IMIBARE

Umwaka wa

1

Amashuri abanza

Igitabo cy’umunyeshuri

Uburenganzira bw'umuhanzi

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Iki gitabo ni umutungo w'Ikigo Gishinzwe Guteza Imbere Uburezi mu Rwanda.

Uburenganzira bw'umuhanzi ku bikubiye muri iki gitabo bufitwe n'Ikigo Gishinzwe Guteza Imbere Uburezi mu Rwanda (REB).

ISHAKIRO

UMUTWE WA MBERE: IMIBARE KUVA KURI 1 KUGERA KURI 5 1

UMUTWE WA KABIRI: IMIBARE KUVA KURI 1 KUGERA KU 9 21

UMUTWE WA GATATU: IMIBARE KUVA KURI 0 KUGERA KU 10 35

UMUTWE WA KANE: IMIBARE KUVA KURI 0 KUGERA KU 20 45

UMUTWE WA GATANU: GUKUBA NO KUGABANYA NA 2 65

UMUTWE WA GATANDATU: IMIBARE KUVA KURI 0 KUGERA KURI 50 71

UMUTWE WA KARINDWI: IMIBARE KUVA KURI 0 KUGERA KURI 100 87

UMUTWE WA MUNANI: IMIGABANE $\frac{1}{2}$ NA $\frac{1}{4}$ 97

UMUTWE WA CYENDA: URUKURIKIRANE RW'IBARA 103

UMUTWE WA CUMI GUPIMA: UBUREBURE BUTARENZE M10 107

UMUTWE WA CUMI NA RIMWE: IBICE BY'INGENZI BIGIZE UMUNSI 115

UMUTWE WACUMI NA KABIRI: AMAFARANGA Y'U RWANDA KUVA KU F1 KUGERA KU F100 123

UMUTWE WA CUMI NA GATATU: KURANGA AHO IBINTU BIHEREREYE N'IMIRONGO 131

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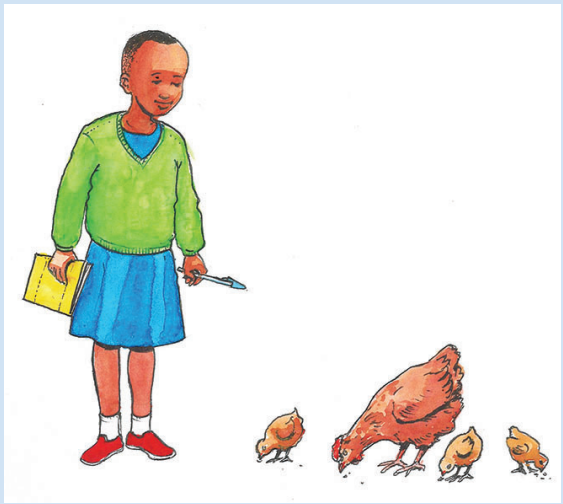
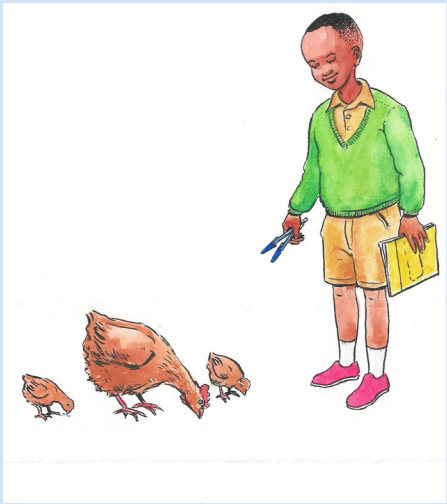
IBITABO BYIFASHISHIJWE 144

IMIBARE KUVA KURI 1 KUGERA KURI 5





Umubare 1

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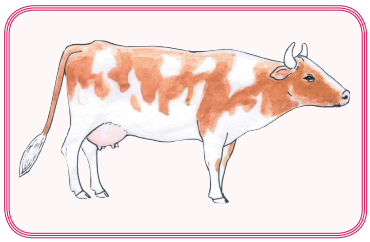

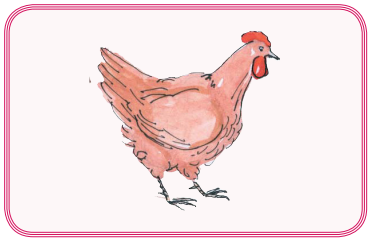

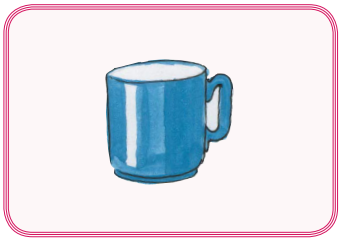

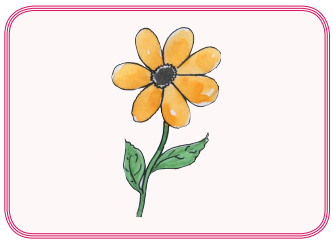

Bara, uvuge umubare

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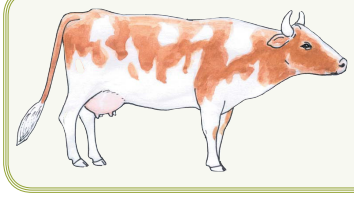
Igana uyu mubare



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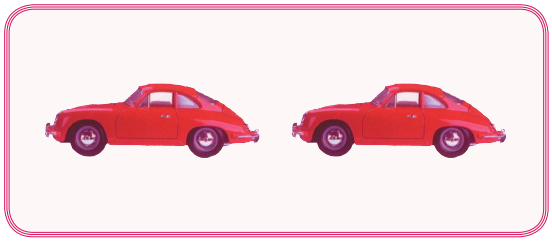

Bara, uvuge umubare

Igana uyu mubare

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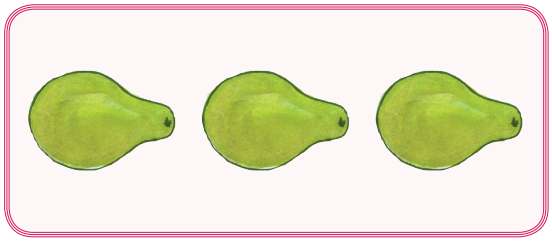

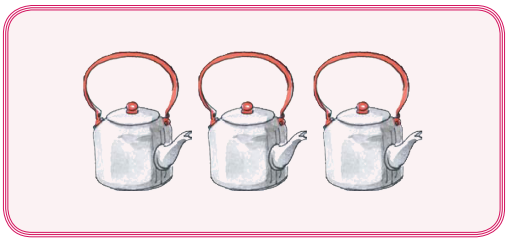

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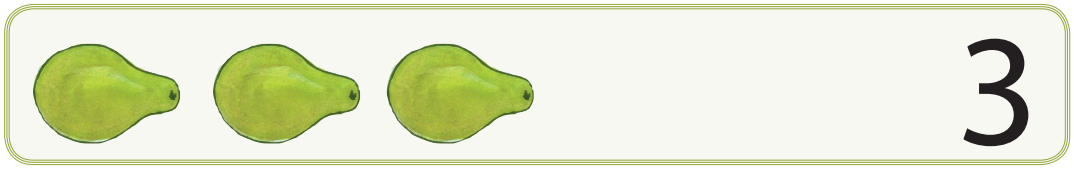

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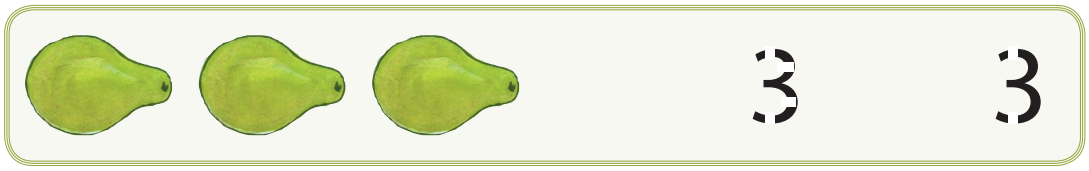

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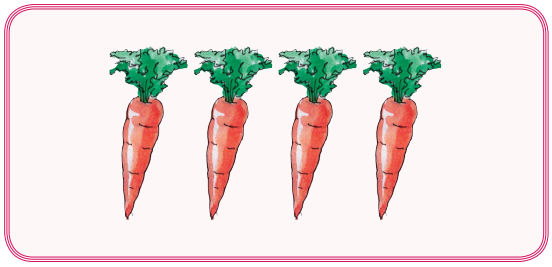

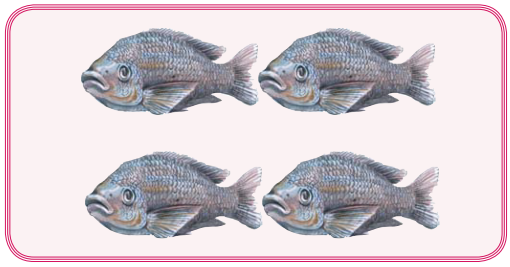

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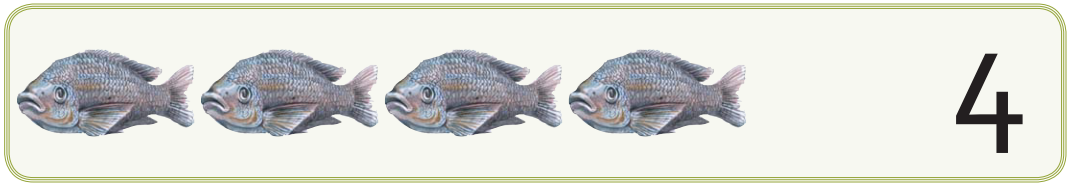

Igana uyu mubare

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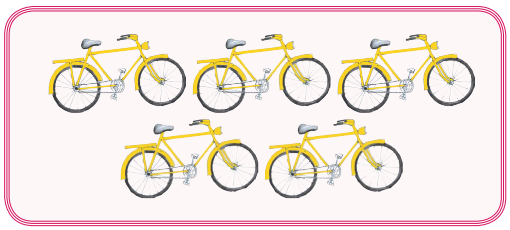

Bara, uvuge umubare

Igana uyu mubare

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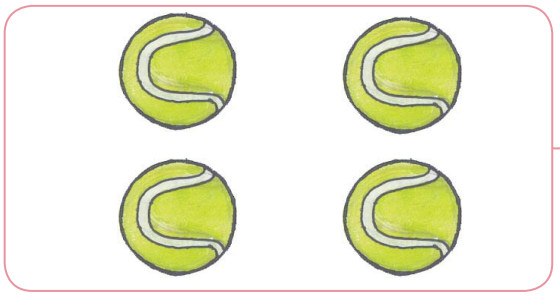
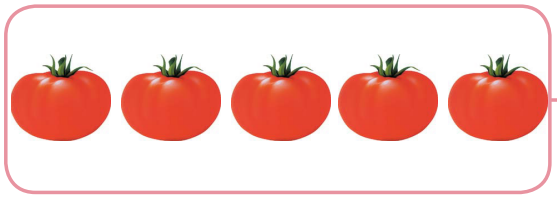
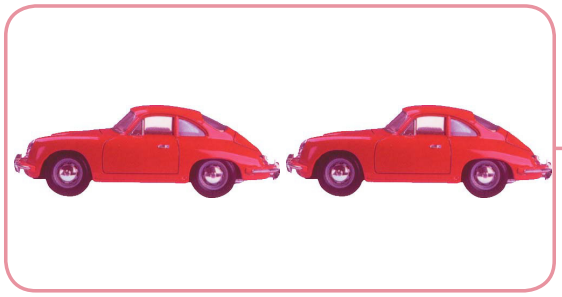
5 5 ___ ___ ___ ___ ___ ___ ___

