BARNOOTA HERREGAA

KITAABA BARATAA

Kutaa Tokkoffaa

Barreessitootaa fi Gulaaltota

Abarraa Balaay

Daadhii Asaffaa

Addaamuu Nyaaroo

Taaddasaa Gammachuu

Madaaltota

Xilaahun Alamuu

Aliyyi Uluu

Laggasaa Tarrafaa

Ripaabilikii Federaalawaa Dimookiraatawaa

Itoophiyaatti Ministeera Barnootaa

Kan maxxanfame ALI bara 2003 Ripaabilikii Federaalawaa Dimookiraatawaa Itoophiyaatti Ministeera Barnootaa jalatti piroojektii fooyya'insa Barnoota walii-galaatiini dha. Piroojektiin kunis maallaqaan kan deggeramu dhaabbilee IDA credit number 4335-ET, the Fast Track Initiative Catalytic Fund fi Mootummoota Finland, Italy, Netherlands fi United kingdom dha.

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Ministeerri Barnootaa qaamota, gareewwanii fi namoota kitaaba kana maxxansiisuu irratti qooda fudhatanii fi boodas qajeelcha barsiisaa itti dabalan galatoomfachuu barbaada.

Wantoota akka hin fudhatamne mirgi isaanii eegame tokko tokko hayyamnaan kana keessa galaniiru. Abbaa mirgaa wantoota kanaa ta'ee kan sirriitti hin ibsamiin yoo jiraate, Ministeera Barnootaa, Arat-kiioo, Lakkoofsa saanduqaa 1367, Addis Ababa jedhee nuuf barreessuu danda'a.

Developed and Printed by

STAR EDUCATIONAL BOOKS DISTRIBUTORS Pvt. Ltd.

24/4800, Bharat Ram Road, Daryaganj,

New Delhi – 110002, INDIA

and

ASTER NEGA PUBLISHING ENTERPRISE

P.O. Box 21073

ADDIS ABABA, ETHIOPIA

under GEQIP Contract No. ET-MoE/GEQIP/IDA/ICB/G-07/09.

ISBN 978-99944-2-152-7

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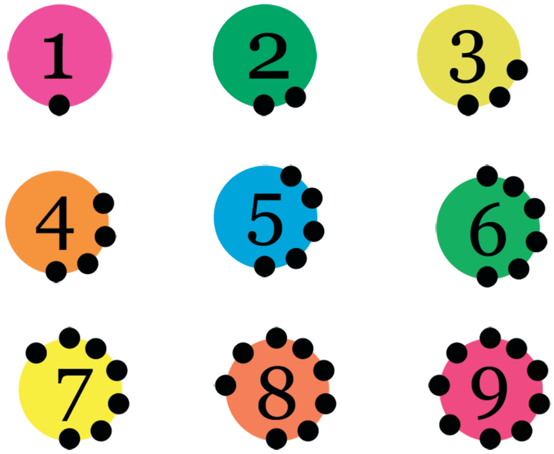
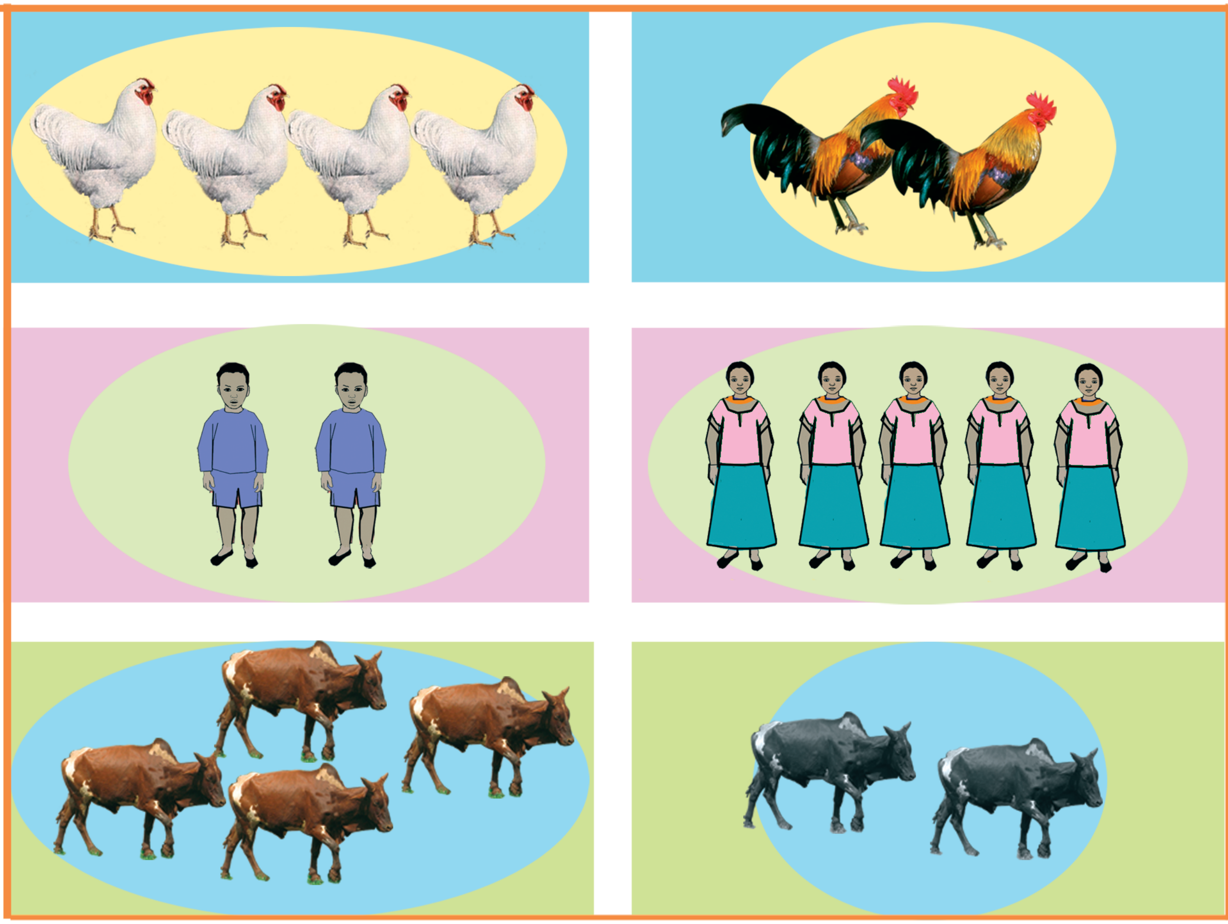


LAKKOOFSOTA LAKKAAWWII
HAMMA 9TTI

1.1 Lakkoofsota lakkaawwii 1 – 5 fi tartiiba isaanii

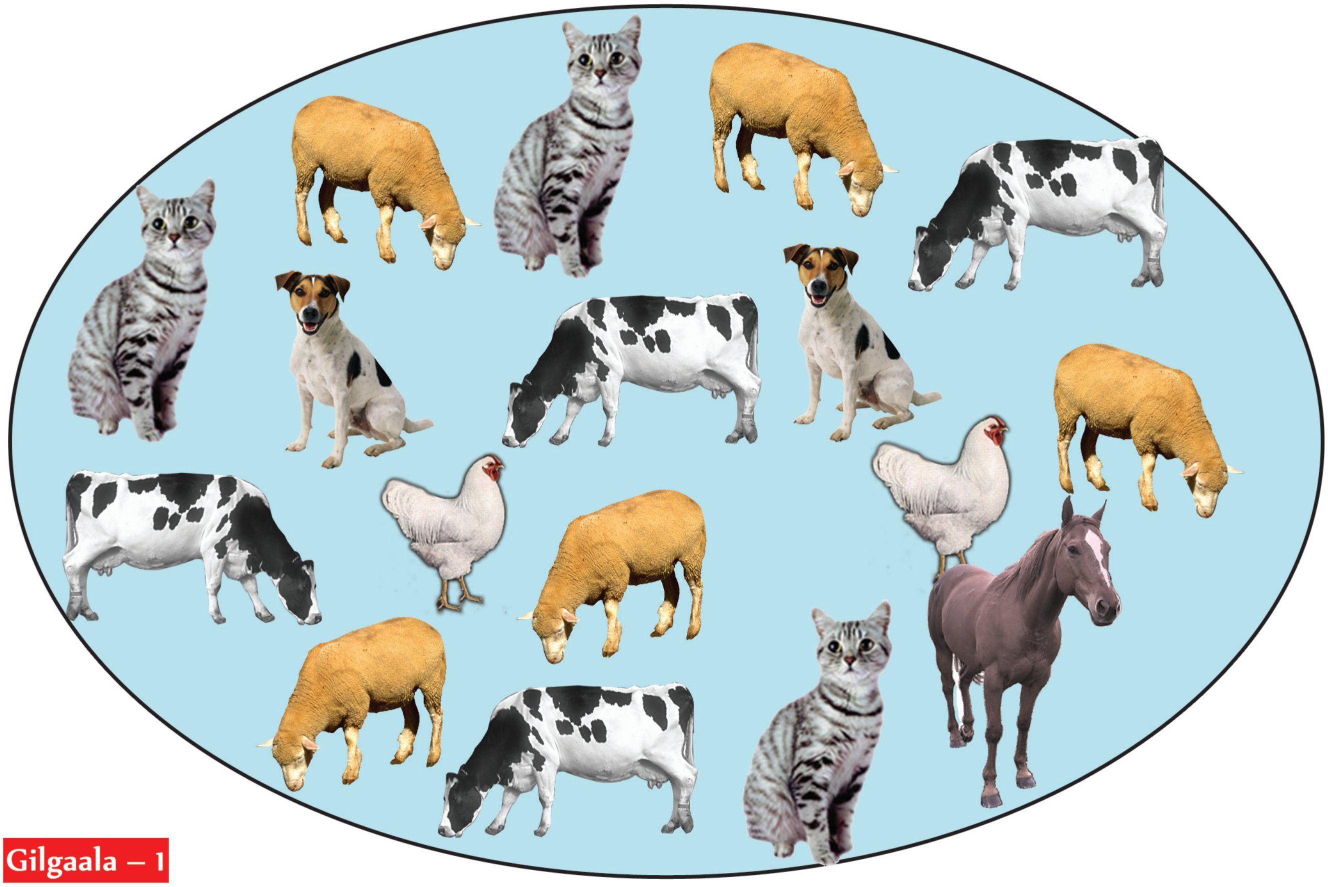
Gocha -1



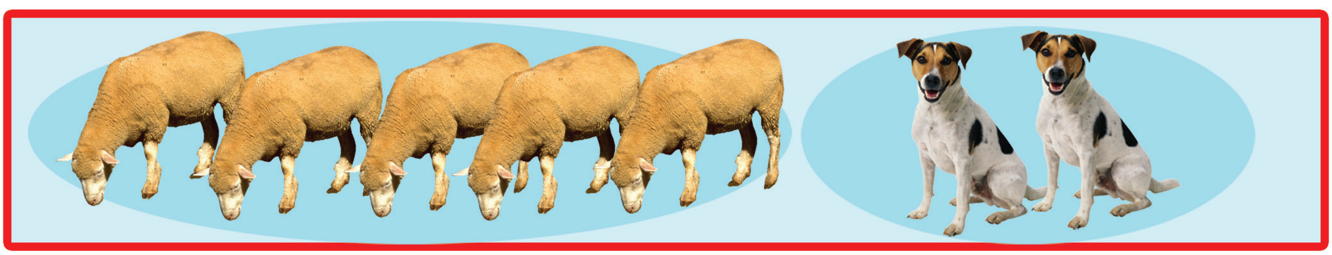
Gocha -1 Fakkiiwwan wal cinaa jiran baayyee yookiin, muraasa jechuun addaan baasuu.

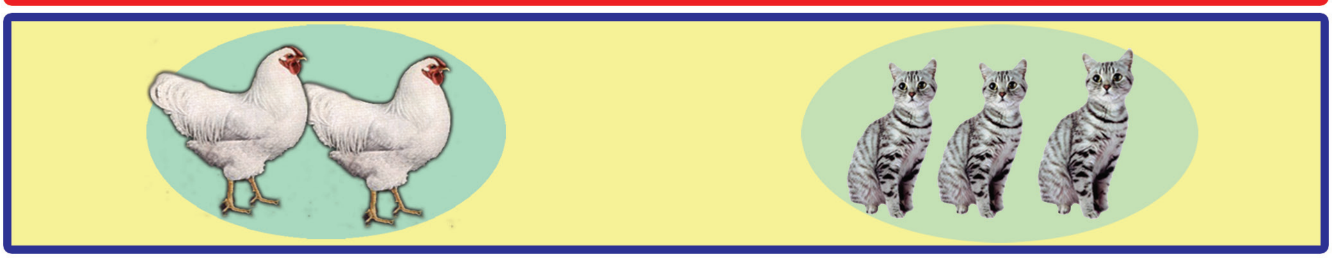
Fakkiiwwan wal cinaa jiran irra gudda yookiin irra xiqqaa jechuun waliin madaaluu.

Gocha – 2 **Hojii garee**



Gilgaala – 1





Gocha – 2 Barattoonni, gareedhaan ta'uun beeladoota addaan baasanii lakkaa'uun, kun lakkoofsaan hedduu dha, kun ammoo xiqqaadha jechuun, jechoota hedduu fi xiqqaa jechuu shaakaluu.

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

Gocha – 3

1

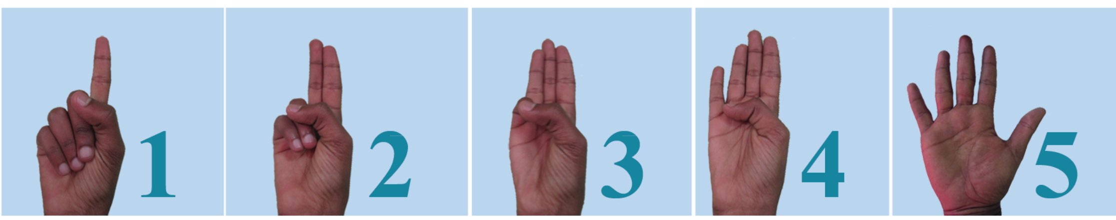
2

3

4

5

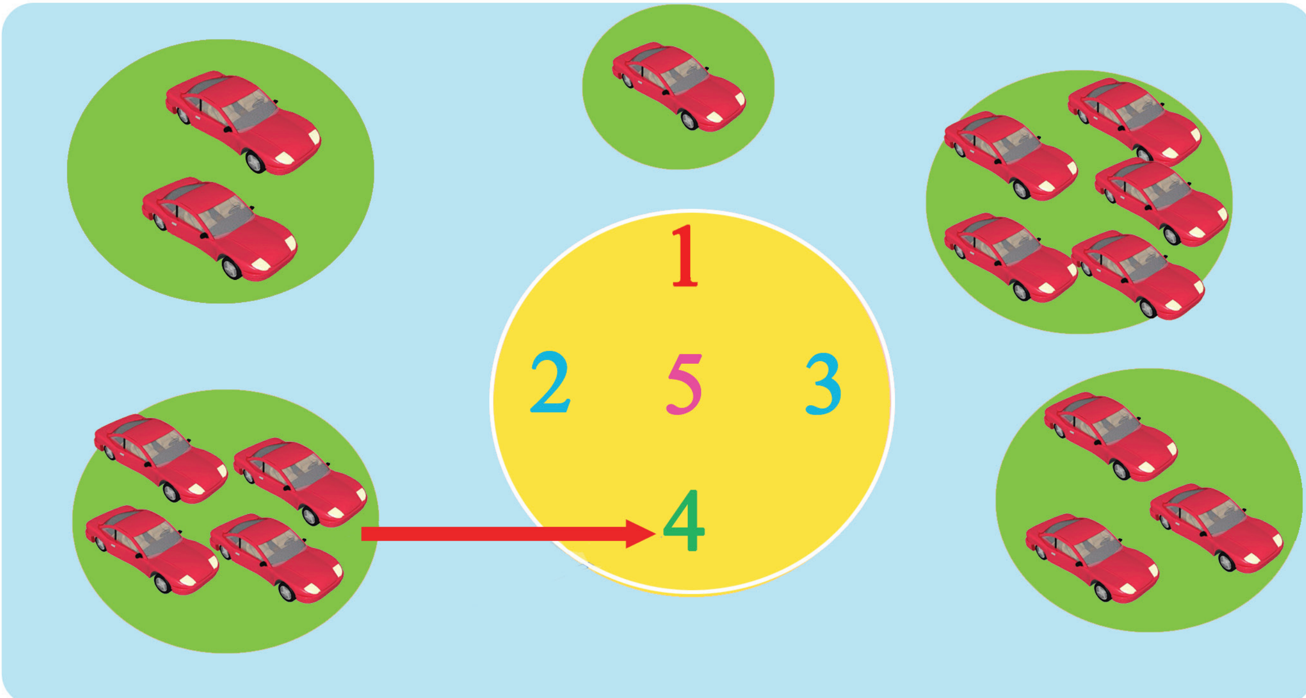
Gocha – 4



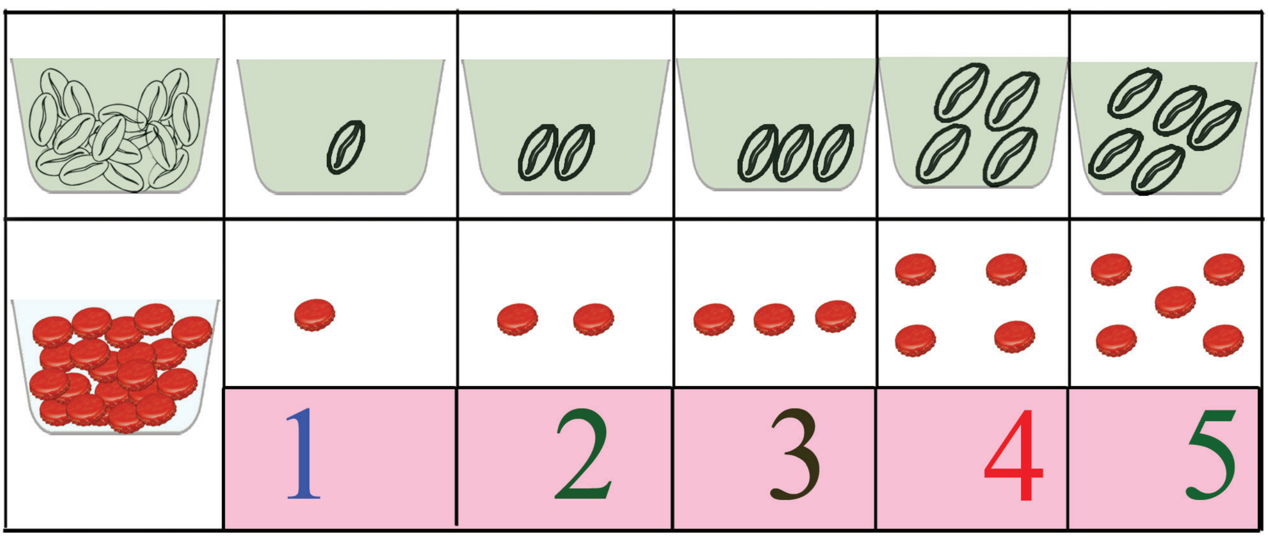
Gocha – 3 Lakkoosfota 1 – 5tti jiran sagalee ol kaasuudhaan lakkaa'uu. Fakkiiwwan lakkoofsota cinaa jiran lakkaa'uun bifa lakkoofsotaa hubatu. Lukkuu lama lakkaa'uun lakkoofsa 2 erga hubatanii booda, quba harkaatiin qilleensa Irratti lakkoofsicha barreessu. Lakkoofsota 1 – 5tti jiran mara haaluma kanaan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

Gocha – 4 Haaluuma fakkii irra jiruun quba harkaa lakkaa'uu fi barreeffama lakkoofsaa hubachuu.

Gilgaala - 2



Gohca – 5 Hojii garee

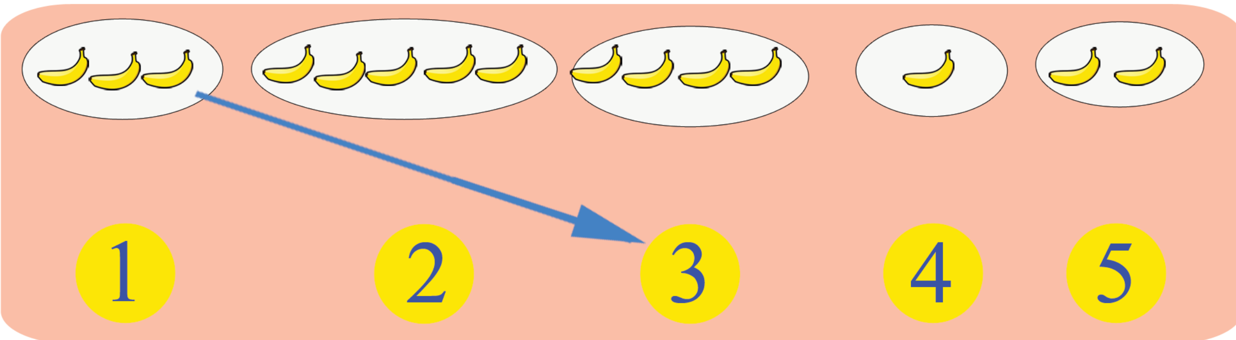


Gilgaala-2 Fakkiiwwan geengoo keessaa lakkaa'uun lakkoofsota 1 – 5tti kennaman wajjiin walitti firoomsuu.

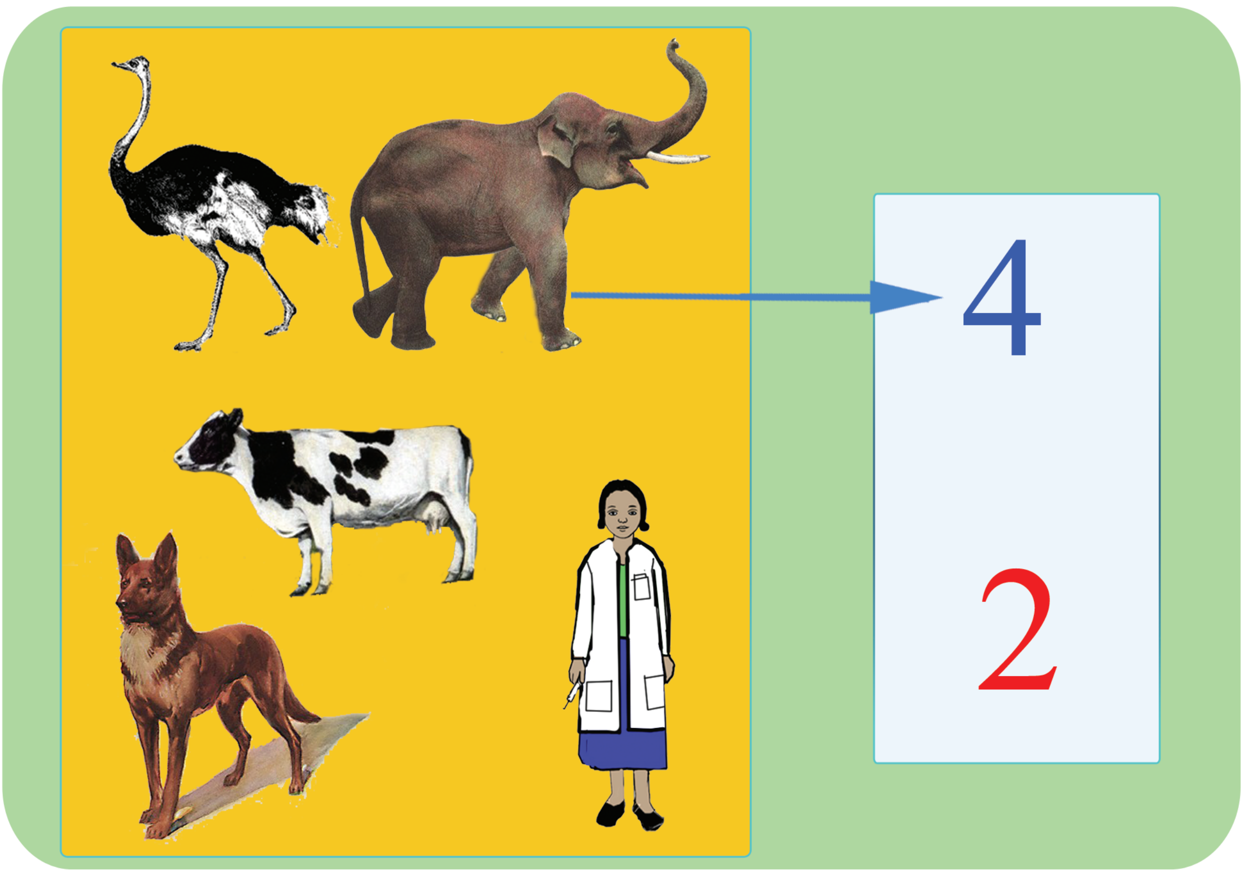
Gohca – 5

- Saddeeqota gabatee irraa bakka adda addaatti 1, 2,3, 4 fi 5 gochuun ramaduu.
- Qorkii gabatee irraa bakka adda addaatti 1, 2, 3, 4 fi 5 ramaduu.
- Lakkoofsotaa fi baay'ina fakkiiwwanii wal biratti ilaaluun hubachuu.

Gilgaala – 3



Gilgaala – 4



Gilgaala– 3 Baay'ina muuzotaa lakkoofsota 1 – 5tti barreeffamaniin firoomsuu

Gilgaala- 4 Fakkiiwwan miila afurii lakkoofsa 4 wajjiinii fi fakkiiwwan miila lamaa lakkoofsa 2 wajjiin walitti firoomsuu.

1 2 3 4 5 6 7 8 9

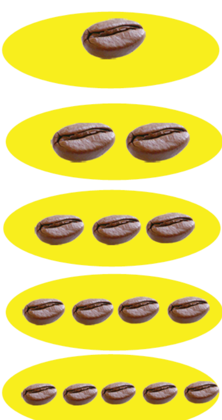
Gilgaala – 5

|	|	|	|	|	|	|	|	|	|
/	/	/	/	/	/	/	/	/	/
(	(	(	(	(	(	(	(	(	(
)	)	)	)	)	)	)	)	)	)

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 ___ ______ ______ ______ ______

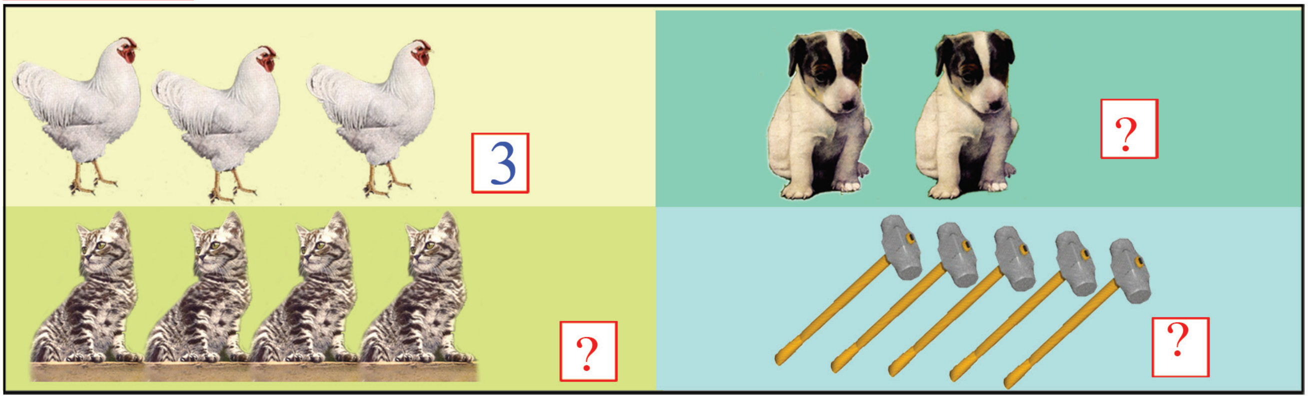
5 ___ ______ ______ ______ ______

Gilgaala 5
- Lakkoofsota barreessuu shaakaluudhaaf mallattoowwan kennaman dabtara isaanii irratti irra deddeebi'uun barreessuu.

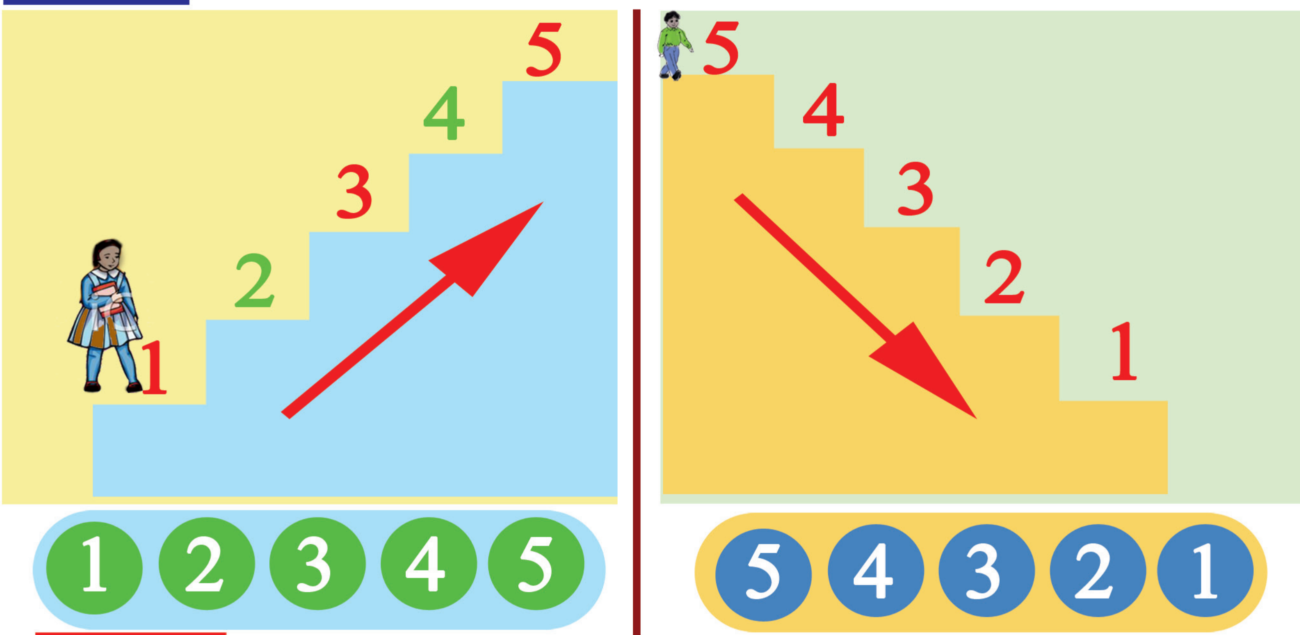
Gilgaala 6
- Lakkoofsota 1 – 5tti jiran quba harkaan qilleensa irratti barreessuun shaakaluu
- Lakkoofsota 1 – 5 tuqaawwan gurracheessuu fi irra deddeebi'uun dabtara irratti barreessuu.

Gilgaala 7
- Fakkii ija bunaa lakkaa'uun baay'ina isaanii lakkoofsaan irra deddeebi'uun dabtra irratti barreessuu.

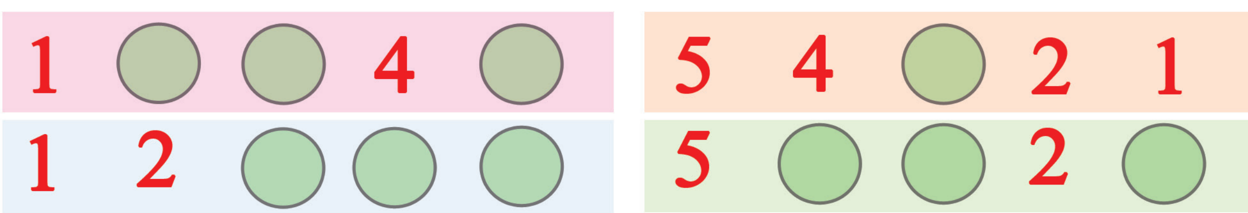
Gilgaala – 8



Gocha -6



Gilgaala – 9

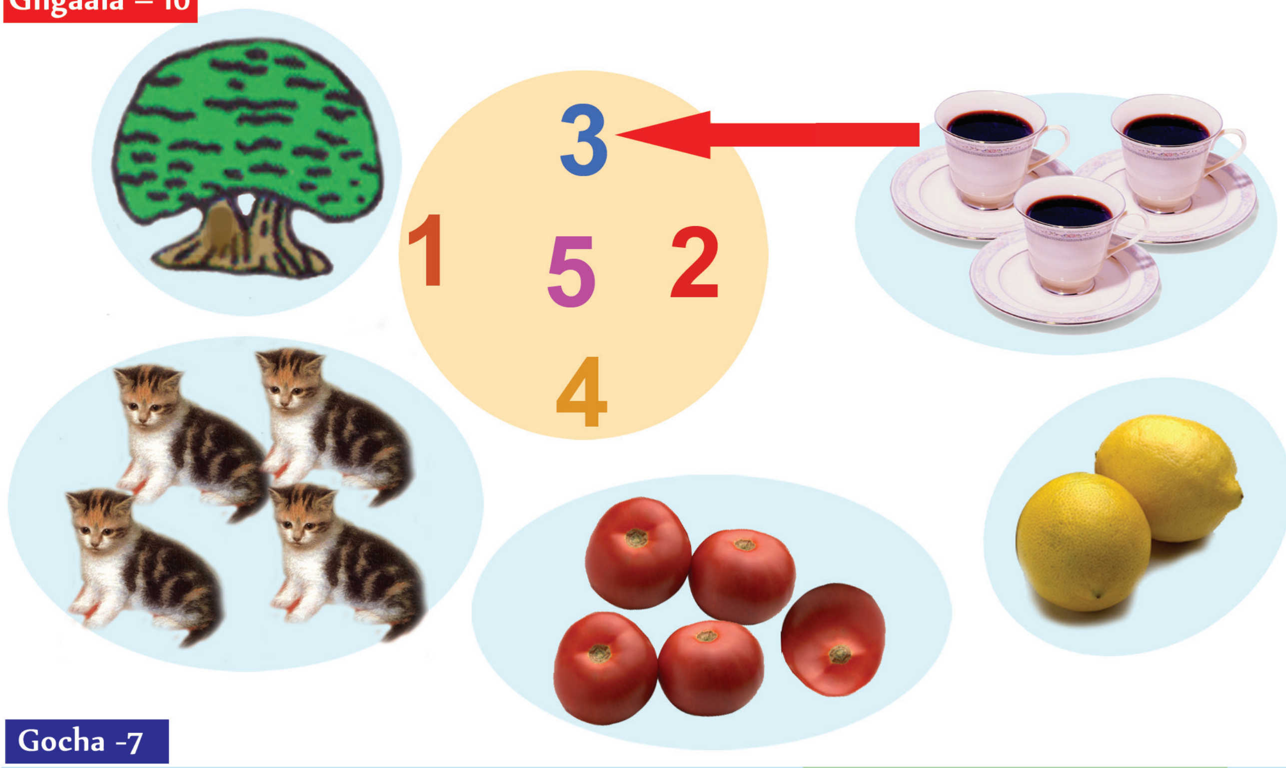


Gilgaala – 8
- Fakkiiwwan lakkaa'uun baay'ina lakkoofsa isaanii bakka duwwaatti barreessuu. Fakkeenya kenname hubadhu.
- Lakkoofsota 1 – 5tti jiran irra deddeebi'uun sagalee ol kaasuun dubbisuu.

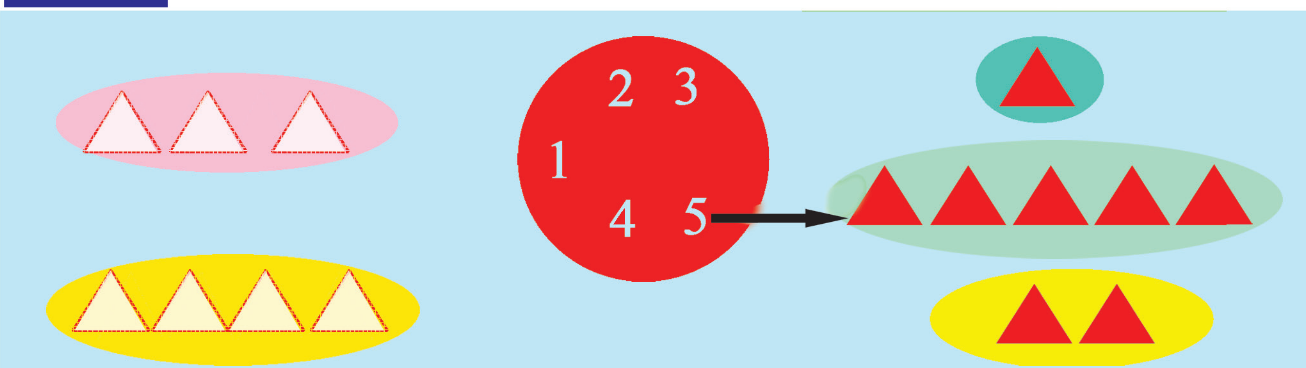
Gocha -6
- Riqaa olbaahuun lakkoofsa 1 irraa eegaluun amma 5tti lakkaa'uu.
- Riqaa irraa gadi bu'uun 5 irraa eegaluun amma 1tti lakkaa'uu.

Gilgaala -9
- Tartiiba lakkoofsaa hubachuun bakka duwwaa lakkoofsa sirrii ta'een guutuu.

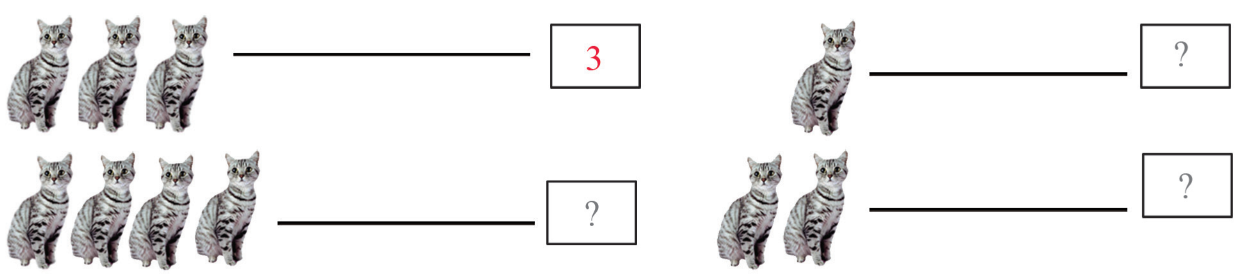
Gilgaala – 10



Gocha -7



Gilgaala – 11

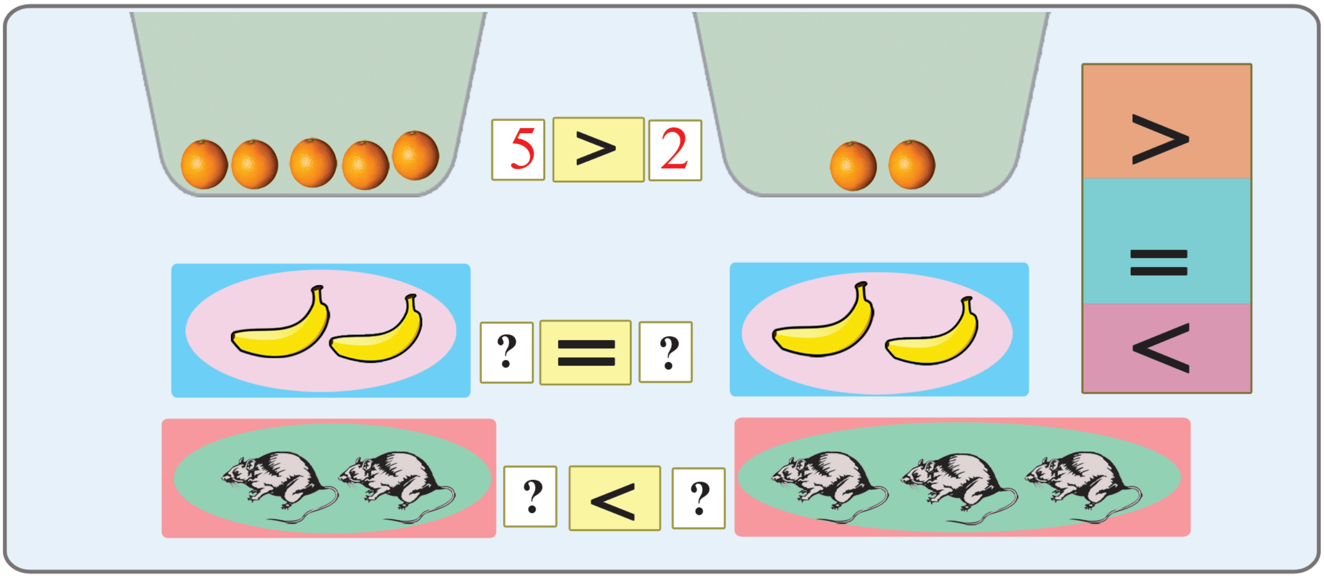


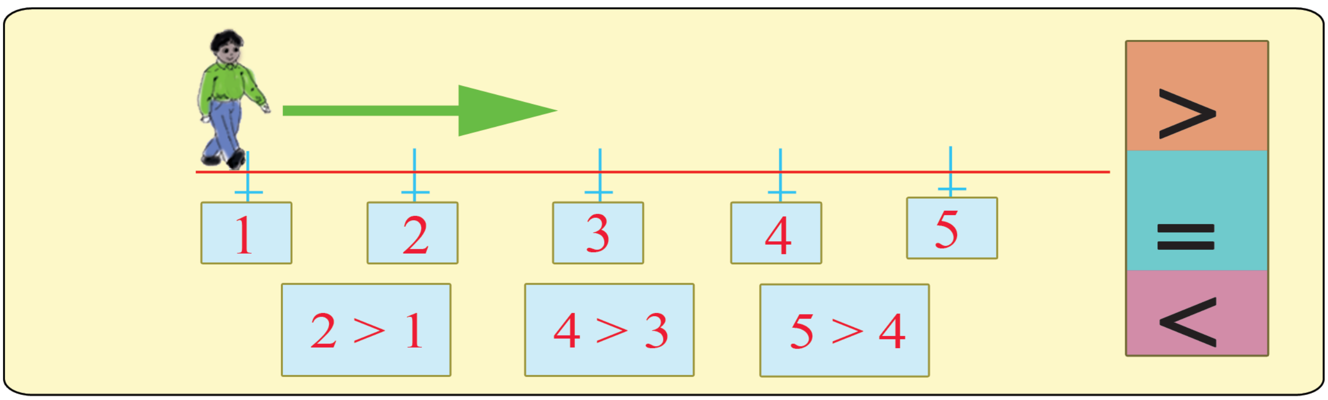
Gilgaala – 10 Baay'ina fakkiiwwanii lakkoofsa 1 – 5tti kan geengoo keessatti kennaman waliin firoomsuu.

