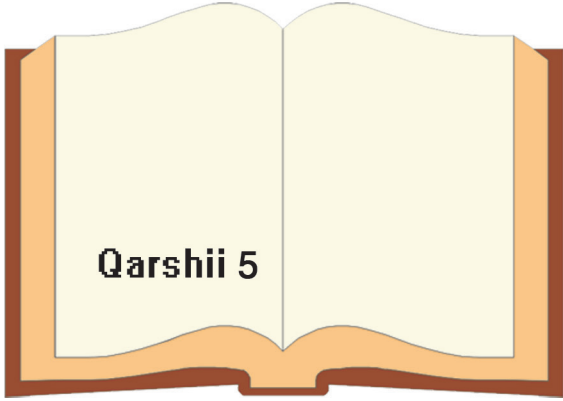


### Gilgala - 3 Beekaan saantima meeqa qaba?

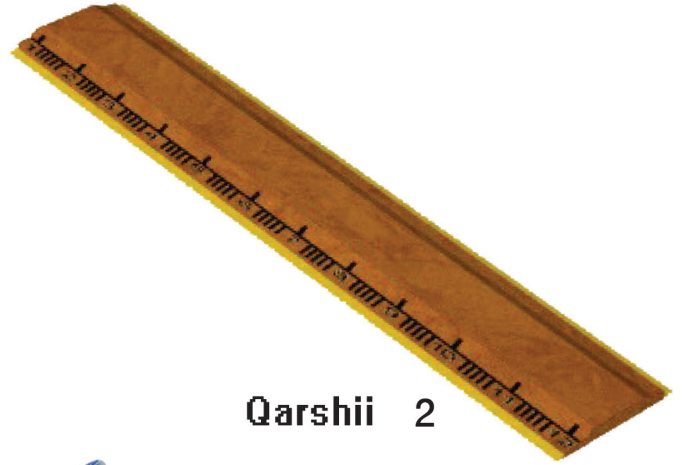
- Abbaa saantima 50 qofa kan qabu eenyu?
- Abbaa saantima 5 baayyee kan qabu eenyu?
- Abbaa saantima 25 baayyee kan qabu eenyu?
- Abbaa saantima 10 kan hin qabne eenyu?
- Abbaa Qarshii 1 kan qabu eenyu?



**Gilgaala – 4**



**Qarshii 5**



**Qarshii 2**



**Qarshii 1**



**Qarshii 2**



**Qarshii 4**



**Saantima 50**

**Gilgaala – 4** Gatiin dabtara 1 fiqubeessaa 1 meeqa?  
Gatiin dabtara 3 fi qalama 2 meeqa ta'a?

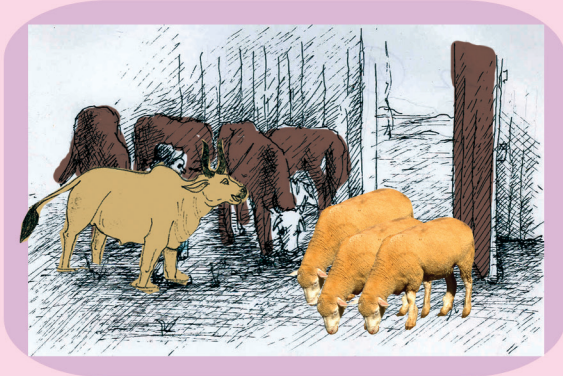
# Boqonnaa 11

## YEROO



### 11.1 Qoqqoodama Guyyaa

#### Gocha – 1



**Gocha – 1** Fakkiwwan mul'atan guyyaa tokkoo keessaa yeroo kam akka ta'e himuu, (Ganama, waaree booda, galgala, halkan) .