Bara,wuzuze umubare mu kazu







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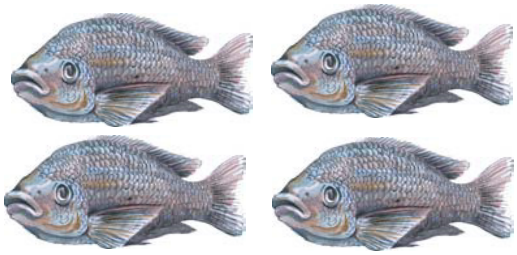
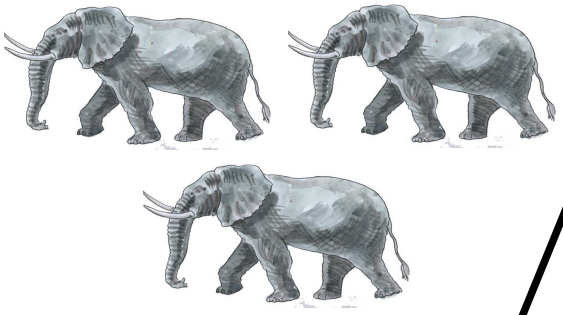
	5
	3
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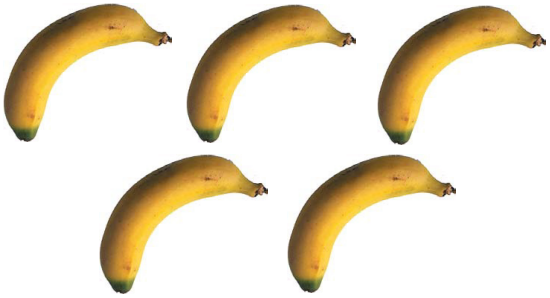	1

Igana iyi mibare

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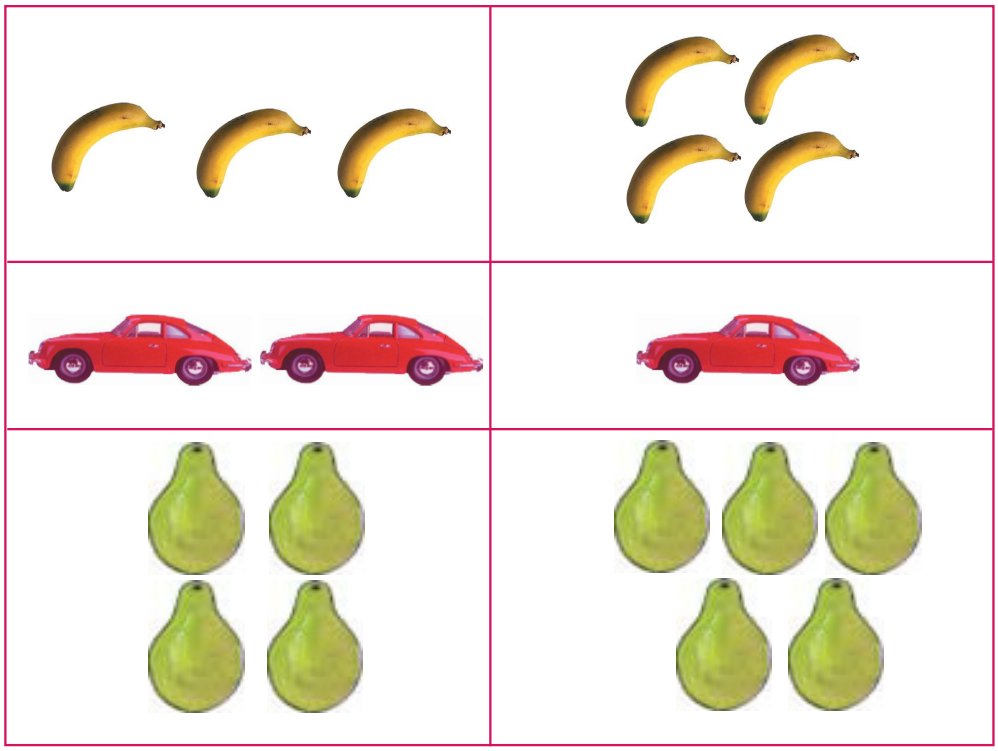
2 2 2___ ___ ___ ___ ___ ___ ___

3 3 3___ ___ ___ ___ ___ ___ ___

4 4 4___ ___ ___ ___ ___ ___ ___

5 5 5___ ___ ___ ___ ___ ___ ___

Bara,uvuge ibike



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Urugero

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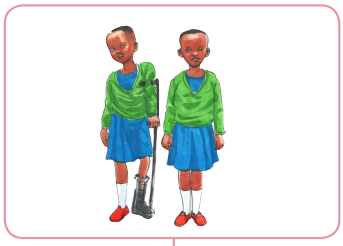

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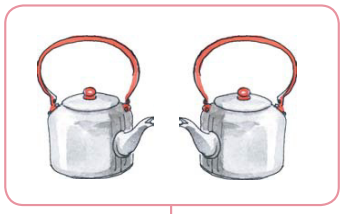

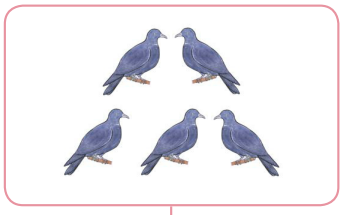

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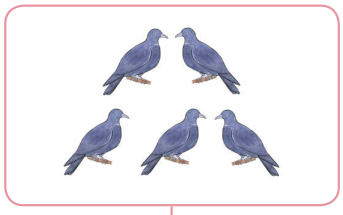

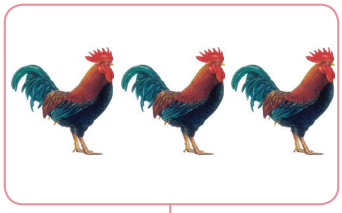

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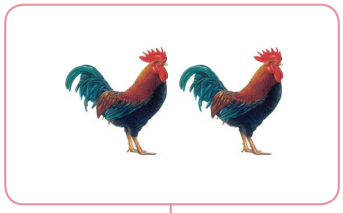

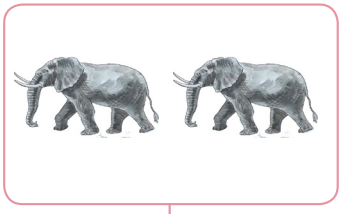

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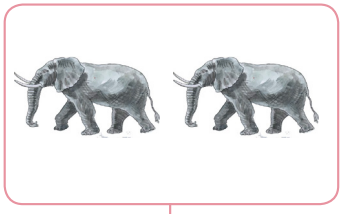

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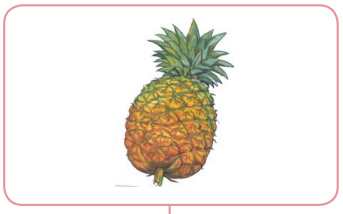

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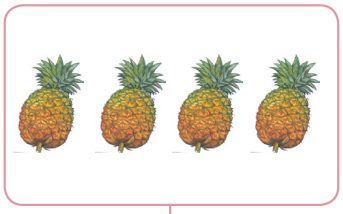

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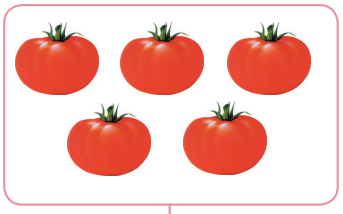

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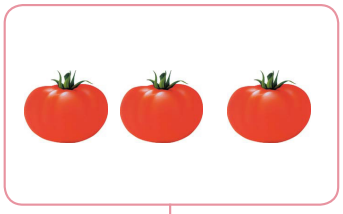

3

Uzuza na: <, >, =

3		2
1		4
2		2
5		3

3		4
5		5
1		2
5		4

Bara uvuge umubare uri mukazu

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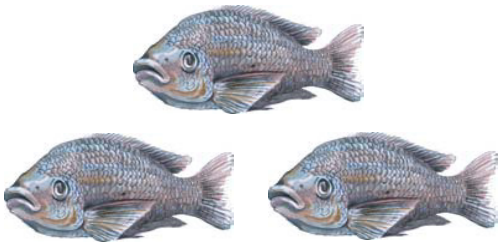
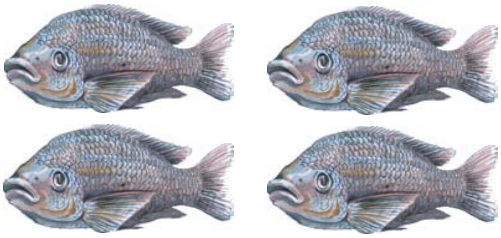
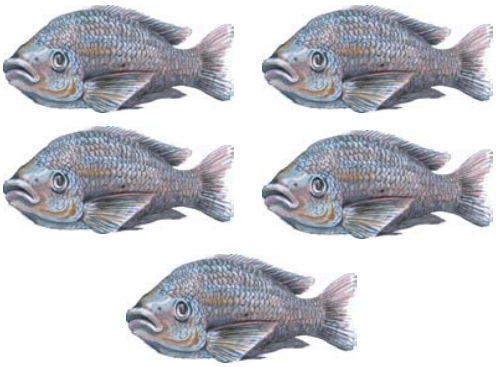
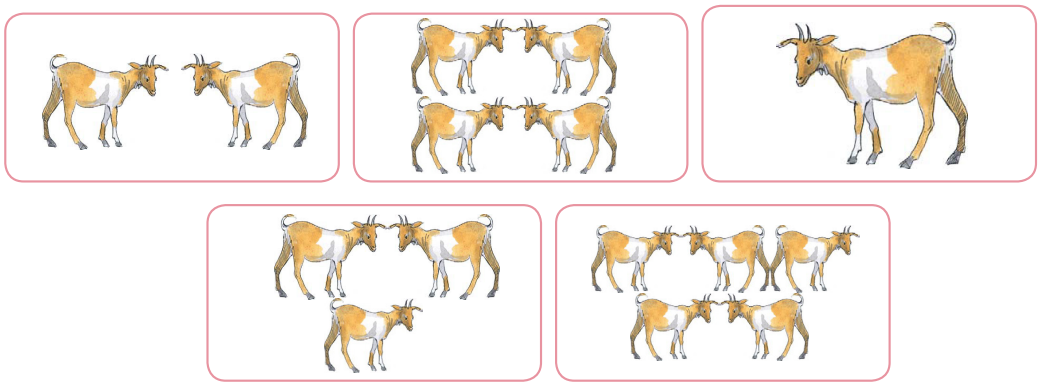
	2
	3
	4
	5