Gocha -7 Baay'ina rogsadeewwanii lakkoofsota geengoo keessatti kennaman waliin firoomsuu.

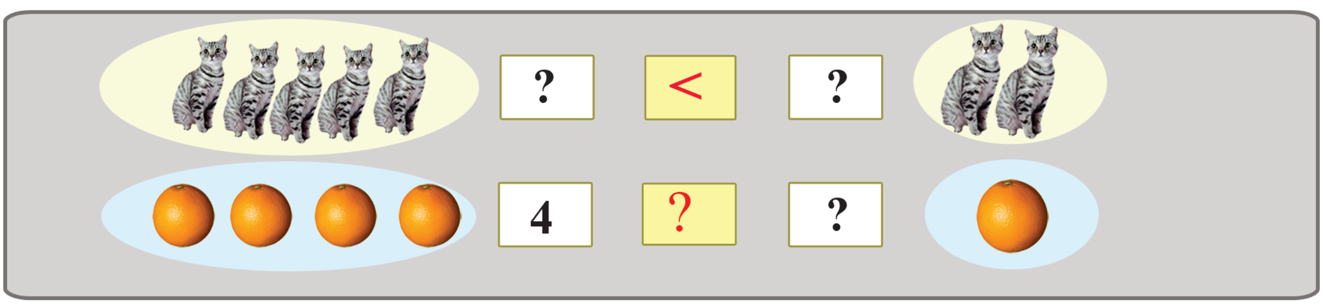
Gilgaala – 11 Fakkii lakkaa'uun baay'ina isaa bakka duwwaa irratti barreessuu.

Gocha – 8





Gilgaala – 12

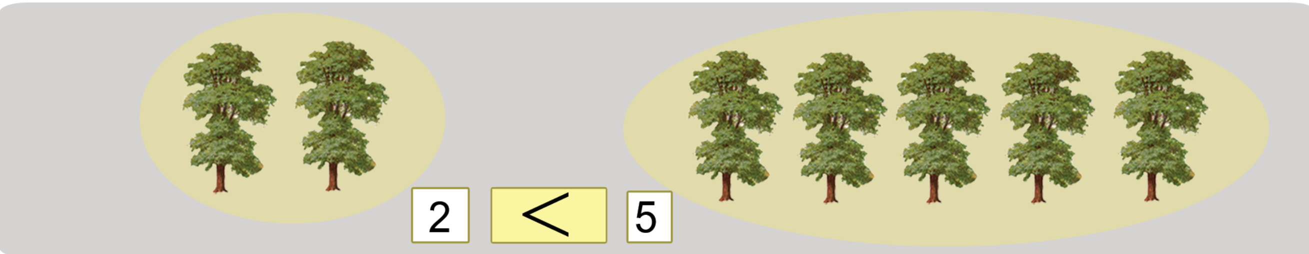


Gocha – 8 Baay'ina burtukaana kachoo keessaa waliin madaaluun mallattoo irra guddaa (>) baruu.

- Baay'ina muuzii bakka lamaanii waliin madaaluun mallattoo walqixaa (=) baruu.
- Gara mirgaatti sarara lakkoofsaa irra yoo deemnu lakkoofsonni dabalaa akka deeman hubachuu.

Gilgaala – 12 Baay'ina fakkii saanduqa duwwaa cinaa jiru keessatti barreessuu, bakka ? jirutti mallattoo >, < ykn = barreessuu.

Gocha – 9



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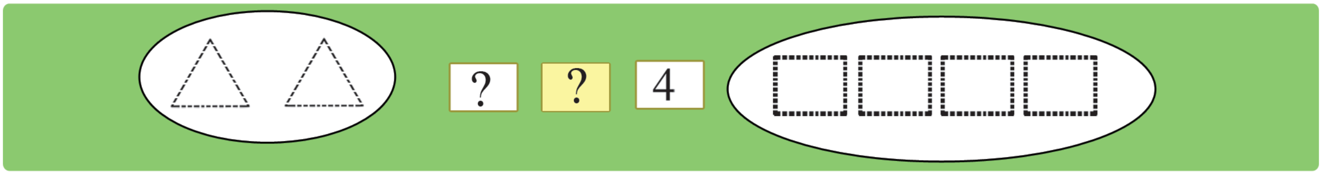
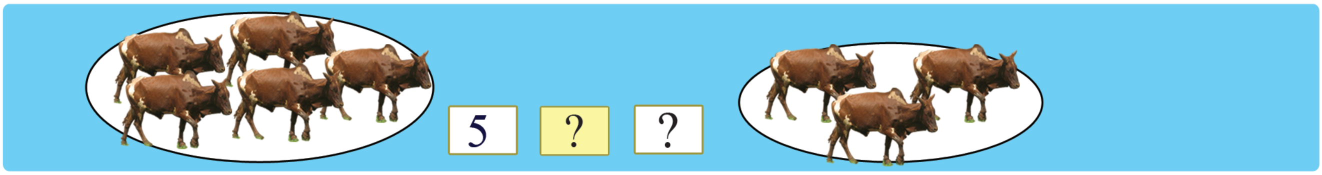




Gilgaala – 13

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

Gilgaala – 14

5	4	3	?	1
?	4	3	2	?

5	4	?	?	?
5	?	?	?	1

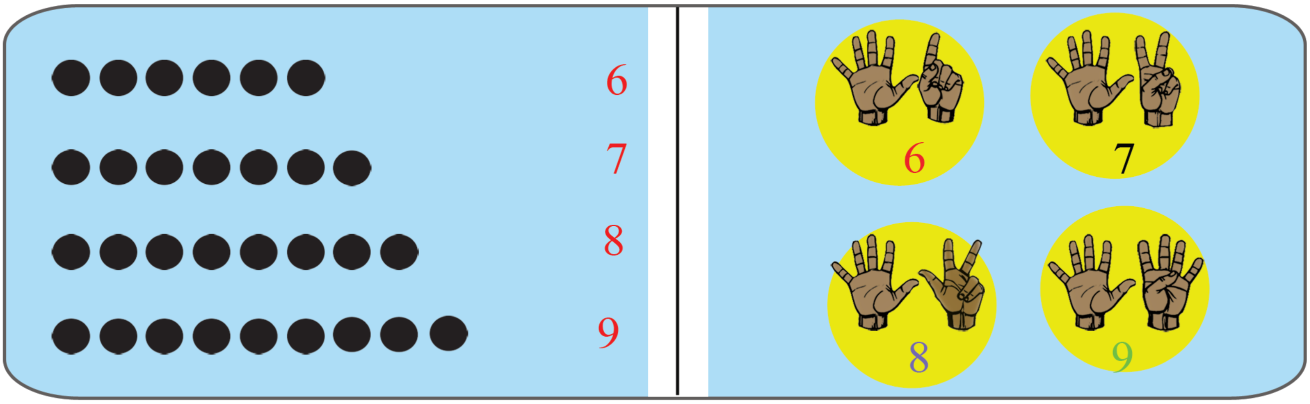
Gocha – 9 Fakkeenya kenname irratti hundaa'uun, fakkiiwwan lakkaa'uu, baay'ina fakkiiwwanii bakka duwwa keessatti barreessuu, mallattoo sirrii ta'een waliin madaaluu.

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

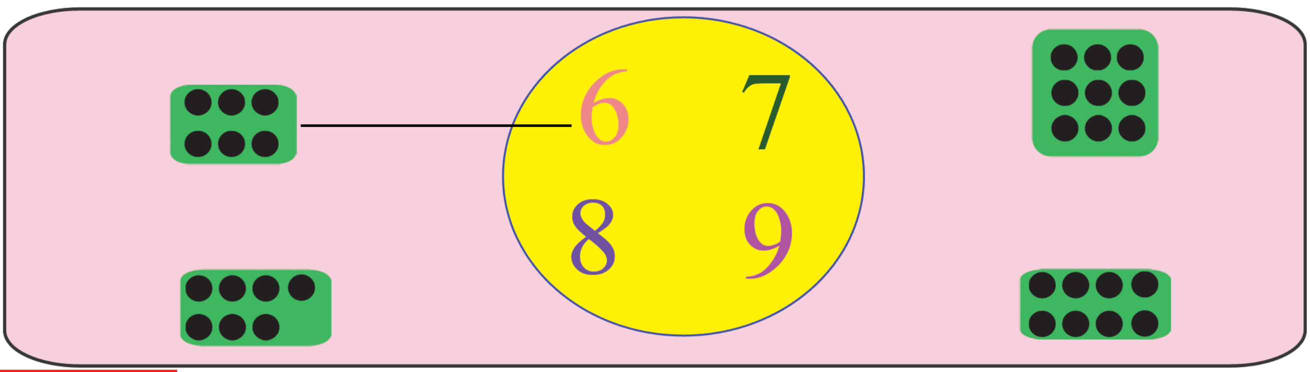
Gilgaala – 14 Tartiiba lakkoofsotaa hubachuun bakka duwwaa lakkoofsa sirrii ta'een guutuu.

1.2 Lakkoofsota lakkaawwii 6 – 9tti fi tartiiba isaanii

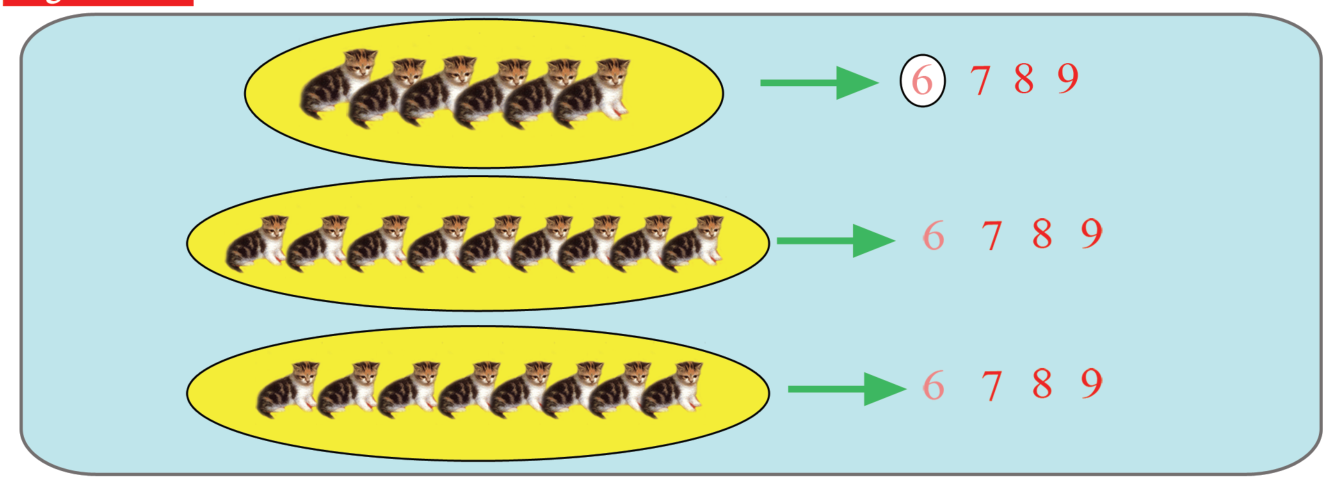
Gocha – 10



Gilgaala –15



Gilgaala –16



Gocha – 10	Sagalee ol ka'aan 6 – 9tti irra deddeebi'uun dubbisuu. Quba harkaa fi danaa geengoo lakkaa'uu.
Gilgaala – 15	Baay'ina tuqaalee lakkoofsota waliin firoomsuu.
Gilgaala – 16	Fakkiiwwan lakkaa'uun lakkoofsa baay'ina isaa mul'isu irra maruu.

1 2 3 4 5 6 7 8 9

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	?	?	?	7	?	?
1	?	3	?	5	?	?	?	9
1	?	?	?	?	6	7	?	?
?	2	?	4	?	?	?	?	9

Gilgaala– 17 Lakkoofsota tuqaaleen muli'faman gurraachessuu 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 duwwaa lakkoofsota sirriidhaan guutuu.

Gilgaala – 19

5 → ☐	4 → ☐	7 → ☐
3 → ☐	8 → ☐	2 → ☐
6 → ☐	1 → ☐	

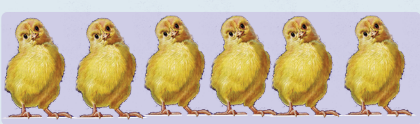
Gocha – 12

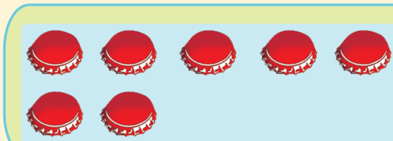
9 8 7 6 5 4 3 2 1

Gilgaala – 20

8 → 9	? → 5	? → 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.

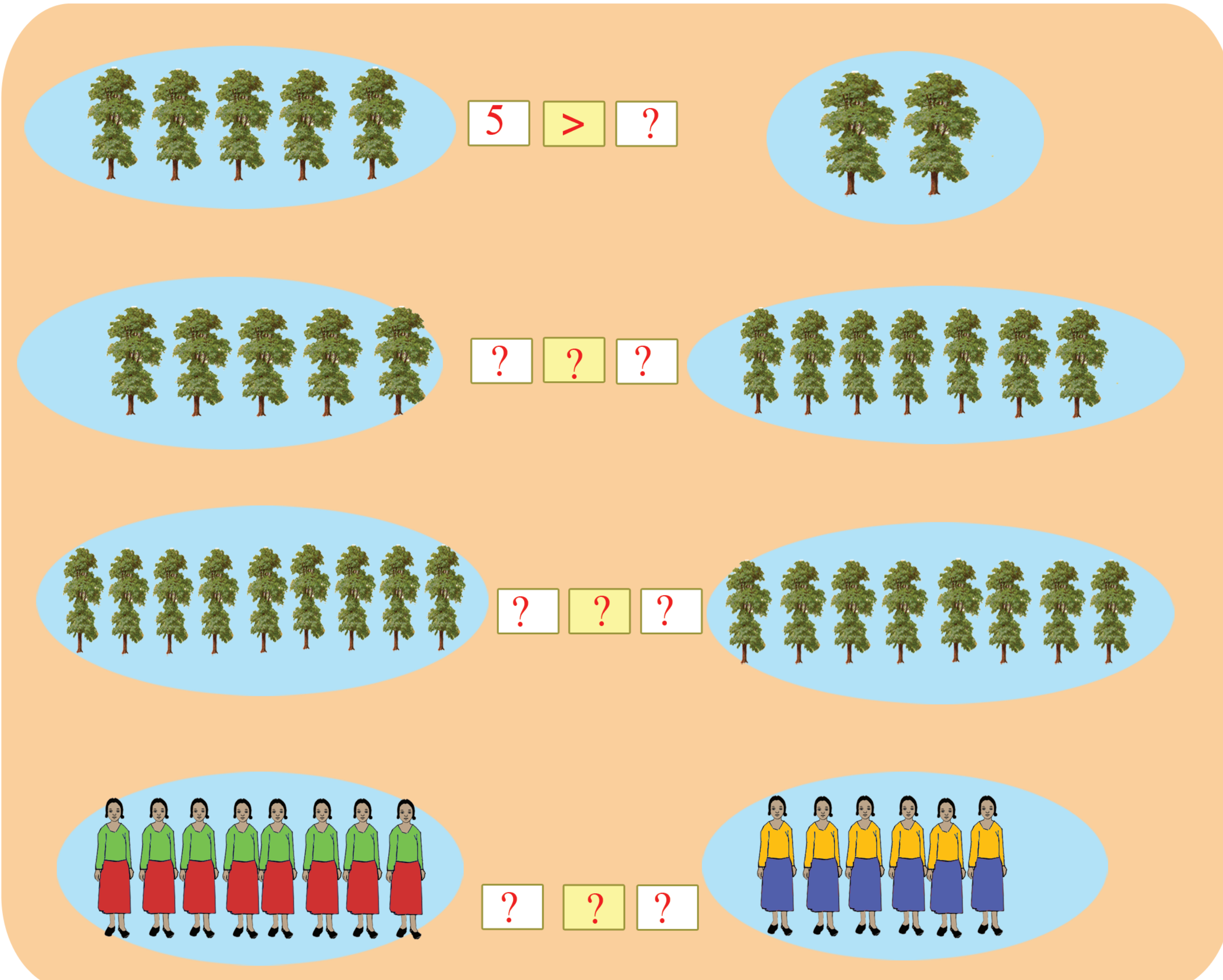
Gilgaala – 20 Dursaa lakkoofsota kennamanii saanduqa keessatti barreessuu.

Gilgaala – 21 Baay'ina fakkiiwwanii saanduqa duwwa keessatti barreessuu.

1 2 3 4 5 6 7 8 9

> < =

Gocha – 13



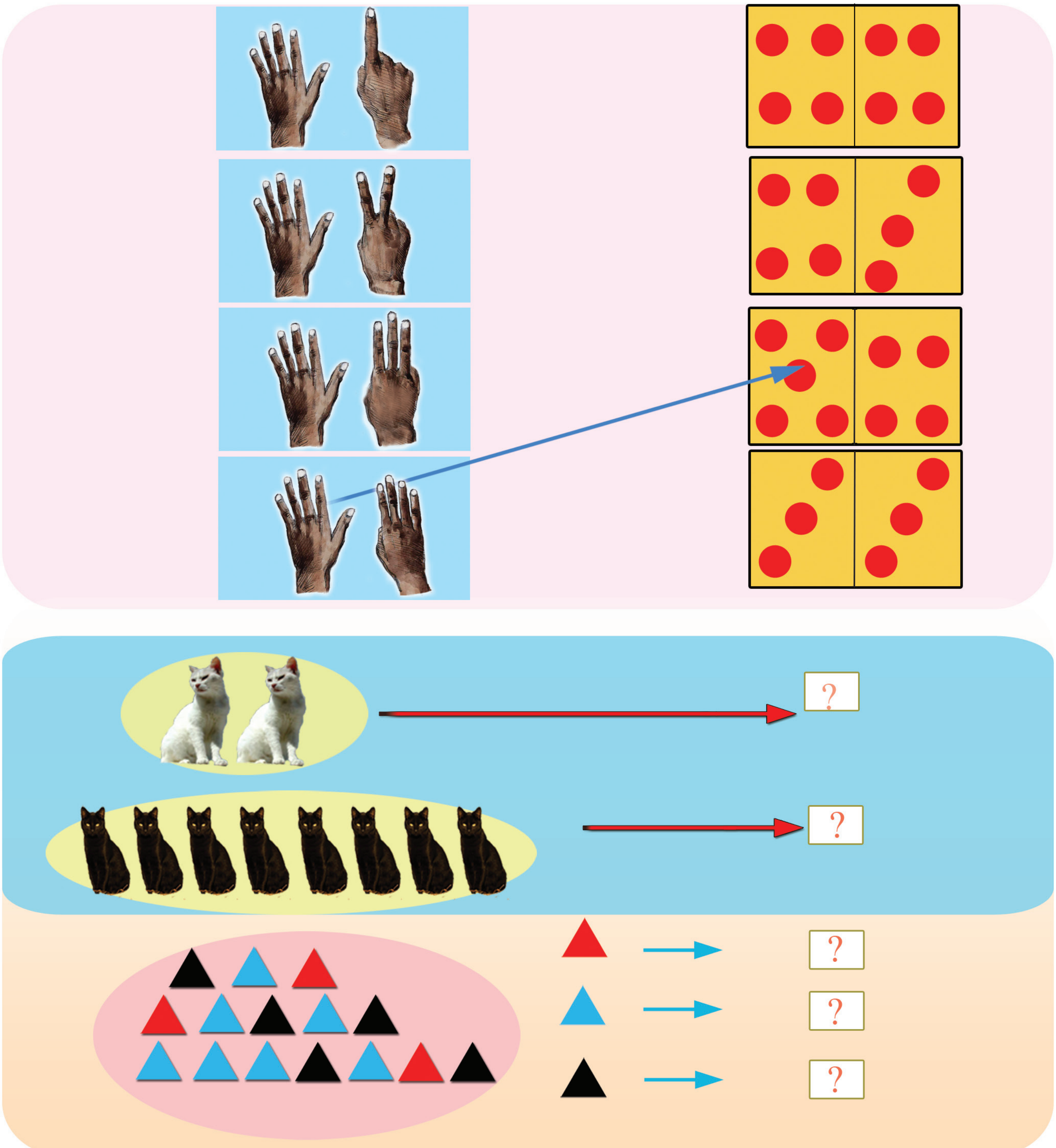
Gilgaala – 22

9	>	6	3	?	8	7	?	4	6	?	1
5	?	8	8	?	9	8	?	3	9	?	8

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

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

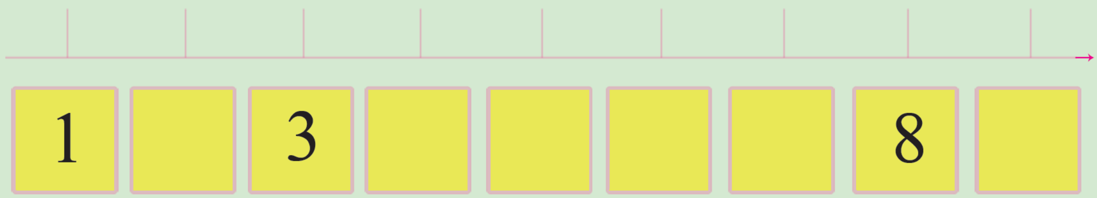
Gocha – 14



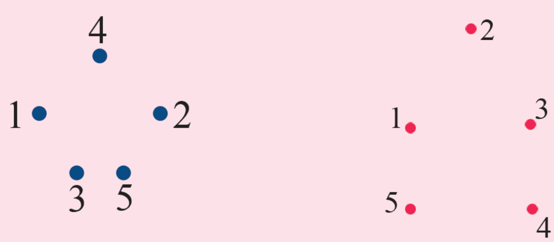
Gocha – 14

- Lakkoofsa baay'ina qubaa lakkoofsa baay'ina tuqaalee waliin firoomsuu.
- Adurreewwan lakkaa'uun baay'ina isaanii barreessuu.
- Rogsadeewwan halluu adda addaa qaban lakkaa'uun baay'ina isaanii barreessuu.

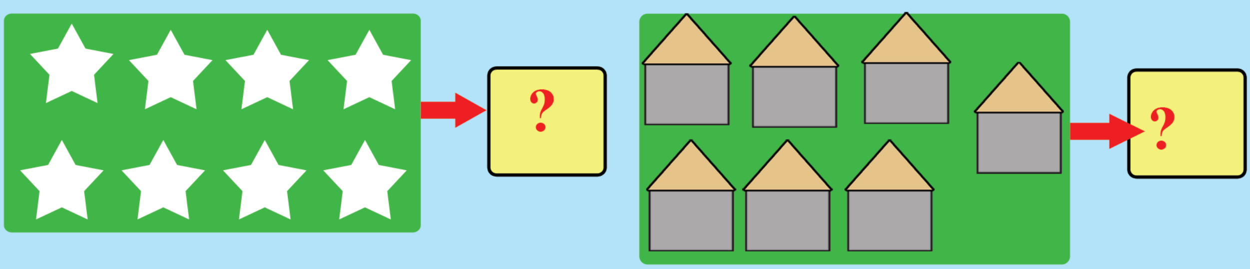
Gocha – 15



Gocha – 16 (Tapha)



Gilgaala – 23



Gocha – 15	Lakkoofsota hir'atan bakka "?"' tti barreessuu.
Gocha – 16	Tuqaa lakkoofsa1 irraa eegaluun sararaan walqabsiisuun bakka jalqabaatti deebi'uu.
Gilgaala – 23	Fakkiiwwan lakkaa'uun baay'ina isaanii saanduqoota duwwaa keessatti barreessuu.

Boqonnaa 2

IDA'UU FI HIR'ISUU LAKKOOFSOTA LAKKAAWWII HAMMA 9TTI

+ – =

$2 + 5 = 7$

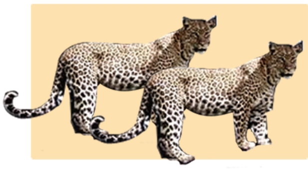
$7 - 2 = 5$

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

Lakkoofsota 1 – 5tti jiran ida'uu

Gocha – 1

Lakkaa'uu


2

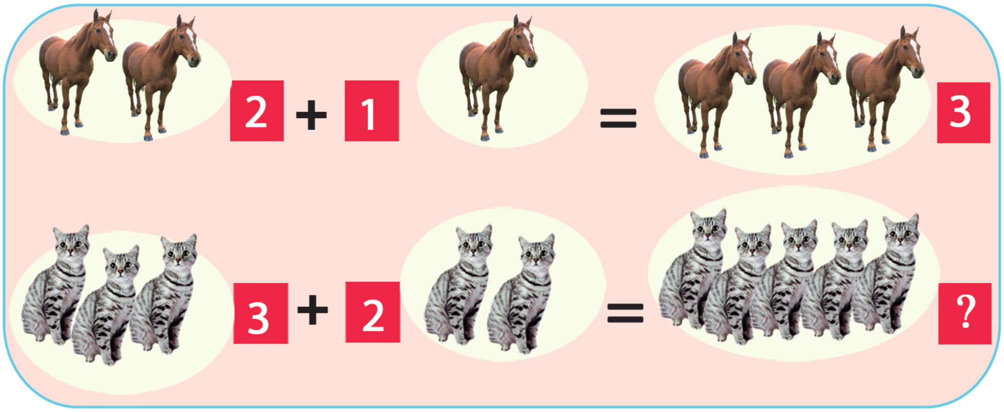
?

?

?

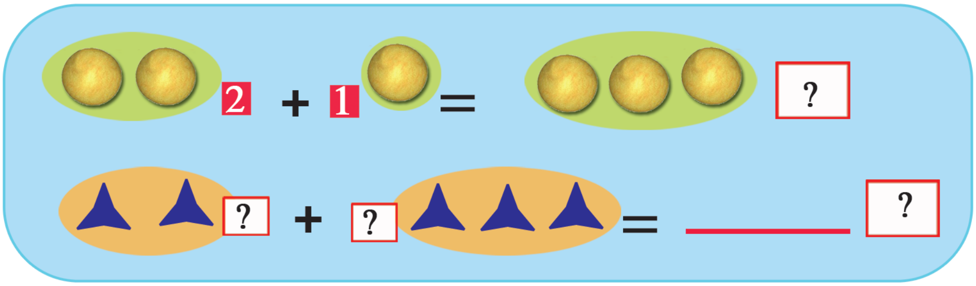
Ida'uu

Gocha – 2



$2 + 1 = 3$

$3 + 2 = 5$



2 + 1 = ?

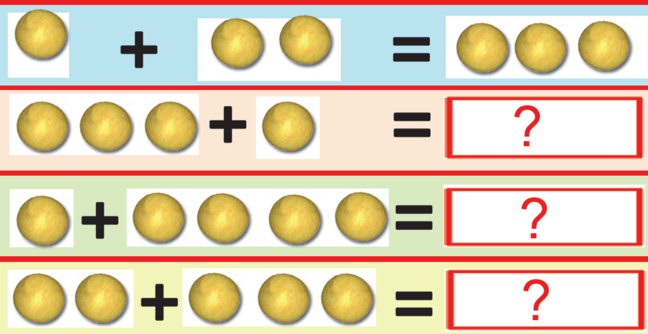
? + ? = 5

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

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

0 1 2 3 4 5 6 7 8 9 + − =

Gilgaala – 1



1 + 2 = ?

3 + 1 = ?

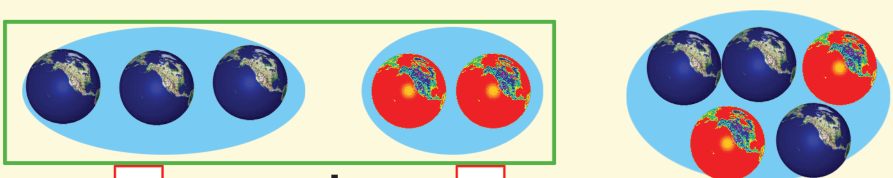
1 + 4 = ?

2 + 3 = ?

Gilgaala – 2

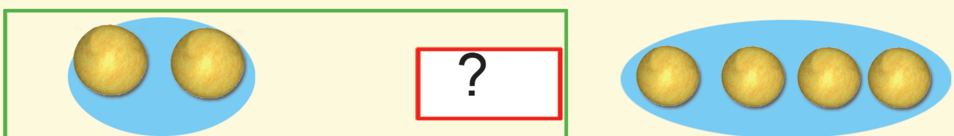
2 + 1 = 3

2 + 1 = 3



3 + 2 = ?

3 + 2 = ?



? + ? = ?

2 + ? = 4

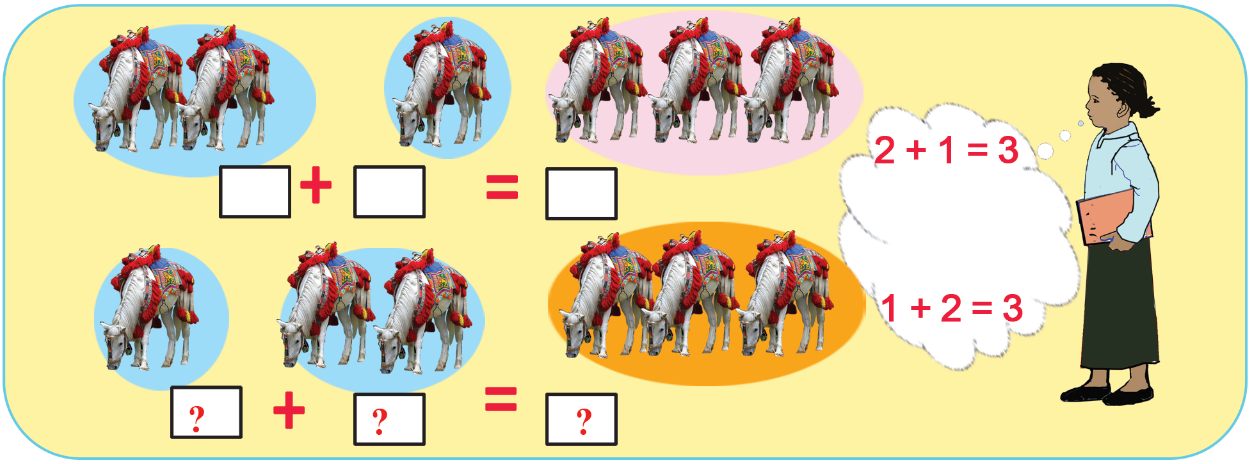
? + ? = ?

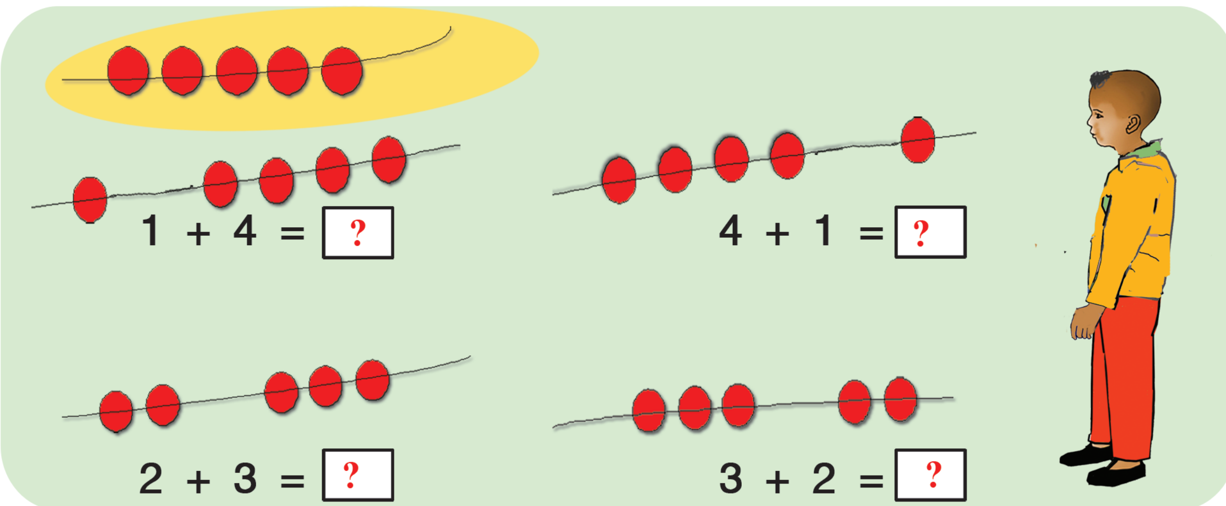
3 + 1= ?

Gilgaala – 1 Tuqaalee lakkaa’uu fi walitti makuun lakkaa'uun ida’ama isaanii argachuu.

Gilgaala – 2 Lakkoofsa saanduqa keessatti barreeffamuu qabu fakkiiwwan hordofuun argarchuu.

Gocha – 3





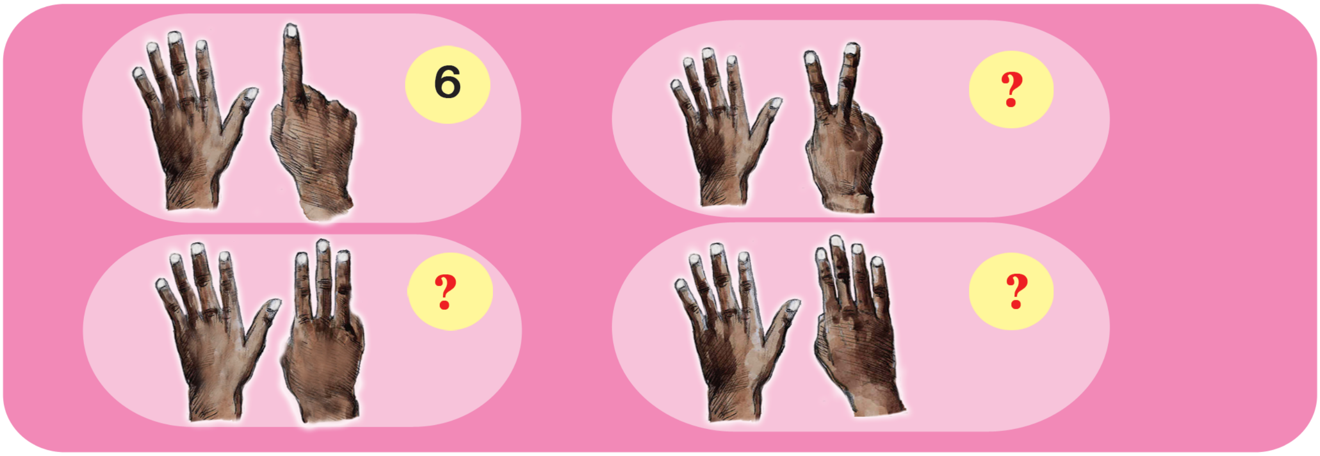
Gilgaala– 3

1 + 3 = ?	3 + 1 = ?
2 + 1 = ?	1 + 2 = ?
1 + 4 = ?	4 + 1 = ?

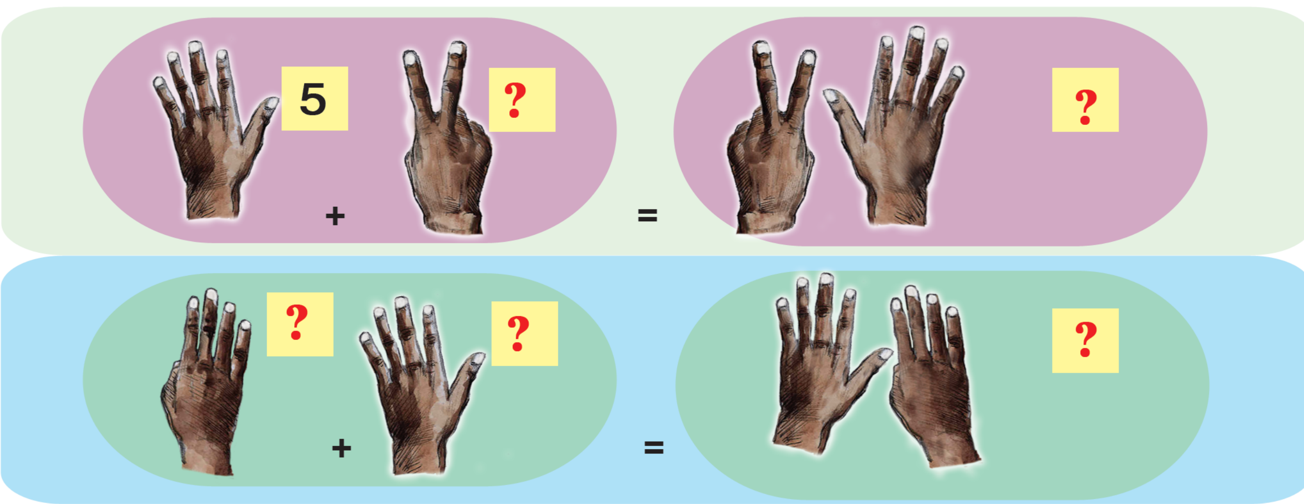
Gocha -3 Ida’amoota wal cinaa jiran waliin madaaluun yaada walii galaa tokko irra ga’uu.

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

Gocha – 4



Gilgaala – 4



5 + 1 = ?

5 + 3 = ?

5 + 4 = ?

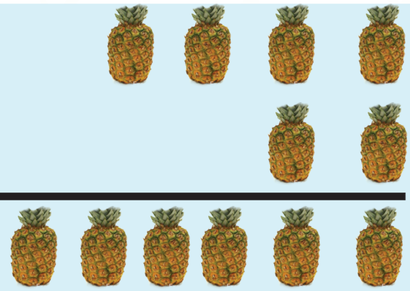
4 + 5 = ?

3 + 5 = ?

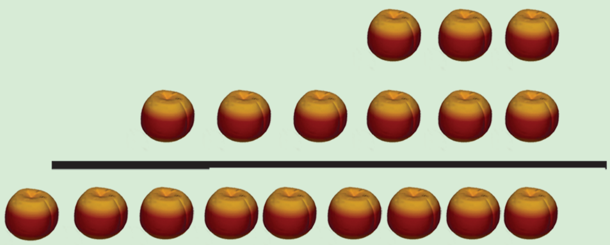
Gohca – 4 Quba harkaa lakkaa'uu

Gilgaala– 4 Quba harkaa lakkaa'uun ida'uu.

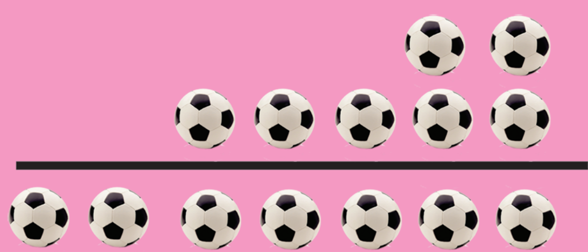
Gocha – 5



4	
+2	
6	



3	6
+6	+3
9	☐



2	5
+5	+2
☐	☐

Gilgaala – 5

3	|||	5	|||||
+ 5	|||||	+ 4	||||
☐	||||||||	☐	___

2	5	6	2
+3	+ 1	+3	+ 5
☐	☐	☐	☐

Gocha – 5 Fakkiiwwan kennamanitti fayyadamuun irraa gadee ida'uu.

Gilgaala – 5 Sararootatti fayyadamuun irraa gadee ida'uu.

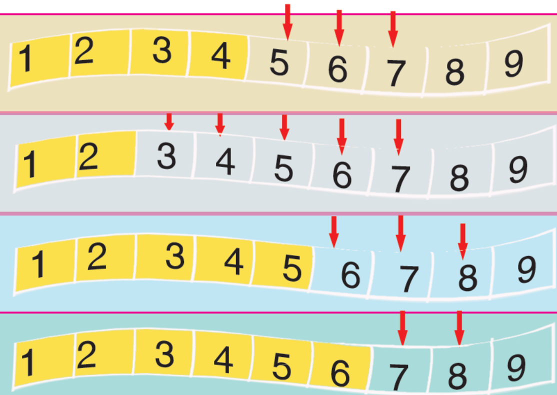
Gilgaala – 6

4 + 3 = 7

2 + 5 = ?