### Gilgala – 1



### Gilgala – 2



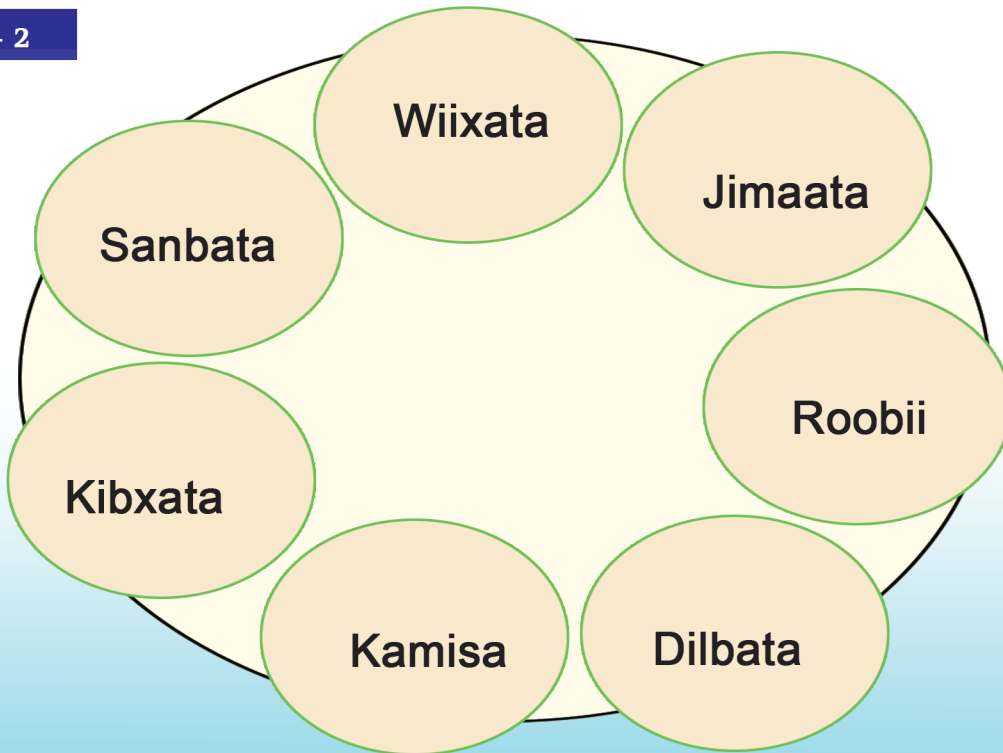
**Gilgala – 1** Sa'aatii ilaaluun yeroo isaa himuu