Bara uvuge umubare muto, n'umubare munini



Uzuza umubare ubura

1	..	3	..	5

Hera ku mubare muto uheruke umunini

2	5	3	4	1
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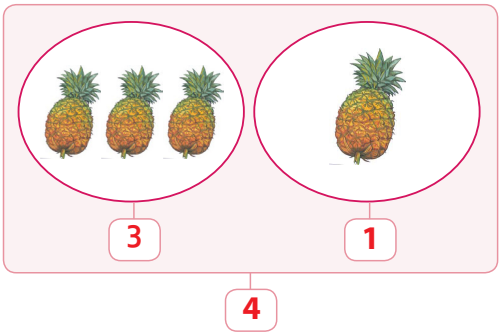
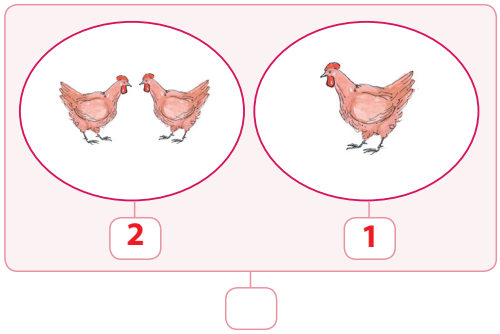
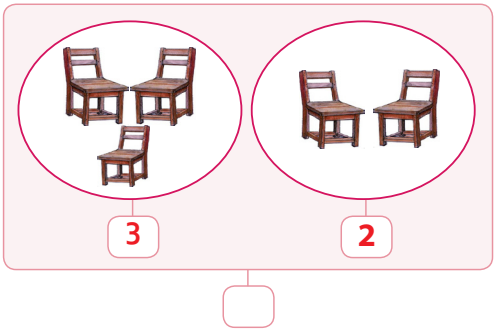
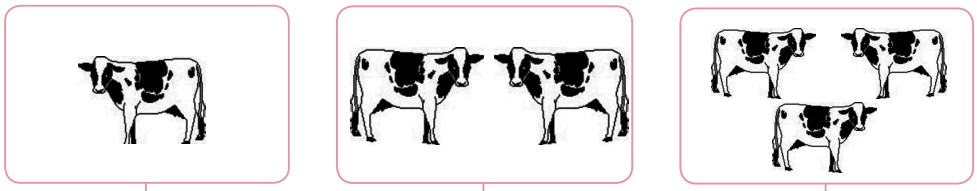
Bara, wuzuye umubare mu kazu ukurikije urugero







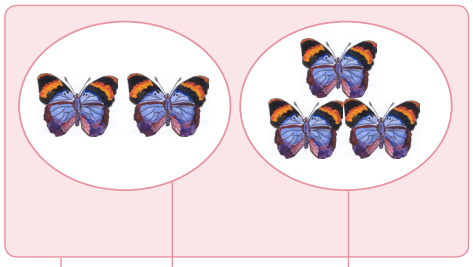
Bara, ukore imibare ukurikije urugero



1 + 2 = ☐

2 + 2 = ☐

Bara, wuzuze umubare ubura mu kazu



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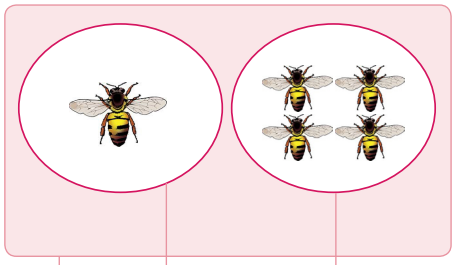

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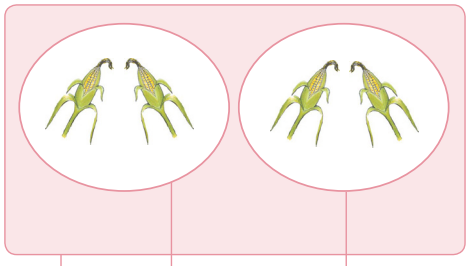

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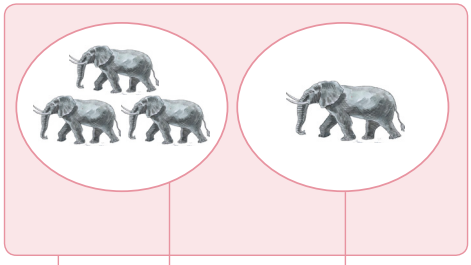
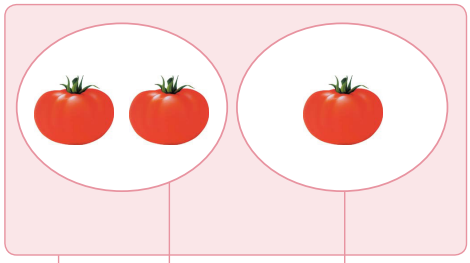
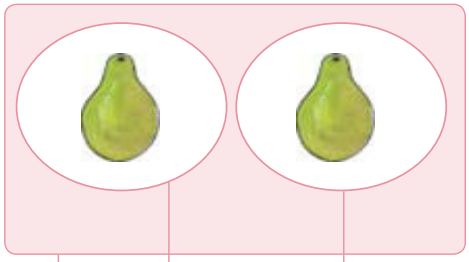


4 = 3 + ☐



3 = 2 + ☐



2 = 1 + ☐

Kora imibare ukurikije urugero wahawe

1 + 2 = 3
/ // ///

1 + 3 =

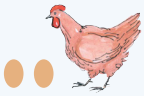
2 + 3 =

2 + 2 =

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

Kora amahurizo

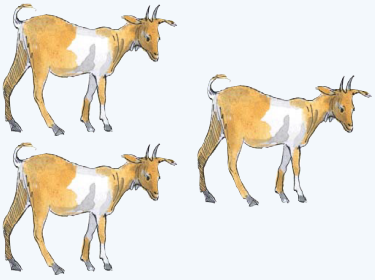
Iyi yateye amagi 3

Iyi yateye amagi 2 

Amagi zateye zose ni ☐

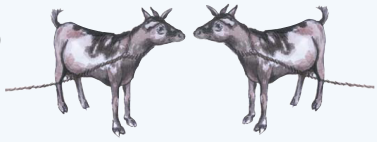
Umucuruzi yahaye Gasore imineke 2, bukeye amuha umuneke 1.

Umubare w'imineke amaze guha Gasore ni ( )

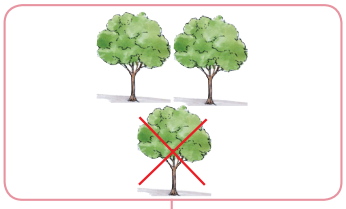


Munezero yari yoroye ihene 3, bukeye Papa we amugurira ihene 2.

Umubare w'ihene Munezero yahise agira ni ( )



Bara ukuremo wuzuze mu kazu umubare w'ibisigaye



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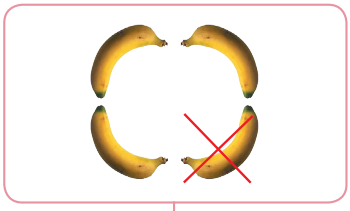
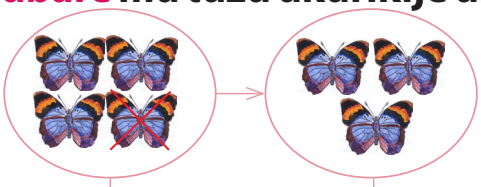


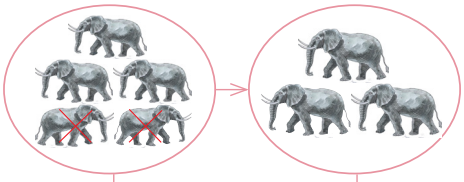
3

Bara wuzuze umubare mu tuzu ukurikije urugero wahawe



4 - 1 = 3

3 - 1 = 2



5 - 2 = 3

Kora imibare ukurikije urugero wahawe

5 - 4 = 1 5 - 1 = ☐ 5 - 3 = ☐	4 - 1 = ☐ 3 - 2 = ☐
4 - ☐ = 3	4 - ☐ = 2

Kora amahurizo

Mahoro yari afite amakaramu 3 aha Gisa ikaramu 1

Mahoro ubu afite amakaramu ☐

Giraneza yari afite avoka 4, aha murumuna we avoka 2.

Umubare w'avoka Giraneza afite ni ☐

Kora iyi mibare

2	+	3	= ☐	5	-	2	= ☐
4	+	1	= ☐	3	-	1	= ☐
5	=	4	+ ☐	3	=	1	+ ☐
4	-	2	= ☐				

Uzuza na >, <, =

3-2 ☐ 3+1	2 ☐ 1
5 ☐ 3	4 ☐ 1
2 ☐ 4	3 ☐ 4
3 ☐ 3	1 ☐ 3

Uzuza imibare ibura mu tuzu

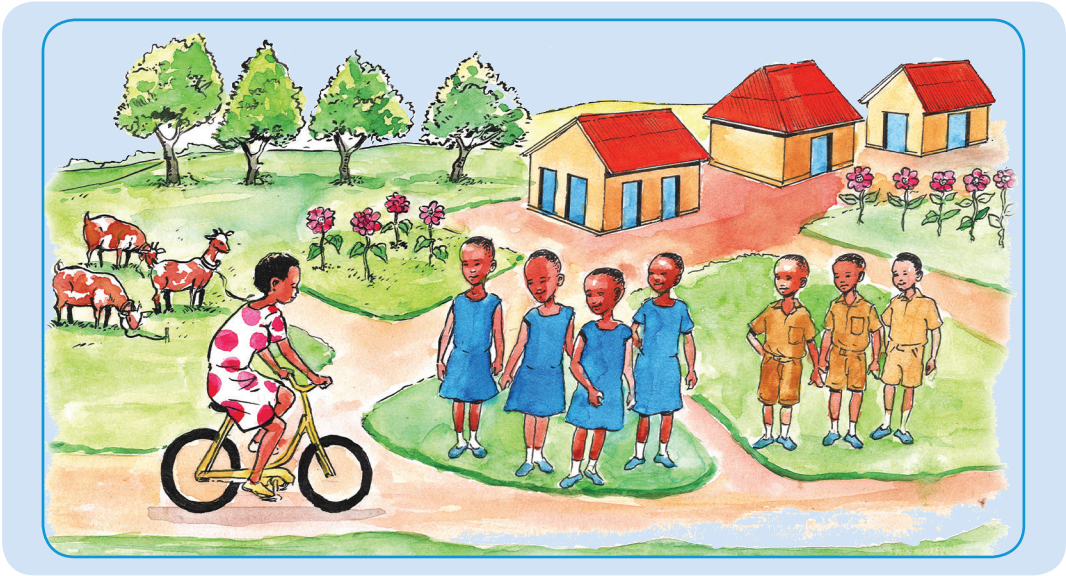
1	.	.	4	.

Kora amahurizo

Gakuru yari afite imineke 3, mama we amuha imineke 2 noneho Gakuru ahaho Gato imineke 3,
vuga umubare w'imineke Gakuru afite.

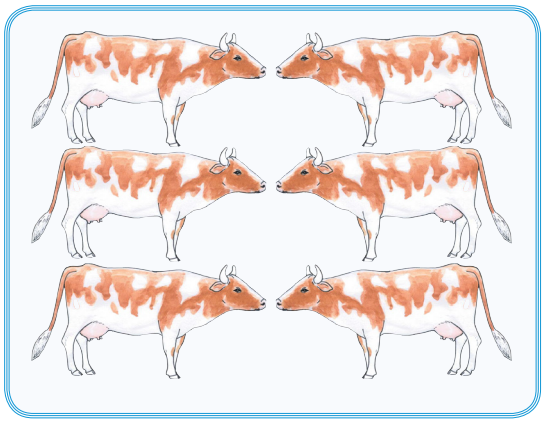
Mukamana yari afite amasaro 4, amasaro 2 aratakara. Mama we amuha isaro 1.
vuga umubare w'amasaro Mukamana afite.