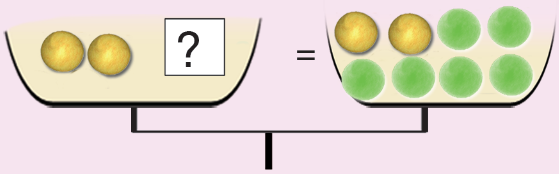
5 + 3 = ?

6 + 2 = ?



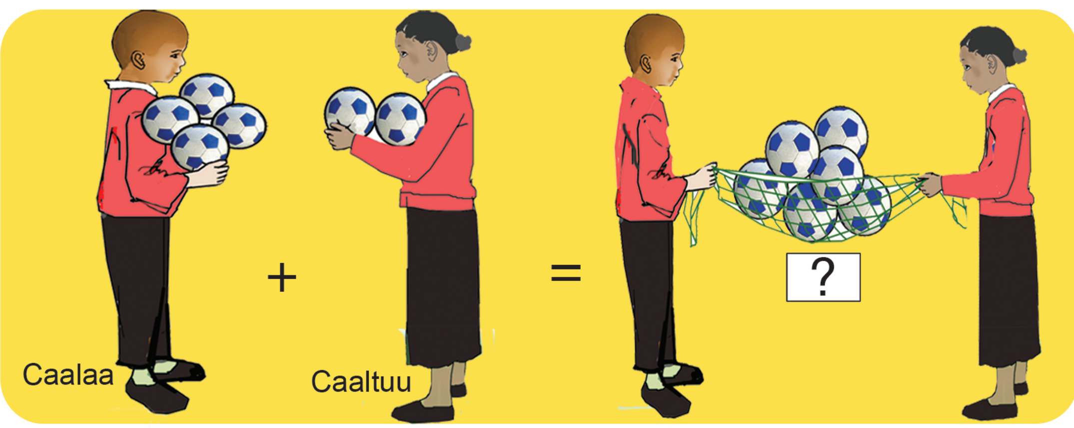
Gohca – 6

Madaala akkamiin walqixxeessuun danda'ama?



2 + ? = 8

Gilgaala – 7 Pirobileemota jechaa



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

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

Gilgaala – 7 Danaa (fakkii) kennamanitti fayyadamuun piroobileemota jechaa furuu.

Gocha – 7

2 + [?] = 6 1 + [?] = 7

3 + [?] = 8 2 + [?] = 9

5 + [?] = 9 4 + [?] = 9

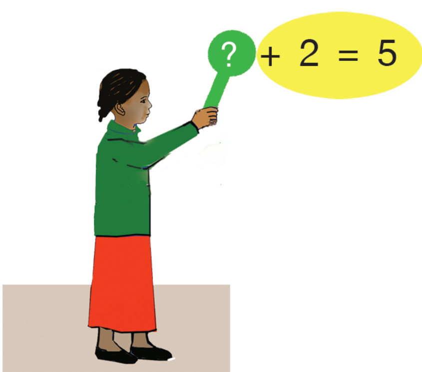
Gilgaala– 8

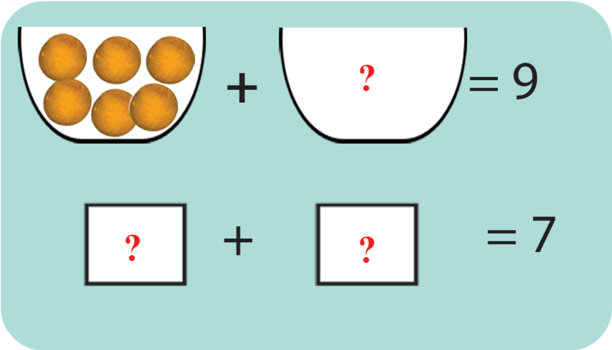
Ida'amni 5		
1	+	4
2	+	?
3	+	?
4	+	?

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

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

Gilgaala – 9





Gocha – 7 Bakka duwwaa lakkoofsa sirrii ta'een guutuu.

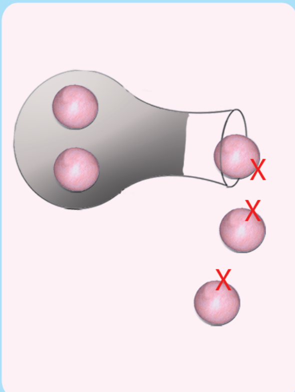
Gilgaala – 8 Gabateewwan kennaman irratti bakka "?" tti ida'amtoota sirrii ta'an guutuu.

Gilgaala – 9 Fakkiiwwan kennaman faana bu'uun piroobileemota Jechaa furuu.

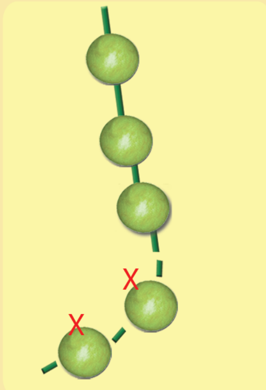
0 1 2 3 4 5 6 7 8 9 + - =

2.2 Hir'isuu Lakkoofsota lakkaawwii Hamma 9 tti

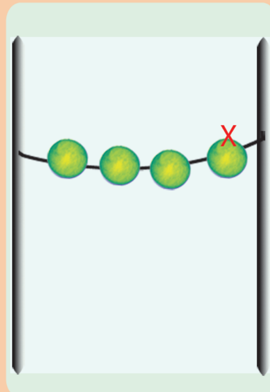
Gohca – 8



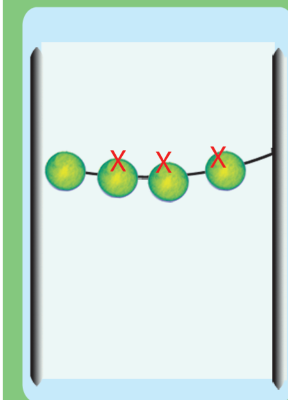
$5 - 3 = \boxed{2}$



$5 - 2 = \boxed{}$

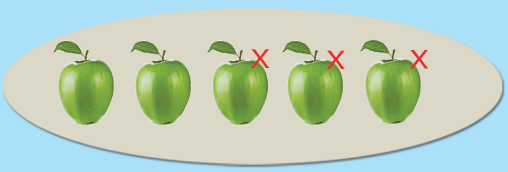


$4 - 1 = \boxed{}$



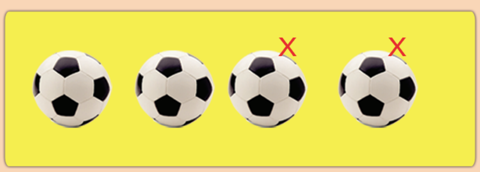
$4 - 3 = \boxed{}$

Gilgaala – 10

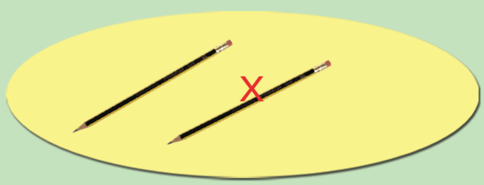


$5 - 3 = \boxed{?}$

$5 - 4 = \boxed{?}$



$4 - 2 = \boxed{?}$

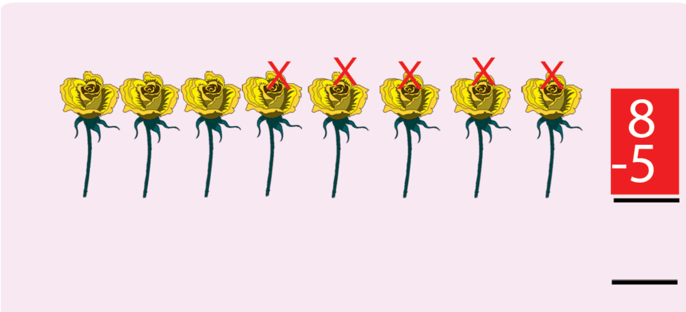


$2 - 1 = \boxed{?}$

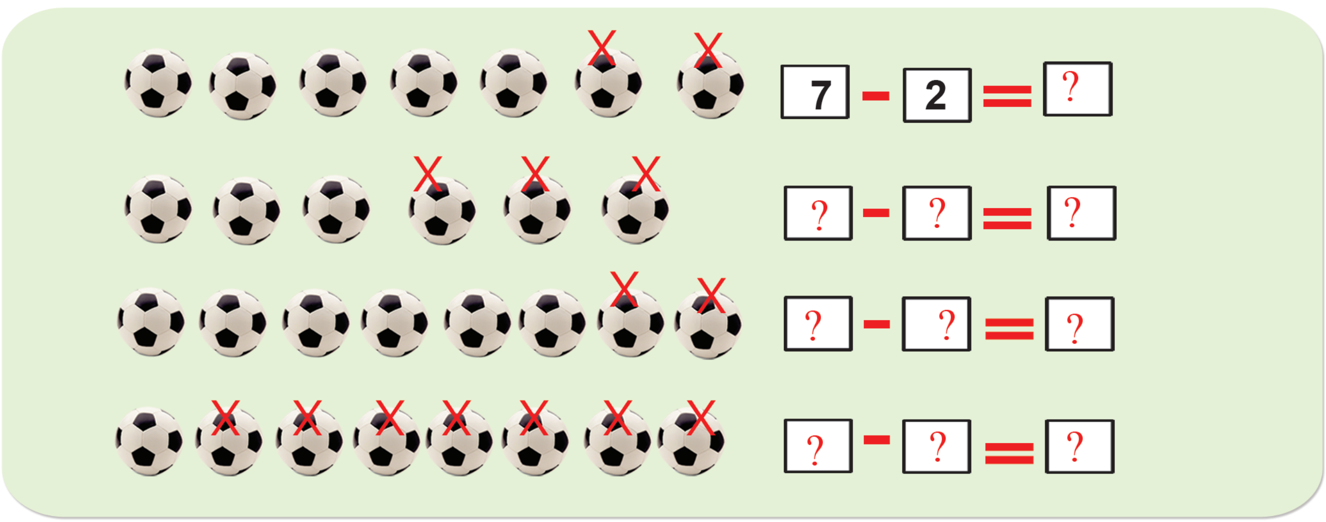
Gocha – 8 Danaalee ilaaluun firii hima hir'isuu saanduqa duwwaa keessatti barreessuu.

Gilgaala – 10 Caalmaa saanduqa duwwaa keessatti guutuu.

Gilgaala – 11



Gocha – 9



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 saanduqoota duwwaa keessatti barreessuu.

Gilgaala– 12

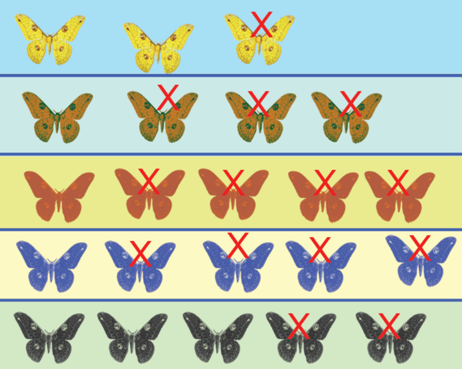
3 - 1 = ?

4 - 3 = ?

5 - 2= ?

5 - 4 = ?

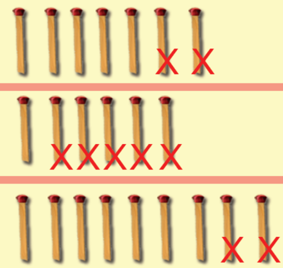
5 - 2 = ?



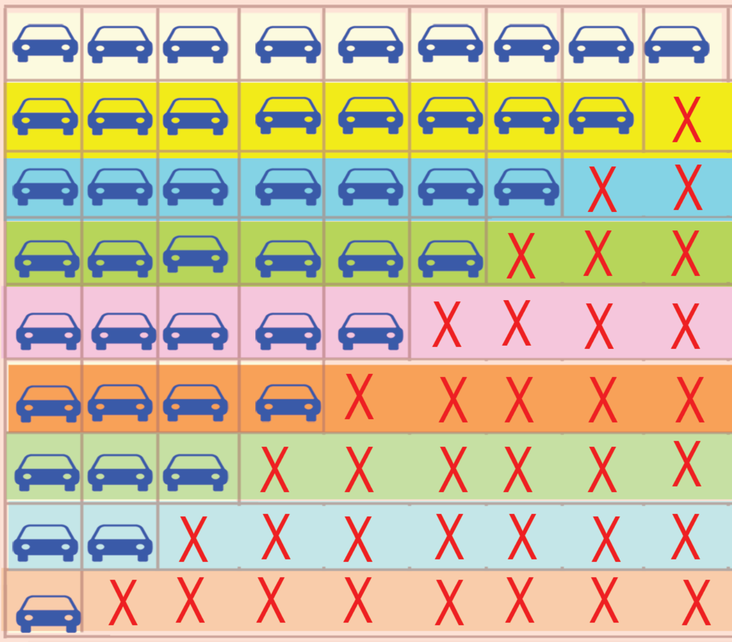
7 - 2 = 5

6 - 5 = ?

9 - 2 = ?



Gilgaala– 13



9

9 - 1 = 8

9 - 2 = ?

9 - 3 = ?

9 - 4 = ?

9 - 5 = ?

9 - 6 = ?

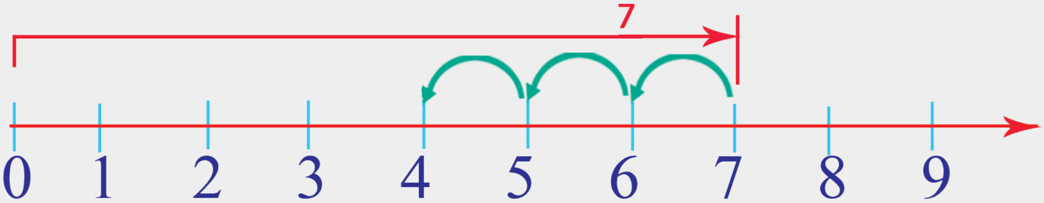
9 - 7 = ?

9 - 8 = ?

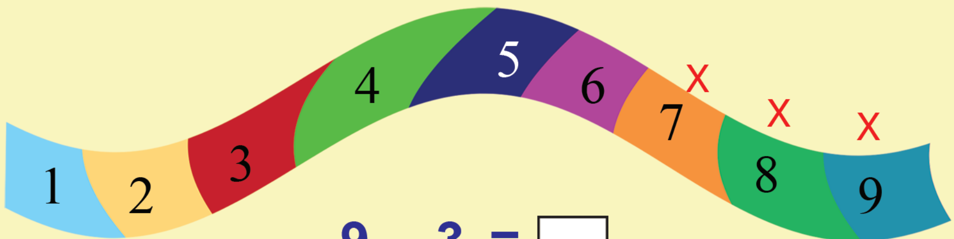
Gilgaala– 12 Caalmaa isaanii saanduqa duwwaa keessatti guutuu.

Gilgaala– 13 Fakkiiwwan lakkaa’uun caalmaa lakkoofsotaa shallaguu.

Gocha – 10



7 - 3 = □



9 - 3 = □

Gilgaala – 14

9 - 4 = ?	8 - 4 = ?	8 - 2 = ?
7 - 5 = ?	9 - 6 = ?	9 - 1 = ?
6 - 4 = ?	7 - 6 = ?	8 - 6 = ?

Gilgaala – 15

9 - 6 ____	5 - 1 ____	7 - 5 ____	9 - 8 ____	6 - 4 ____
8 - 4 ____	9 - 2 ____	7 - 5 ____	6 - 3 ____	8 - 6 ____

Gocha – 10 Xiyya lakkoofsaa irratti gara bitaatti deemuun hir'isuu.

Gilgaala – 14 Dalga hir'isuu.

Gilgaala – 15 Irraa gadee hir'isuu.

Gocha – 11

8 - 6 = 2

8 - 2 = 6

2 + 6 = ?

9 - ? = 5

9 - ? = 4

4 + 5 = ?

7 - 3 = 4

7 - ? = 3

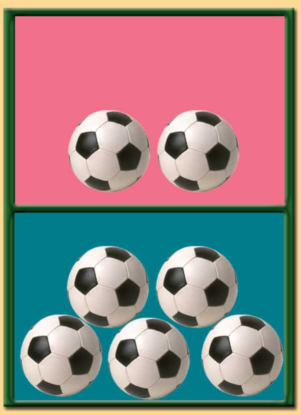
3+ 4 = ?

9 - 6 = ?

9 - ? = 6

3 + 6 = ?

Gocha – 12



2 + 5= ?

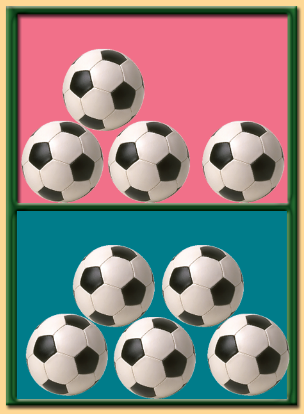
7 - 2 = ?

7 - 5 = ?

3 + 5= ?

8 - 3 = ?

8 - 5 = ?



4 + 5 = ?

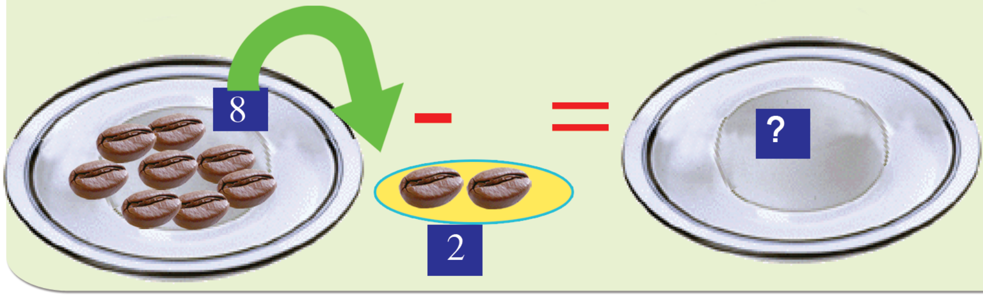
9 - 4 = ?

9 - 5 = ?

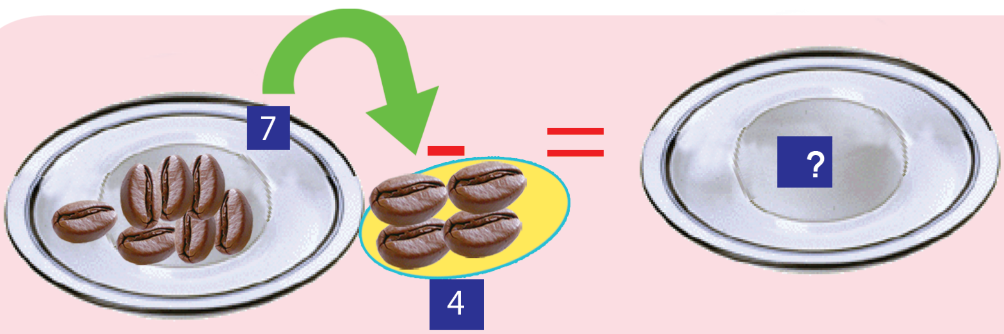
Gocha – 11 Saanduqa duwwaa guutuun hariiroo ida'uu fi hir'isuu hubachuu.

Gohca – 12 Kubbaalee lakkaa'uun qooyyaba hir'isuu fi ida'uu hojjechuu, hariiroo isaaniis hubachuu.

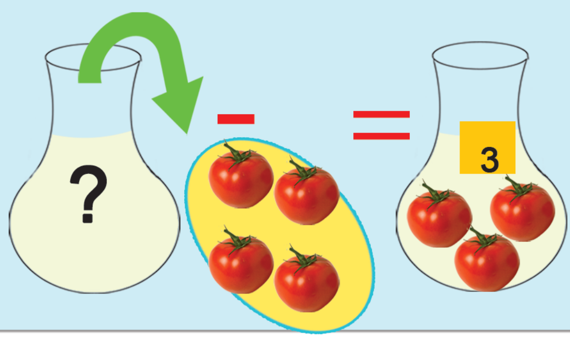
Gilgaala– 16



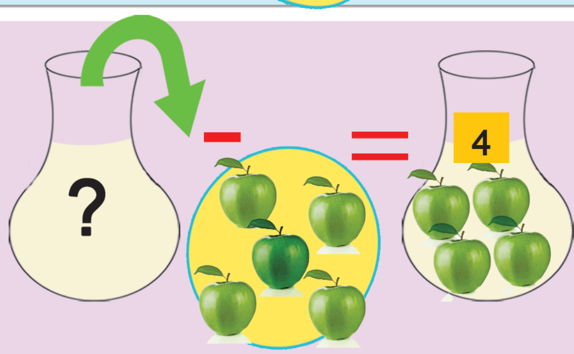
8 - 2 = ?



7 - 4 = ?



? - 4 = 3



? - 5 = 4

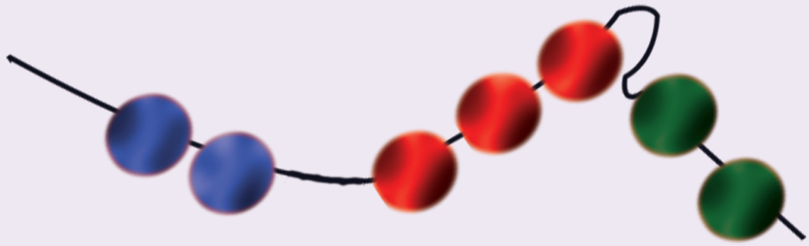
Gilgaala – 16 Baay'ina ija bunaa okkotee keessaa kan lafa jiru hir'isuun kan hafe barreessuu.

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

2.3 Ida’uu lakkoofsota lakkaawwii sadii kanneen ida’amni isaanii 9 hin caalle

Gocha – 13

3 + 1 + 2 = ?



2 + ____ + ____ = ?

Gilgaala – 17

1+2+3= ?

2+3+4= ?

1+3+5= ?

1+1+1= ?

3+3+3= ?

2 + 4 + 1 = ?

1 + 1 + 7 = ?

2 + 3 + 1 = ?

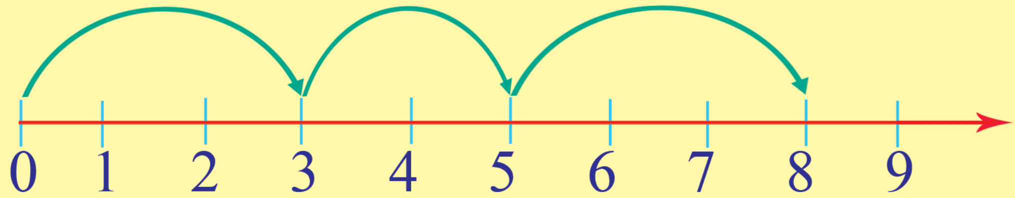
1 + 2 + 6 = ?

5 + 1 + 1 = ?

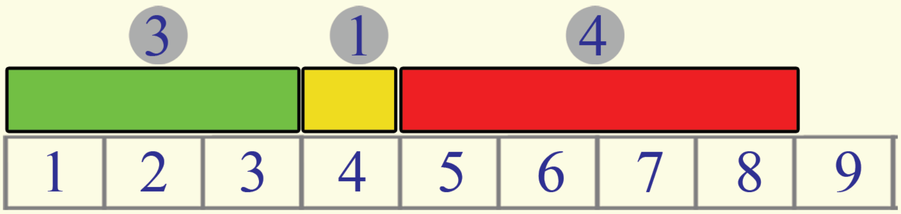
Gocha – 13 Fakkii halluun isaanii tokkichaa walitti ida'uu.

Gilgaala – 17 Lakkoofsota sadi sadi ida'uu.

Gohca – 14

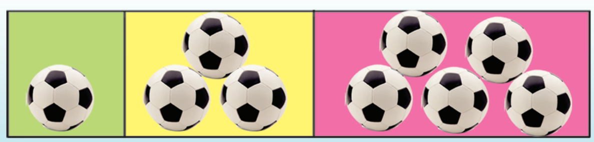


$3 + 2 + 3 =$?



$3 + 1 + 4 =$?

Gocha – 15



$9 = 1 + 3 + 5$

9 = 2 + _____ + _____

? + ? + ? = 9

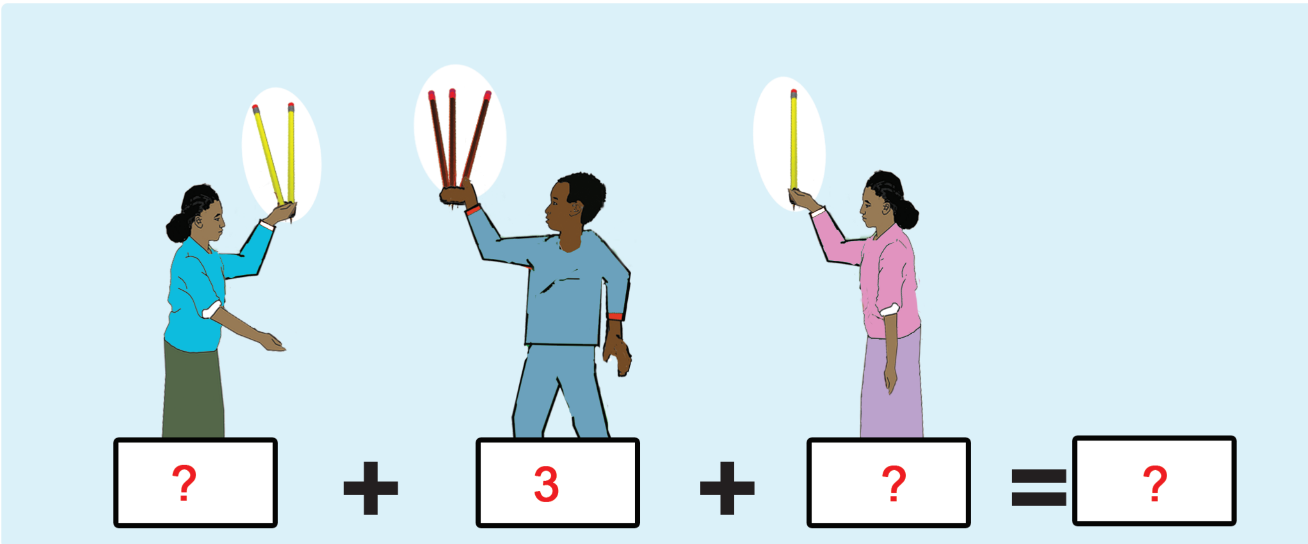
? + ? + ? = 9

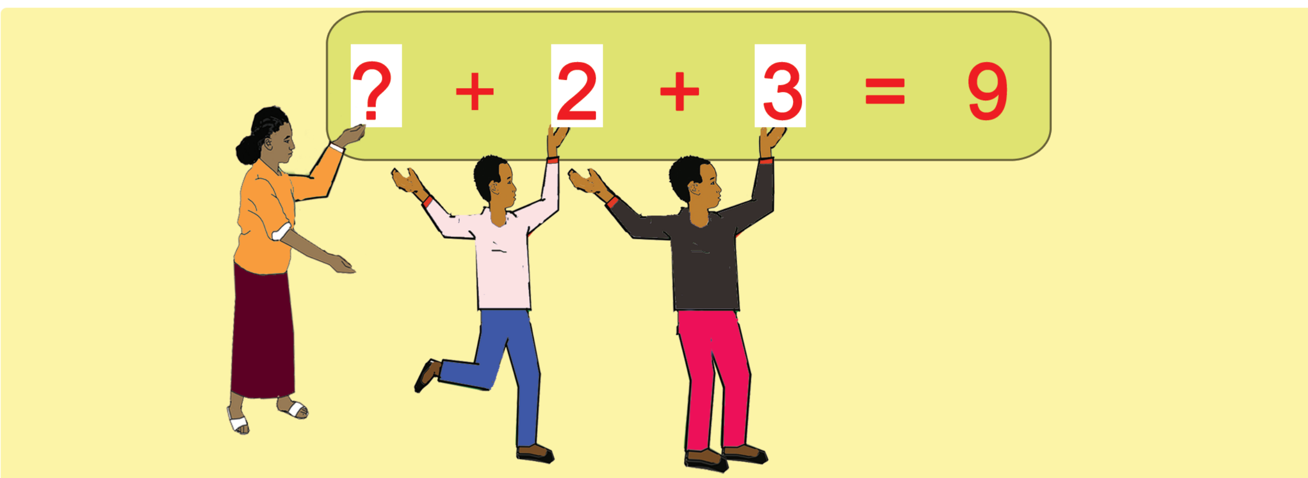
? + ? + ? = 9

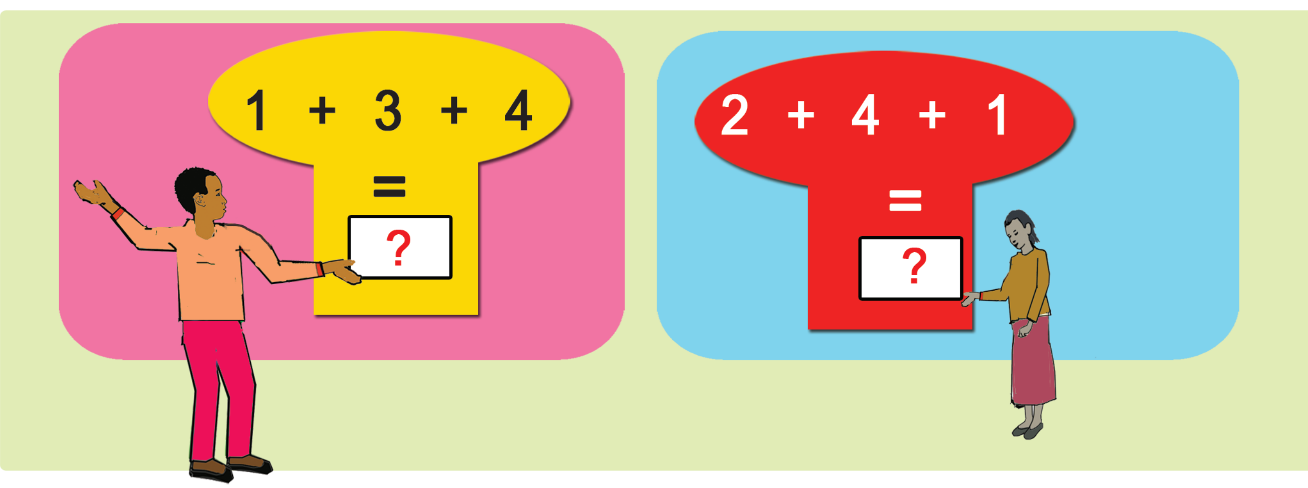
Gocha – 14 Fakkiiwwanitti fayyadamuun lakkoofsota sadi xiyya lakkoofsaa fi gabatee lakkoofsotaatti gargaaramuun ida'uu.

Gocha – 15 Kubbaalee 9 guuboo keessaa akkaataa fakkeenya kennameetti bakka sadiitti qooduu.

Gilgaala – 18







Gilgaala – 18 Hima ida'uu uumuun firii isaa barbaaduu.

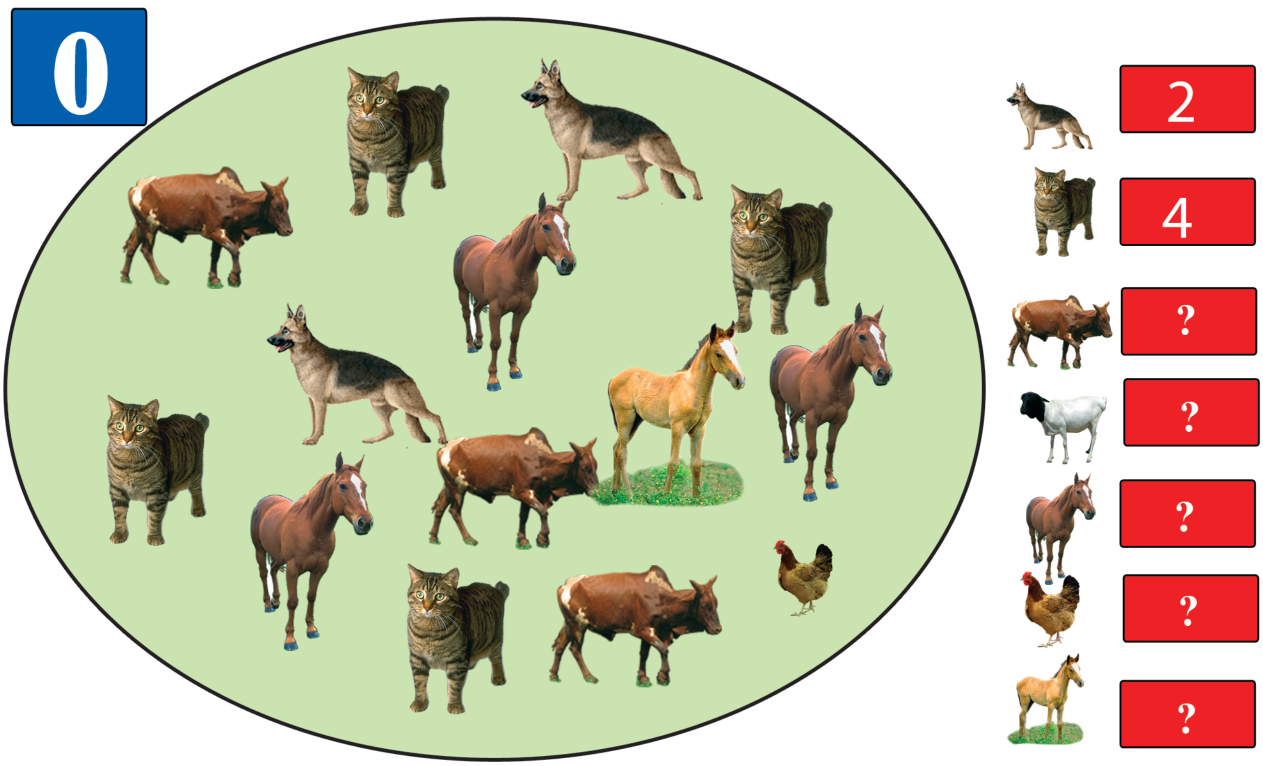
Boqonnaa 3

LAKKOOFSOTA HUNDAA HAMMA 20TTI

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

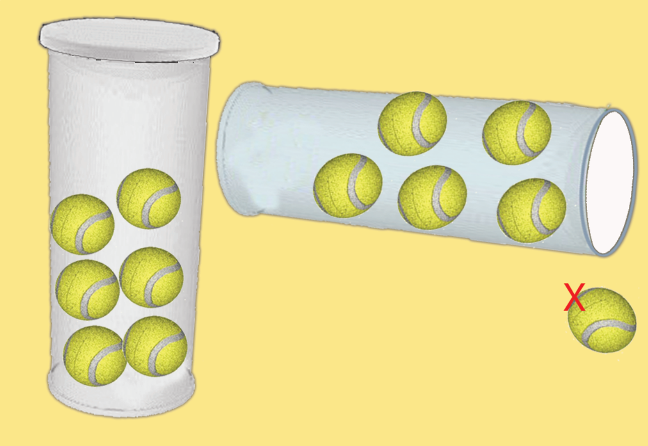
3.1 Lakkoofsa Zeeroo

Gocha – 1

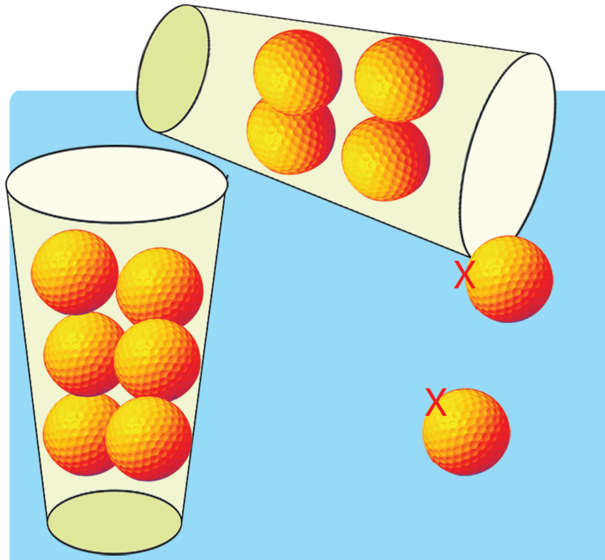


Gocha – 1 Simbirroowwan mukarra jiran lakkaa'uun baay'ina isaanii bakka "?" buusuun barreessuu.
Baay'ina isaanii lakkaa'uun barreessuu.

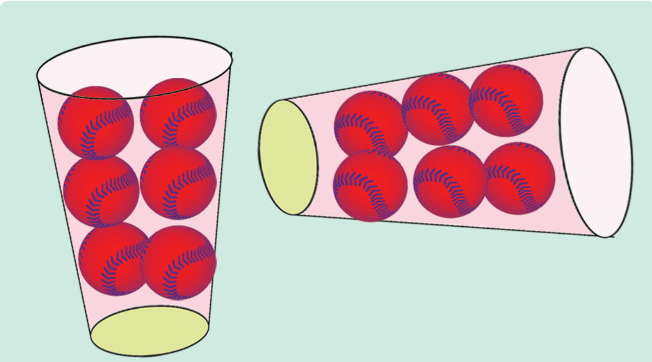
Gocha – 2



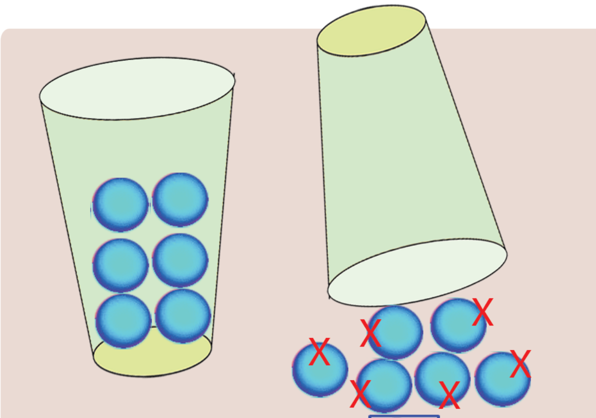
6 - 1 = 5



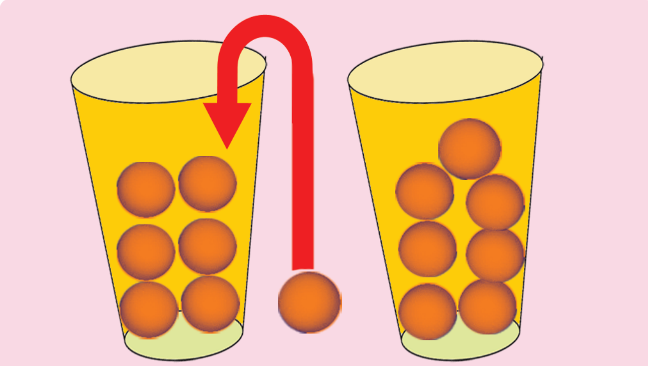
6 - 2 = ?



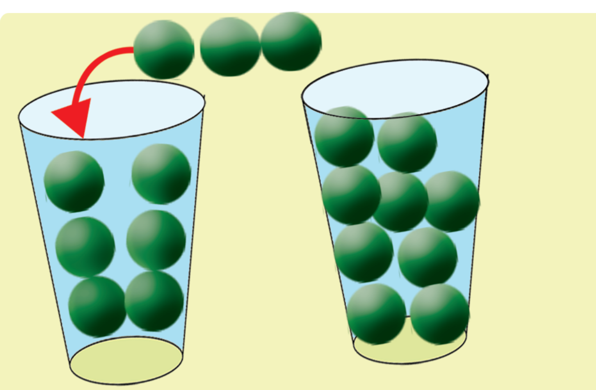
6 - 0 = ?



6 - 6 = ?



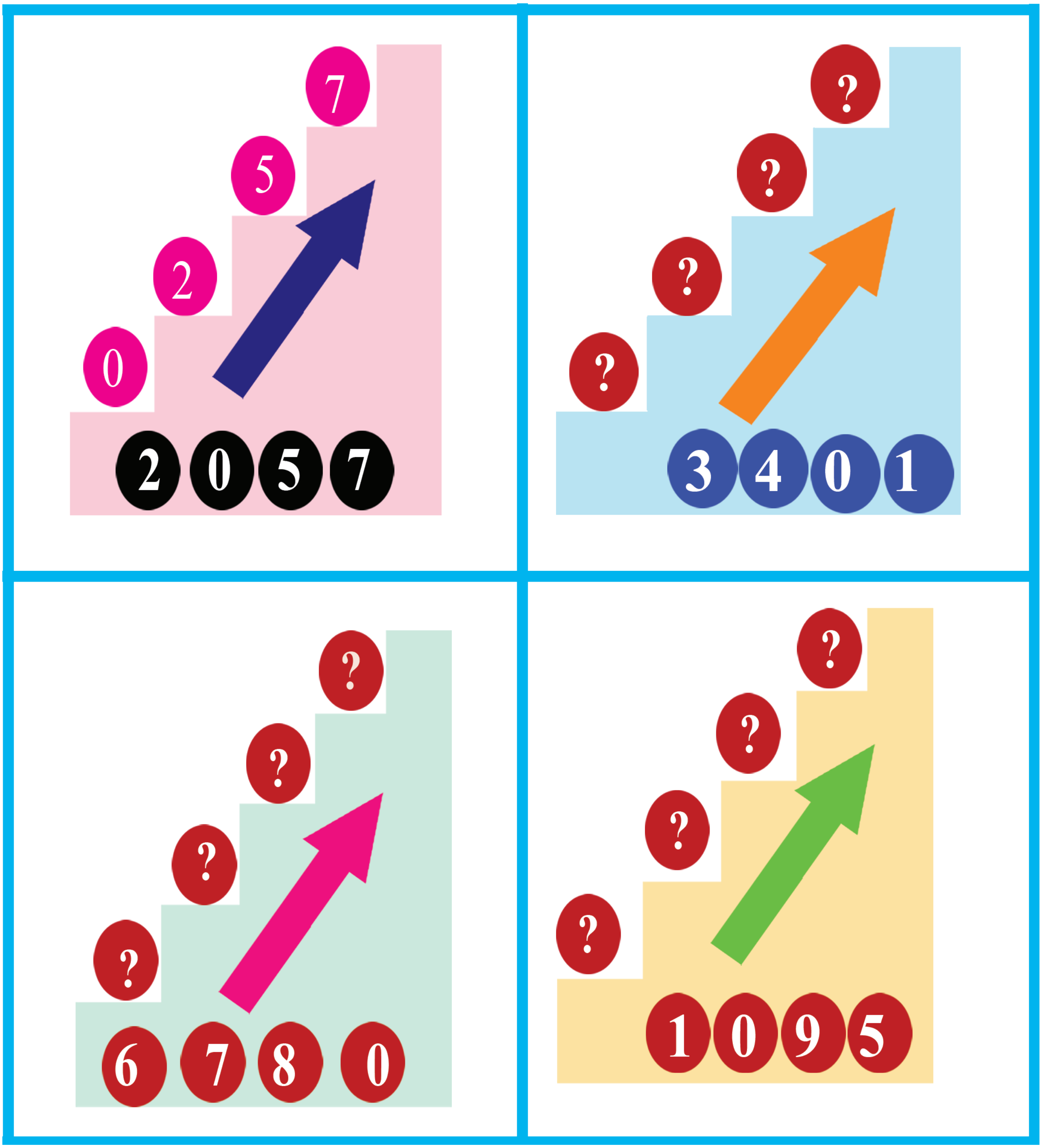
6 + 1 = ?