**Gilgala – 2** Fakkii sa'aatii kaasuun yeroo irratti agarsiisuu.

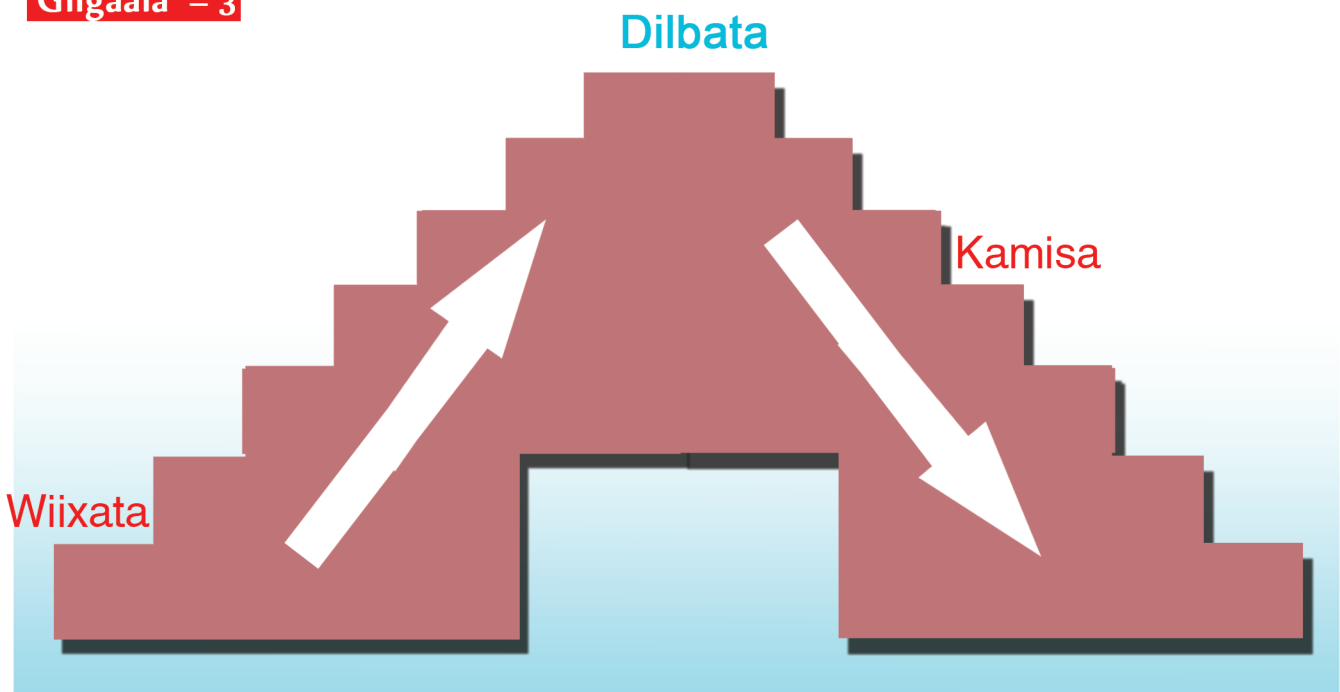


## 11.2 Guyyoota torbanii

Gocha – 2



Gilgaala – 3

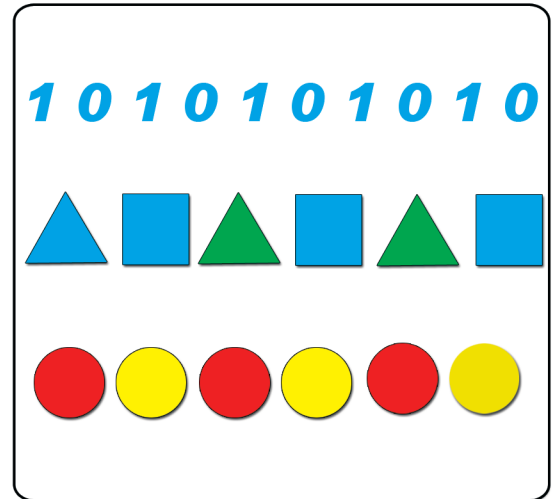


**Gocha – 2** Guyyaan barumsi itti jalqabamu kami? Gyyoonni boqonnaa isaan kami?

**Gilgaala – 3** Sadarkaa mul'atu kana qubee jalqabaa maqaa guyyoota torbaniin moggaasuu.

# Boqonnaa 12

## Qabannaa Daataa fi paaternii



### 12.1 Giraafota akkii Sassalphoo

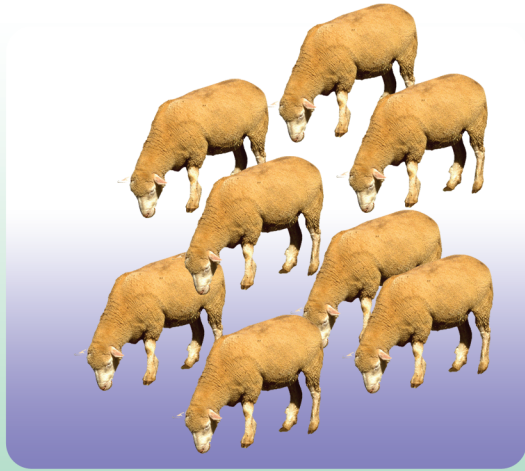
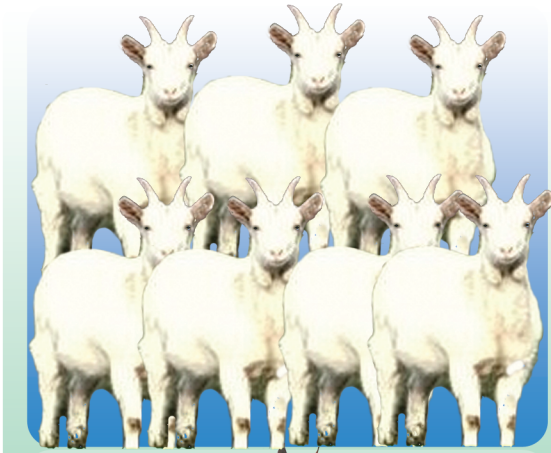
#### Gocha – 1