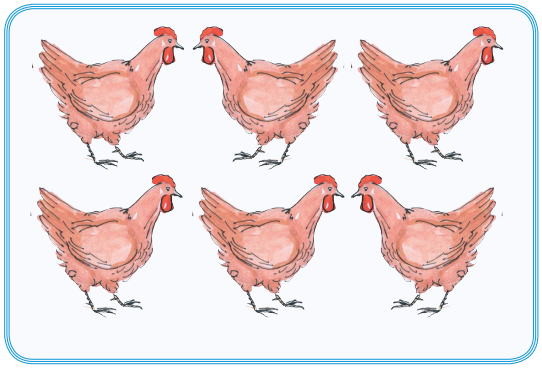
IMIBARE KUVA KURI 1 KUGERA KU 9

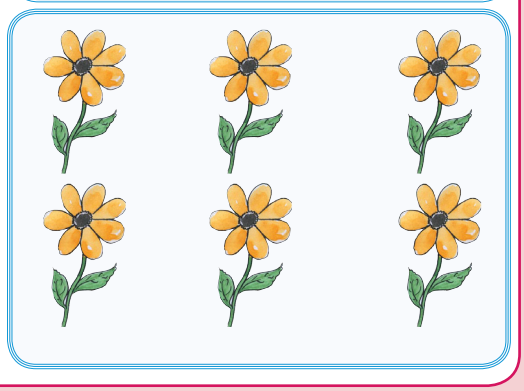


Umubare 6

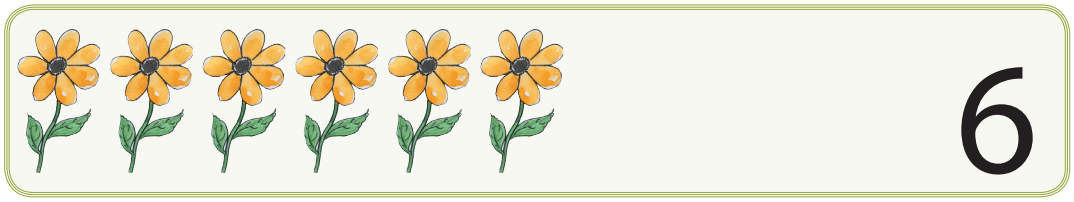
Itegereze, ubare, uvuge umubare.







Bara, uvuge umubare



6

6

Igana uyu mubare

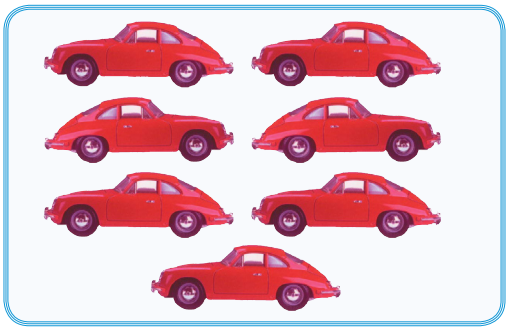
6 6

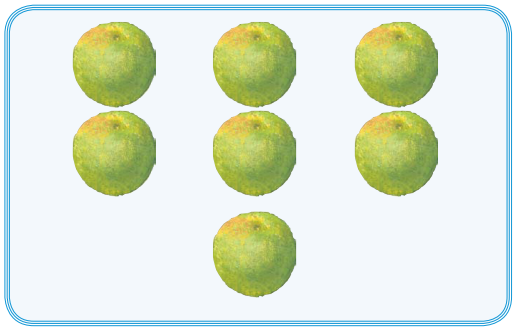
6 _ _ _ _ _ _ _ _

6 6 _ _ _ _ _ _ _

Umubare 7

Itegereze, ubare, uvuge umubare.





Bara, uvuge umubare

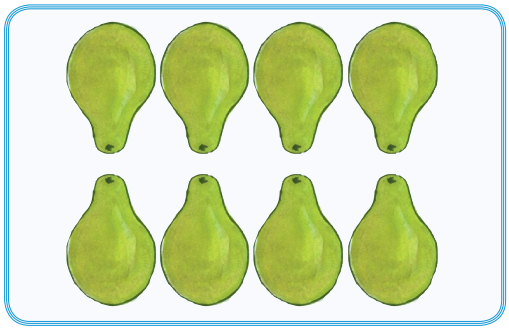
Igana uyu mubare

7 _ _ _ _ _ _ _ _

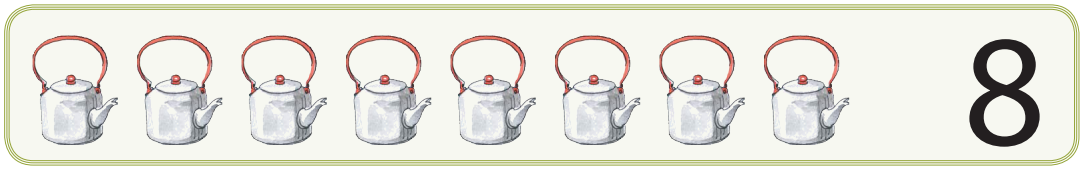
7 7 _ _ _ _ _ _ _

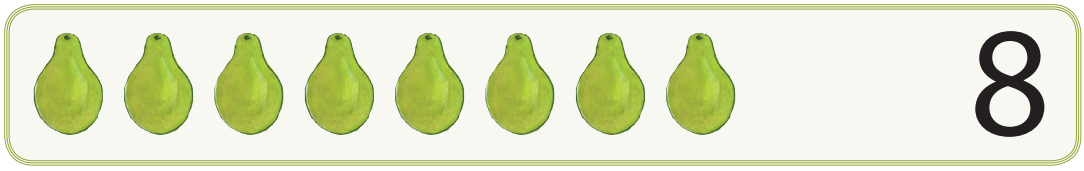
Umubare 8

Itegereze, ubare, uvuge umubare.

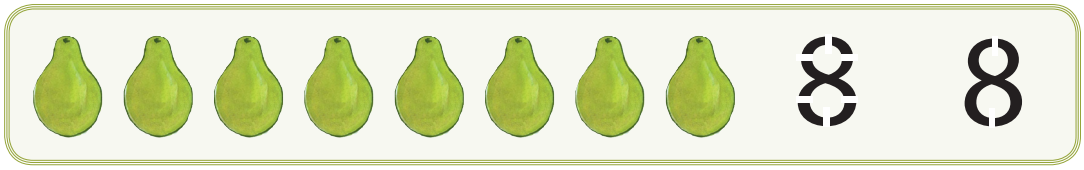


Bara, uvuge umubare





Igana uyu mubare

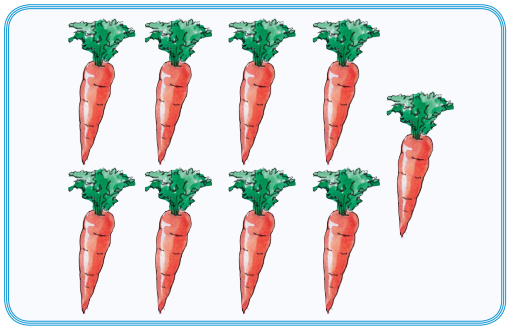


8 ___ ___ ___ ___ ___ ___ ___ ___

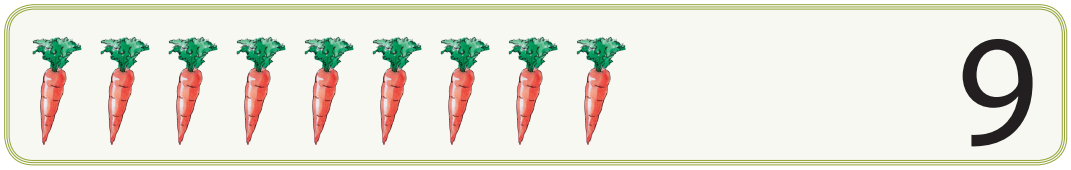
8 8 ___ ___ ___ ___ ___ ___ ___

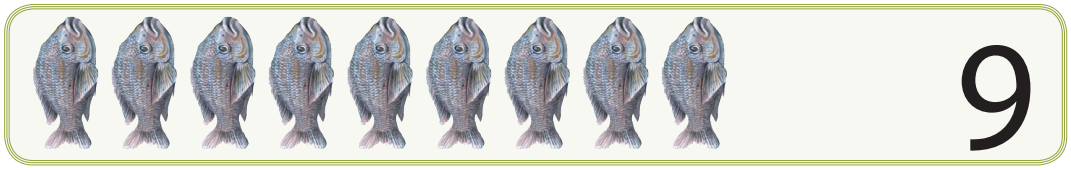
Umubare 9

Itegereze, ubare, uvuge umubare.



Bara, uvuge umubare



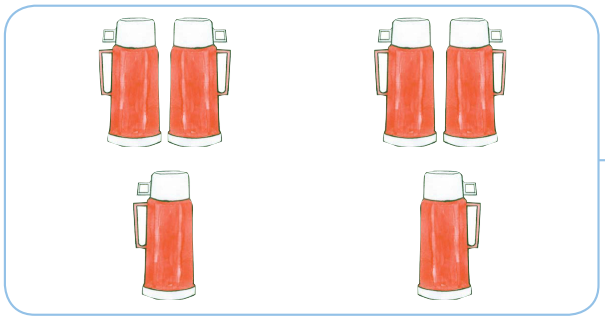


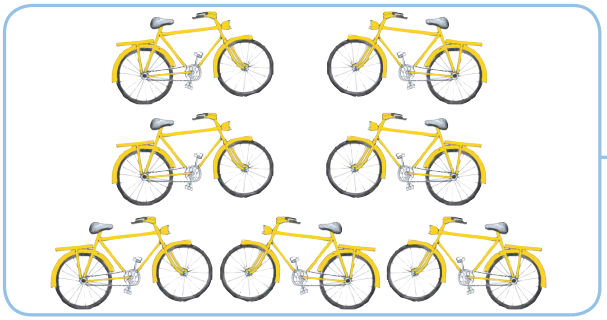
Igana uyu mubare

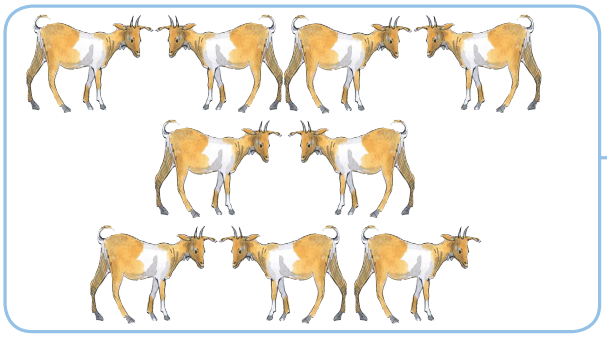
9 _ _ _ _ _ _ _ _

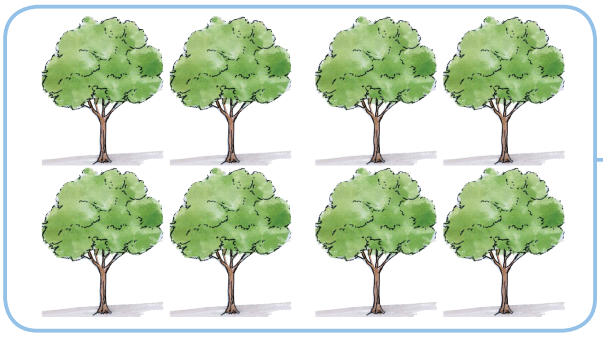
9 9 _ _ _ _ _ _ _

Bara,wuzuze umubare ahabugenewe

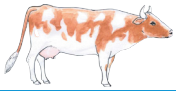
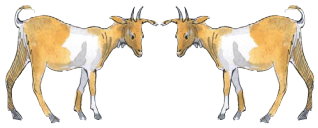