6 + 3 = ?

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

Gilgaala – 1



Gilgaala – 1 Dijiitota xiqqaa irraa gara guddaatti, tartiibaan gadii gara oliitti tarreessuu.

3.2 Lakkoofsota Hundaa Hamma 20ttii fi Tartiiba isaanii

Gocha – 3

1 + 1= ?

2 + 1= ?

3 + 1= ?

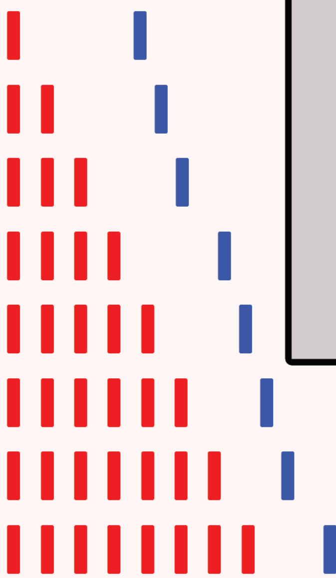
4 + 1= ?

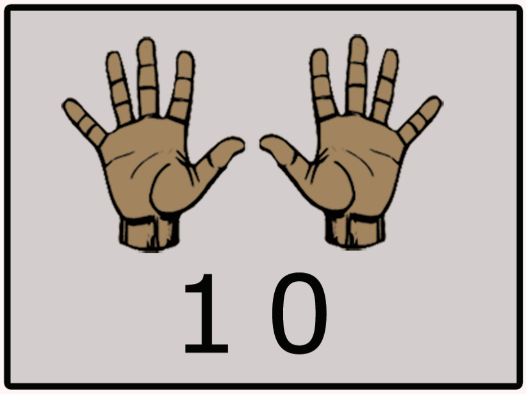
5 + 1= ?

6 + 1= ?

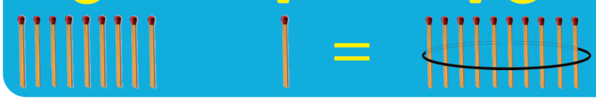
7 + 1= ?

8 + 1= ?

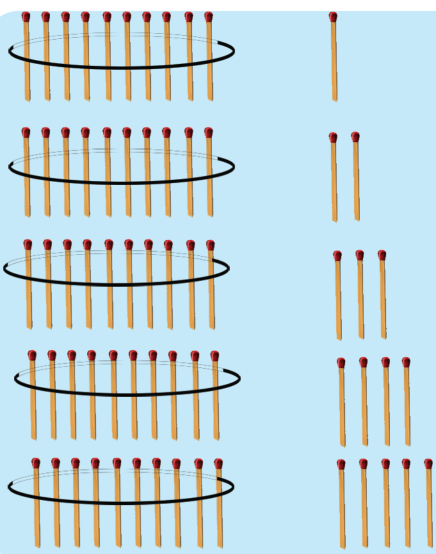




9 + 1 = 10



Gocha – 4



10 + 1 = 11

10 + ? = 12

10 + ? = 13

10 + ? = 14

10 + ? = 15

Gocha – 3 Lakkoofsota irratti tokko ida'uu fi lakkoofsa 10 barsiisuu

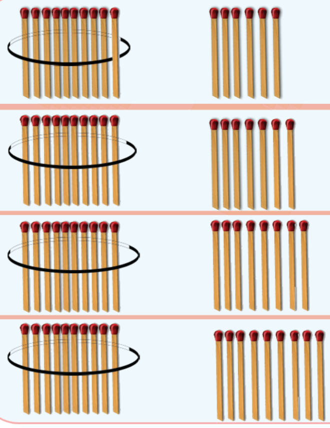
Gocha – 4 Lakkoofsota ida' amuu qaban bakka mallattoo gaaffiitti barreessuu.

11 12 13 14 15 16 17 18 19 20

Gilgaala – 2

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

Gocha – 5

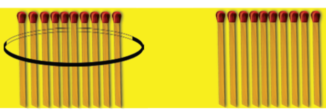


10 + ? = 16

10 + ? = 17

10 + ? = 18

10 + ? = 19



10 + 10 = 20

Gilgaala– 3

1	2	3	?	?	?	7	?	9	?
11	?	?	14	1 5	?	?	?	19	?

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

Gohca – 5 Lakkoofsa himicha dhugoomsu saanduqa keessatti barreessuu.

Gilgaala– 3 Bakka duwwaa Irratti lakkoofsa tartiibaan sirrii ta'e guutuu.

Gilgaala – 4

?	6
?	12
?	11
?	20
?	18

Gilgaala – 5

7	?
9	?
15	?
11	?
19	?

Gilgaala – 6

7	?	9
11	?	13
14	?	16
18	?	20
10	?	12

Gilgaala – 7

	7	
	15	
	19	
	12	
	9	

Gocha – 6

< = >

13	?	13
12	?	18
11	?	11

14	?	6
18	?	4
19	?	2

19	?	11
12	?	8
9	?	12

Gilgaala-4 Dursaa lakkoofsa kennamee barreessuu.

Gilgaala-5 Itti fufaa lakkoofsa kennamee barreessuu.

Gilgaala-6 Lakkoofsa isaan kennaman gidduutti argamu barreessuu.

Gilgaala-7 Dursaa fi itti fufaa lakkoofsa kennamee bakka duwwaa irratti guutuu.

Gocha-6 Mallattoo <, > fi = tti fayyadamuun lakkoofsota waliin madaaluu.

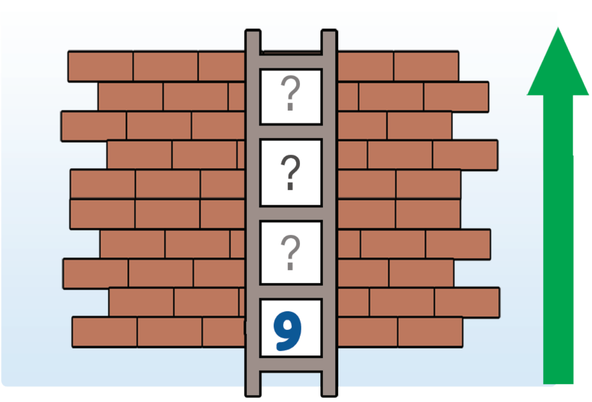
Gilgaala – 8

6	7			10	
13	14				
15					
11					

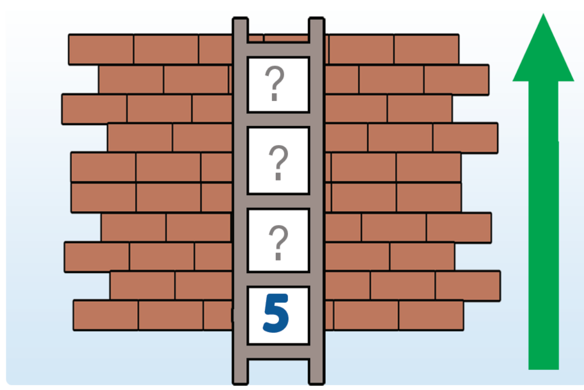
Gilgaala – 9

1		3		5	
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.

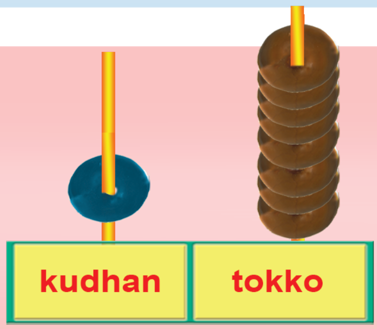
3.3 Sirna Mana Lakkoofsotaa

Gohca – 7

13 = 10 +3

Mana kurnanii	Mana tokkee
1	3

18 = 10 + ☐



Mana kurnanii	Mana tokkee
?	?

12 =10 + ☐

Mana kurnanii	Mana tokkee
?	?

Gilgaala – 11

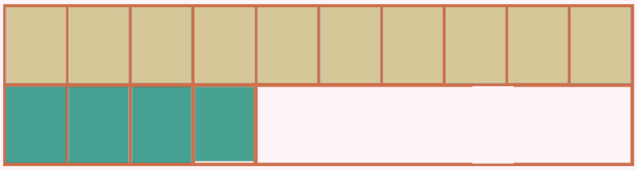
	Mana kurnanii	Mana tokkee
16	1	6
11		
17		
19		
20		

Gocha – 7 Mana kunanii fi mana tokkee addaan baasuu.

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

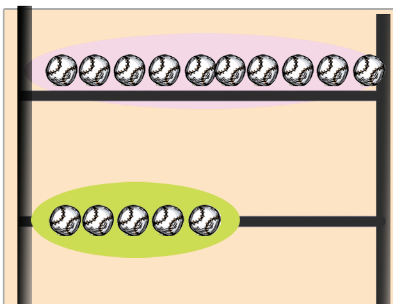
Gocha – 8

Mana kurnanii Mana tokkee



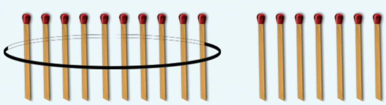
$14 = 10 +$ [?]

	Mana kurnanii	Mana tokkee
14	?	?



$10 +$ [?] $= 15$

	Mana kurnanii	Mana tokkee
15	?	?



$17 = 10 +$ [?]

	Mana kurnanii	Mana tokkee
17	?	?

Gilgaala – 12

11 = 10 + [1]	19 = 10 + [?]
12 = 10 + [?]	15 = 10 + [?]
17 = 10 + [?]	13 = 10 + [?]
16 = 10 + [?]	14 = 10 + [?]
10 = 10 + [?]	20 = 10 + [?]

Gocha – 8
Gilgaala 12

Mana kurnanii fi mana tokkee lakkoofsa kennamee barreessuu.
Lakkoofsa kenname ida'ama 10 fi lakkoofsa kan biraa gochuun barreessuu.

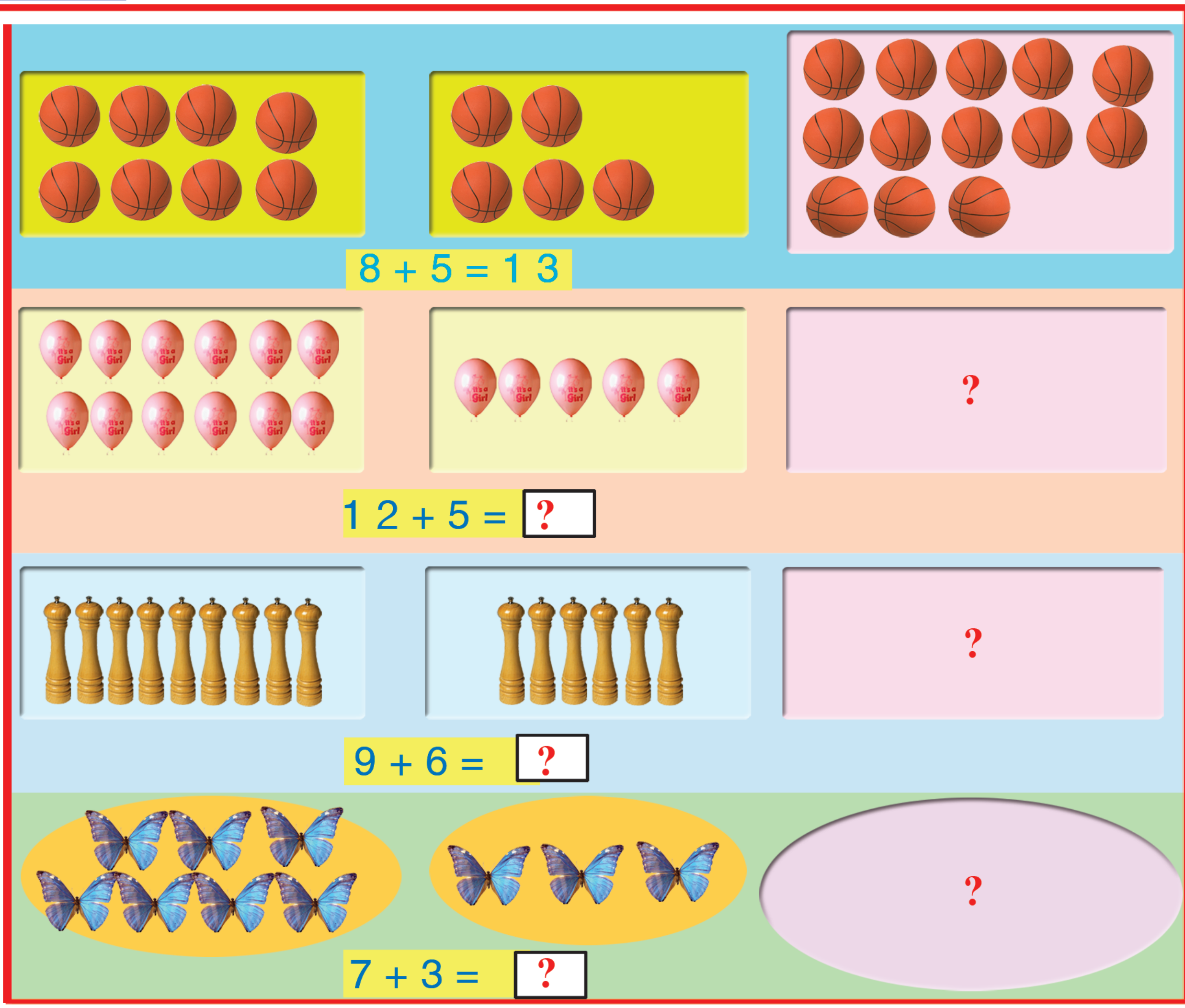
Boqonnaa 4

IDA'UU FI HIR'ISUU HAMMA 20TTI

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

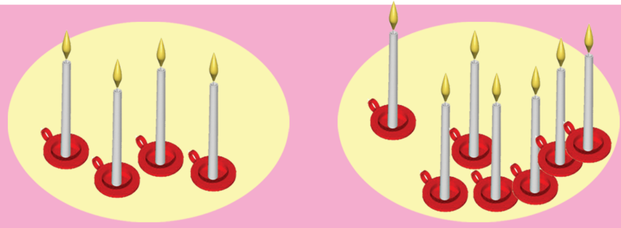
4.1 Lakoofsota Hamma 20tti Ida'uu

Gocha – 1

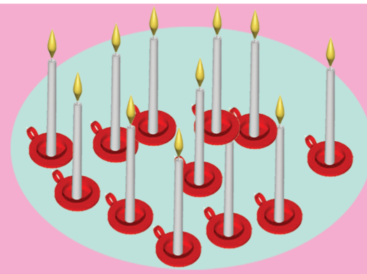


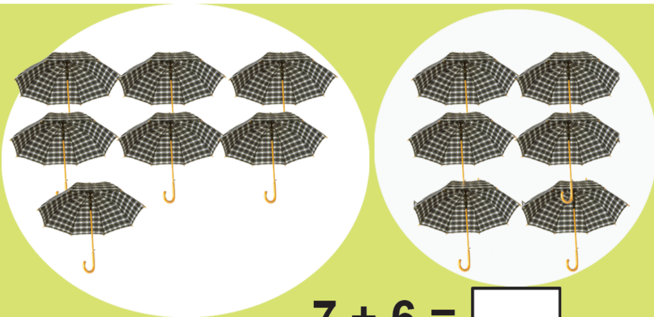
Gocha – 1 Akka fakkeenyaan kennametti bakka duwwaa irratti ida'amaisaanii barreessuu.

Gocha – 2



$4 + 8 = 12$





$7 + 6 = \square$

?

$5 + 12 = \square$

?

$8 + 9 = \square$

?

Gilgaala– 1

$3 + 7 = ?$	$4+8= ?$
$14 + 2 = ?$	$8+3= ?$

Gocha– 2 Fakkiiwwan lakkaa'uun ida'ama isaanii argachuu.

Gilgaala– 1 Ida'ama isaanii bakka duwwaa irratti barreessuu.

Gilgaala –2

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

12 + 5 = 17

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

9 + 6 = ☐

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

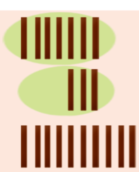
12 + 8 = ☐

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

8 + 8 = ☐

Gilgaala –3

$$\begin{array}{r} 7 \\ +\ 3 \\ \hline 10 \end{array}$$



$$\begin{array}{r} 5 \\ +\ 5 \\ \hline __ \end{array} \quad \begin{array}{r} 4 \\ +\ 3 \\ \hline __ \end{array} \quad \begin{array}{r} 9 \\ +\ 5 \\ \hline __ \end{array}$$

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

Gilgaala–2 Lakkofsa 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 + ?

5 = 0 + ?

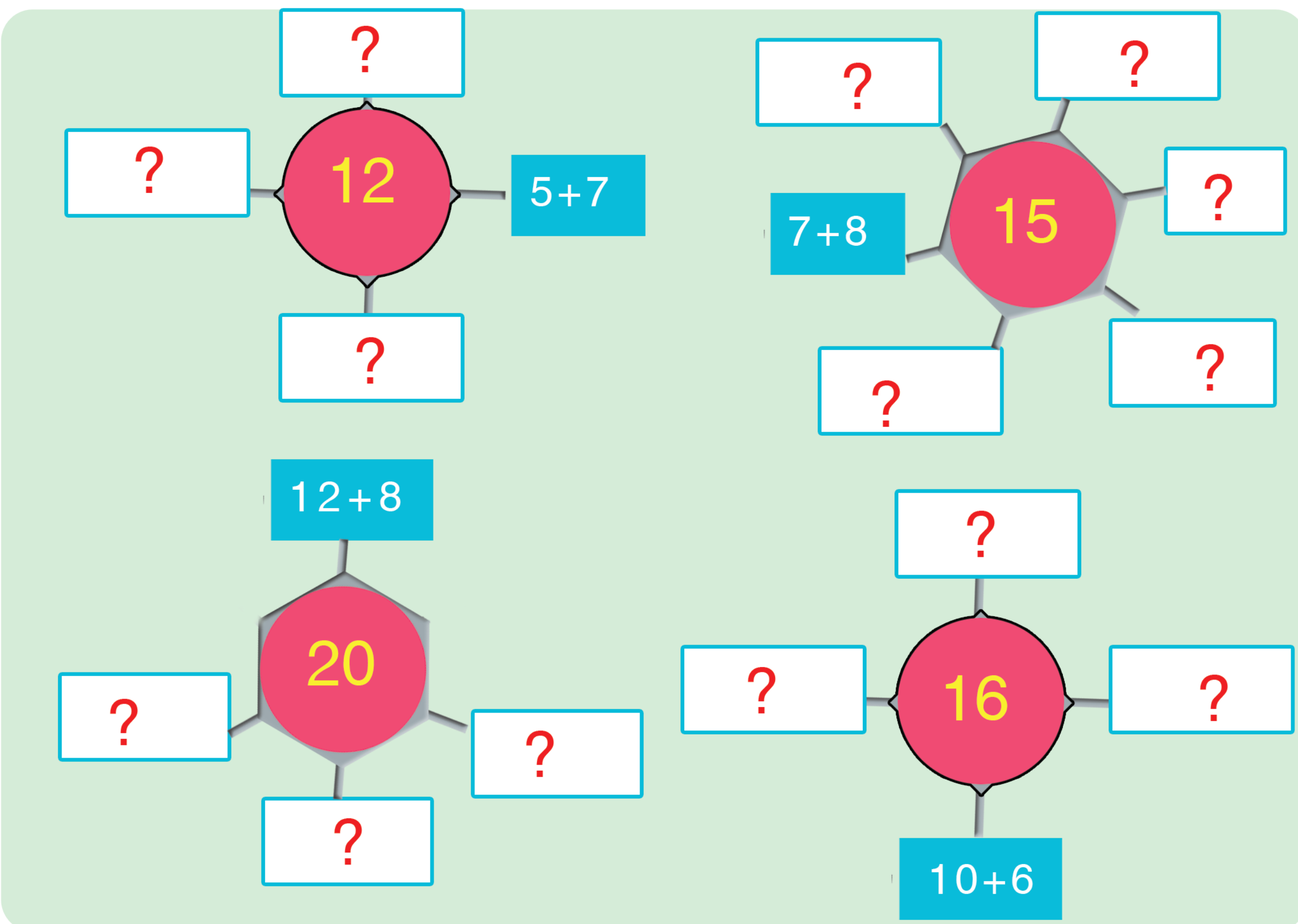
9 = 3 + 6

9 = ? + ?

9 = ? + ?

9 = ? + ?

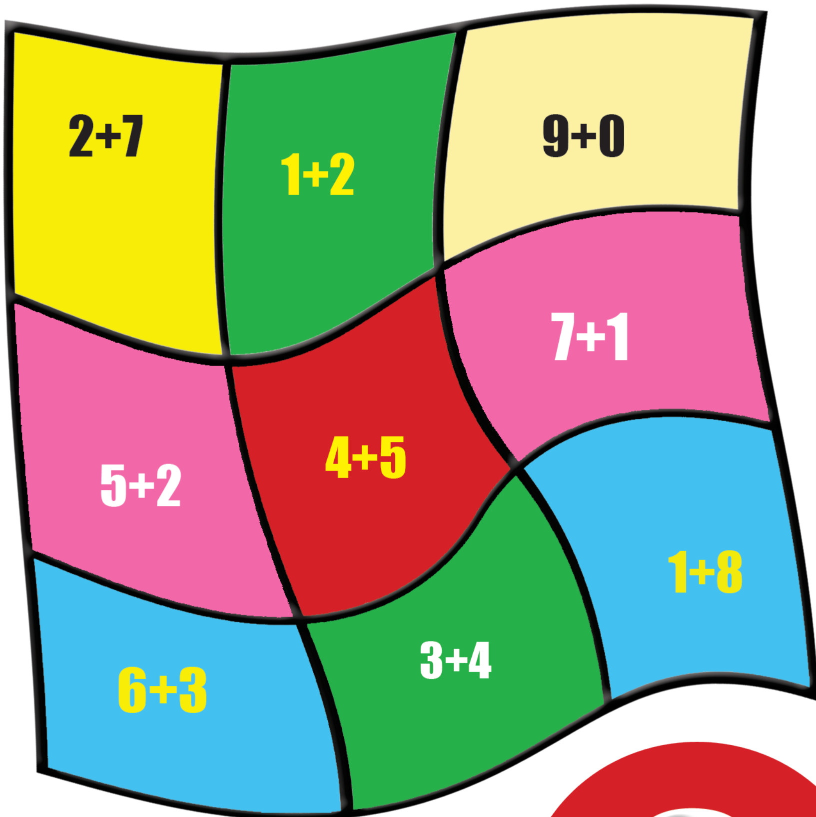
Gilgaala – 5



Gilgaala – 4 Lakkoofsota ida'amtootaan diddiriirsuu.

Gilgaala – 5 Fakkeenya kenname irratti hundaa'uun bakka mallattoo gaaffii lakkoofsaan guutuu.

Gocha 3



Gilgaala – 6

15	12	10	13
+ 3	+ 4	+ 1	+ 1
___	___	___	___

Gocha – 3 Kan ida'amni isaani 9 ta'e fi hintaane halluu itti dibamenaddaan baafachuu.

Gilgaala – 6 Irraa gadee ida'uun barreessuu.

Gilgaala – 7

13
\+ 4
____

Mana tokkee
3
4
7

Mana kurnanii	Mana tokkee
1	3
	4
1	7

	Mana kurnanii	Mana tokkee
	1	5
+		3

	Mana kurnanii	Mana tokkee
	1	2
+		7

	Mana kurnanii	Mana tokkee
	1	5
+		3

Gilgaala – 8

1 2
\+ 7
☐

1 3
\+ 6
☐

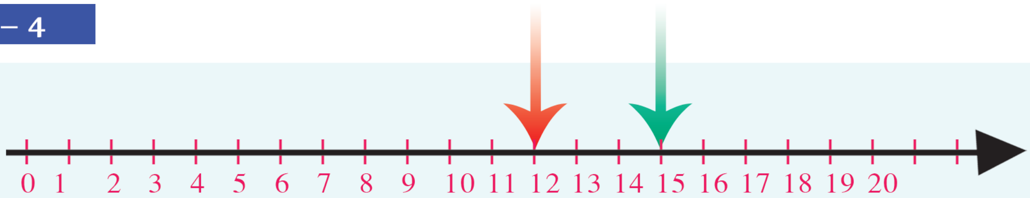
1 1
\+ 8
☐

1 0
\+ 1 0
☐

Gilgaala – 7 Mana tokkee fi mana kurnanii lakkoofsotaa addaan baasuun irraa gadee ida'uu.

Gilgaala – 8 Irraa-gadee ida'uu

Gocha – 4



12 < 15

15 > 12

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

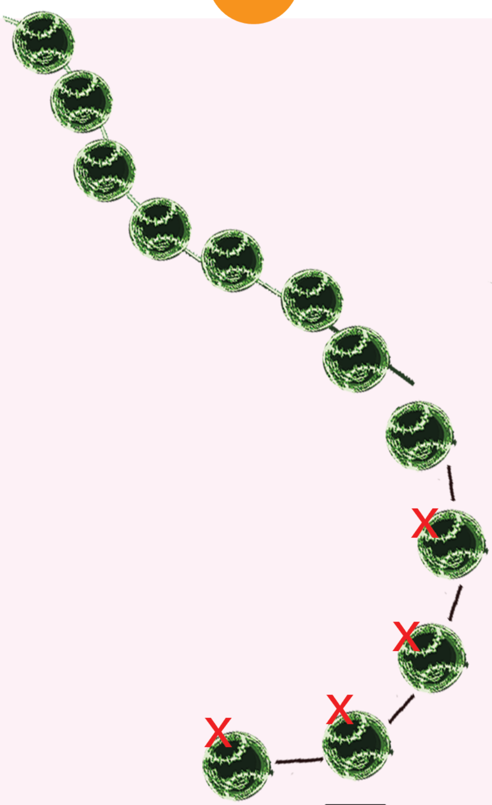
Gocha – 4 Lakkoofsota yoo waliin madaallu, inni xiqqaan isaa guddaa irraa gara kamitti akka argamu dubbachuu.

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

4.2 Lakkoofsota hamma 20tti jiran hir'isuu

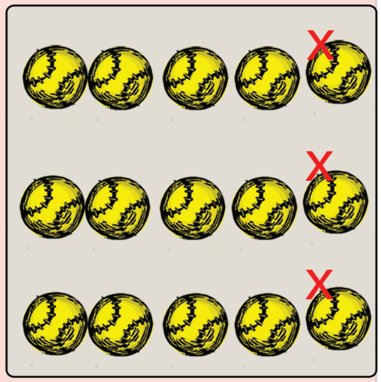
Gocha – 5

1



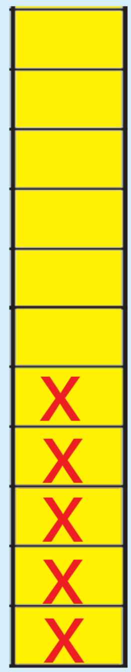
12 - 5= 7

2



15 - 3= ?

3



11 - 5= ?

Gilgaala – 10

Fakkeenya 18 - 5 = 13

12 - 3 = ?	18 - 11 = ?	19 - 5 = ?
17 - 5 = ?	20 - 10 = ?	17 - 8 = ?

Gocha – 5 Fakkiiwwaniin hir'isuu.

Gilgaala – 10 wantoota naannootti argamanitti gargaaramuun hir'isuu.

Gilgaala – 11

14	16	18	18
- 2	- 4	- 7	- 5
___	___	___	___
18	17	18	20
- 12	- 13	- 17	- 10
___	___	___	___

Gilgaala – 12

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

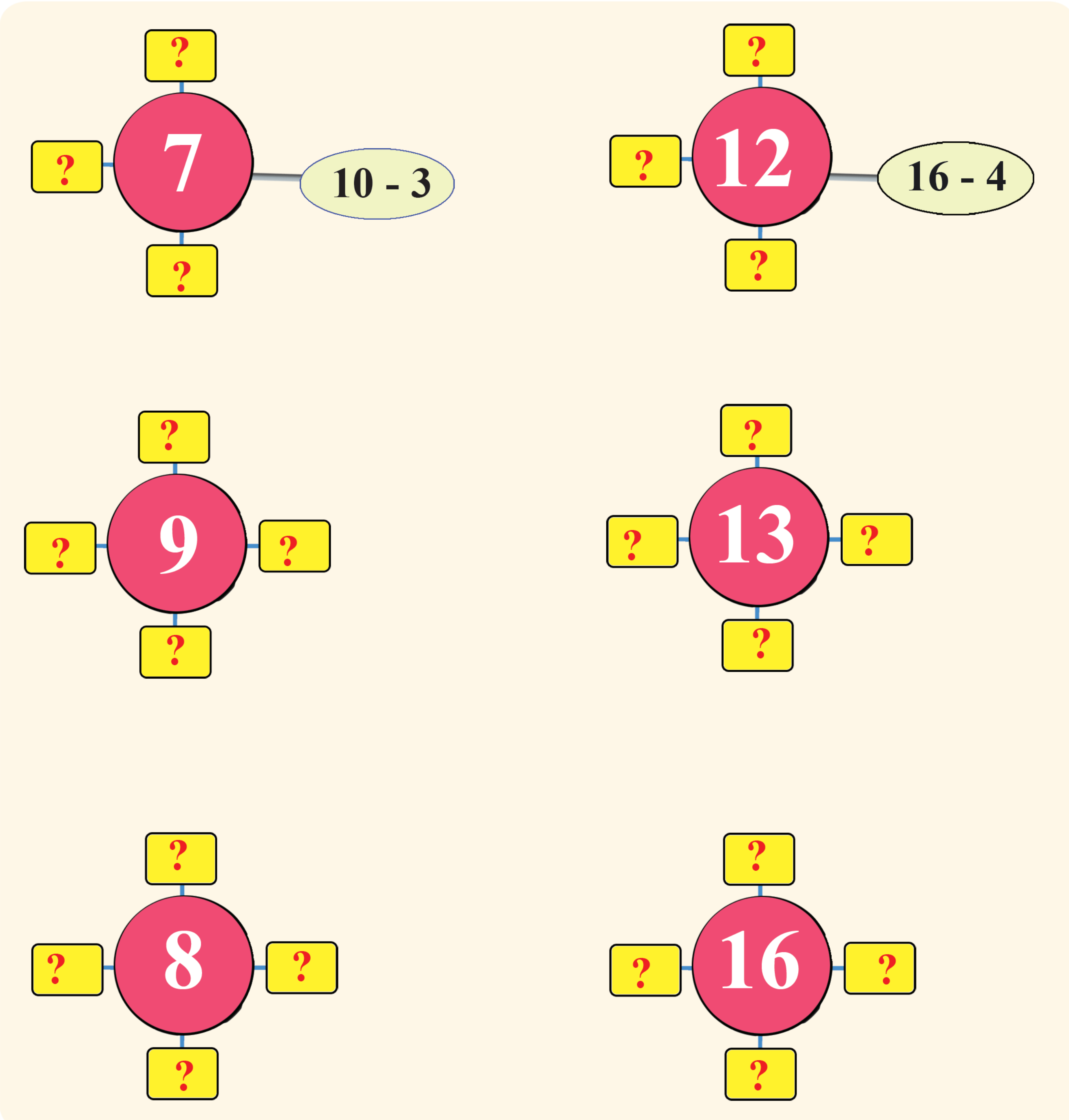
20 - 5 = 15

19 - 6 = ?	17 - 9 = ?	15 - 12= ?
18 - 7 = ?	17 - 8 = ?	15 - 10= ?
18 - 14= ?	17 - 7 = ?	15 - 8 = ?
18 - 12= ?	17 - 6 = ?	15 - 6 = ?
18 - 11= ?	17 - 5 = ?	15 - 4 = ?

Gilgaala – 11 Iraa gadee hir'isuu.

Gilgaala – 12 Akka fakkeenya kennameetti saanduqa duwwaa guutuu.

Gocha – 6



Gocha – 6 Akka fakkeenya kennameetti saanduqa duwwaa guutuu.

Gilgaala – 13

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

Gilgaala – 14

10
10 - 0
11 - ☐
14 - ☐
☐ - 3
20 - ☐

14
14 - 0
16 - ☐
17 - ☐
☐ - 3
☐ - 4

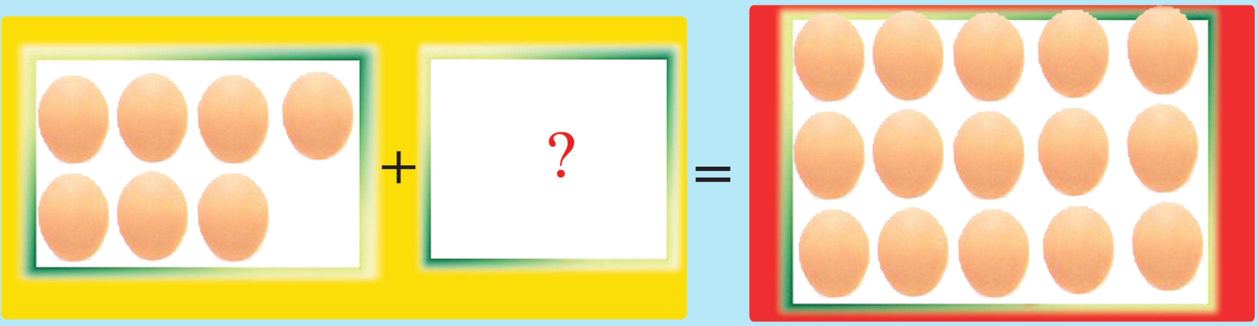
Gilgaala – 13 Lakkoofsota gara bitaa jiran, caalmaa lakkoofsota lamaa gochuun bakka duwwaa guutuu.

Gilgaala – 14 Akka fakkeenya kennametti lakkoofsa caalmaan isaa 10 fi 14 ta'e saanduqa duwwaa keessatti barreessuu.

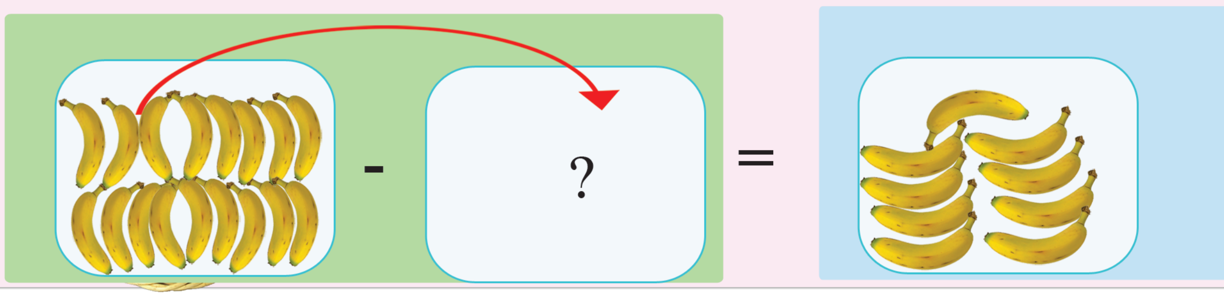
4.3 Piroobileemota Ida'uu fi Hir'isuu

Gilgaala – 15

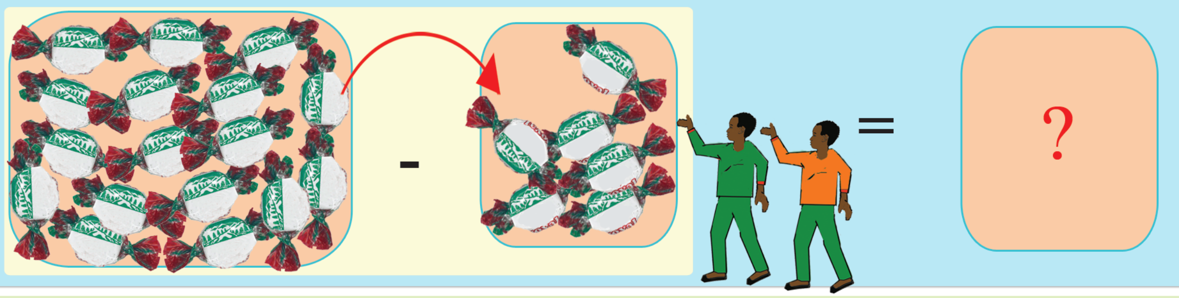
Boonaan buuphaa 7 qaba. Yoo meeqa bite 15 ta'aaf [?]



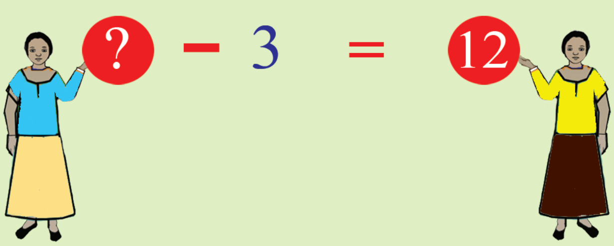
Guuboo keessa muuzii 16tu jira. Yoo meeqa irraa hir'ate 9 hafa [?]



Karameellaa 17 qaba. 6 hiriyyoota koof yoon kennu meeqatu naaf hafa [?]

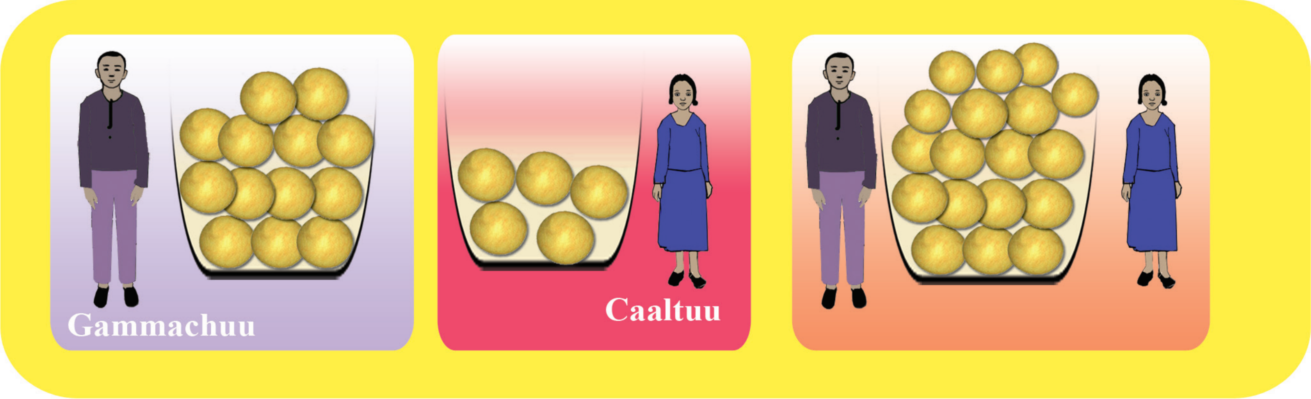


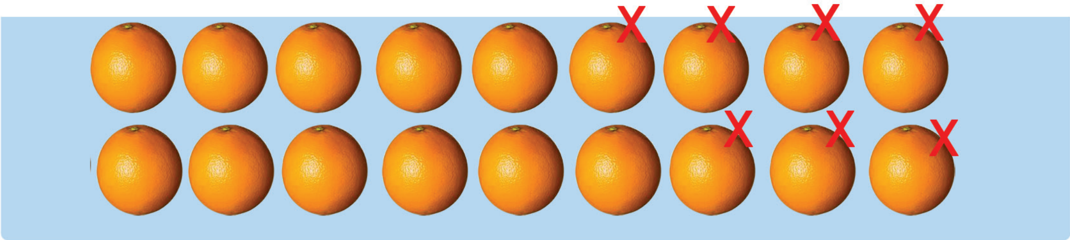
Lakkoofsa tokko yaade. 3 yoo irraa hir'atu 12tu hafa. Lakkoofsi ani yaade meeqaa [?]