**Gocha – 1** Fakkiiwwan ilaaluun haala qilleensa guyyaa ibsuu. (Aduu, duumessaa fi rooba)



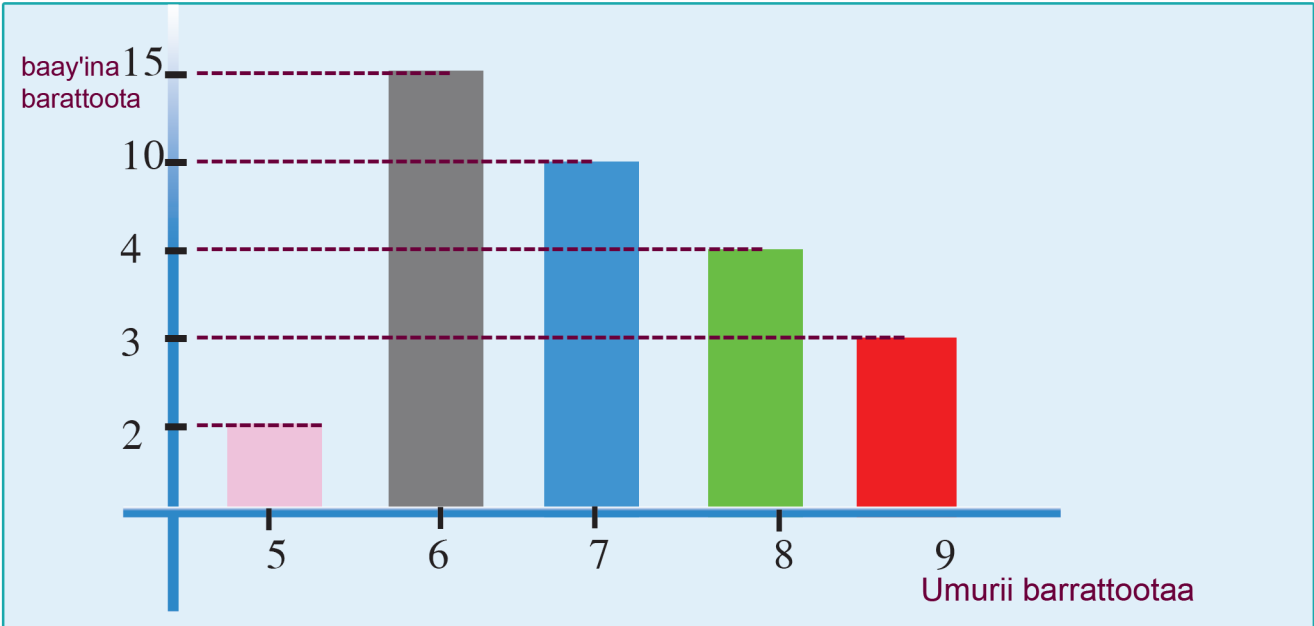
Gocha -2



	Re'oota	Hoolota	Fardeen	Loon
Baay'ina Sararaan (taaliin)				
Baay'ina Lakkoofsaan	7			

Gocha - 2 Beeladoota lakkaa'uun taalii fi lakkoofsaan ibsuu

**Gocha -3** Giraafii baay'ina barattoota kutaa tokkoffaa mul'isu



Umurii	5	6	7	8	9
tarreessa (taaliin)					
Lakkoofsaan					

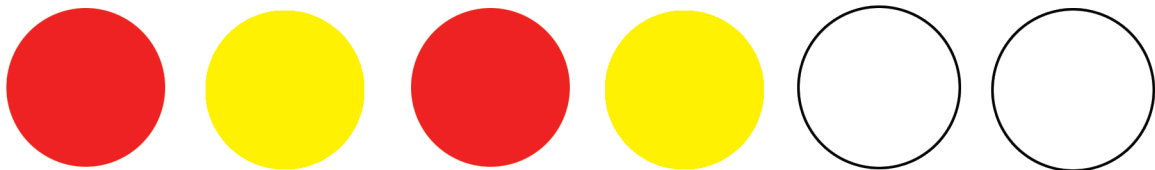
**Gocha -3** Baay'ina barattootaa tarreessuu fi lakkoofsaan agarsiisuu

## 12.2 Paatarnii

Gocha – 4 (Hojii garee)

1, 0, 1, 0, 1, 0, 1, 0 \_\_\_\_\_

2, 4, 6, \_\_\_\_\_



1, 3, 5, \_\_\_\_\_

3, 6, 9, \_\_\_\_\_



Gocha – 4 Fakkiwwanii fi lakkoofsota kennaman itti fufuu.