Bara, uhuze umubare n'ifoto

	8
	3
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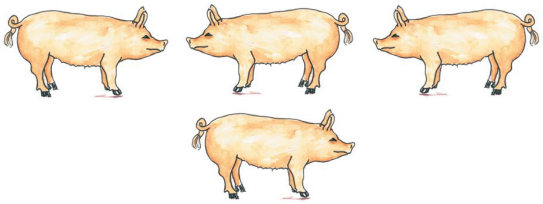
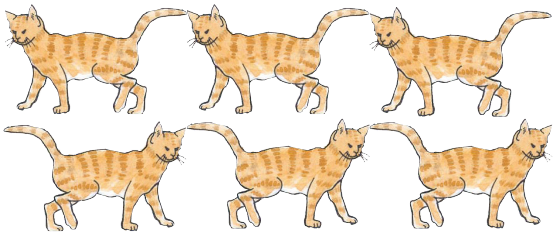
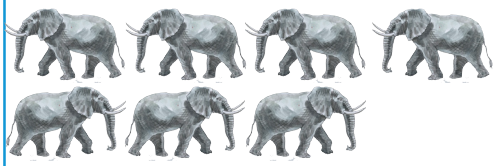
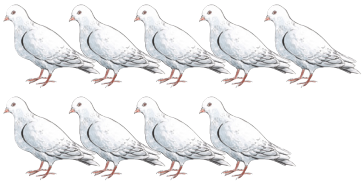
	6
	4
	5
	1
	2

Igana iyi mibare

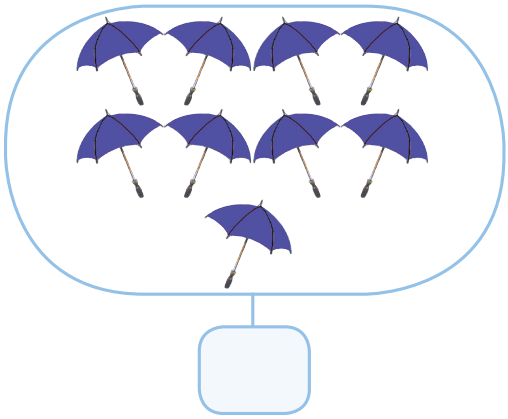
6 6 6 ___ ___ ___ ___ ___ ___ ___

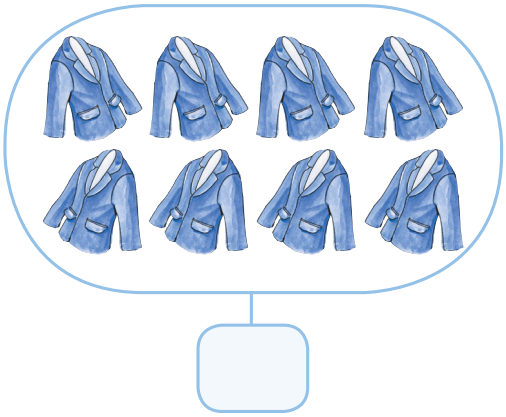
7 7 7 ___ ___ ___ ___ ___ ___ ___

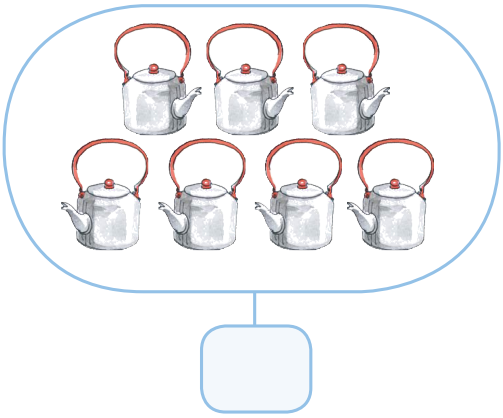
8 8 8 ___ ___ ___ ___ ___ ___ ___

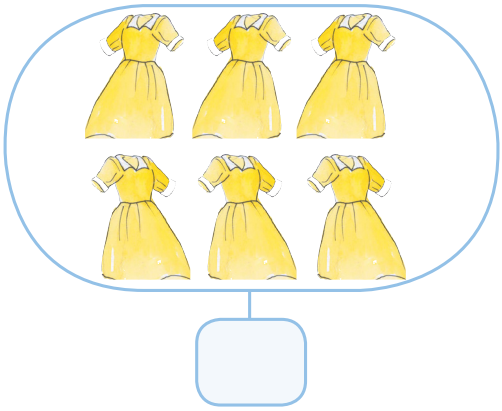
9 9 9 ___ ___ ___ ___ ___ ___ ___

Bara, wandike umubare mu kazu

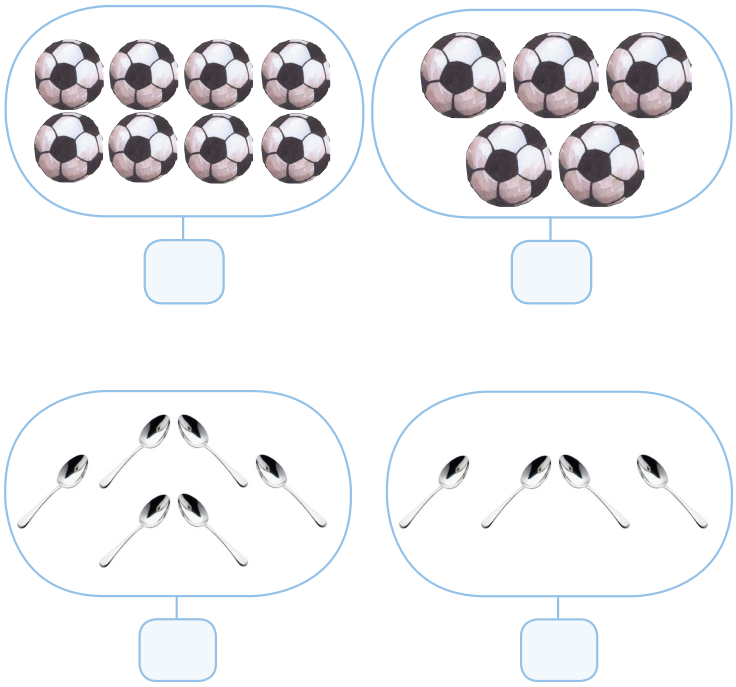




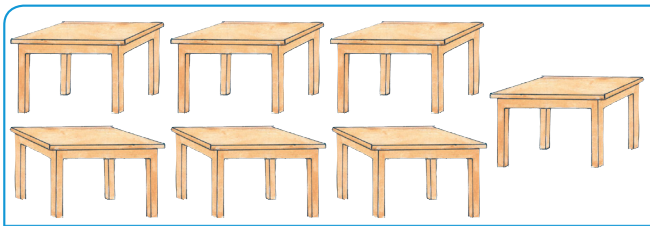




Bara, wuzuze umubare mu kazu uvuge umubare muto n'umunini



Bara, uhuze ifoto n' umubare bihura

	9
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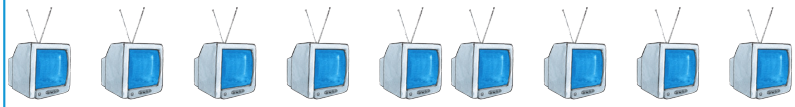
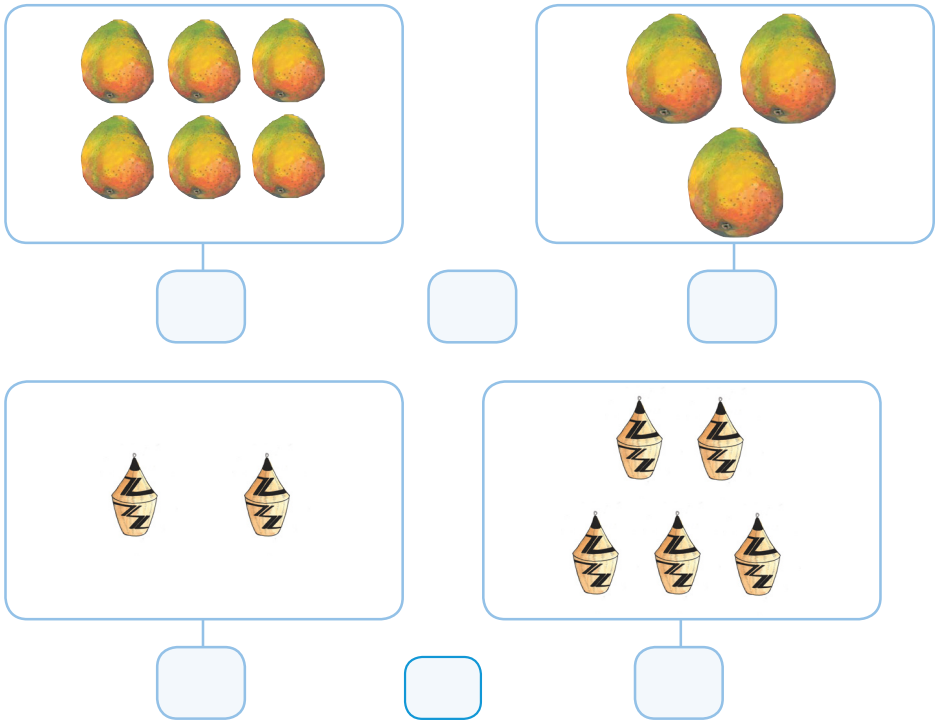
	8

Bara wuzuze na: <, >, =



Uzuza na >, <, =

5 ☐ 6	2 ☐ 8	6 ☐ 6	2 ☐ 4
7 ☐ 3	9 ☐ 8	3 ☐ 4	9 ☐ 6
4 ☐ 4	1 ☐ 7	5 ☐ 1	3 ☐ 5

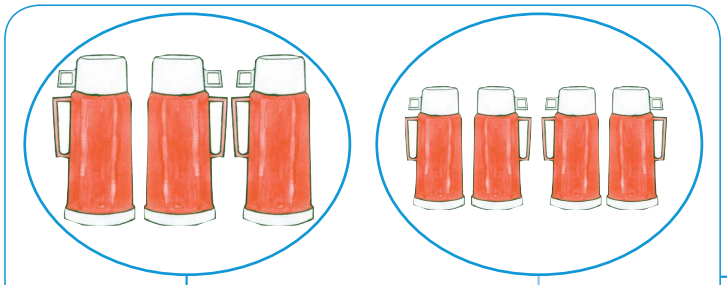
Hera ku mubare muto uheruke umunini

9 _____	7 _____	3 _____	1 _____
7 _____	4 _____	2 _____	5 _____

Hera ku mubare munini uheruke umuto

2 _____	9 _____	1 _____	6 _____	4 _____
6 _____	8 _____	3 _____	5 _____	7 _____

Bara wuzuze umubare mu tuzu



3 + 4 .