Gilgaala – 15 Piroobileemota jechaa furuu fi hima wal qixaa uumuu.

Gilgaala – 16





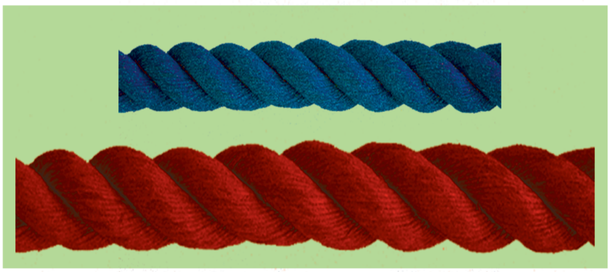
Gilgaala – 16 Piroobileemota jechaa uumuu fi hima walqixaa uumuu.

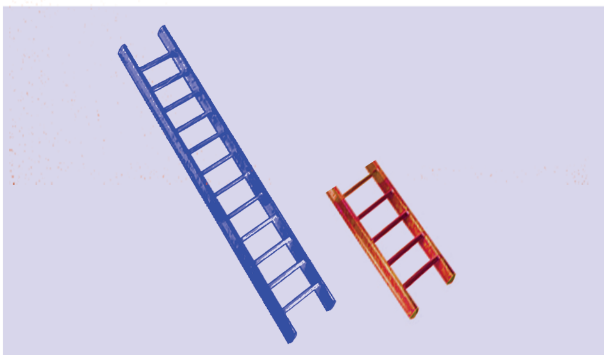
Boqonnaa 5

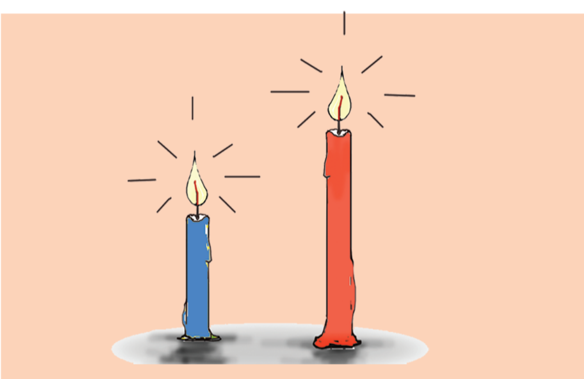
YUUNIITOTA AADAATIIN SAFARUU

5.1 Safara Dheerinaa

Gohca – 1

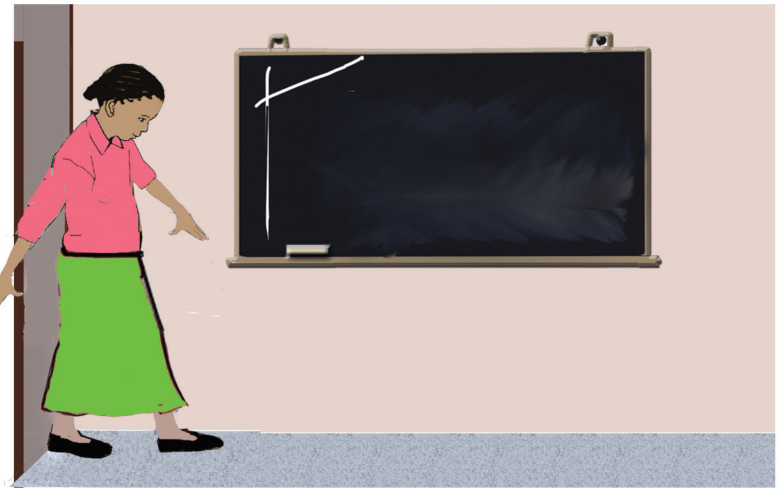


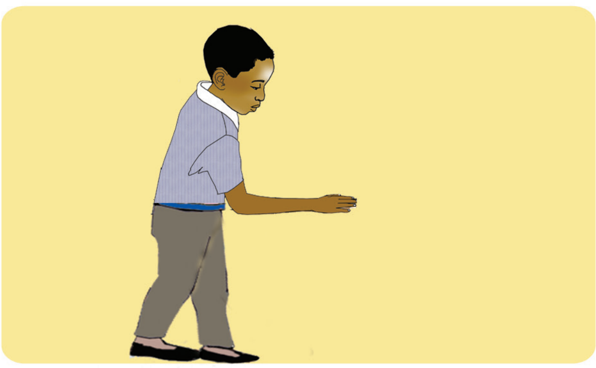


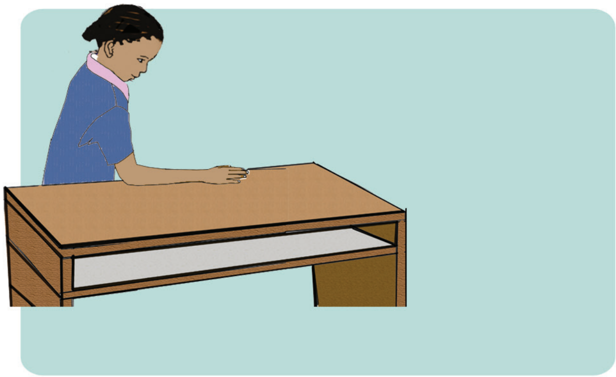


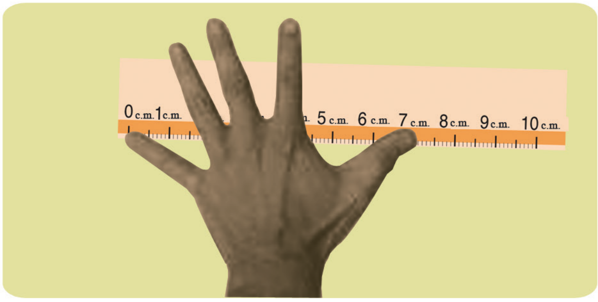
Gocha – 1 Fakkiiwwan ilaaluun gabaabaa fi dheeraa jechuun addaan baasuu.

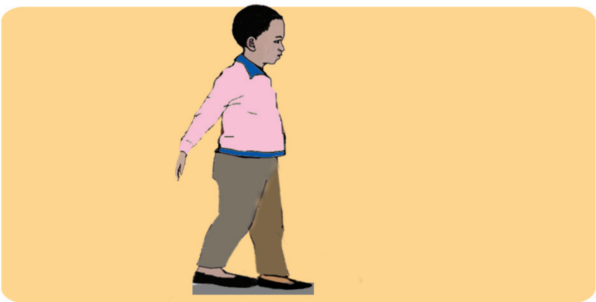
Gocha – 2







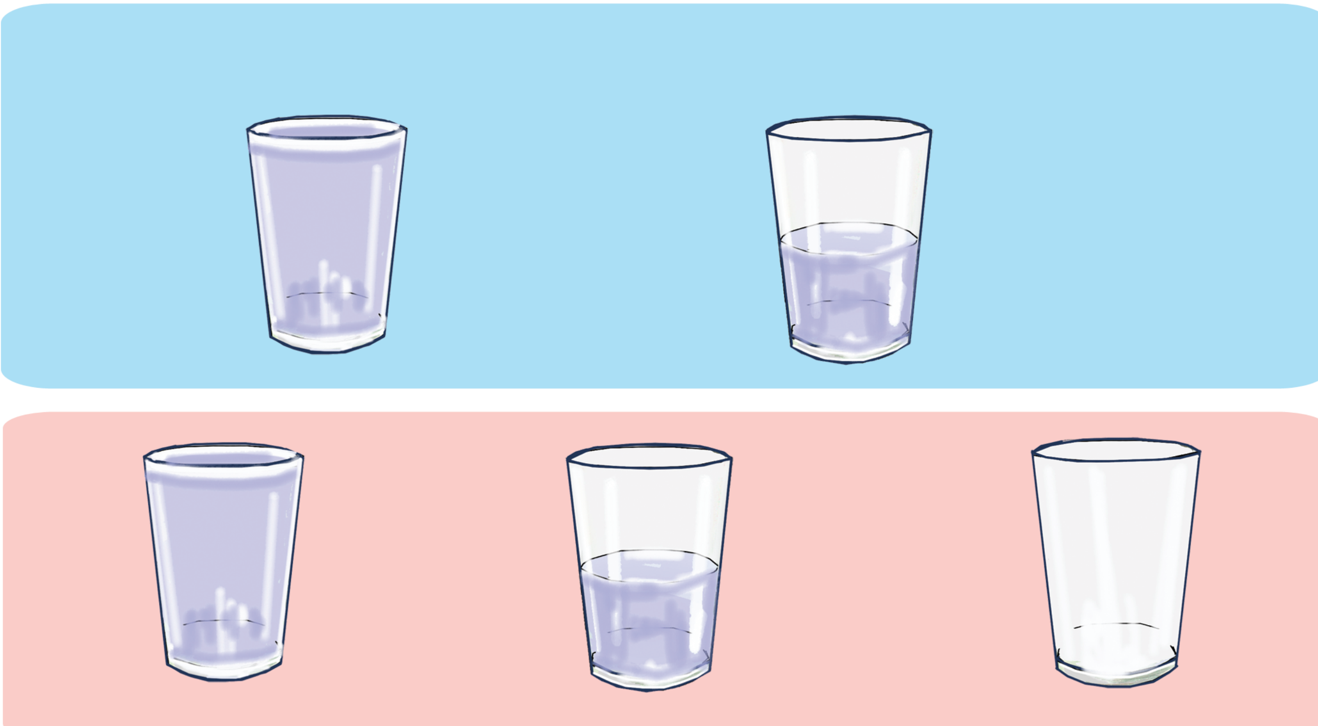




Gocha – 2 Wantoota naannoo keenyatti argaman tarkaanfiin, taakkuun, dhundhumaan, faanaa fi funyoon safaruu shaakaluu.

5.2 Qabee Dhangala'aa Safaruu

Gocha – 3

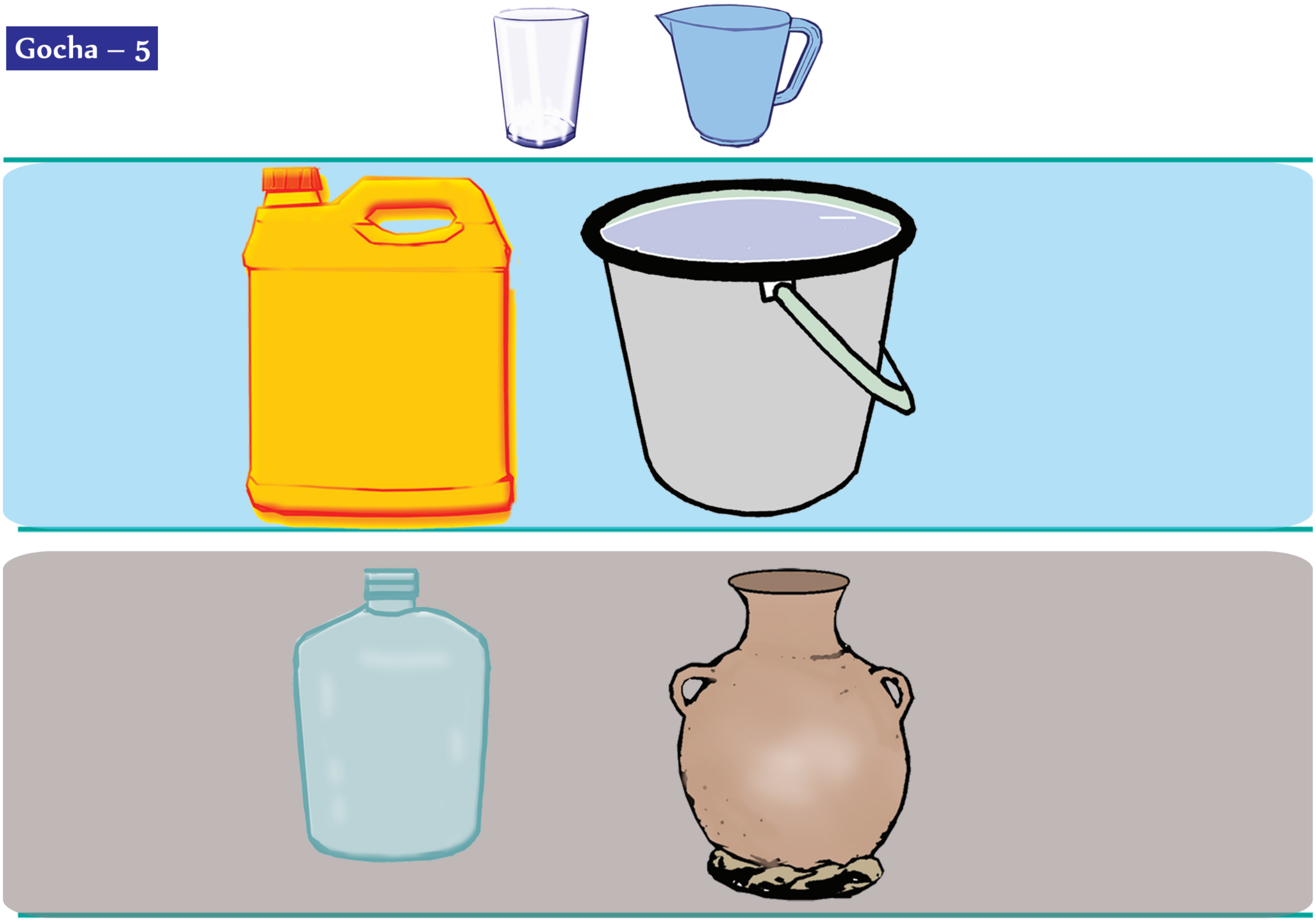


Gocha – 4

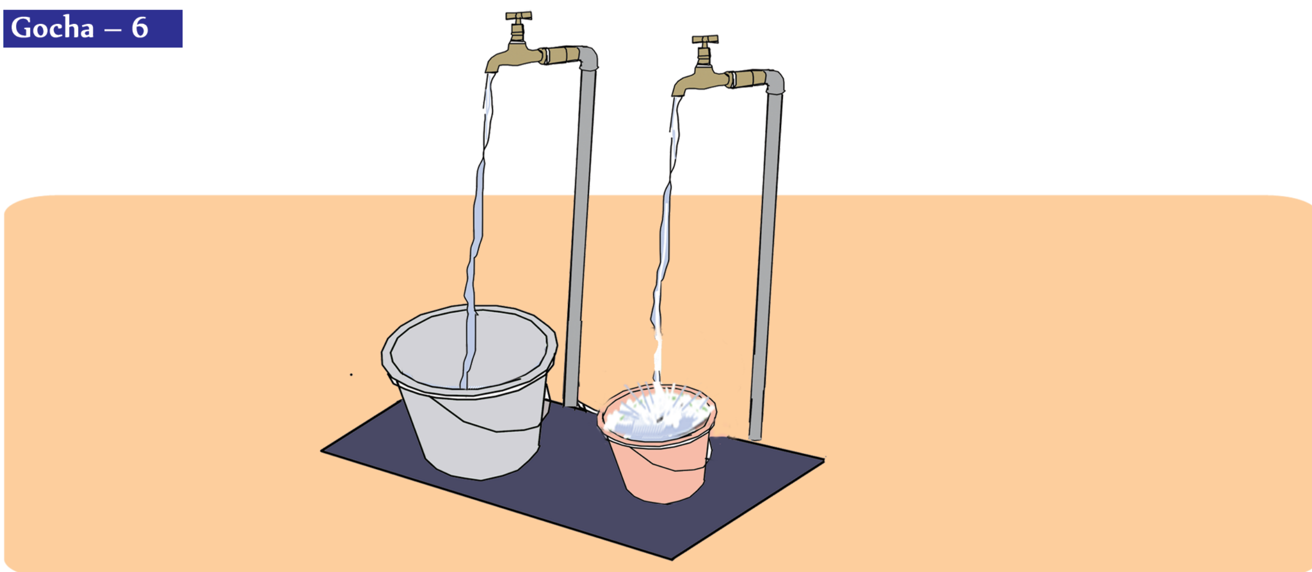
Gohca – 3
Gocha – 4

Jechoota guutuu, hir'uu fi duwwaatti dhimma ba'uu.
Kubbaayyaa ykn xaasaatiin safaruun baaldiin ykn jarikaanni kubbaayyaa ykn joogii meeqa akka ta'u safaruu. Qabee baaldii fi jarikaanaa waliin madaaluu.

Gocha – 5



Gocha – 6



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

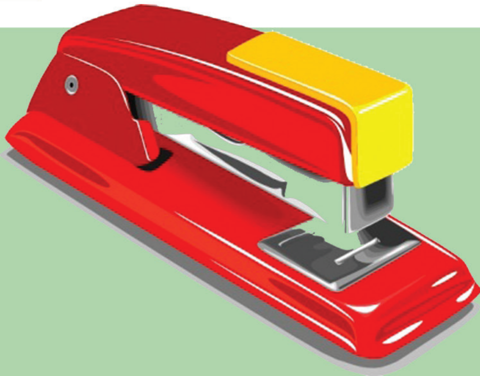
Gocha – 6 Ujummoo walfakkaatan lamatti fayyadamuun kamtu dafee guuta?

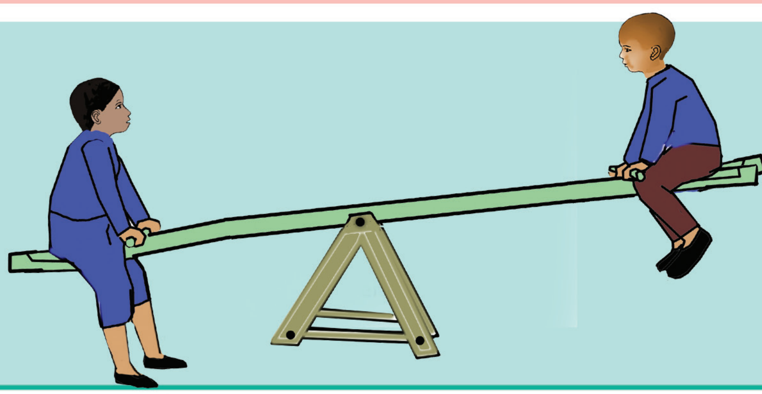
5.3 Hanga safaruu

Gocha – 7

Gocha – 7 Hanga meeshaalee wal cinaa jiranii waliin madaaluu.

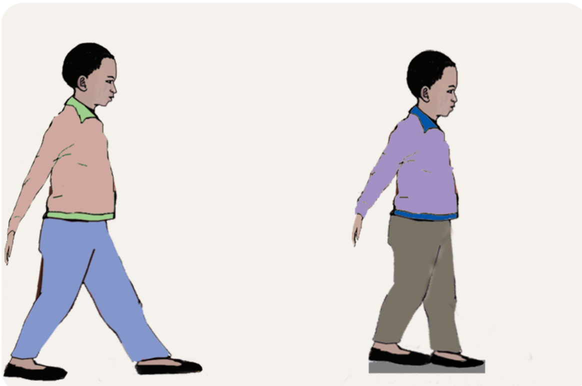
Gocha – 8

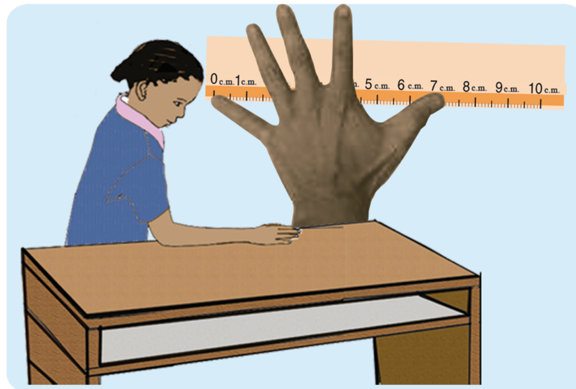


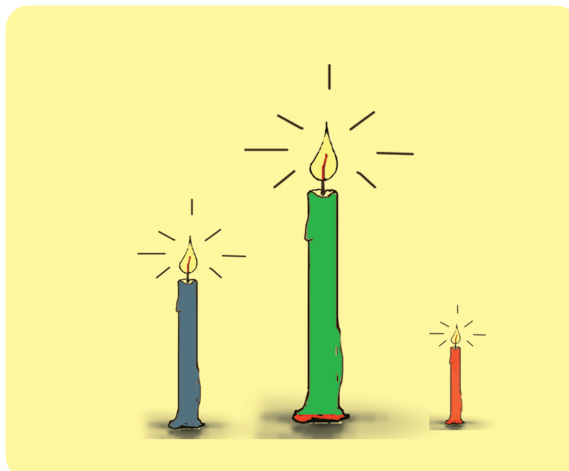


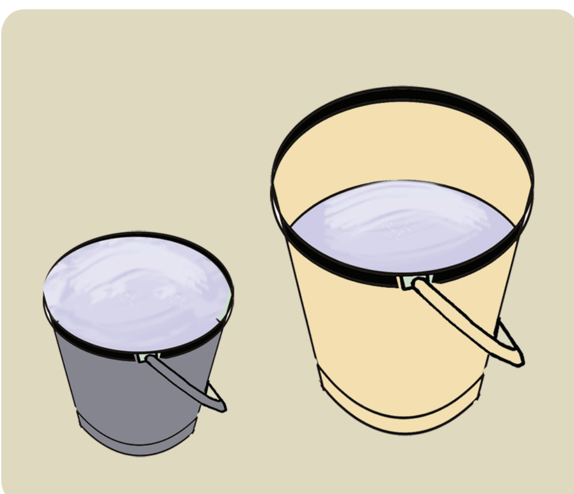
Gocha – 8 Hanga wantoota wal cina jiranii waliin madaaluu

Gilgaala – 1









Gilgaala – 1 Yuunitii adda addaa irratti mari'achuu.

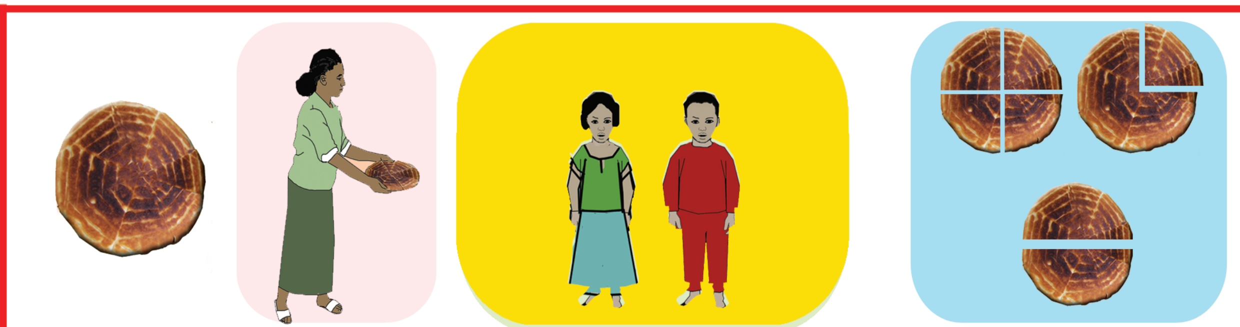
- Fakkii isa dheeraa addaan baasuu.
- Baaldiin joogii meeqa qabata?
- kamtu irra ulfaata?

Boqonnaa 6

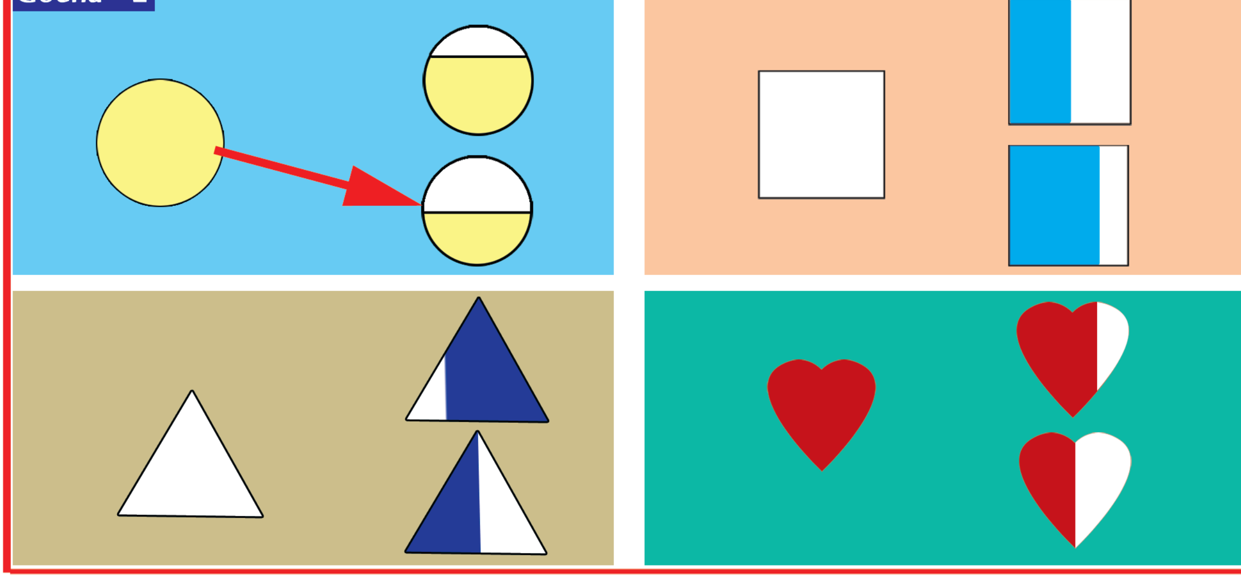
SEENSA FIRAAKSHINOOTAA

6.1 Walakkaawwan

Gocha – 1



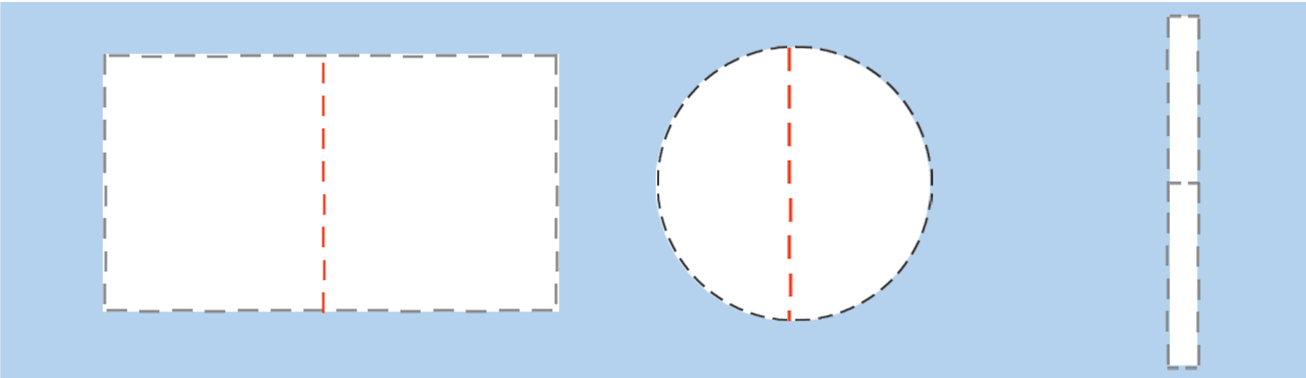
Gocha –2



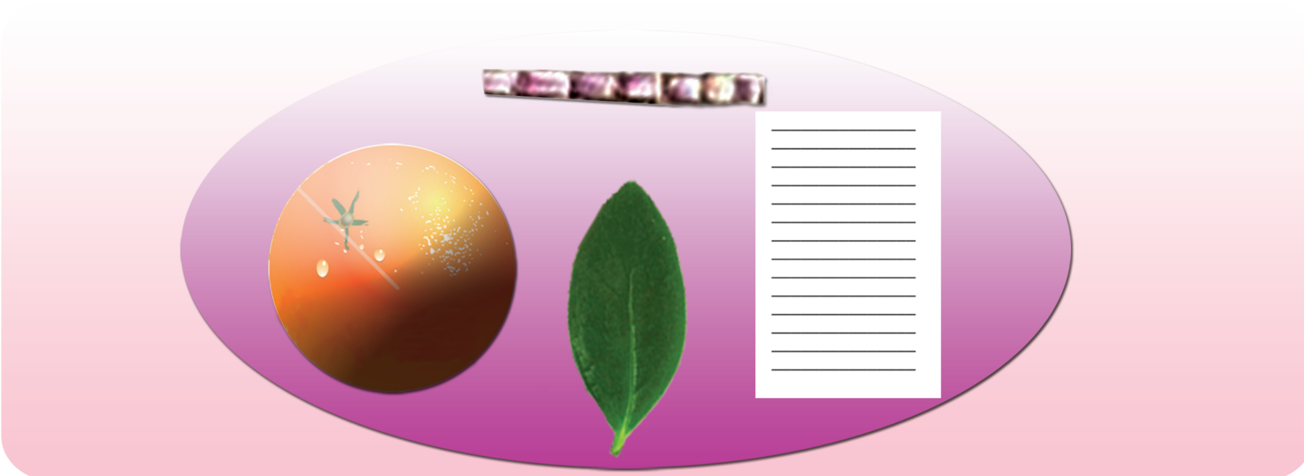
Gohca – 1 Daabboo tokko ijoollee lamaaf hiruudhaaf isa kamtu lamaanuu gammachiisa?

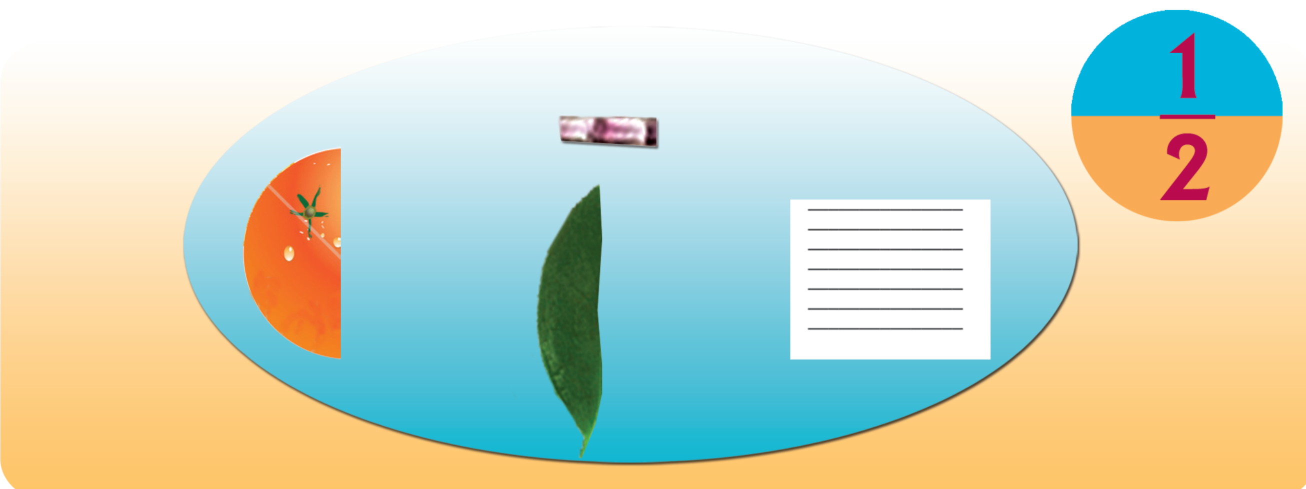
Gohca – 2 Walakkaa fakkii gara bitaa jiruu xiyyaan agarsiisuu.

Gilgaala – 1



Gocha – 3



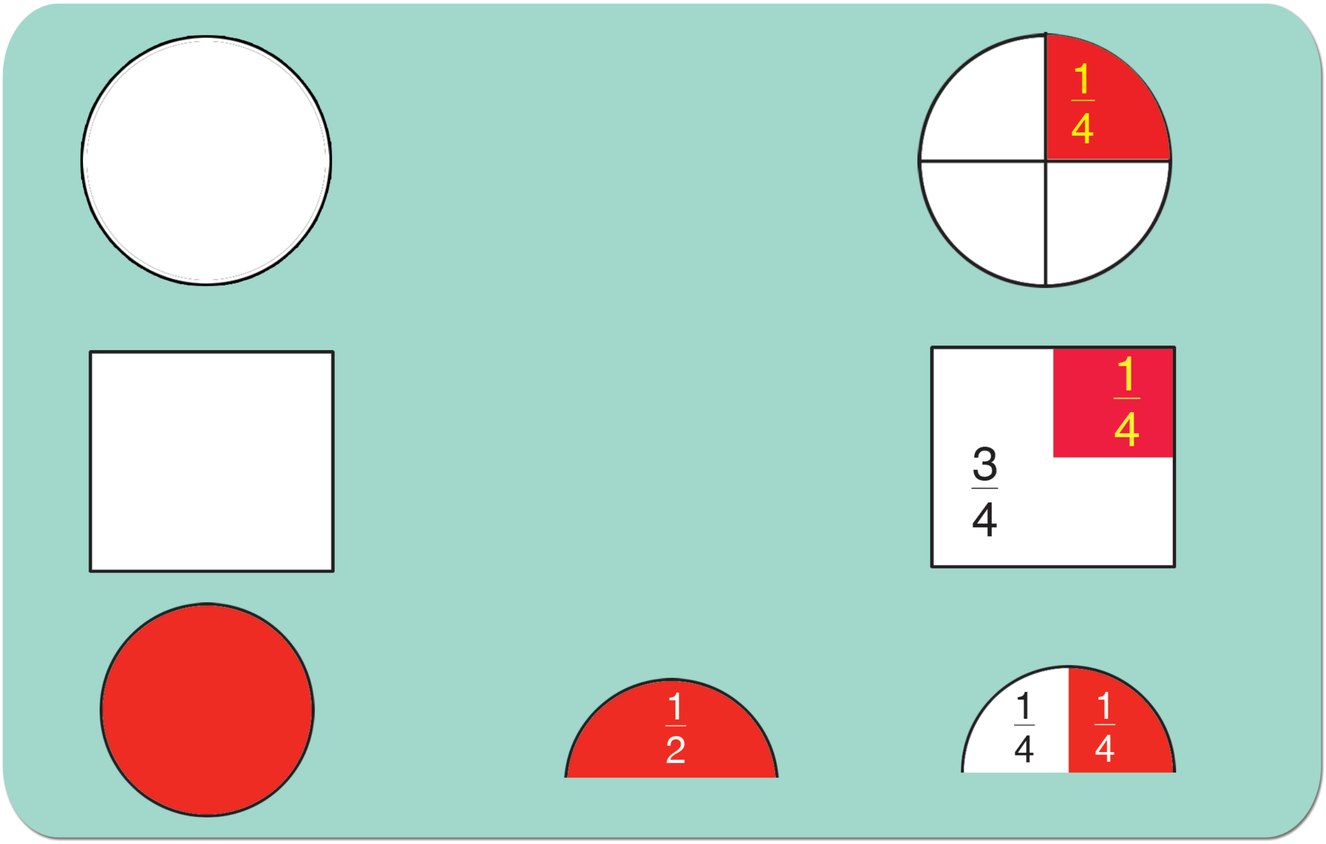


Gilgaala – 1 Walakkaa fakkii kennamee fakkeessuun halluu dibuun $\frac{1}{2}$ jechuun barreessuu.

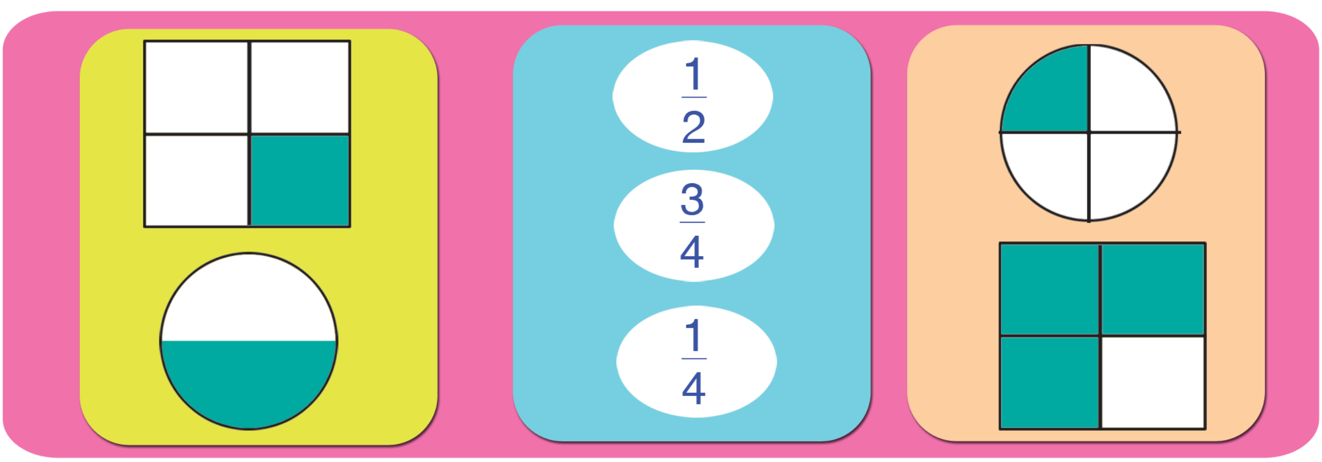
Gocha – 3 Wantoota naannootti argaman kanneen akka burtukaanaa fi baalaa walakkaa isaanii mul'isuu.

6.2 Kurmaanota

Gocha – 4



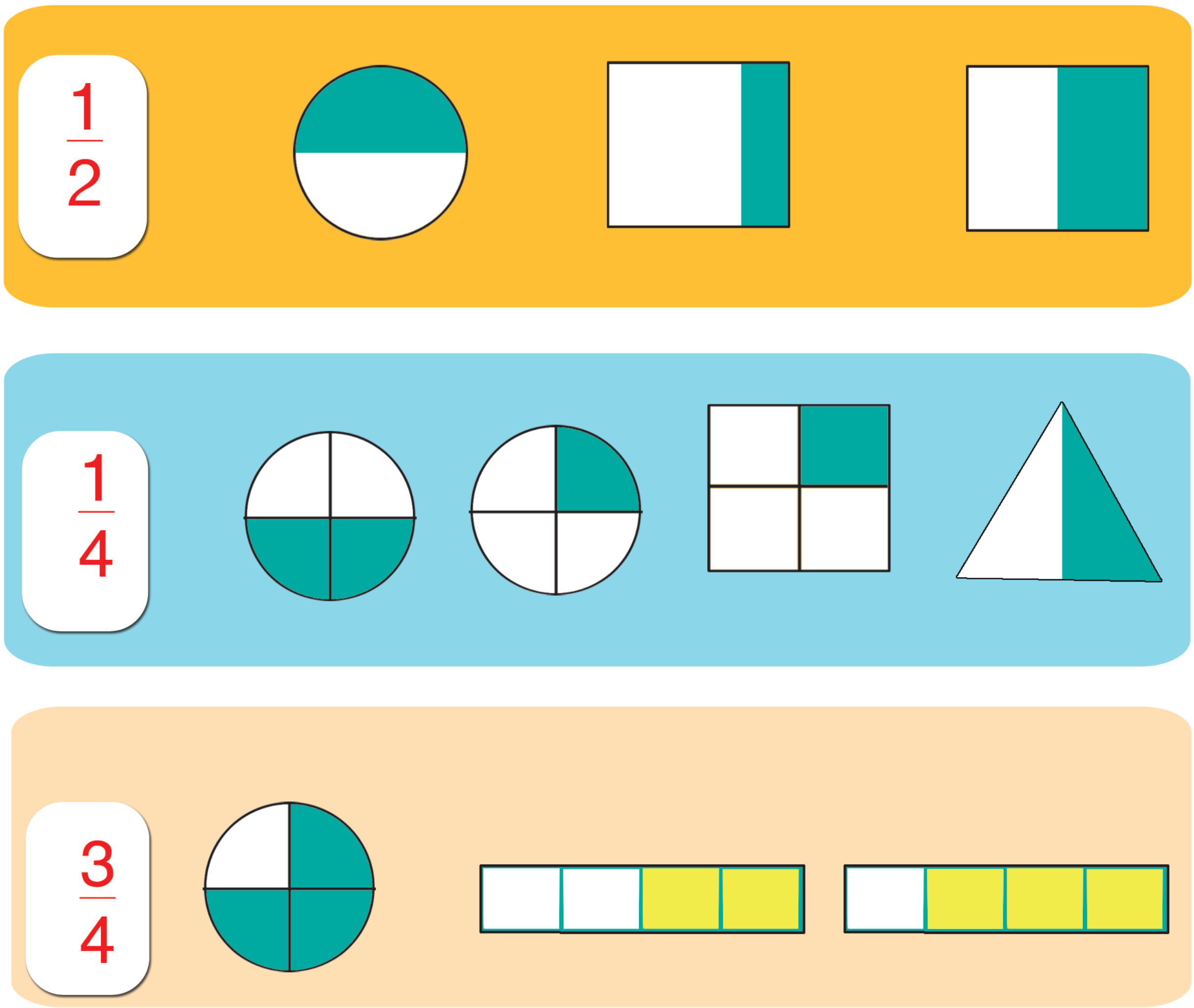
Gilgaala– 2



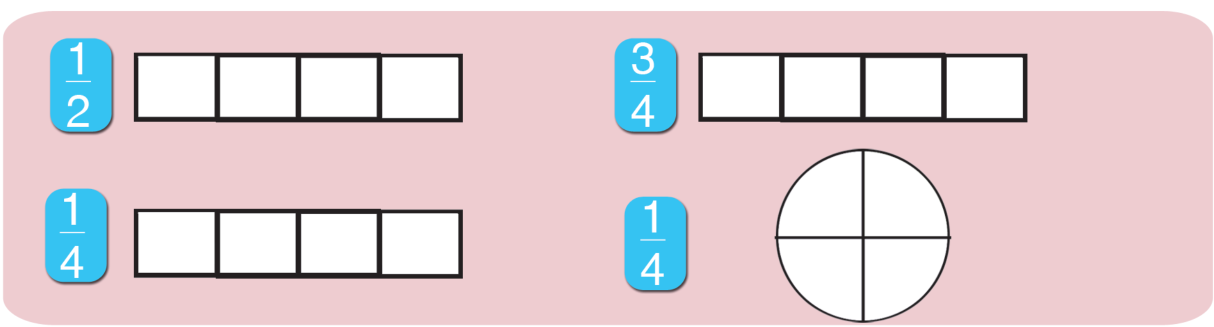
Gocha – 4 Wantoota kan akka rogarfee, geengoo fakkaatan bakka afuritti qooduun kurmaana ($\frac{1}{4}$) jedhanii waamuu.