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

8 = 7 + 1 8 = 6 + 2 8 = 5 + 3 8 = 4 + 4	8 = ... + 5 8 = 2 + ... 8 = 1 + ...
7 = 6 + 1 7 = 5 + 2 7 = 4 + 3	7 = 3 + ... 7 = ... + 5 7 = 1 + ...
6 = 5 + 1 6 = 4 + 2 6 = 3 + 3	6 = ... + 3 6 = 2 +... 6 = ... + 5

Kora iyi mibare

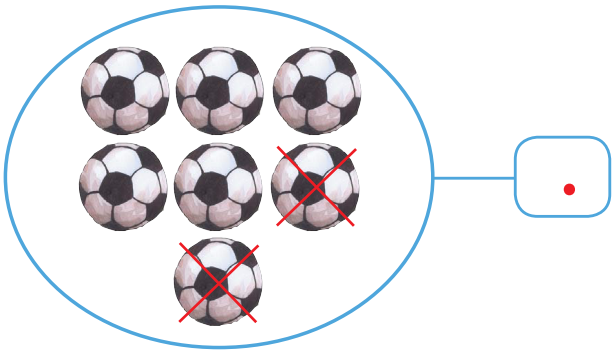
8 + 1 = ☐	2 + 7 = ☐	☐ + 6 = 7
2 + 4 = ☐	3 + 5 = ☐	☐ + 4 = 7
4 + 4 = ☐	7 + ☐ = 9	3 + 3 = ☐

Kora utu duhurizo

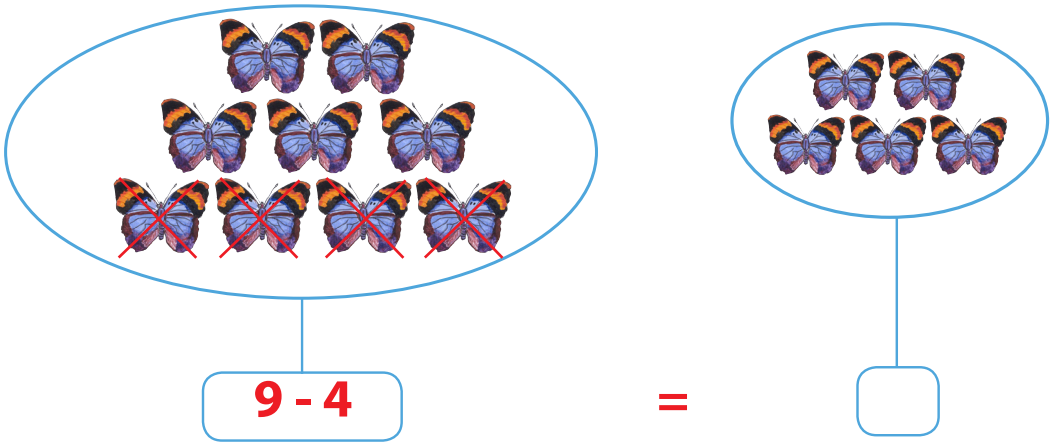
Amakaramu y'umutuku ni ☐
Amakaramu y'ubururu ni ☐
Amakaramu yose ni ☐

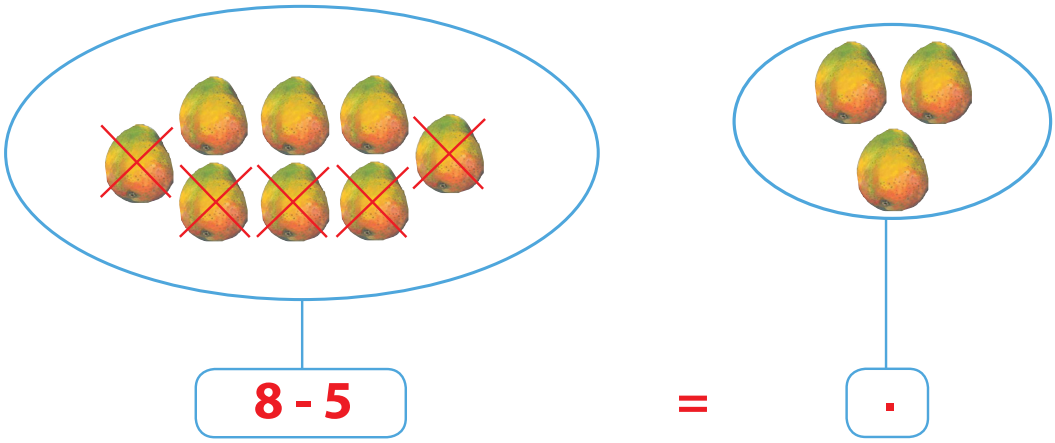
Petero Yagiye muri butike agura amakaye 5.
Kamariza nawe agura amakaye 3.
Vuga amakaye bose bafite

Bara,ukuremo, wuzuze umubare w'ibisigaye



Bara,wuzuze umubare mu tuzu





Kuramo iyi mibare

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

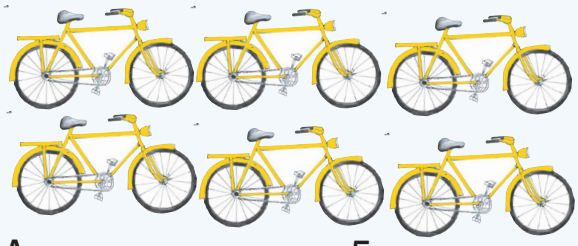
Kora utu duhurizo

Itegereze, ubare utu turabo.

Havuyemo uturabo dutukura.

Umubare w'uturabo dusigaye ni ☐

Gacuruzi yari afite amagare 6



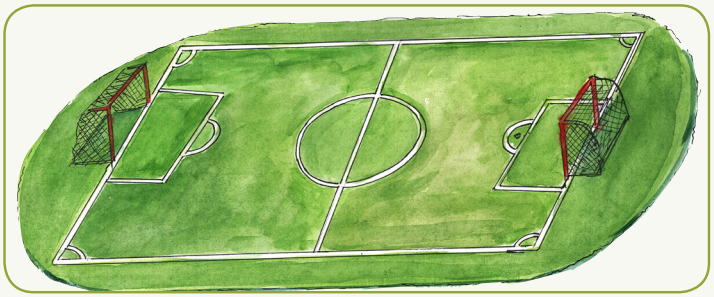
Acuruza amagare 5

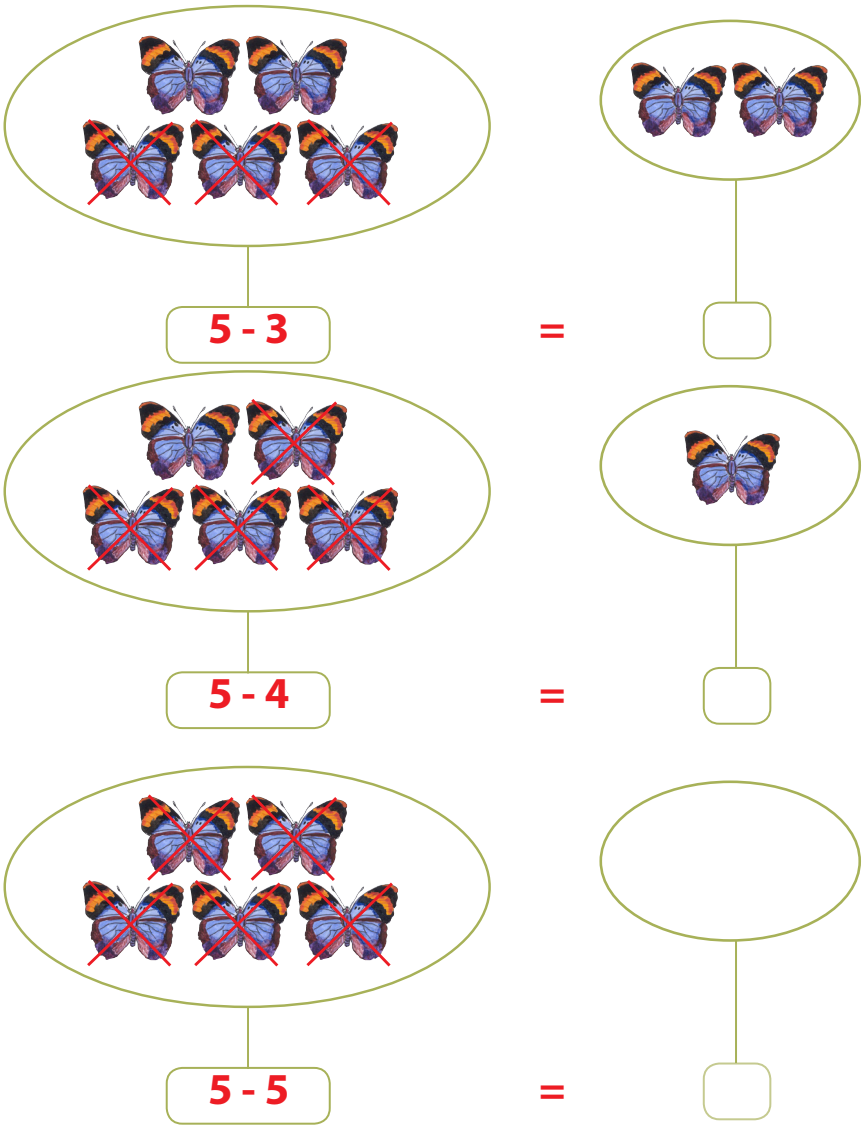
Amagare Gacuruzi asigaje gucuruza ni ☐

IMIBARE KUVA KURI 0 KUGERA KU 10

Umubare 0 n'umubare 10

Itegereze, ubare, uvuge umubare.



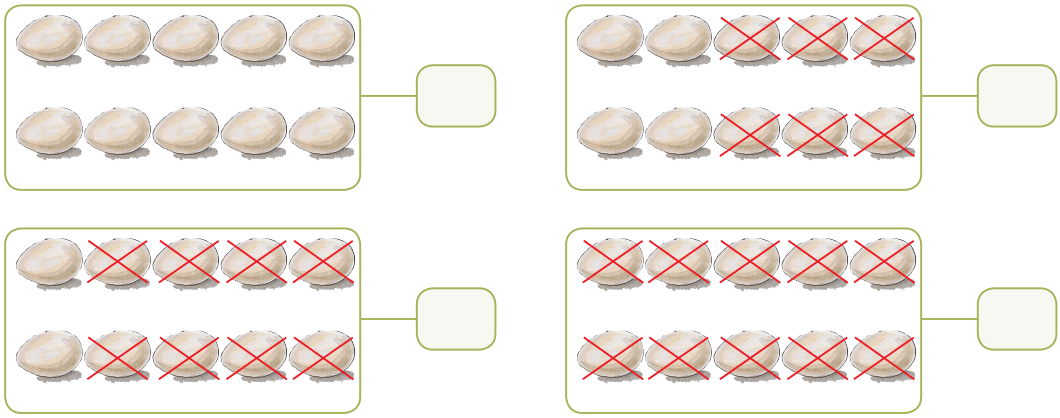


Igana uyu mubare

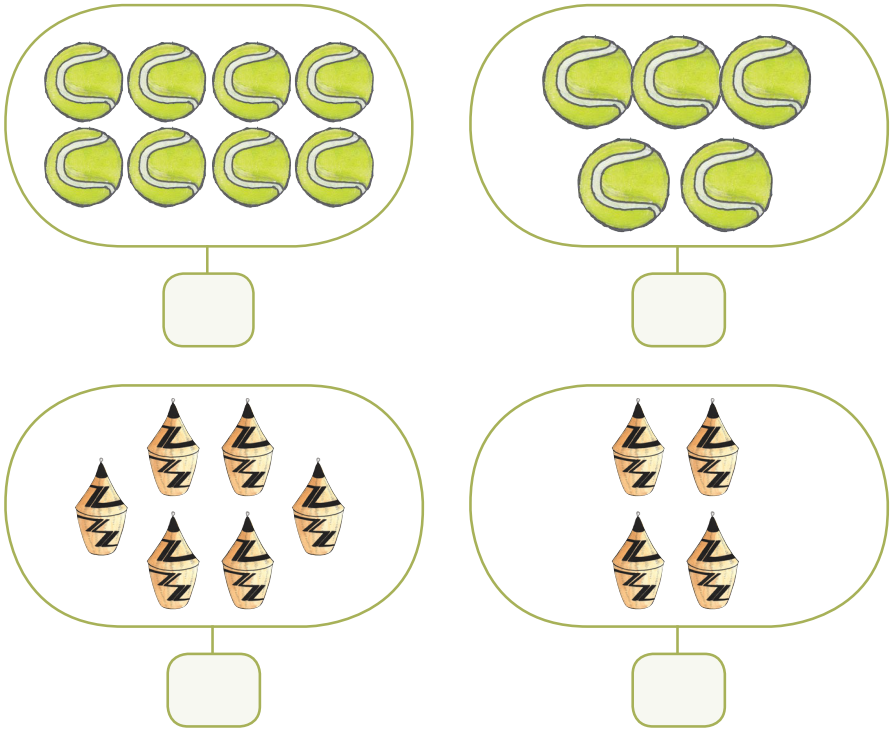
0 _ _ _ _ _ _ _ _

10 10 _ _ _ _ _ _

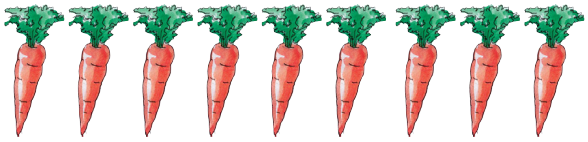
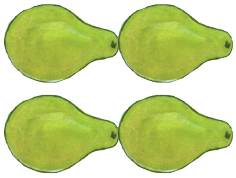
Bara, kuramo uvuge umubare w'ibisigara



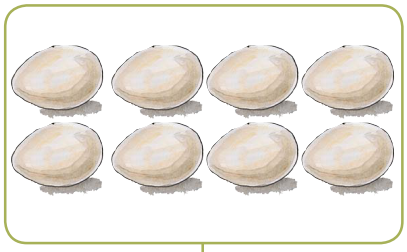
Bara, wuzuze umubare mu kazu uvuge umubare muto n'umunini



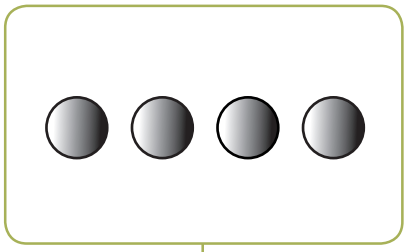
Bara wuzuze umubare mu tuzu

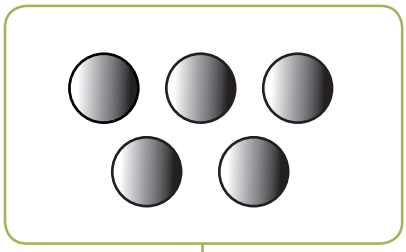
	
	

Bara wuzuze na: <, >, =



8 ☐ ☐





☐ ☐ ☐

☐ ☐ ☐

Uzuza na >, <, =

10 ☐ 7	0 ☐ 1
8 ☐ 10	3 ☐ 0
10 ☐ 10	1 ☐ 10

Hera ku mubare muto uheruke umunini

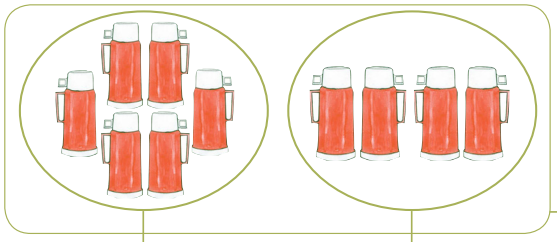
9	0	3	10
_____	_____	_____	_____
7	4	10	5
_____	_____	_____	_____

Hera ku mubare munini uheruke umuto

2	9	0	10	6	4
____	____	____	____	____	____
6	8	10	5	7	
____	____	____	____	____	

Bara wuzuze umubare mu kazu

3 + 7 = .



. + . = .

10 = 9 + 1	10 = 5 + ...
10 = 8 + 2	10 = 4 + ...
10 = 7 + 3	10 = 3 + ...
10 = 6 + 4	10 = 2 + ...
10 = 5 + 5	10 = 1 + ...

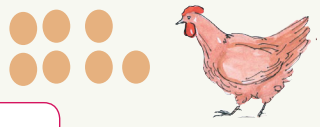
Kora iyi mibare

9 + 1 = ☐	3 + 7 = ☐	☐ + 6 = 10
2 + 0 = ☐	5 + 5 = ☐	4 + 5 = ☐
6 + 4 = ☐	7 + ☐ = 10	8 + 0 = ☐

Kora utu duhurizo

Iyi yateye amagi 3

Iyi yateye amagi 7



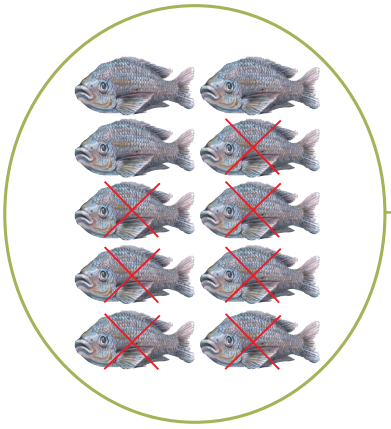
Amagi zateye zose ni

Karabo yari afite amakaramu 5 y'ubururu

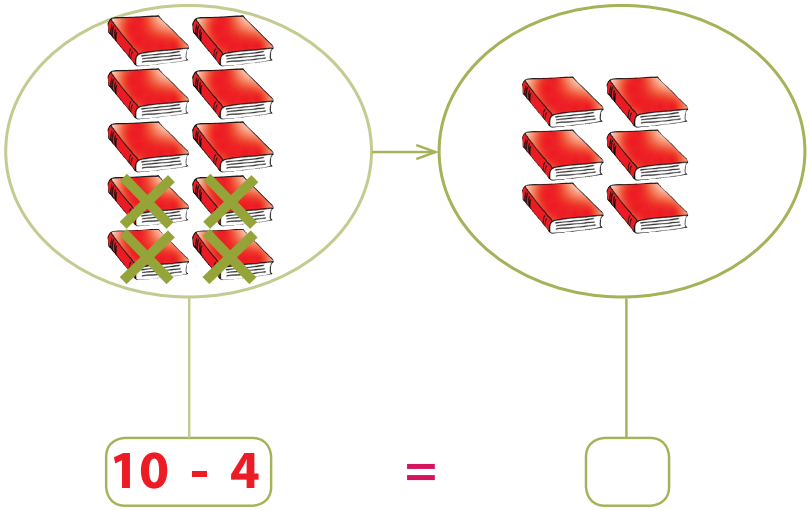
Munezero amuhaha amakaramu 5 y'umutuku.

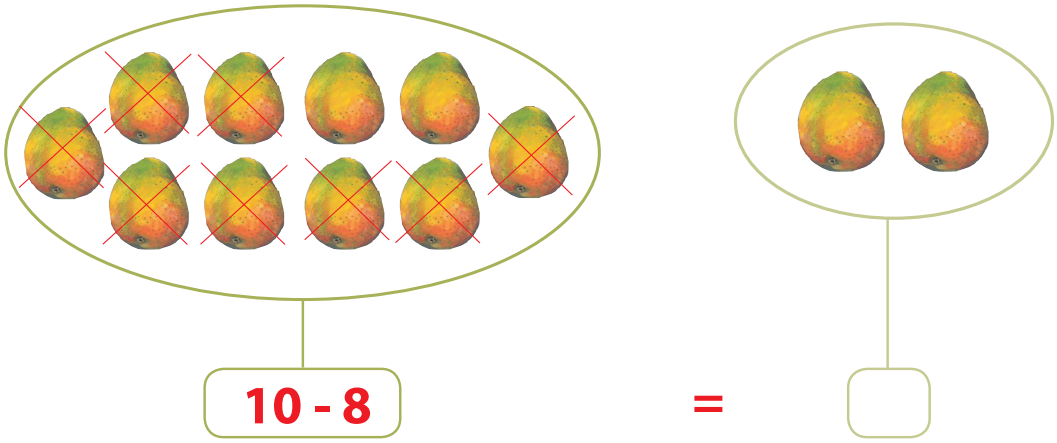
Amakaramu yose Karabo afite ni

Bara ukuremo uvuge umubare w'ibisigaye



Bara wandike umubare ahabugenewe





Kuramo iyi mibare

10 - 1 = ☐
10 - 0 = ☐
10 - 6 = ☐

10 - 7 = ☐
10 - 10 = ☐
10 - ☐ = 4

☐ - 6 = 4
10 - 4 = ☐
10 - 2 = ☐

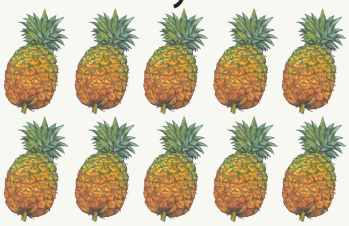
Kora utu duhurizo

Imineke idahiye ni

Imineke ihiye ni

Imineke yose ni

2) Dawidi yari afite inanasi 10



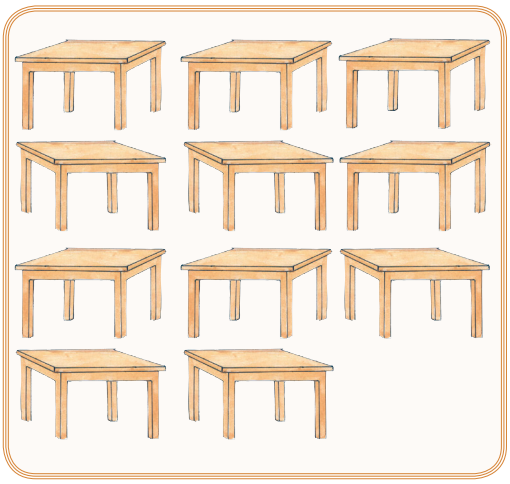
acuruza inanasi 5

Vuga inanasi Dawidi asigaje gucuruza.

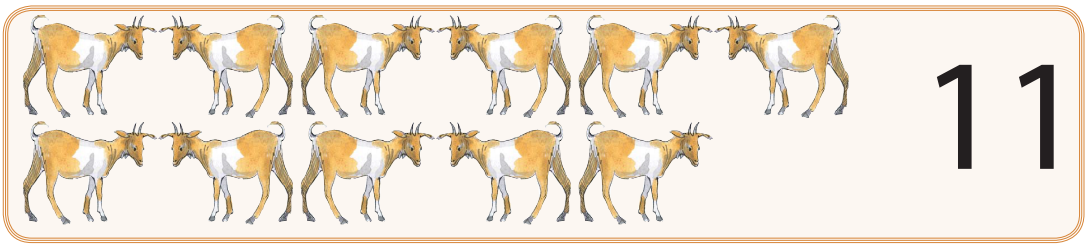
IMIBARE KUVA KURI 0 KUGERA KU 20

Umubare 11

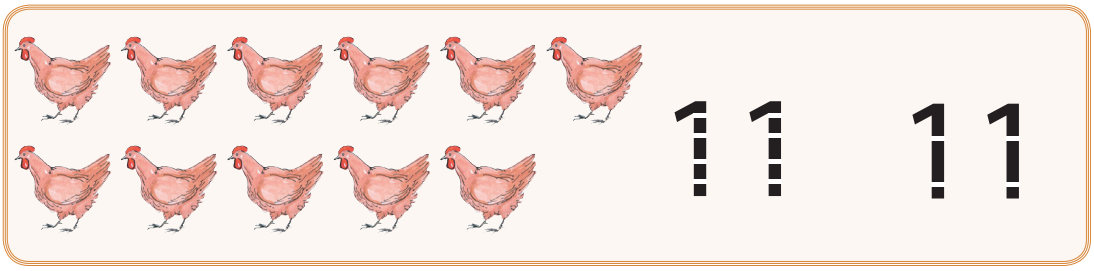
Itegereze, ubare, uvuge umubare.