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

Gilgaala – 3



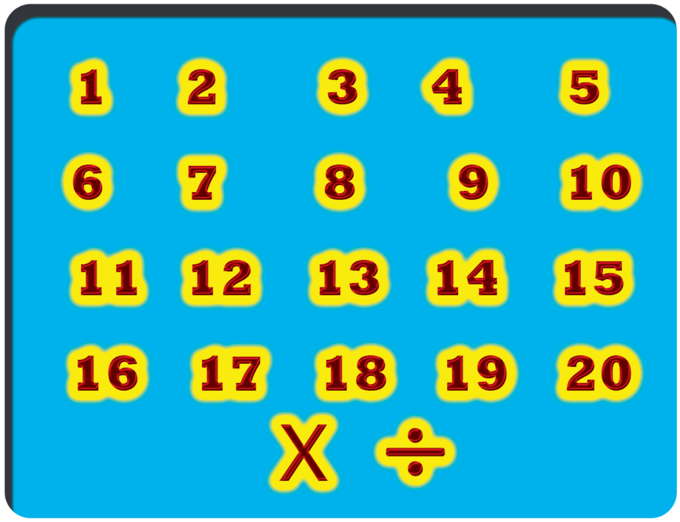
Gilgaala– 4



Gilgaala– 3 Danaa maqaa firaakshinii lakkoofsaan kenname ibsu filahcuu
Gilgaala – 4 Halluu dibuun firaakshinii kenname mul’isuu.

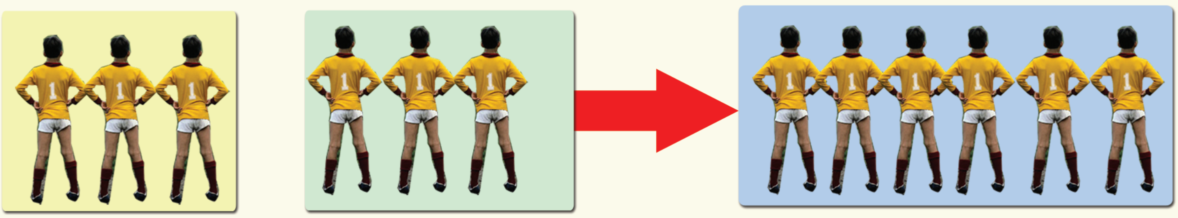
Boqonnaa 7

LAKKOOFSOTA HUNDAA HAMMA 20 TTI LAMAAN BAAY'ISUU FI LAMAAF HIRUU



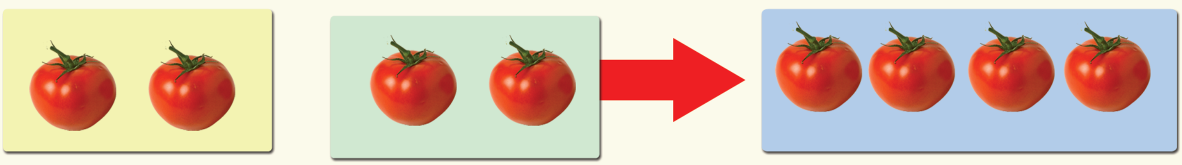
7.1 Lakkoofsota Hundaa hamma 20tti jiran Lamaan Baay'isuu

Gocha – 1



3 + 3 = 6

3 × 2 = 6



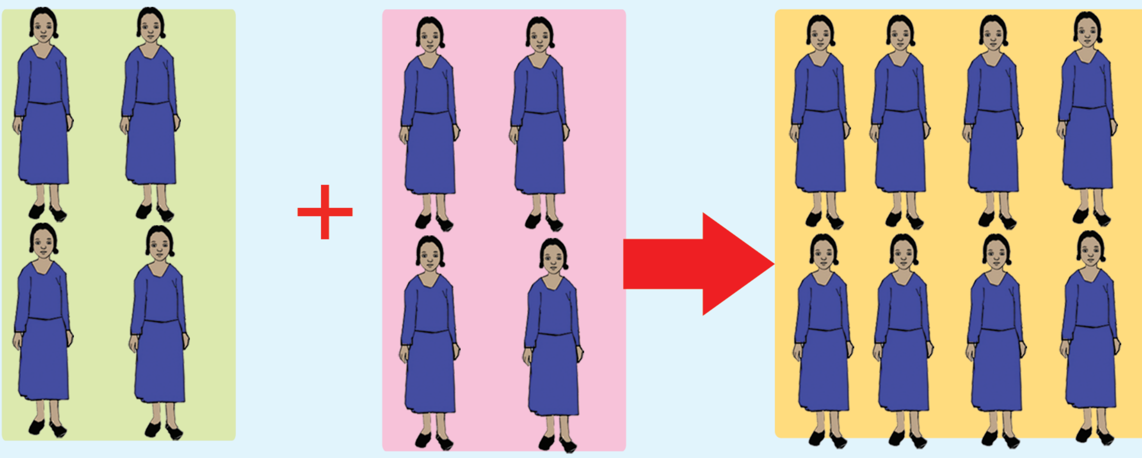
2 + 2 = 4

? × ? = 4

'×' kun mallattoo baay'isuu ti.

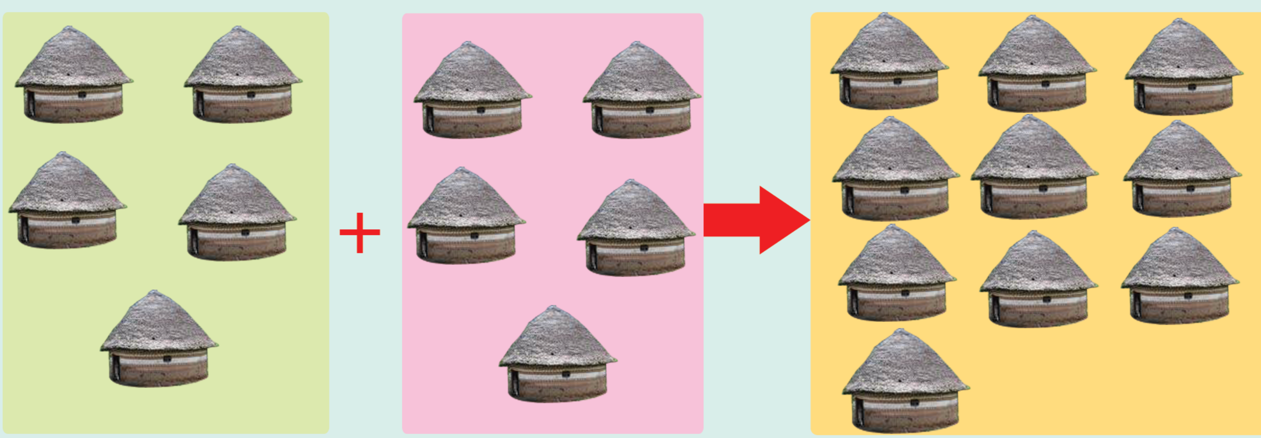
Gocha – 1 Garee barattoota shamarran sadii qabu lama ijaaruun daree fuulduratti baasuun 2n baay'isuu barsiisuu.

Gocha – 2 Hojii garee



4 + 4 = 8

? x 2 = 8

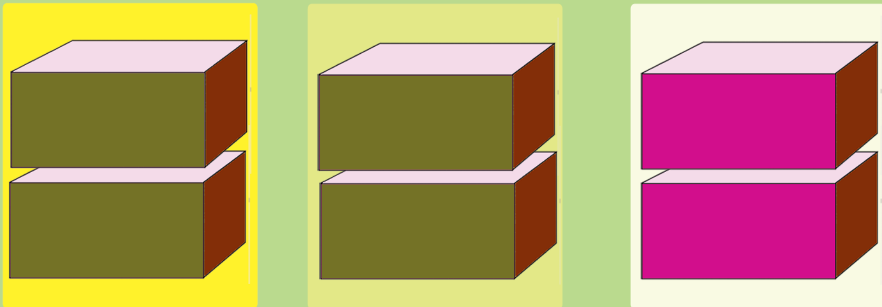


5 + 5 = 10

? x 2 = ?

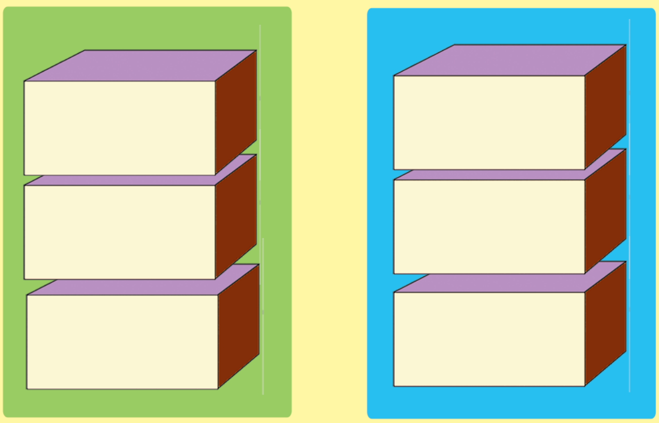
Gocha – 2 Lakkoofsa meeqa 2n yoo baay'ifnu 8 akka argannu xiinxaluu. Hariiroo 5 + 5 = 10 fi 5 × 2 = 10 hubachuu.

Gilgaala – 1



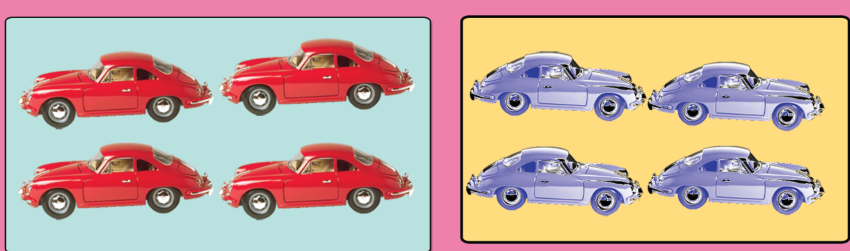
$2+2+2=6$

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



$3 + 3 = 6$

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



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

Gilgaala – 1 Danaalee kennaman lakkaa’uun bakka duwwaa irratti baay'ina isaanii guutuu.

Gocha – 3

Cirracha 1 si'a 2 = ?

1 + 1 = ?

1 x 2 = ?

Cirrachoota 3 si'a 2 = ?

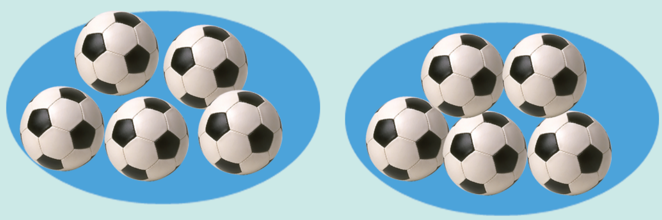
3 + 3 = ?

3 x 2 = ?

cirrachoota 2 si'a 2 = ?

2 + 2 = ?

2 x 2 = ?



cirrachoota 5 si'a 2 = ?

? + ? = ?

? x ? = ?

1 x 2 = ?

2 x 2 = ?

5 x 2 = ?

Gocha – 3 Bakka duwwaa lakkoofsa sirrii ta'een guutuu.

Gilgaala 2

	baay'isaa		baay'ifamaa		baay'ataa
8 + 8 =	8	X	2	=	16
9 + 9 =	?	X	?	=	?
10+10 =	?	X	?	=	?
6 + 6 =	?	X	?	=	?

Gilgaala – 3

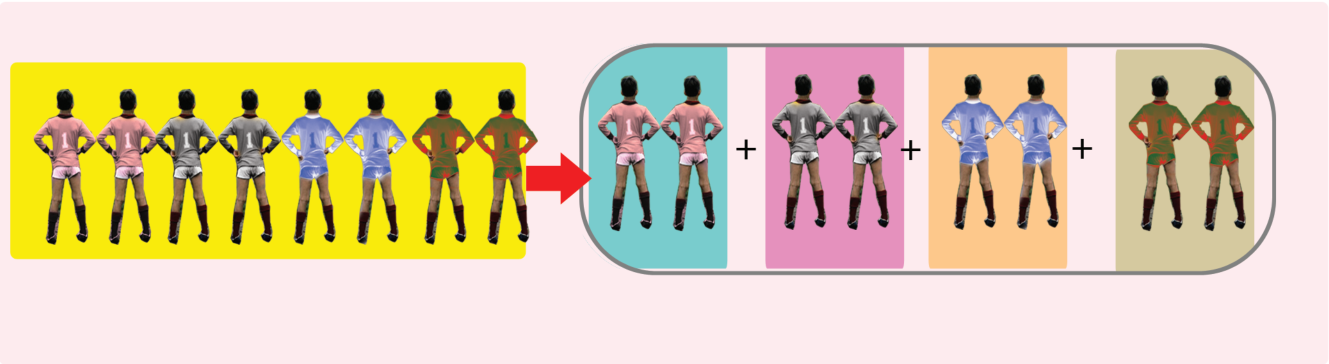
? + ? = ?

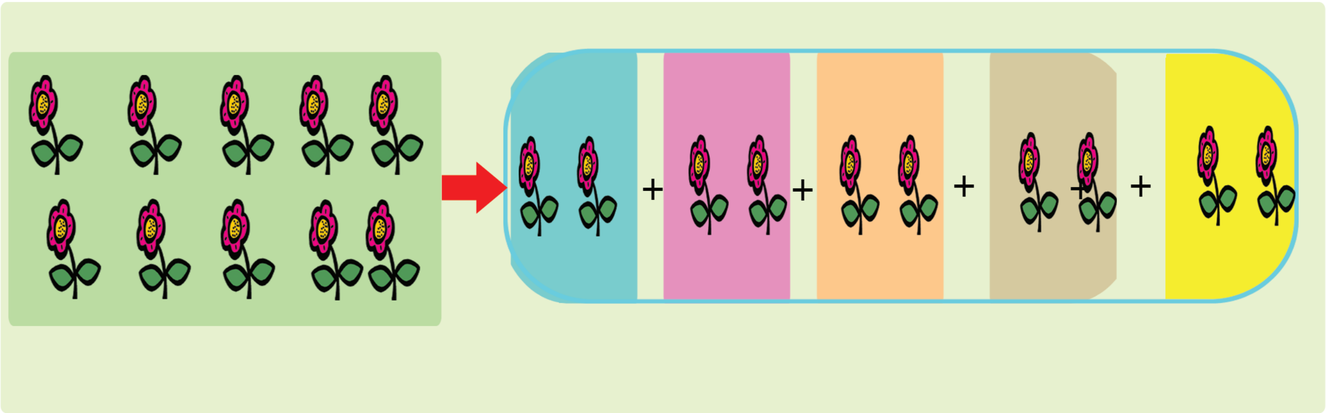
? X ? = ?

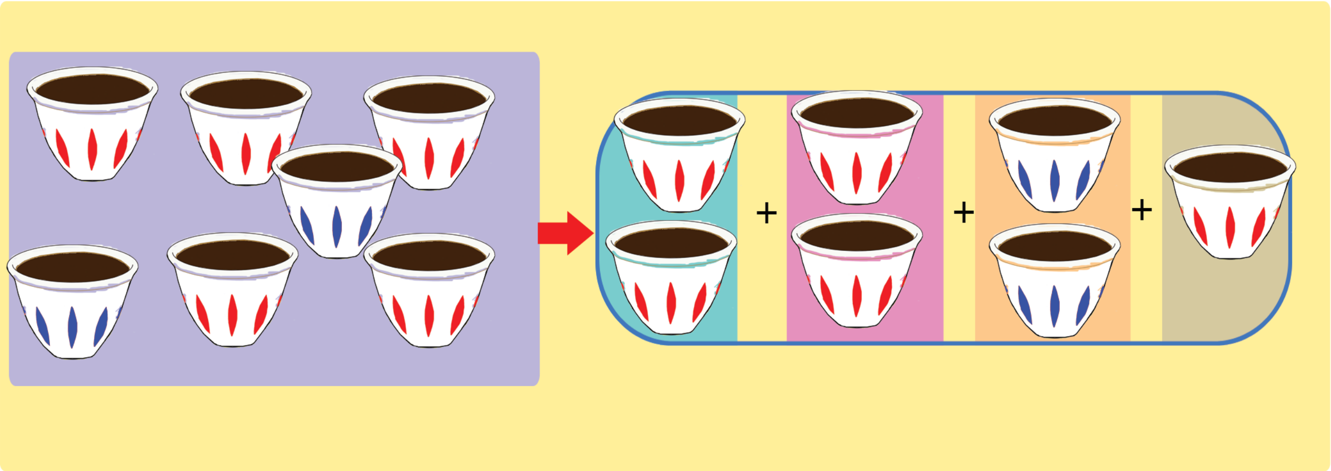
Gilgaala– 2 Fakkeenya kenname irratti hundaa'uun ida'uu gara baay'isuutti jijjiiruun baay'isaa, baay'ifamaa fi baay'ataa bakka duwwaa irratti guutuu.

Gilgaala– 3 Fakkiiwwan garee garee isaaniitti lakkaa'uun bakka duwwaa guutuu.

Gocha – 4 Hojii garee

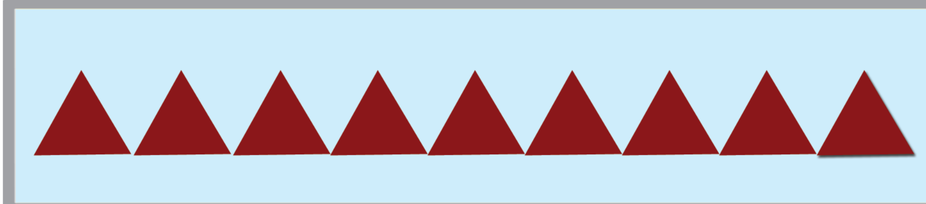
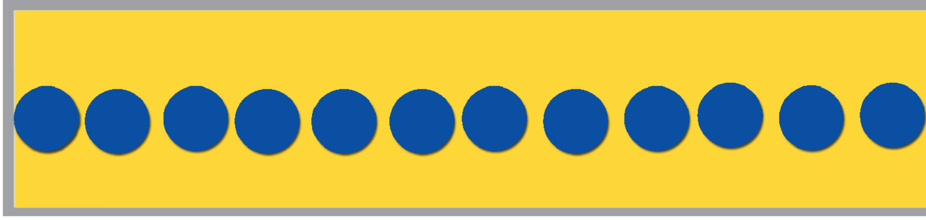




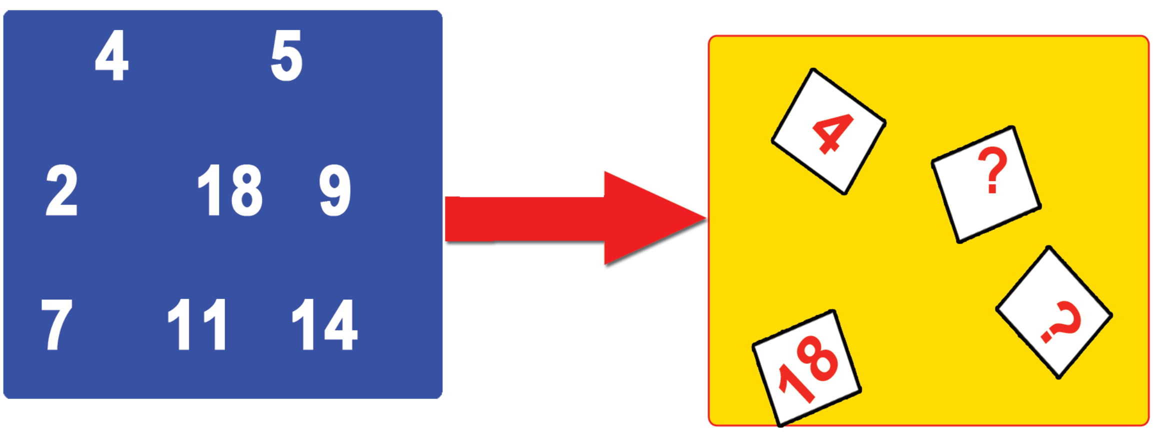


Gocha – 4 Fakkiiwwan kennaman lama lamaan qoodamuu fi dhiisuu isaanii xiinxaluu.

Gocha – 5 Hojii garee

	✓
	x
	?
	?

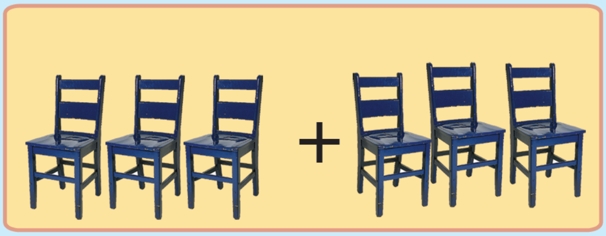
Gilgaala – 4



Gocha – 5 Danaalee kennaman lakkaa'uun lama lamaan (cimdiin) qoodamuu kan danda'an yoo ta'e mallattoo (✓) 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

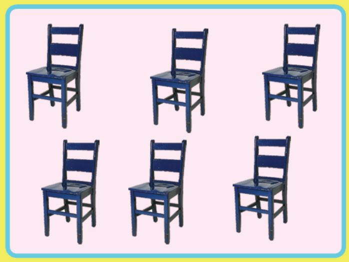


$=$

3 X 2 = 6

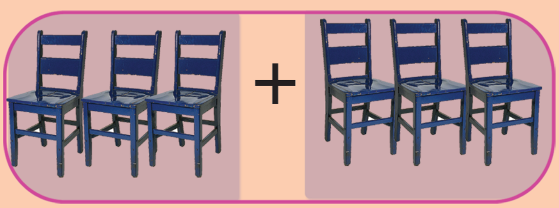
6

$=$

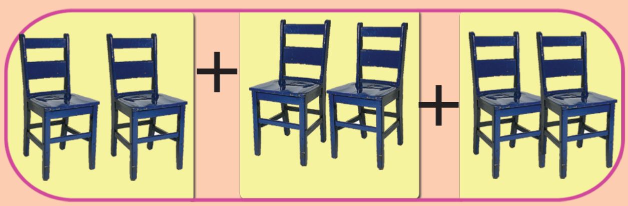


2 X 3 = 6

6



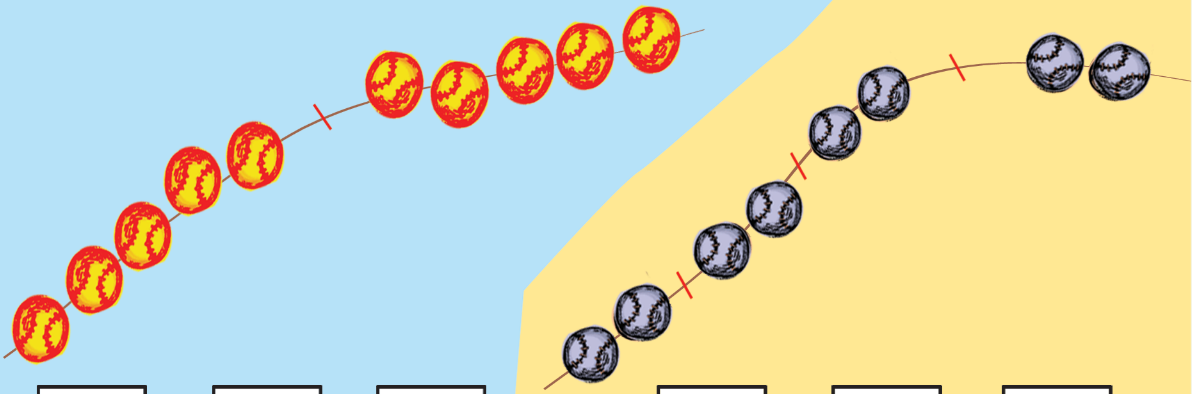
$=$



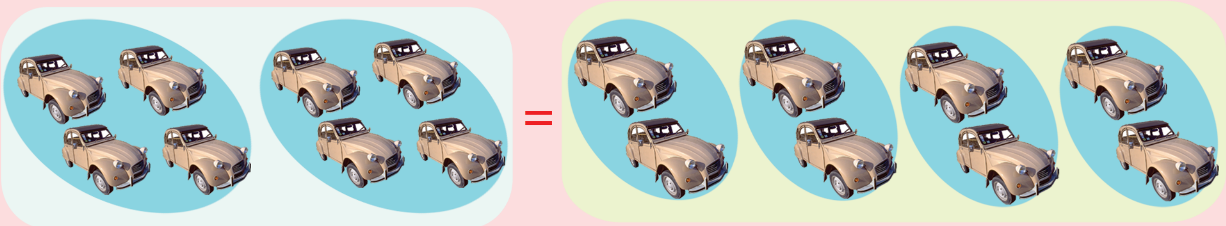
☐ × ☐ = ☐ × ☐

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

Gilgaala – 5



? x ? = ?   ? x ? = ?



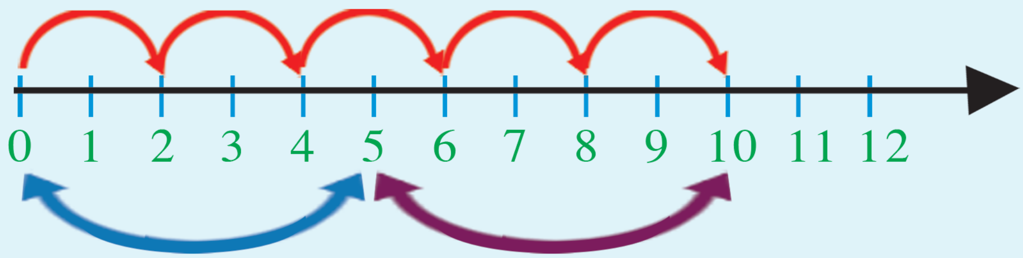
? x ? = ?   ? x ? = ?

2 X 3 = ? X 2

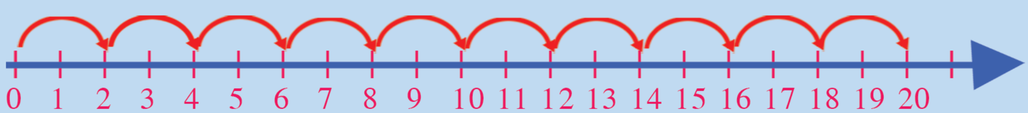
4 X 2 = ? X ?

Gilgaala – 5 Bakka duwwaa lakkoofsa sirrii ta’een guutuu.

Gilgaala – 6



2 X 5 = 5 X 2

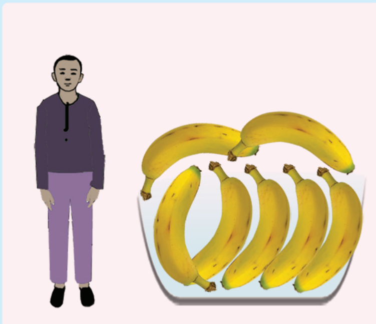


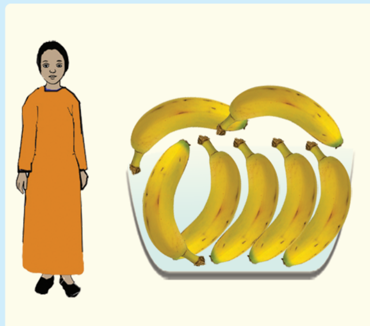
2 X 1 = 2	2 X 6 = 12
2 X 2 = 4	2 X 7 = 14
2 X 3 = 6	2 X 8 = 16
2 X 4 = 8	2 X 9 = 18
2 X 5 = 10	2 X 10 = 20

8 X 2 = ?	2 X 10 = ?
2 X 8 = ?	10 X 2 = ?

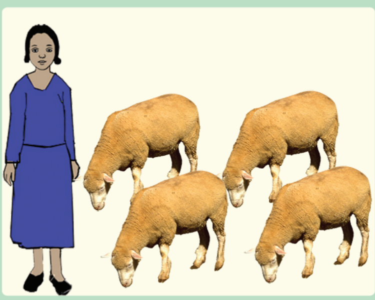
Gilgaala – 6 Firii hima baay'isuu barattoonni sagalee ol kaasanii akka dubbisan gochuu.
-Bakka duwwaa lakkoofsa sirrii ta'een guutuu.

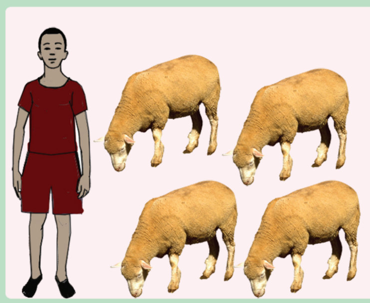
Gilgaala – 7





? x ? = ?





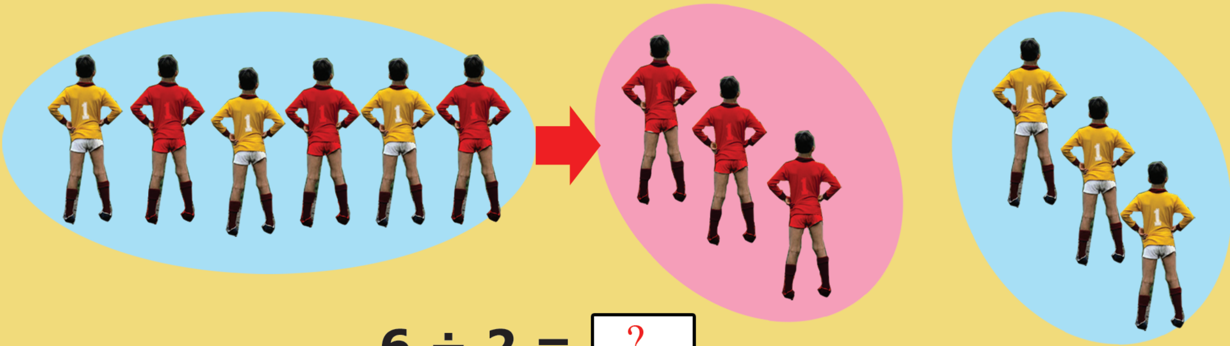
? x ? = ?

? x ? = ?

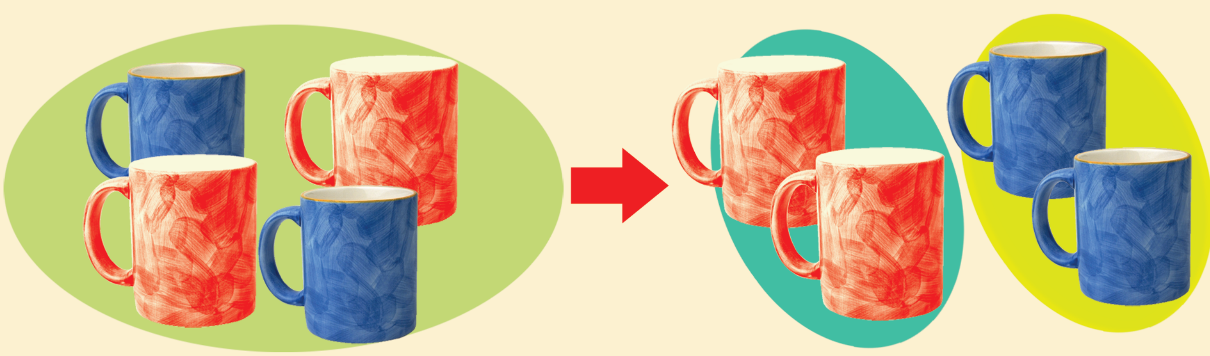
Gilgaala – 7 Piroobileemota jechaaf furmaata kennuu.

7.2 Lakkoofsota guutuu hamma 20tti jiran lamaaf hiruu

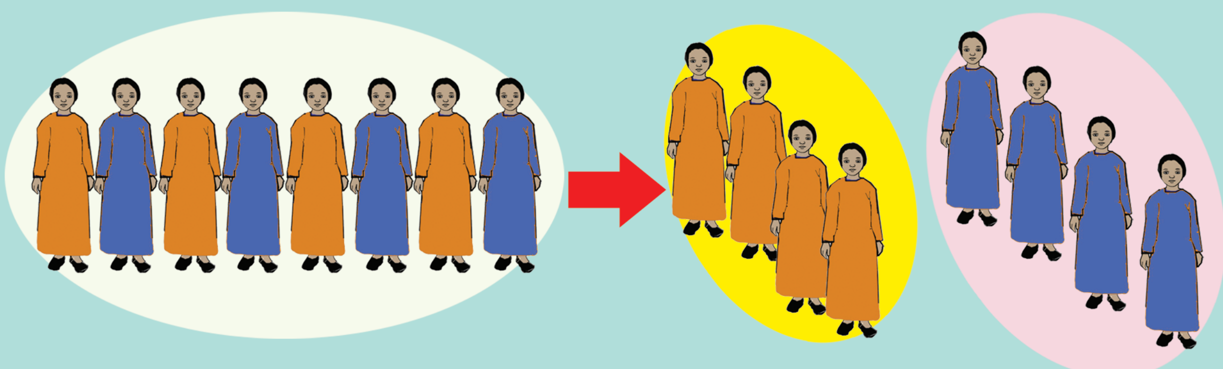
Gocha – 7



$6 \div 2 =$?



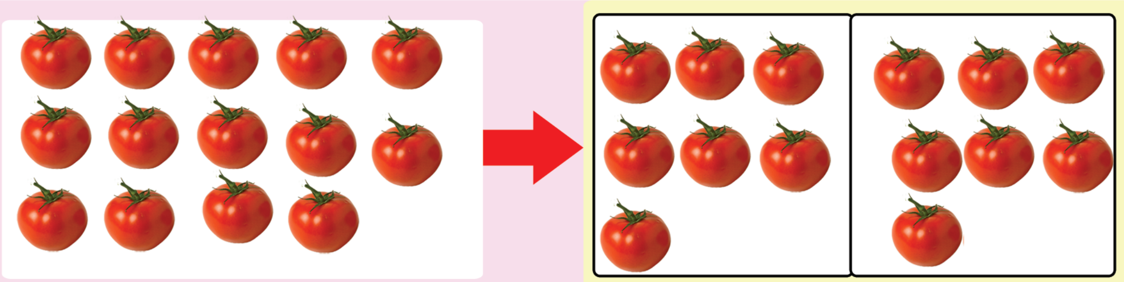
$4 \div 2 =$?



$8 \div 2 =$?

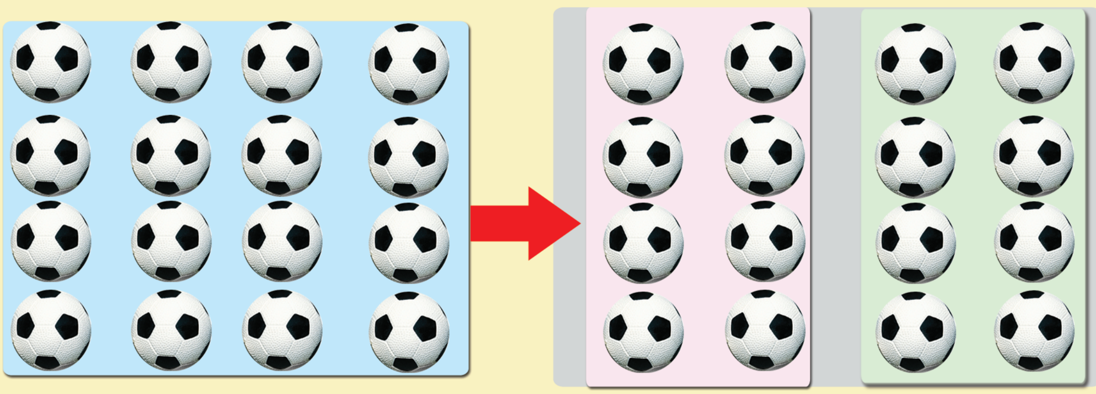
Gocha – 7 Bakka duwwaa guutuu.

Gocha – 8

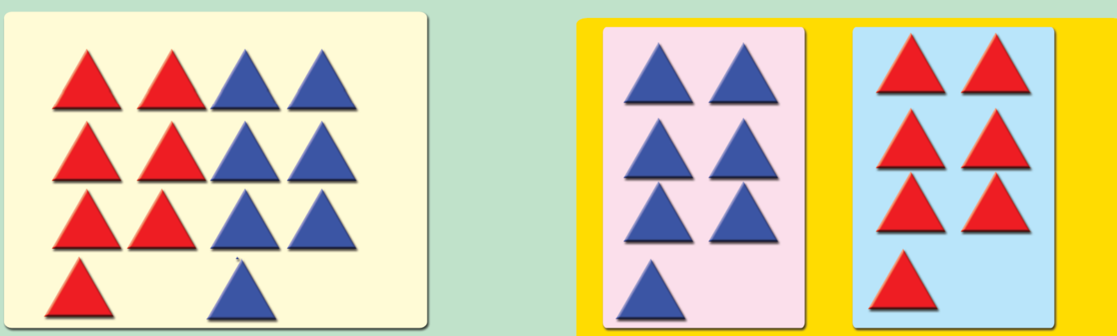


$14 \div 2 = ?$

Qoodamaa Qoodaa ga’ee



$? \div ? = ?$



$? \div ? = ?$

$? \times ? = ?$

Gocha – 8 Danaalee lakkaa’uun lakkoofsa hima kenname dhugoomsu saanduqa keessatti guutuu.

Gilgaala – 8

$10 \div 2 = \boxed{?}$

$18 \div 2 = \boxed{?}$

$20 \div 2 = \boxed{?}$

$14 \div 2 = \boxed{?}$

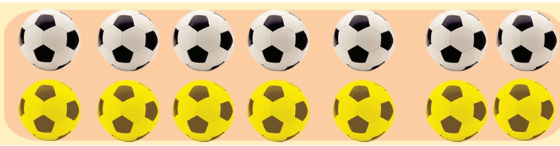
$12 \div 2 = \boxed{?}$

$8 \div 2 = \boxed{?}$

Lamaaf hiruu, lamaan baay'isuun ibsuu

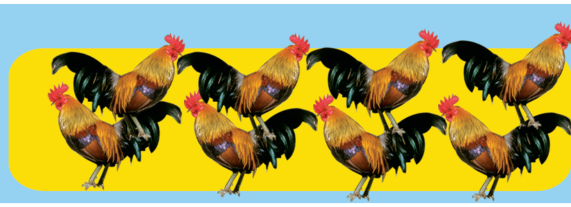
$12 \div 2 = 6$
$6 \times 2 = 12$

$14 \div 2 = \boxed{?}$
$7 \times 2 = \boxed{?}$



$16 \div 2 = \boxed{?}$
$\boxed{?} \times \boxed{?} = \boxed{?}$

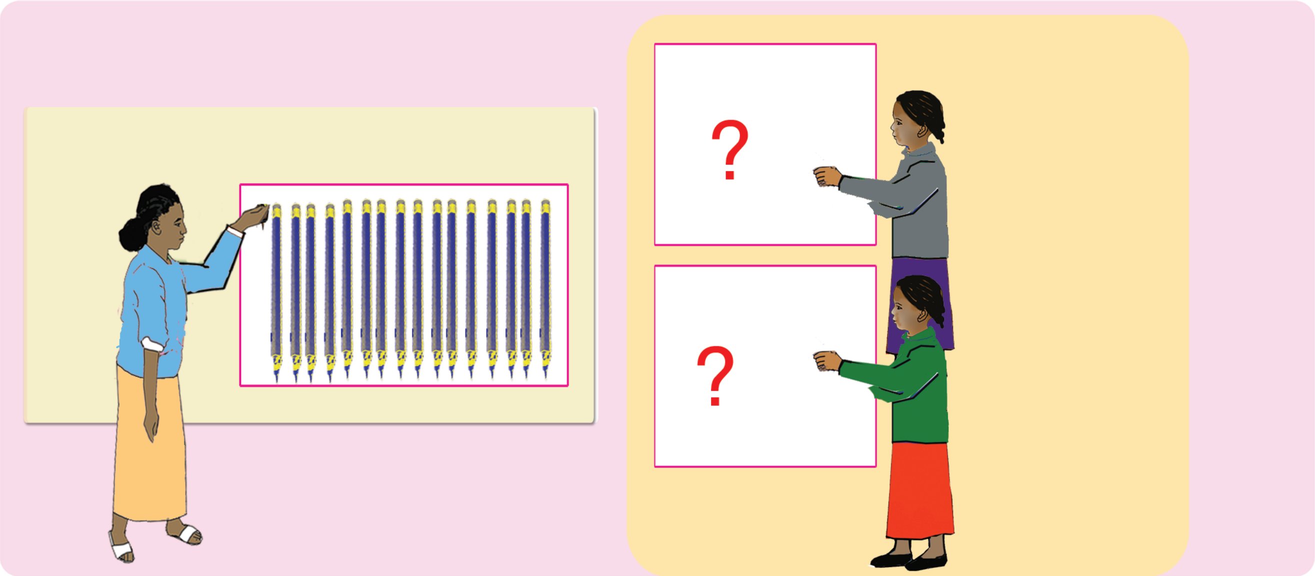
$8 \div 2 = \boxed{?}$
$2 \times 4 = \boxed{?}$

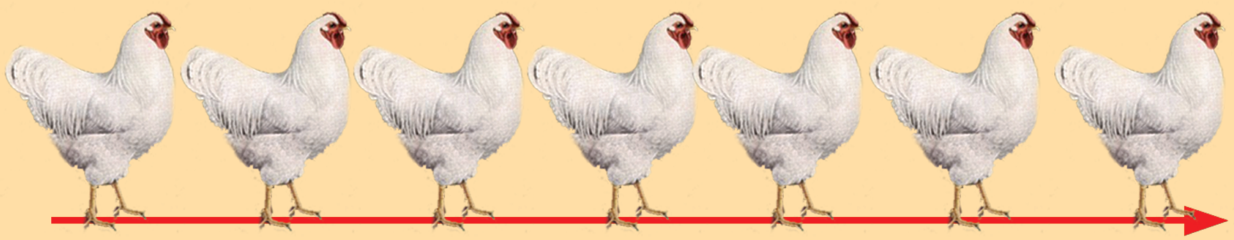


$10 \div 2 = \boxed{?}$
$2 \times 5 = \boxed{?}$

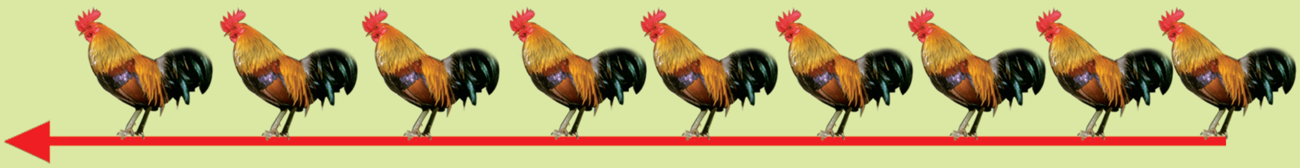
Gilgaala – 8 Hima 2f hiruu gara 2n baay'isutti jijjiiruun bakka duwwaa guutuu.

Gilgaala – 9





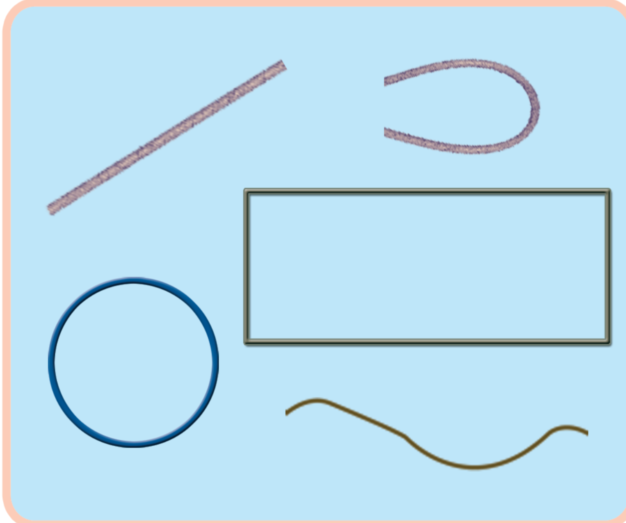
$2 \times \boxed{?} = 14$



$2 \times \boxed{?} = 18$

Gilgaala – 9 Pirobileemota jechaa furuu.

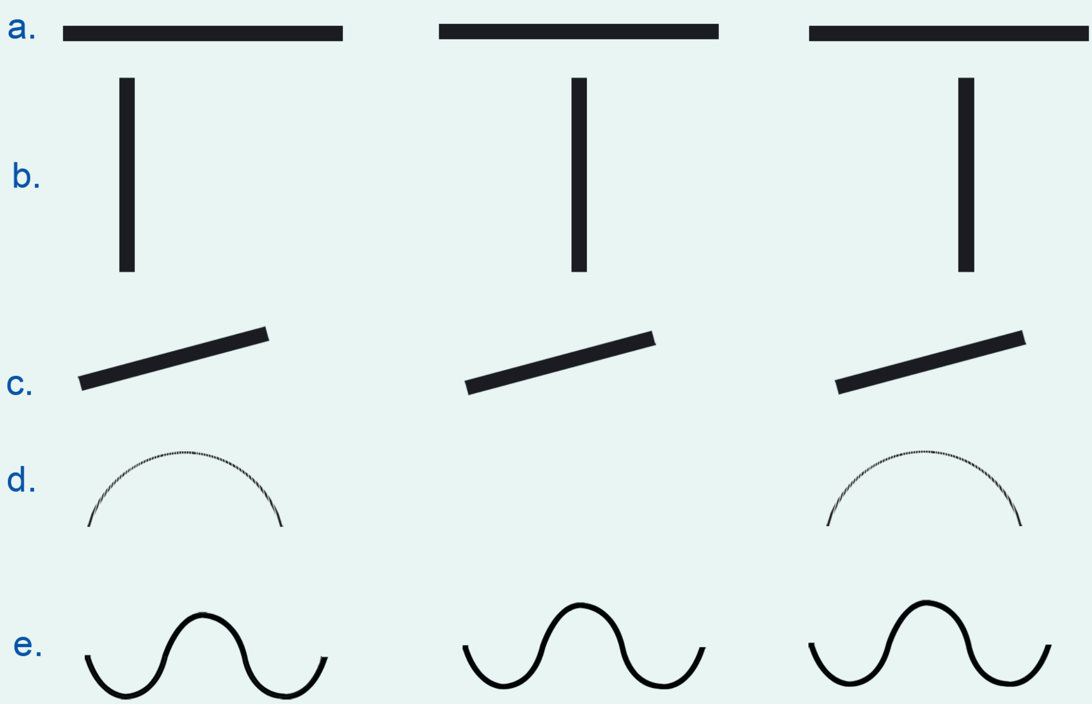
Boqonnaa 8



SARAROOTAA FI DANAALEE SASALPHOO

8.1 Sararoota qajeeloo fi sararoota Jajalloo

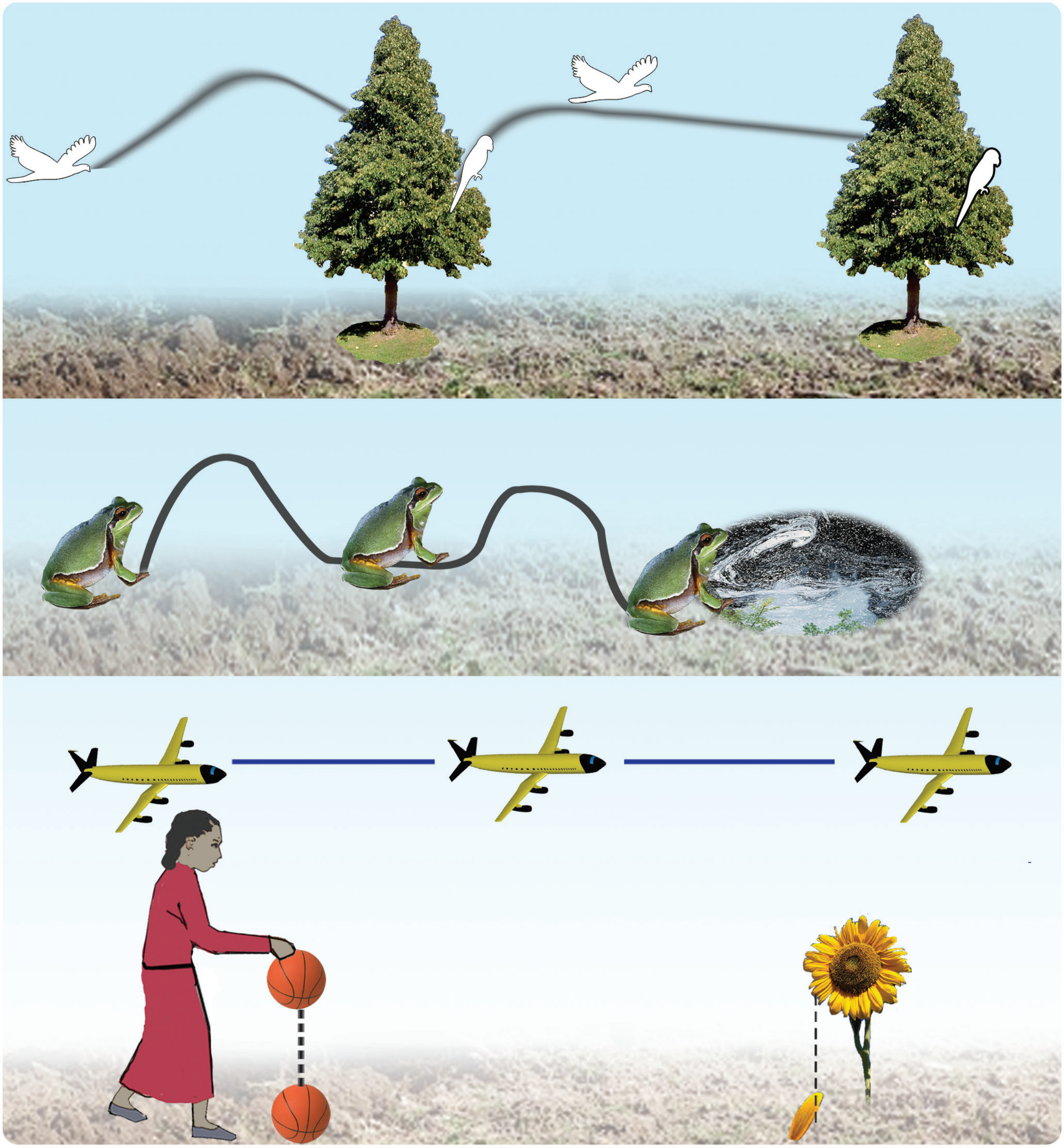
Gocha – 1



Gocha – 1 Sararoota qajeeloo fi jajalloo addaan baasuu.

- Jalqaba quba harkaan qilleensa irratti shaakaluu, boodas dabtara irratti fakkeessuu.

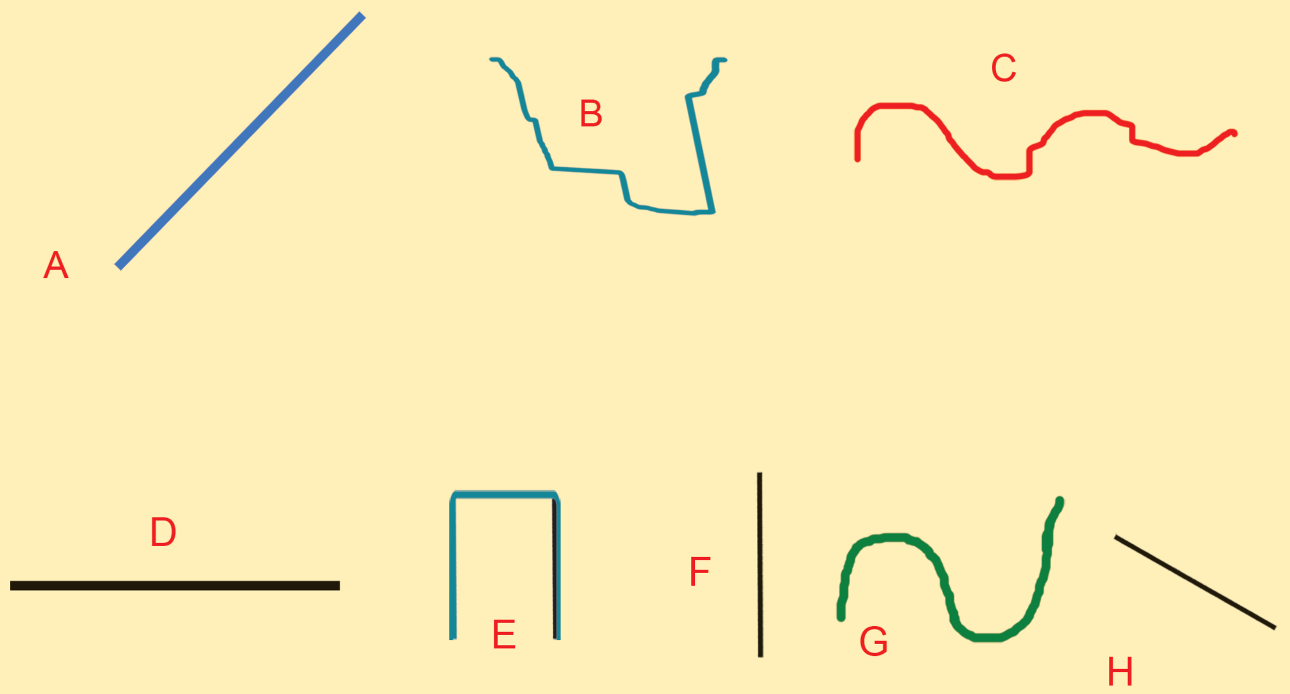
Gocha – 2



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

Gocha – 3 (Hojii garee) Wantoota naannootti argaman ilaaluun qajeeloo fi daddaboo jechuun qooduun gabaasa dhi’eessuu.

Gilgaala – 1



Sarara qajeelaa : A ____________

____

____

____

Sarara Jallaa B ____________

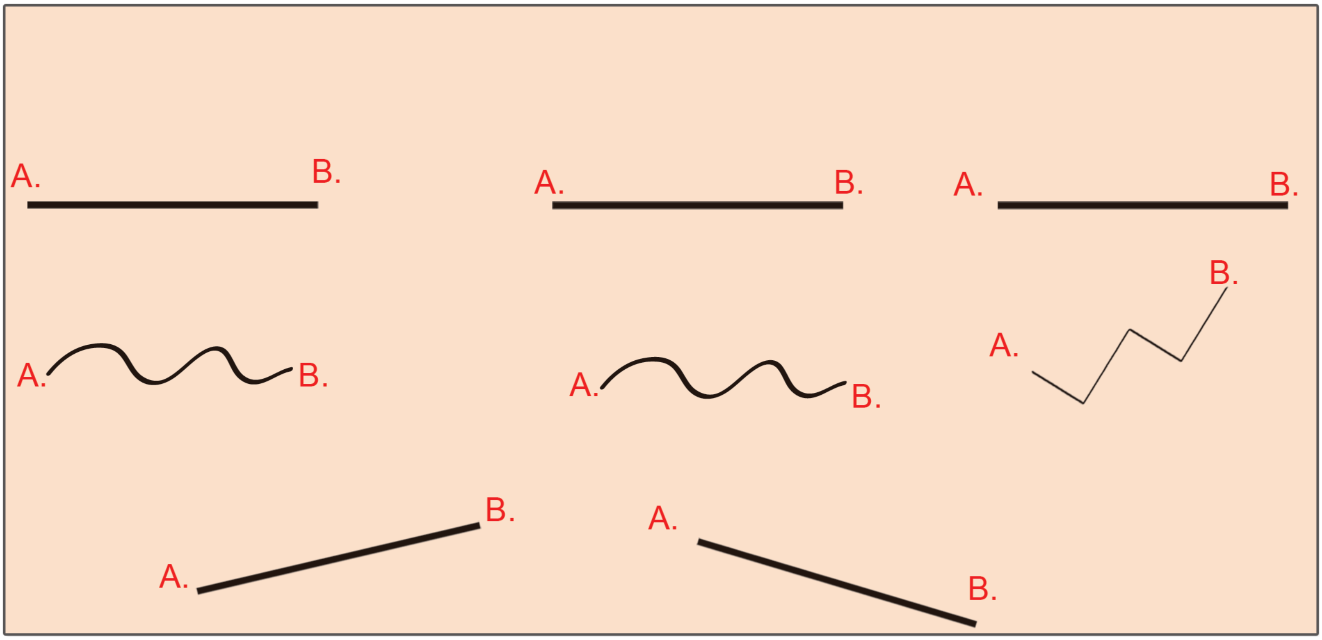
____

____

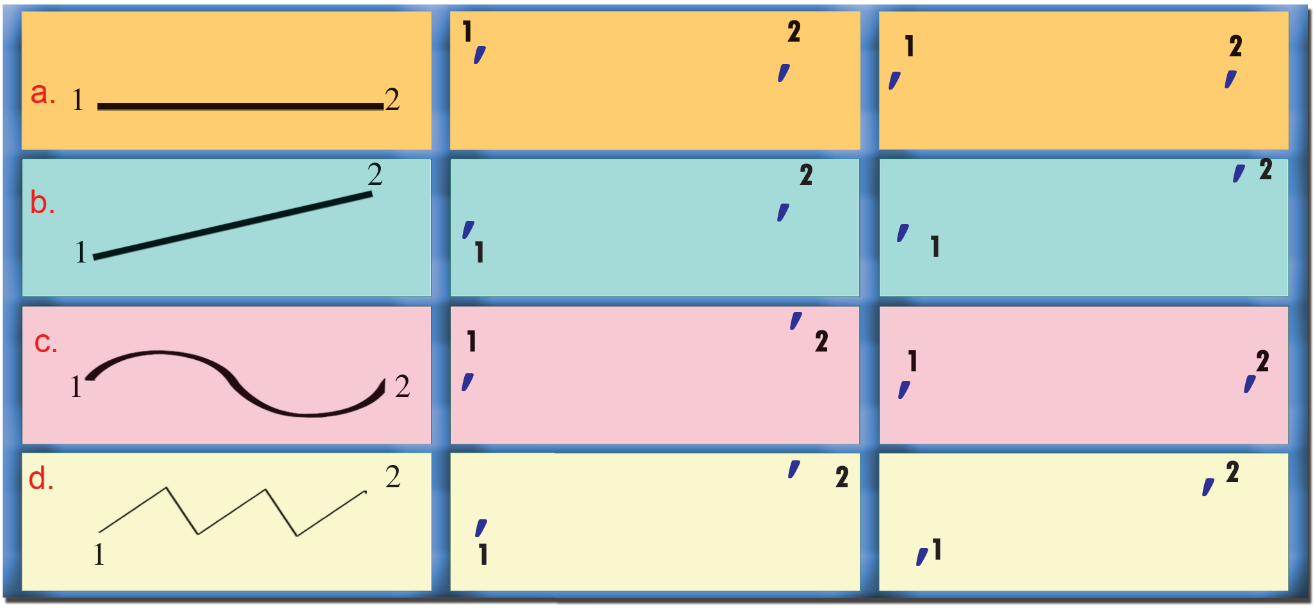
____

Gilgaala – 1 Sararoota qajeeloo fi jajalloo addaan baasuun qubee isaan bakka bu'u bakka duwwaa irratti barreessuu.

Gocha – 4



Gilgaala – 2



Gocha – 4 Tuqaalee fiixee lamaan quba isaaniitiin qabuun gosa sarara uumamuu qajeelaa ykn jallaa jechuun qooduu.

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

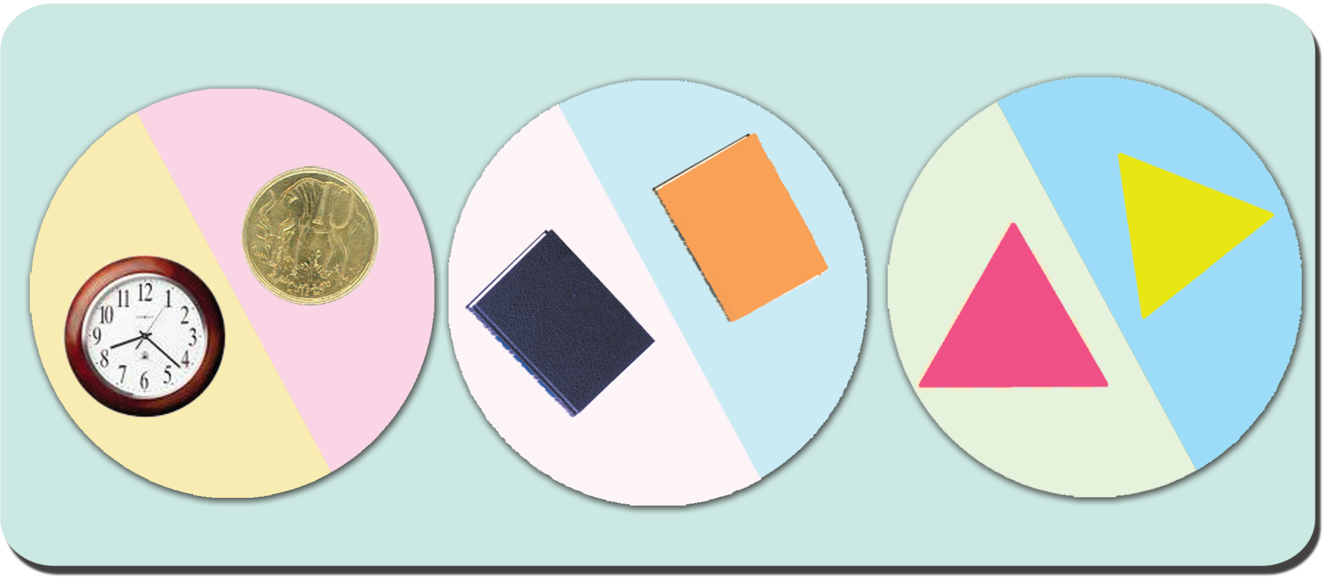
8.2. Danaalee Sasalphoo

Gocha – 5

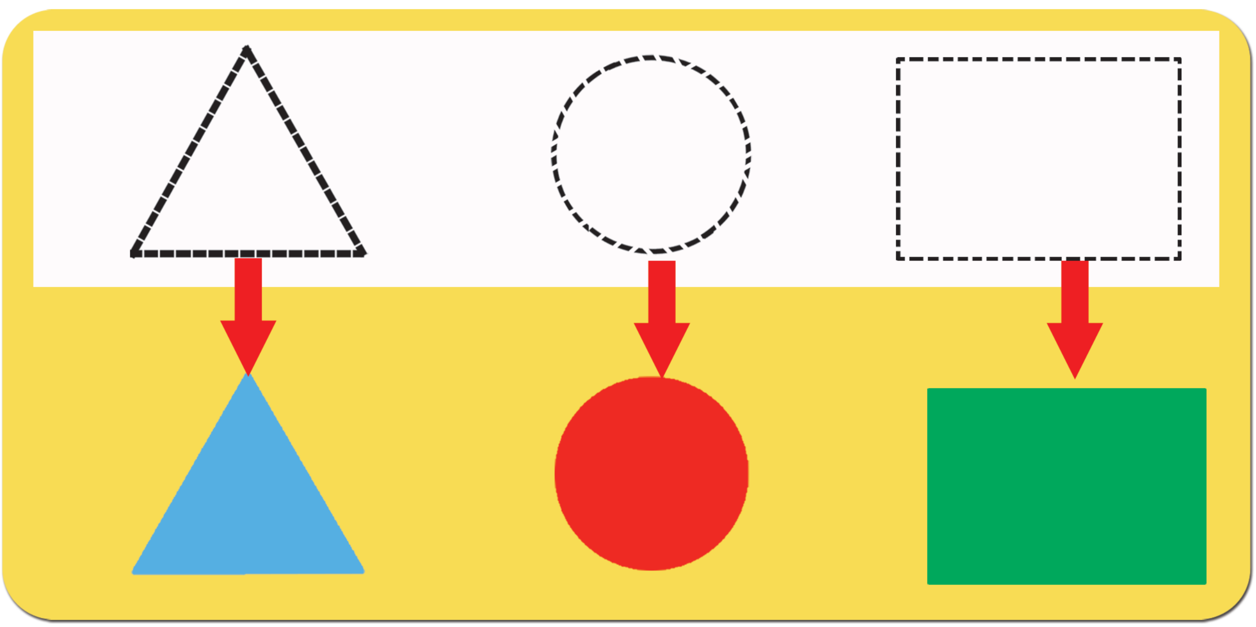
Gilgaala – 3

Gocha – 5	Danaalee kennaman rogsadee, rogafree ykn geengoo jechuun addaan baasuu.
Gilgaala – 3	Waraqaa irraa danaalee kennaman kutuun qopheessuu.

Gilgaala – 4



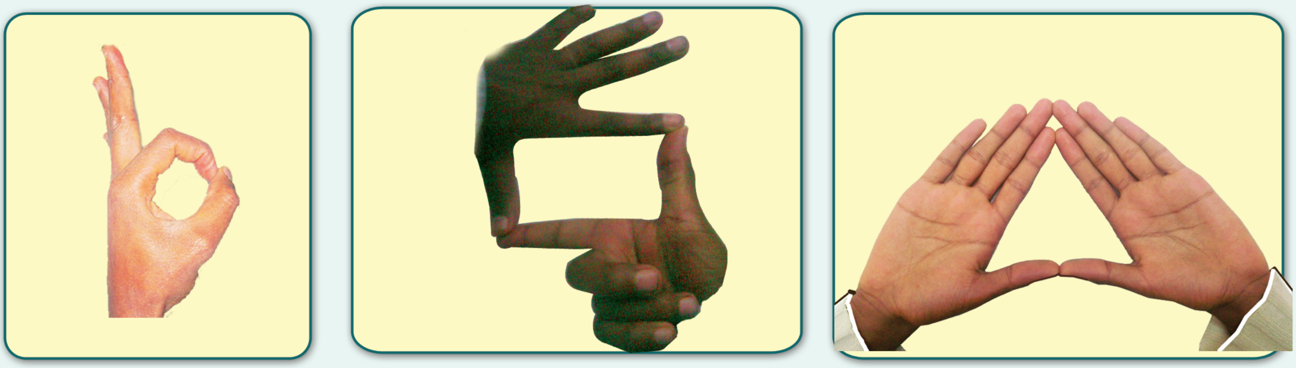
Gocha – 6



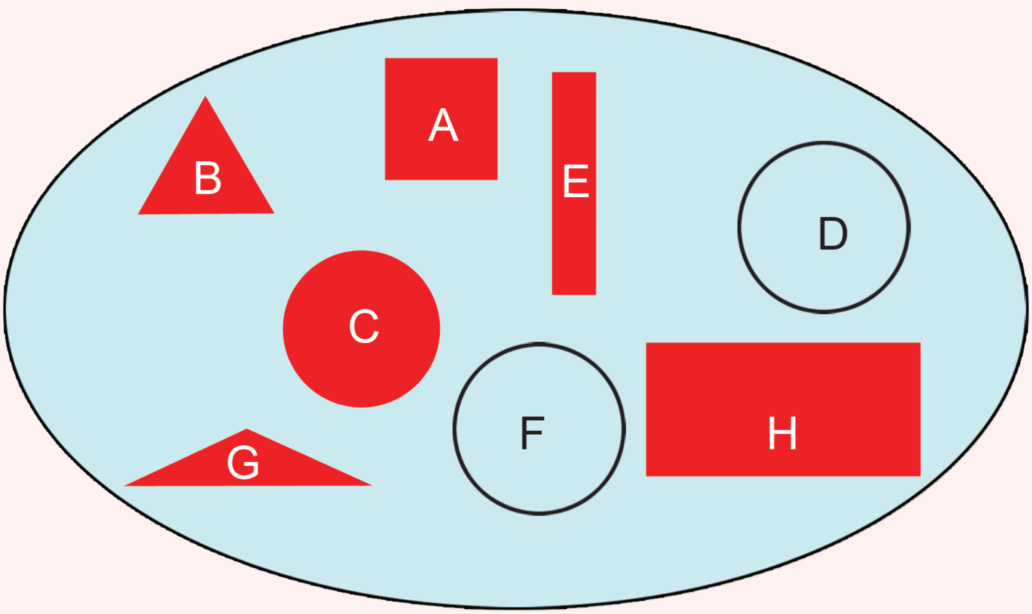
Gilgaala– 4 Wantoota naannootti argamaniin fayyadamuun rogsadee fi geengoo fakkeessuu (Dinaara, saahinaa, kubbaayyaa . . . wkf)

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

Gocha – 7



Gocha – 8

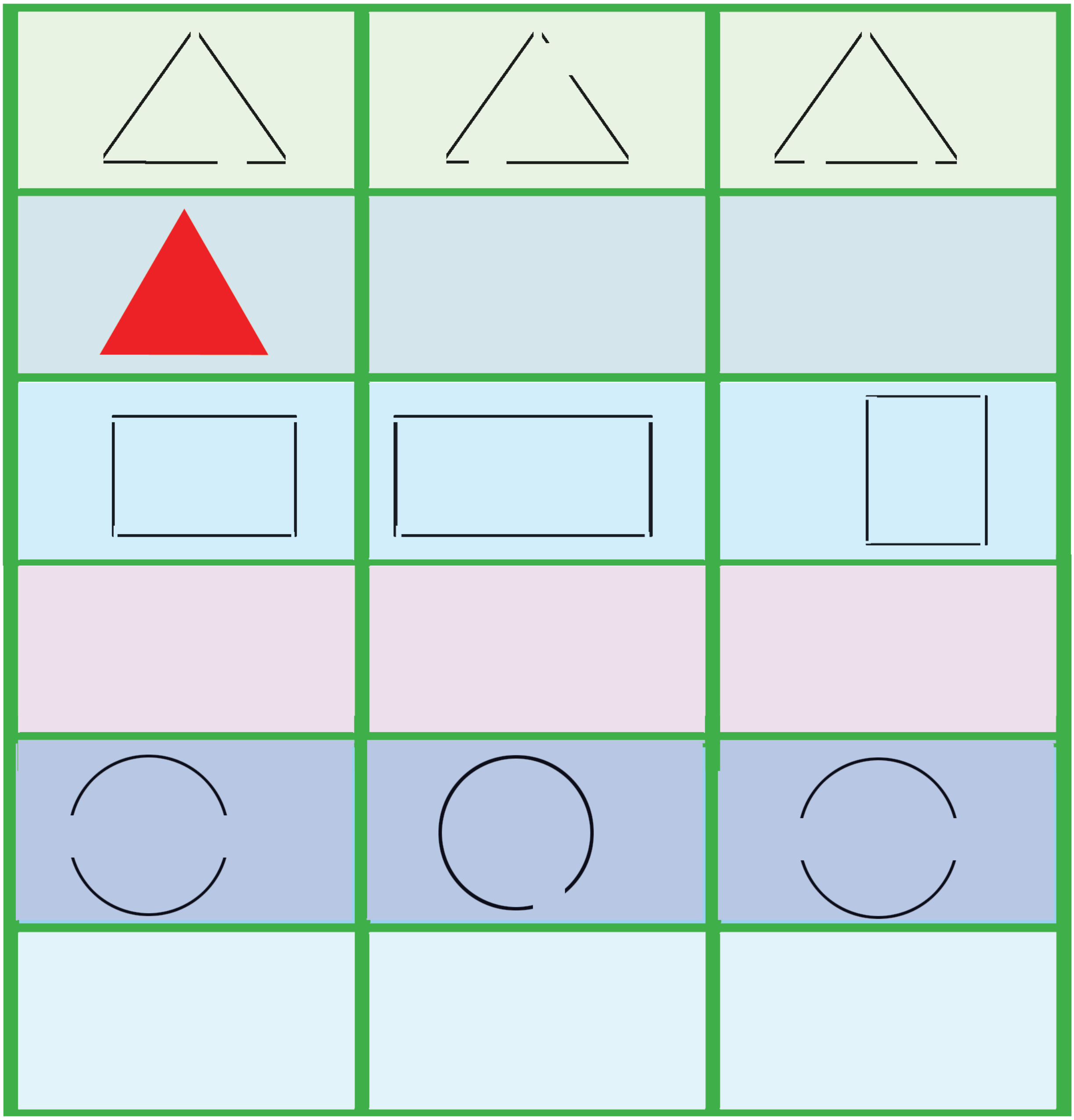


rogsadee	rogafree	geengoo
B	______	______
______	______	______
	______	______

Gocha – 7 Quba harkaatti fayyadamuun rogsadee, rogafree fi geengoo agarsiisuu.

Gocha – 8 Gareen ta'uun danaalee addaan qooduu.

Gilgaala – 5



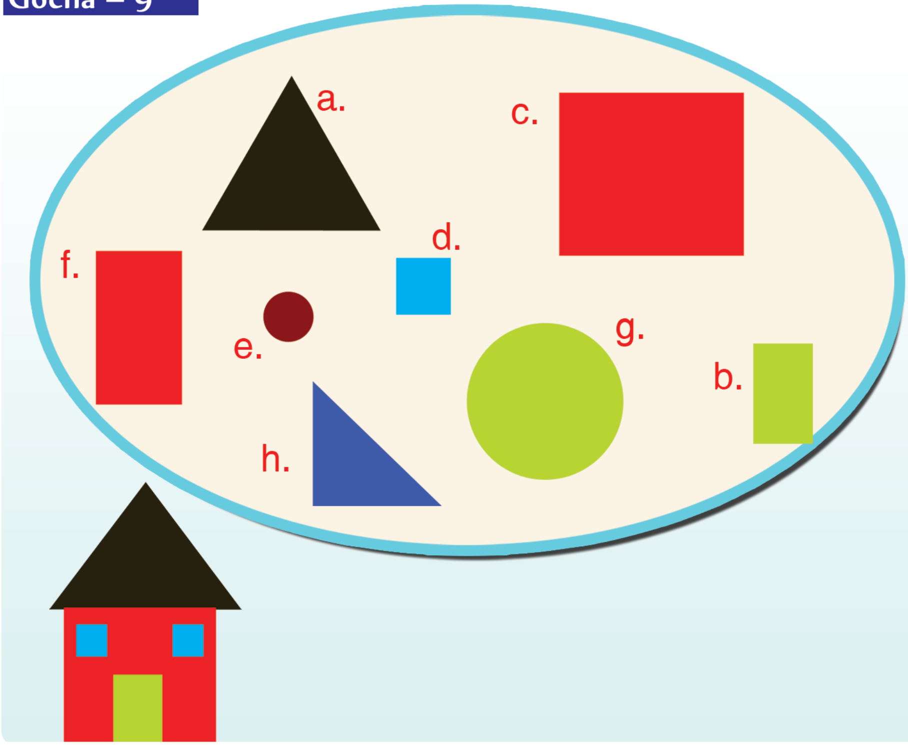
A

B

C

Gilgaala – 5 Sararoota addaan citan walitti qabsiisuun rogsadee, rogafree fi geengoo fakkeessuu.

Gocha – 9



a. rogsadee

b. rogafree

c.__________

d.__________

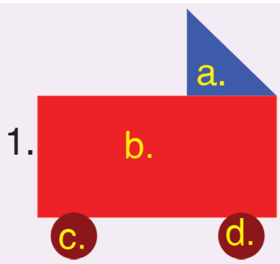
e.__________

f.__________

g.__________

h.__________

Gilgaala – 6

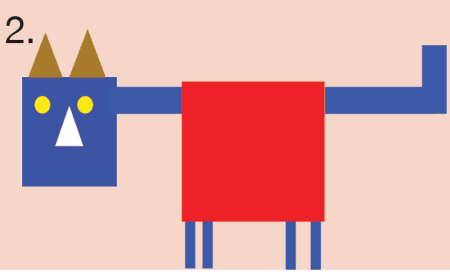


a. rog-sadee

b.______________

c. ______________

d.______________



Fakkii kana irra geengoo meeqatu jira? ________

Rogsadee meeqatu jira?__________

Rogafree meeqatu jira? __________

Gocha – 9	Danaalee geengoo keessaa rogsadee, rogafree fi geengoo jechuun addaan baasuu.
Gilgaala – 6	1. Danaa kana hojjechuuf danaalee kamitti akka fayyadaman himuu. 2. Baay'ina rogsadee, rogafree fi geengoo dubbachuu fi barreessuu.

Boqonnaa 9

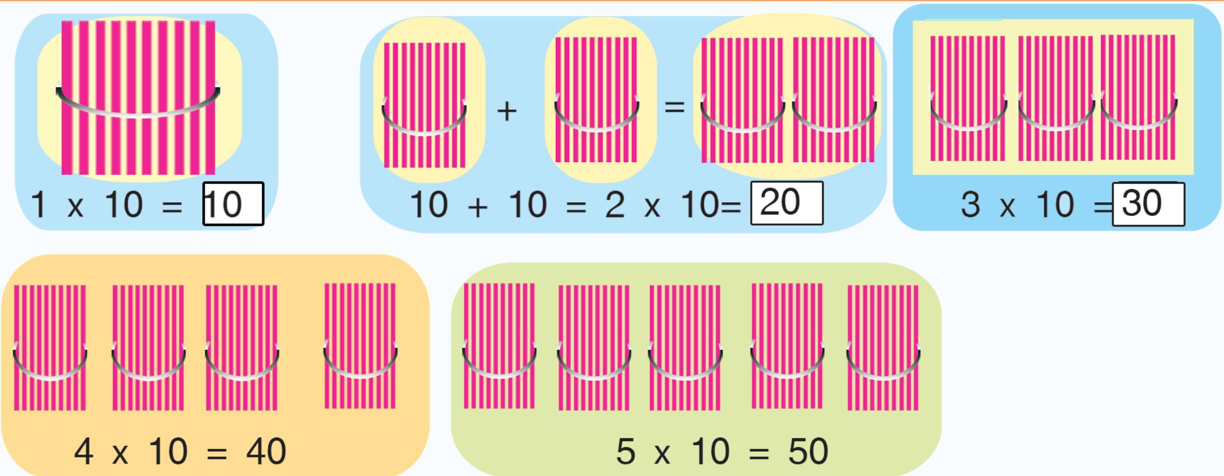
LAKKOOFSOTA HUNDAA HAMMA 1OOTTI

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

+, −, X ÷

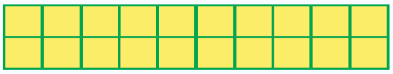
9.1 Baay'attoota 10 hamma 100tti

Gocha – 1

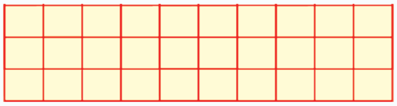


Gilgaala – 1

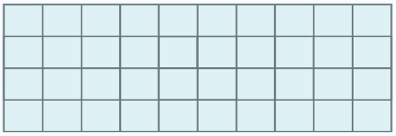
1 X 10 = 10



2 X 10 = 20



☐ x ☐ = ☐

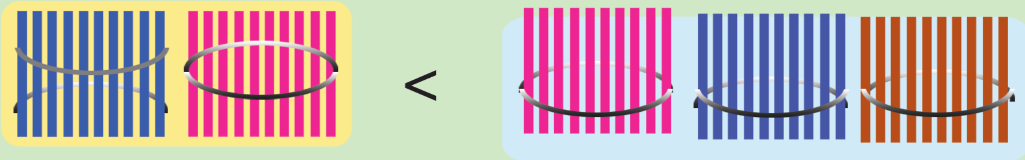


☐ x ☐ = ☐

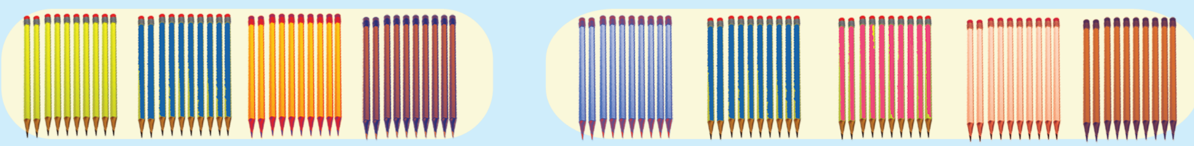
Gocha – 1 Muka kudhan kudhaniin hidhame lakkaa'uun baay'attoota 10 addaan baasuu.

Gilgaala – 1 Iskuweerota lakkaa'uun bakka duwwaa hima baay'isuutiin guutuu.

Gocha – 2



10 + 10	<	10 + 10 + 10
2 x 10	<	3 X 10
2	<	3
20	<	30



10 + 10 + 10 + 10		10 + 10 + 10 + 10 + 10
4 x 10	<	5 x 10
4	<	5
40	<	50

Gilgaala – 2

< , > , =

60 > 40
6 > 4
6 x 10 > 4 X 10

50 ? 30

70 ? 80

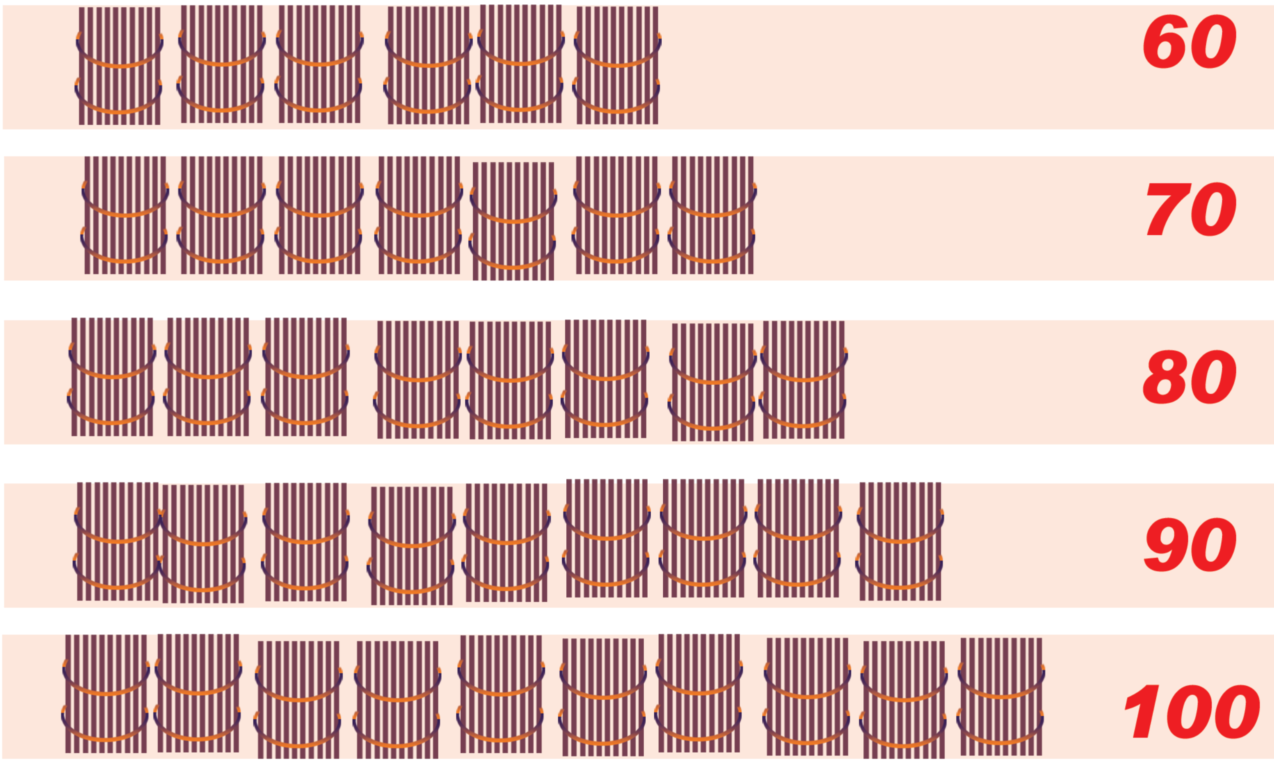
90 ? 20

40 ? 4X10

Gocha – 2 Hidhaa mukaan fayyadamuun baay'attoota 10 waliin madaaluu.

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

Gilgaala – 3



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

2. Dalga baay'isuu

3 X 10 = ?

5 X 10 = ?

9 X 10 = ?

8 X 10 = ?

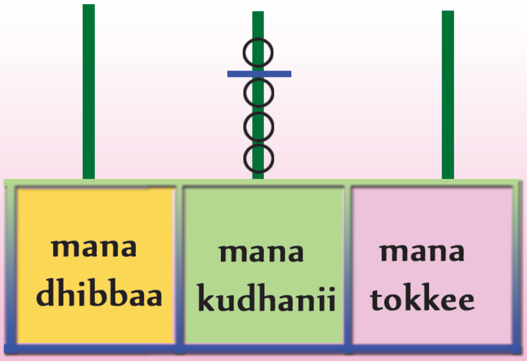
4 X 10 = ?

7 X 10 = ?

Gilgaala – 3 Bakka duwwaa gabatee irraa guutuu. Dalga baay’isuu.

Gocha – 3

Abaakasii



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

Gabatee ida'uu

$40 + 20 = \boxed{60}$

$$\begin{array}{r} 40 \rightarrow \square \\ +\ 20 \rightarrow \square \\ \hline 60 \rightarrow \square \end{array}$$

+	mana Kudhanii	mana tokkee
	4	0
	2	0
	6	0

Gilgaala – 4

$30 + 40 = \boxed{?}$

$60 + 20 = \boxed{?}$

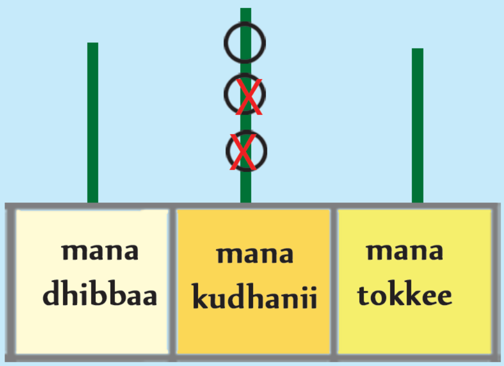
$20 + 70 = \boxed{?}$

$90 + \boxed{?} = 100$

Gocha – 3	Abaakasii fi gabatee ida'uttii fayyadamuun ida'amni sirrii ta'uu mirkaneeffachuu.
Gilgaala – 4	Abaakasii yookiin gabatee ida'uutti gargaaramuun shallaguu.

Gocha – 4

Abaakasii

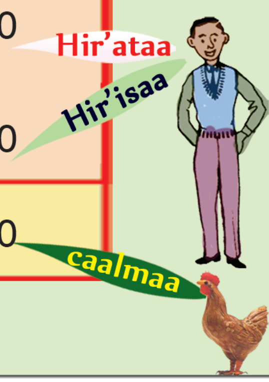


$$\begin{array}{r} 30 \\ -20 \\ \hline 10 \end{array}$$

Gabatee hir'isuu

90 - 30 = 60

	mana kudhanii	mana tokkee
−	9	0
	3	0
	6	0



Gilgaala – 5

40 - 30 = ?

60 - 20 = ?

70 - ? = 20

Gocha – 4 Abaakasii fi gabatee hir'isuutti fayyadamuun caalmaa barbaaduu.

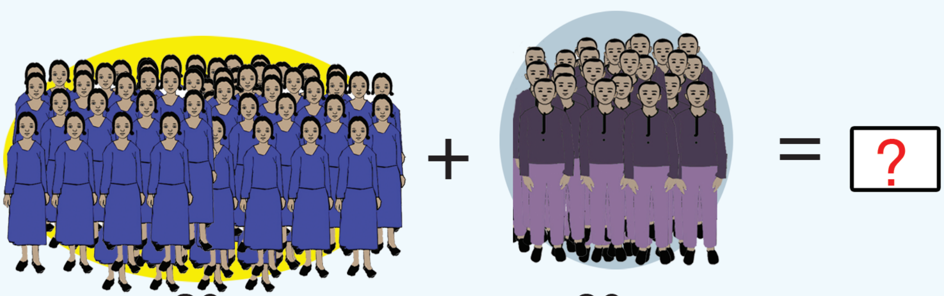
Gilgaala – 5 Abaakasii yookiin gabatee ida'uutti fayyadamuun caalmaa shallaguu.

Gilgaala – 6 **Hojii garee**

1. Mooraa horsiisee bulaa tokko keessa saawwan 60, jiboota 10 fi jabbootni 20 yoo jiraatan, waliigalatti horii meeqatu jira ?

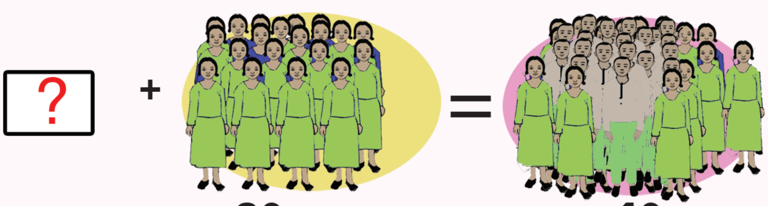
60 + 10 + 20

2. Iddoo walga’ii tokkotti dubartoota 80 fi dhiira 20tu argama. Waliigalatti namoota meeqatu argame?



80 + 20

3. Daree tokko keessa barattoota 40tu jira. Isaan keessaa barattoonni 30 dubaroota. Baay’inni barattoota dhiiraa meeqa?



30 40

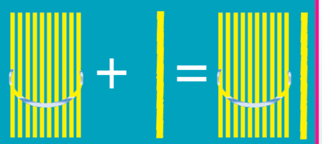
4. Ani lakkoofsa 50 yoo ana irratti dabalan 90 ta’a. Ani meeqa?

? + 50 = 90

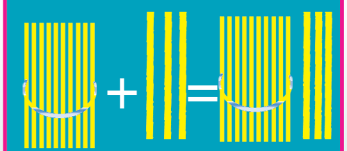
Gilgaala – 6 Pirobileemota jechaa gareen ta’uun furuu.

9.2 Lakkoofsota hundaa 21 hamma 100tti jiran

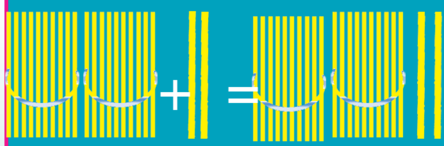
Gocah – 5



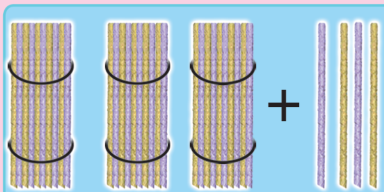
10 + 1 = 11



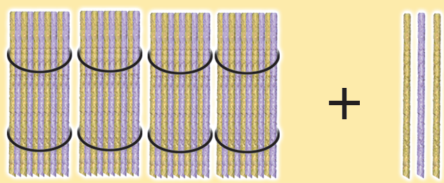
10 + 3 = ☐



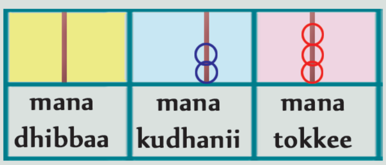
20 + 2 = ☐



☐ + ☐ = ☐

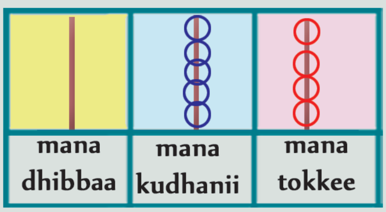


☐ + ☐ = ☐



20 + 3 = 23

2 x 10 + 3 = 23



54 = 50 + 4 = 5 x 10 + 4

Gilgaala – 7

10 + 9 = ☐

30 + 7 = ☐

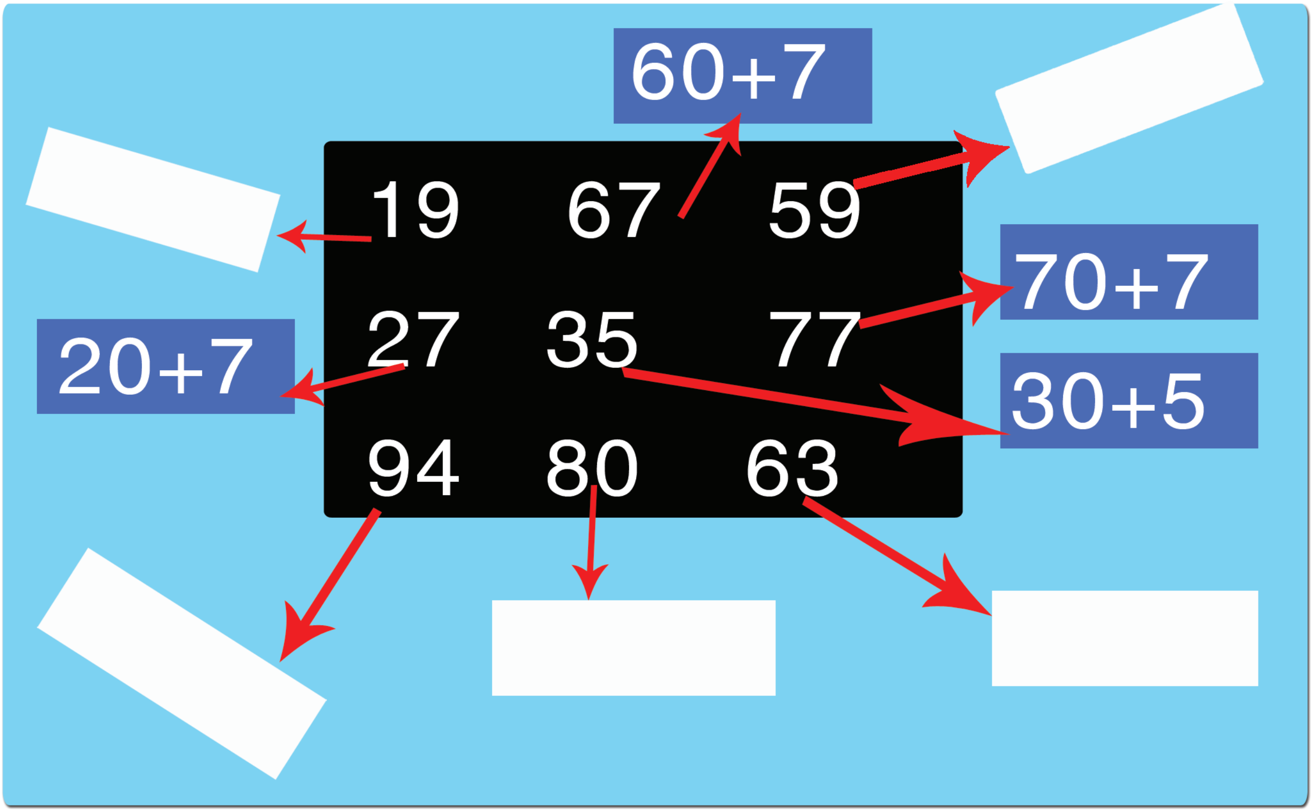
☐ + 60 = 65

7 + ☐ = 97

Gocha – 5 Uleewwan kudhaniin hidhamanii fi uleewwan hin hidhamin (1-9) tti yookiin abaakasiitti fayyadamuun ida'uu.

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

Gocha – 6



Gilgaala – 8

1. 43 = 40 + 3
2. 59 = ☐ + ☐
3. 78 = ☐ + ☐
4. ☐ = 80 + 8
5. 17 = ☐ + ☐

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

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

9.3 Tartiiba lakkoofsota hundaa hamma 100tti jiranii

Gocha – 7

1.

21	22	23	24	25	26	27	28	29	30

2.

34			37				41		43

3.

49				53					58

4.

	57					62			65

Gilgaala – 9

1. 73, 72, 78, 76
   $72 < 73 < 76 < 78$

2. 31, 13, 62, 27
   ____

3. 18, 26, 19, 29, 32
   ____

4. 75, 82, 99, 80
   ____

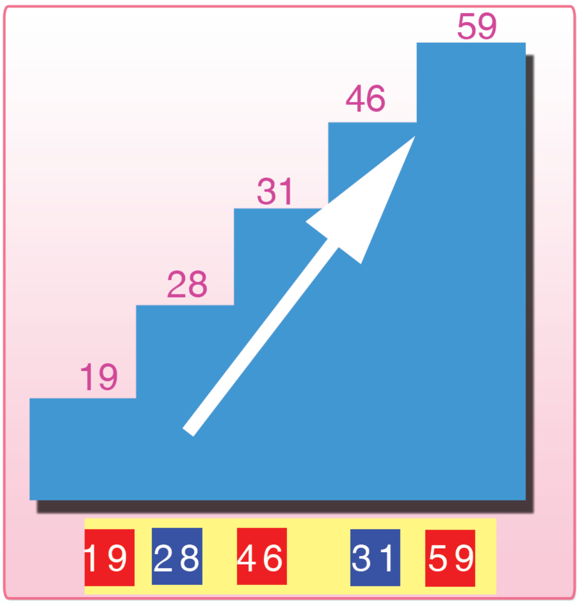
Gocha – 7 Tartiiba lakkoofsotaa irratti hundaa'uun bakka duwwaa guutuu.

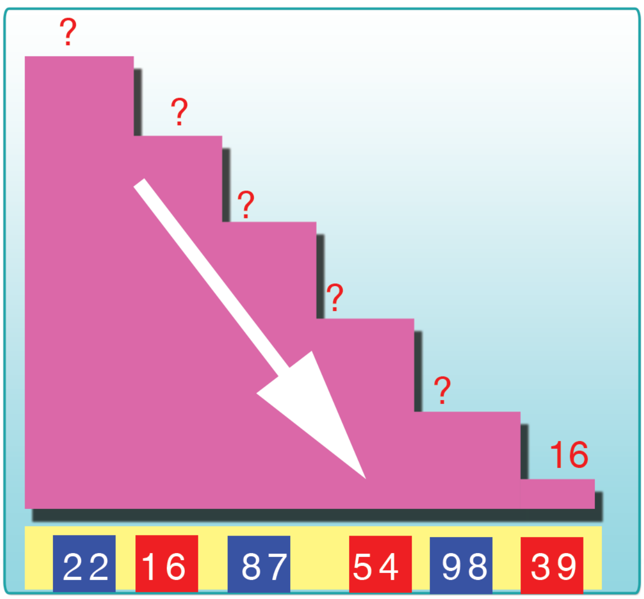
Gilgaala– 9 Akka fakkeenyaan kennametti tartiibaan kaa'uu.

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

Gilgaala – 10





Gocha– 8	Bakka duwwaa gabatee irraa tartiiba lakkoofsotaa eeguun guutuu fi dubbisuu.
Gilgaala –10	Gara gadiitii egaluun xiqqaa iraa gara guddaatti tartiibaan gara oliitti barreessuu.

Gocha – 9

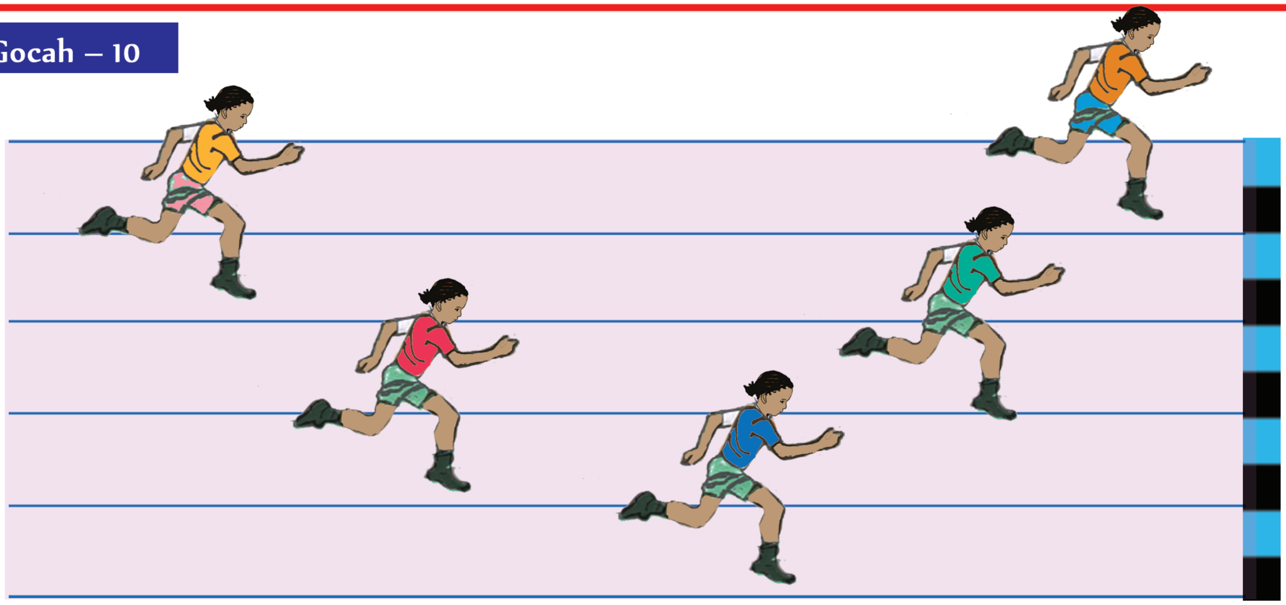
19	20	?	70	?	85
?	22	?	76	?	62
?	27	?	79	?	40

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 Duursaa lakkoofsa kennamee barbaadduu, itti fufaa lakkoofsa kennamee barbaaduu fi lakkoofsa lakkoofsota lamaan kennaman giddutti argamu barbaaduu.

Gocah – 10



Gilgaala -11

Caaltuu ___1ffaa___

Tulluu ___________

Turaa ___________

Faaxuumaa ___________

Gocha – 10 Atileetota halluu uffata isaaniitiin sadarkaa isaanii tartiibaan ibsuu.

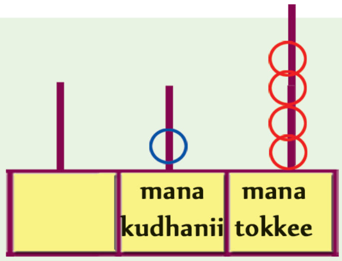
Gilgaala – 11 Sadarkaa namoota hiriiranii ibsuu. Maqaa isaanii cinaatti sadarkaa isaanii barreessuu.

9.4 Mana lakkoofsotaa hamma 100tti

Gocha –11

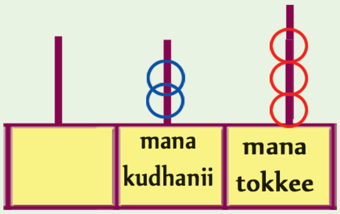
Abaakasii

14



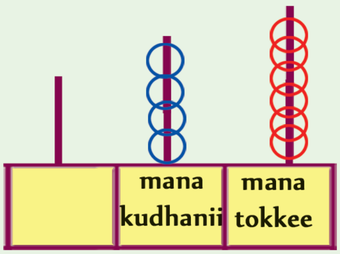
mana kudhanii	mana tokkee
1	4

23



mana kudhanii	mana tokkee
2	3

47



mana kudhanii	mana tokkee
4	7

Diddiriirsuu

25=2X10+5

96=9X10+6

Lakkoofsa	mana kudhanii	mana tokkee
25	2	5
96	9	6

Gilgaala – 12

Lakkoofsa	mana kudhanii	mana tokkee
75	7	5
69		
44		
86		

Gocha – 14 Mana tokkee fi mana kurnanii lakkoofsotaa abaakasiin yookiin diddiirsuun addaan baafachuun akka danda'amu hubachuu.

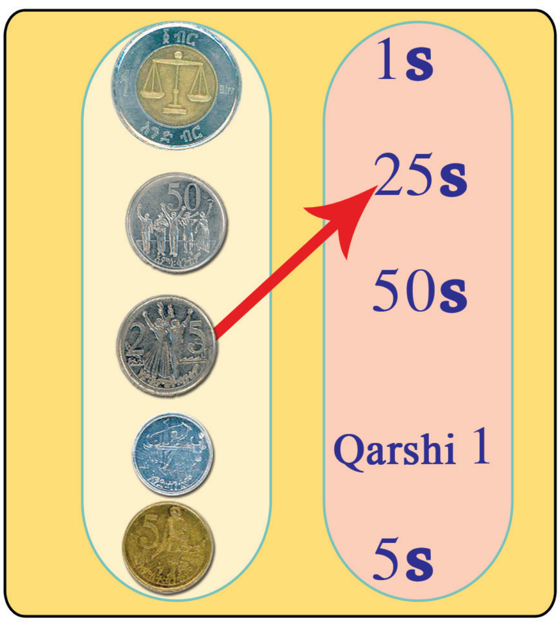
Gilgaala– 12 Gabatee kenname irratti mana tokkee fi mana kurnanii lakkoofsotaa guutuu.

Boqonnaa 10

MAALLAQA ITOOPHIYAA

10.1 Dinaarotaa fi Noottiiwwan

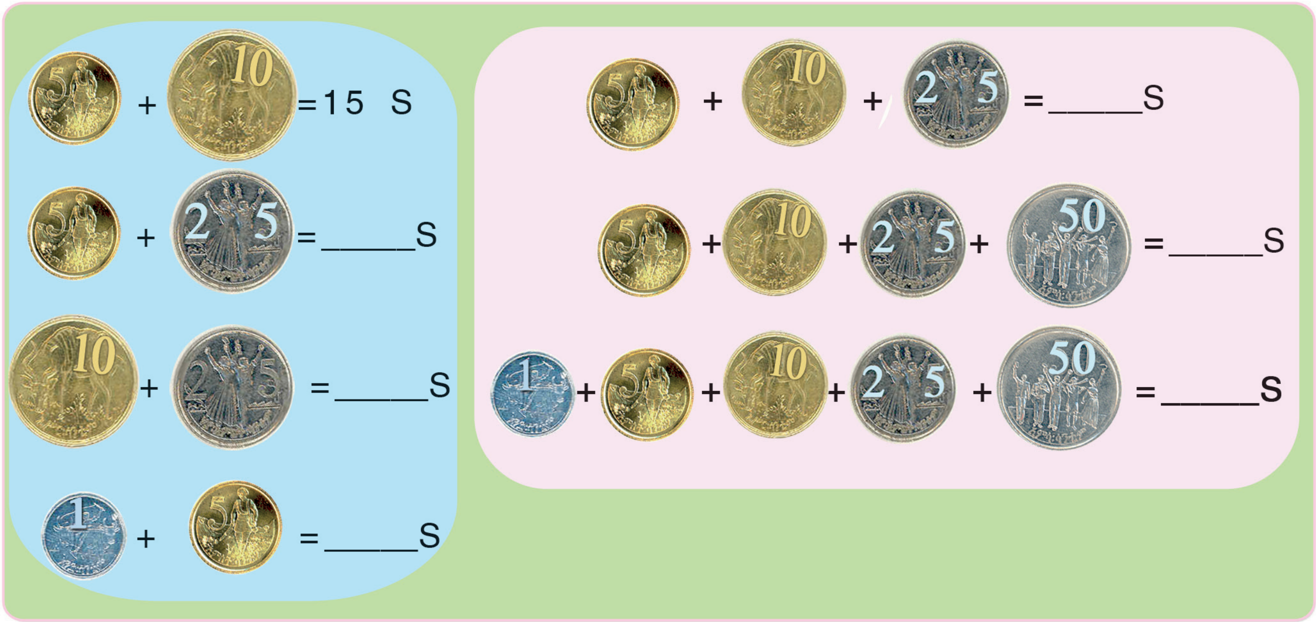
Gocha – 1



Gocha – 1 Haala fakkeenya kennameetiin walitti firoomsuu.

10.2 Hariiroo saantimaa fi Qarshii

Gilgaala – 1



Gilgaala – 2

Gilgaala – 1 Saantimoota ida'uu.

Gilgaala – 2 Walitti firoomsuu.

Gocha – 2

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

Gilgaala – 3

Daraartuu

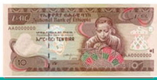
Caaltuu

Tolaa

Beekaa

Gilgaala – 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

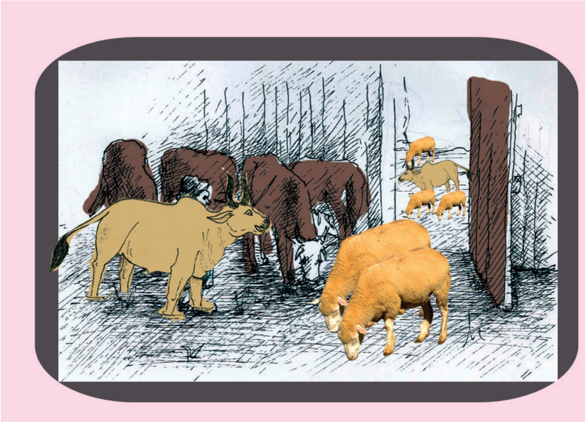
Gilgaala – 4 Gatiin dabtara 1 fi qubeessaa 1 meeqa?
Gatiin dabtara 3 fi qalama 2 meeqa ta'a?

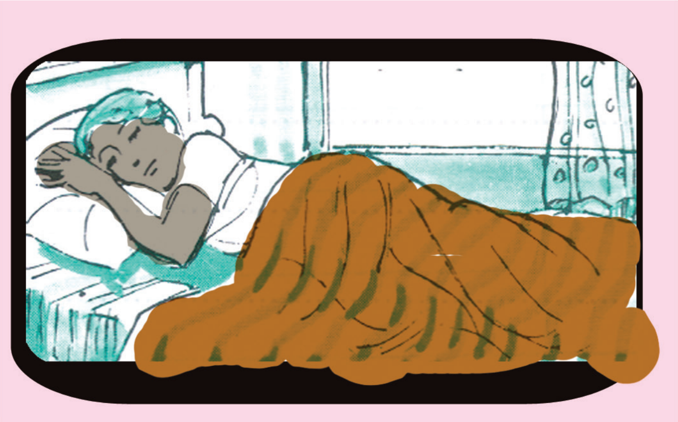
Boqonnaa 11

YEROO

11.1 Qoqqoodama Guyyaa

Gocha – 1





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

Gilgaala – 1

Gilgaala –2

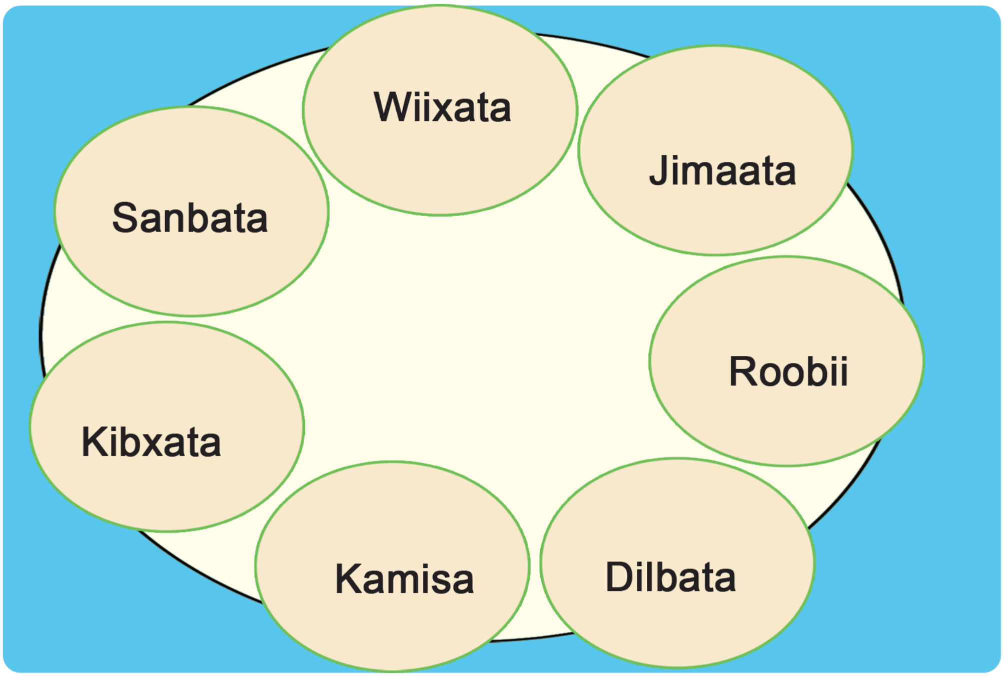
Sa'aatii 8 | Sa'aatii 4 | Sa'aatii 9 | Sa'aatii 2

Gilgaala – 1 Sa'aatii ilaaluun yeroo isaa himuu.

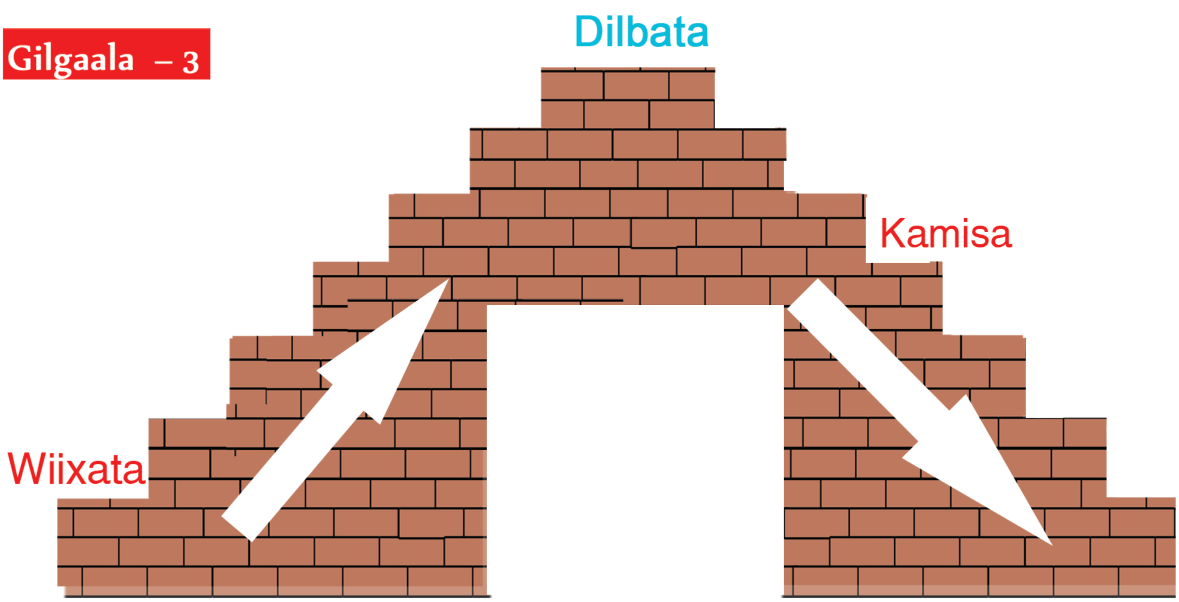
Gilgaala – 2 Fakkii sa'aatii kaasuun yeroo irratti agarsiisuu.

11.2 Guyyoota torbanii

Gocha – 2



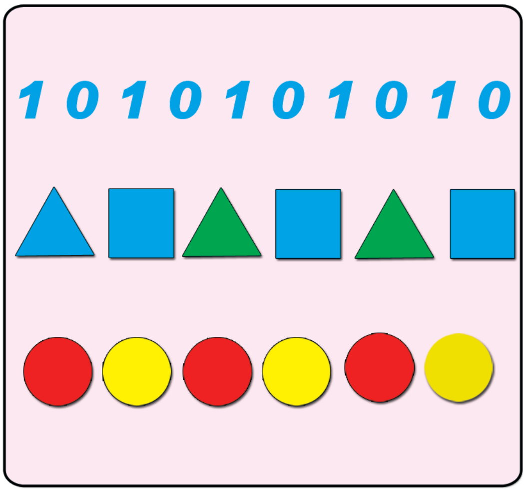
Gilgaala – 3



Gocha – 2	Guyyaan barumsi itti jalqabamu kami? Guyyoonni boqonnaa isaan kami?
Gilgaala – 3	Sadarkaa mul'atu kana qubee jalqabaa maqaa guyyoota torbaniin moggaasuu.

Boqonnaa 12

Qabannaa Daataa fi paatarnii

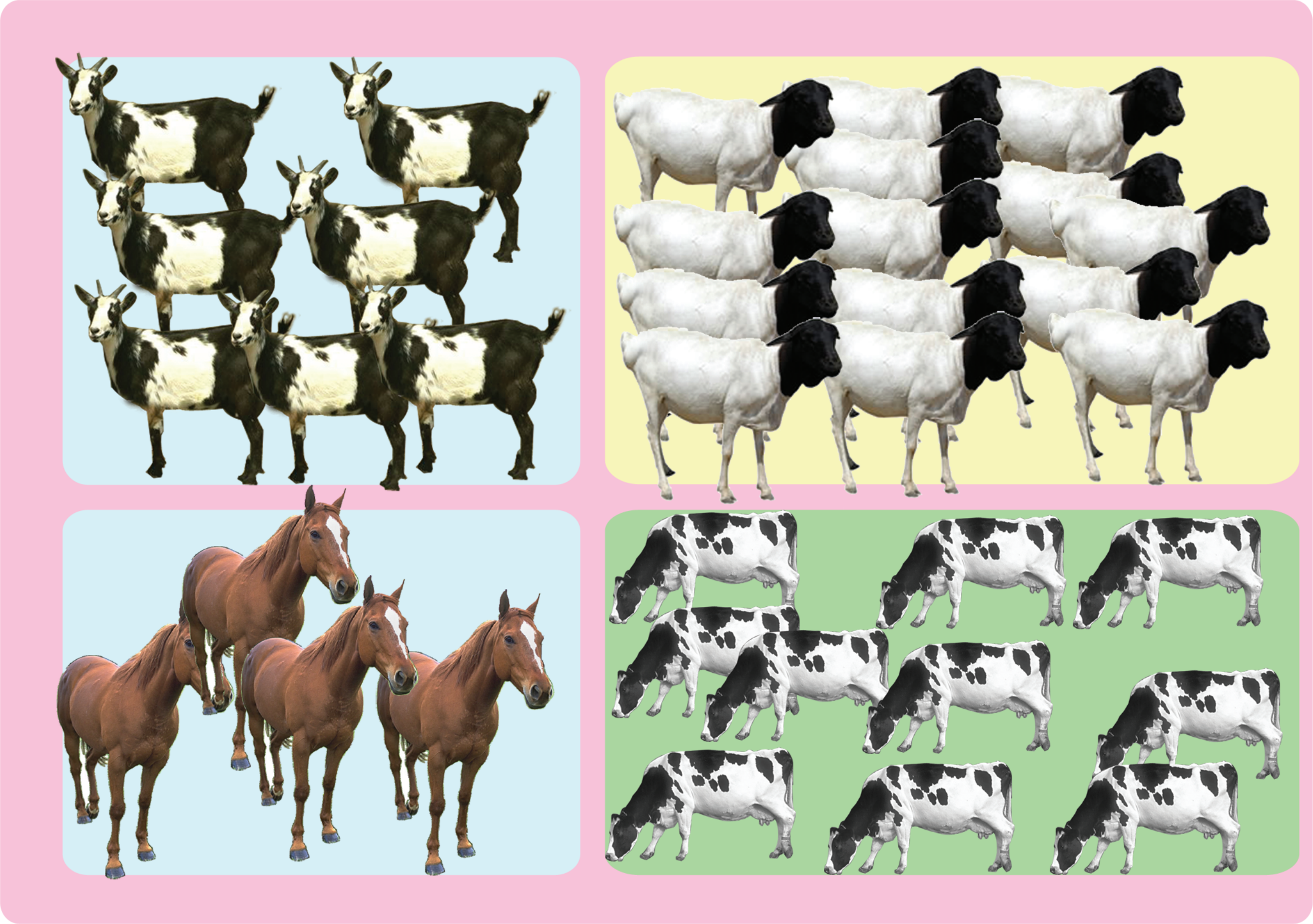


12.1 Giraafota fakkii Sasalphoo

Gocha – 1

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

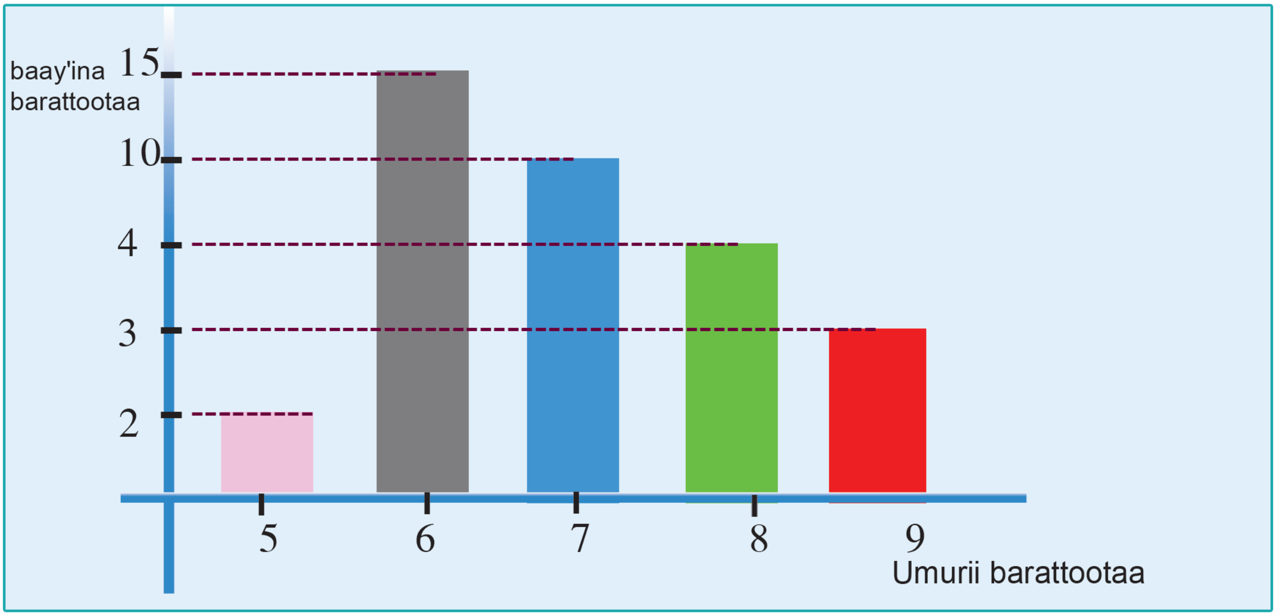
Gocha –2



	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
Taaliin					
Lakkoofsaan					

Gocha –3 Baay'ina barattootaa taalii fi lakkoofsaan agarsiisuu.

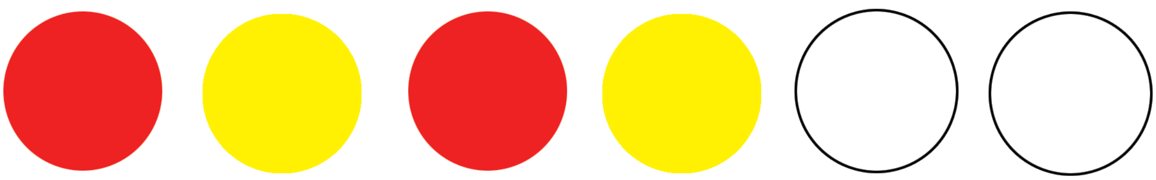
12.2 Paatarnii

Gocha – 4 (Hojii garee)

1, 0, 1, 0, 1, 0, 1, 0 ___ ___ ___ ___ ___

2, 4, 6, ___ ___ ___ ___ ___

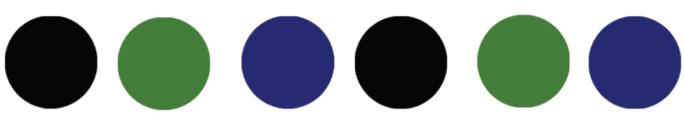
______ ______ ______



1, 3, 5, ______ ______ ______

3, 6, 9, ______ ______ ______

______ ______ ______

 ______ ______ ______

Gocha – 4 Fakkiiwwanii fi lakkoofsota kennaman itti fufuu.