Bara, uvuge umubare



Igana uyu mubare

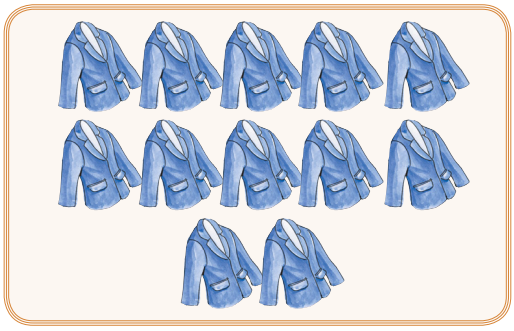


11 11 ___ ___ ___ ___ ___ ___

11 11 ___ ___ ___ ___ ___ ___

Umubare 12

Itegereze, ubare, uvuge umubare.



Bara, uvuge umubare

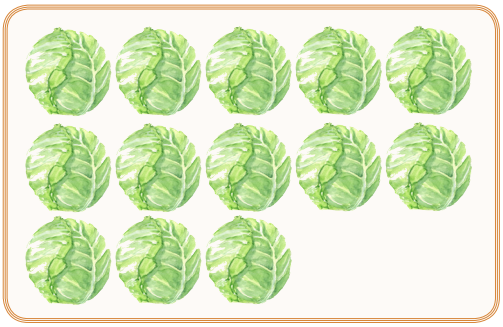
Igana uyu mubare

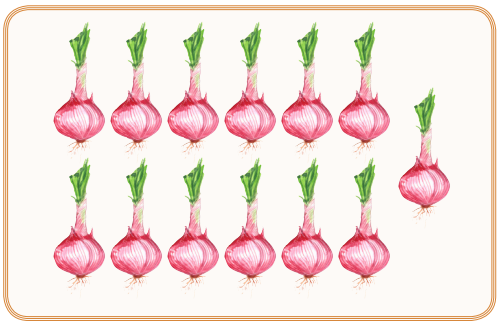
12 12 ___ ___ ___ ___ ___ ___

12 12 ___ ___ ___ ___ ___ ___

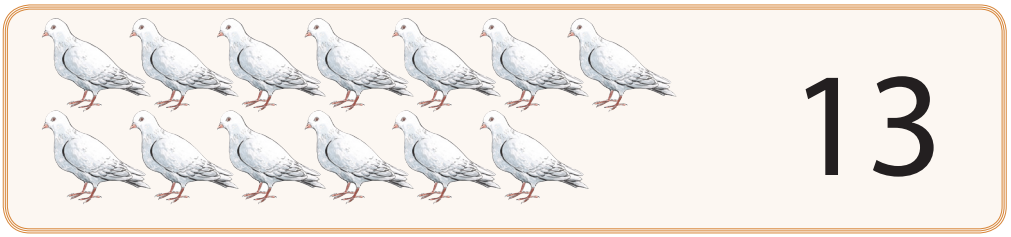
Umubare 13

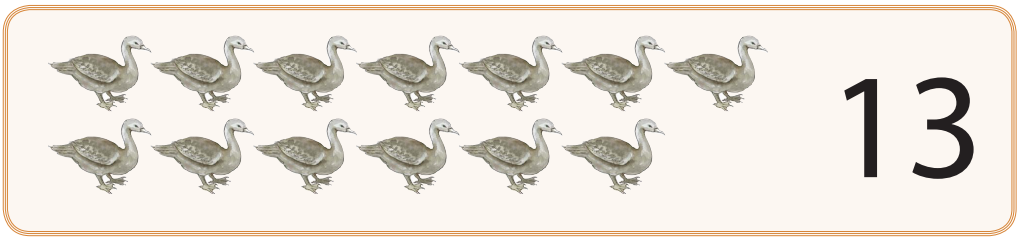
Itegereze, ubare, uvuge umubare.



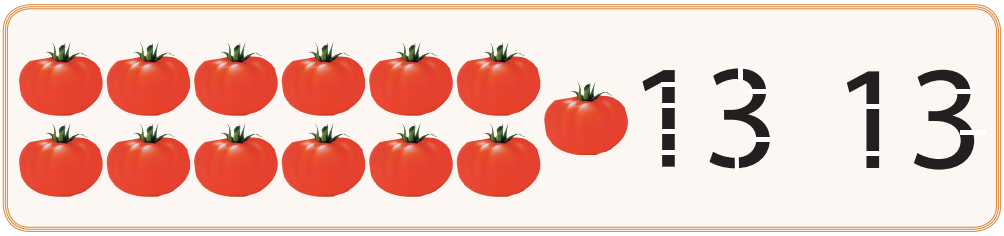


Bara, uvuge umubare





Igana uyu mubare

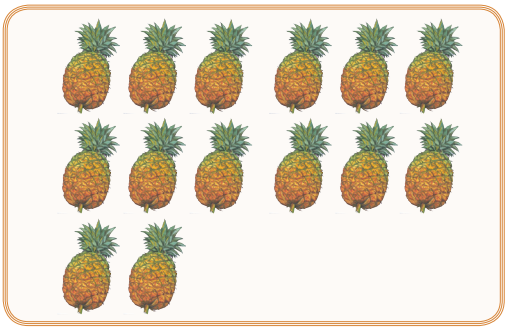


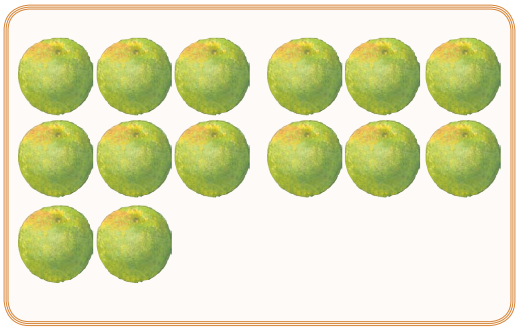
13__ __ __ __ __ __ __

13 13__ __ __ __ __ __

Umubare 14

Itegereze, ubare, uvuge umubare.





Bara, uvuge umubare

14

14

Igana uyu mubare

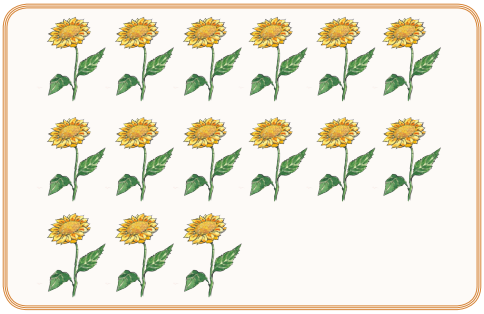
14 14

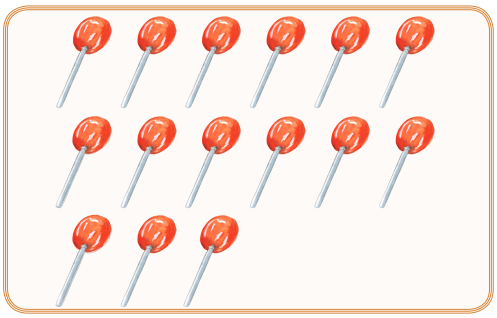
14__ __ __ __ __ __ __ __

14 14__ __ __ __ __ __ __

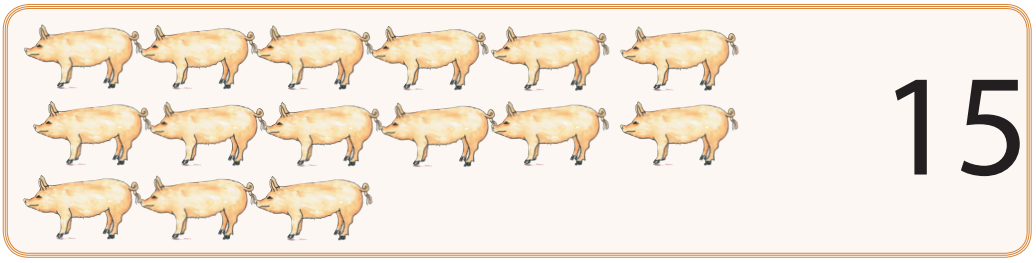
Umubare 15

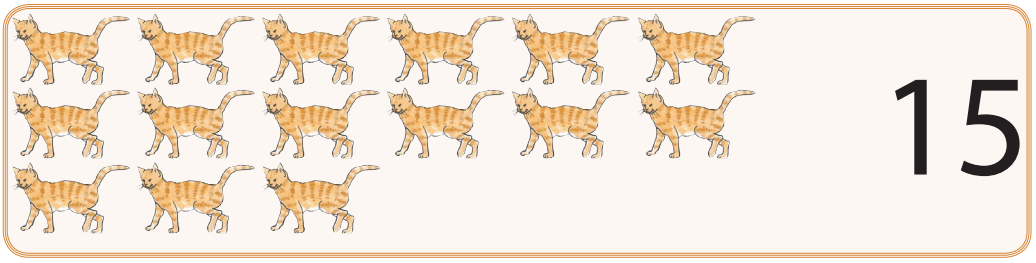
Itegereze, ubare, uvuge umubare.



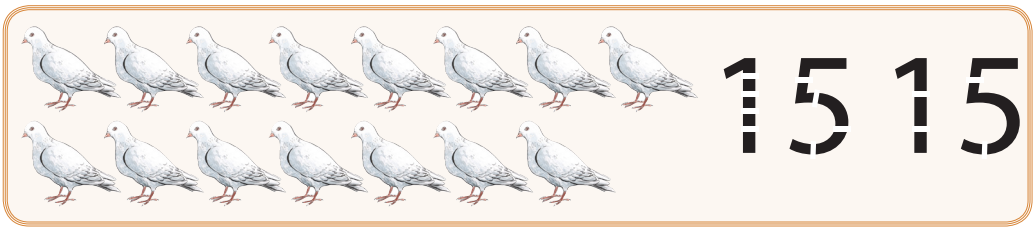


Bara, uvuge umubare





Igana uyu mubare

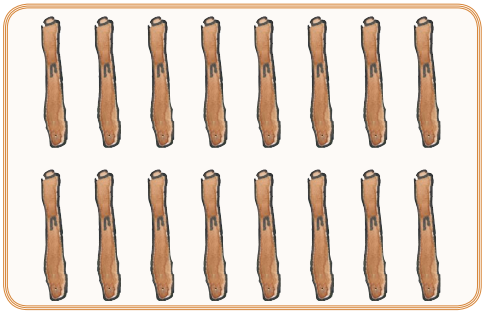


15 ___ ___ ___ ___ ___ ___ ___

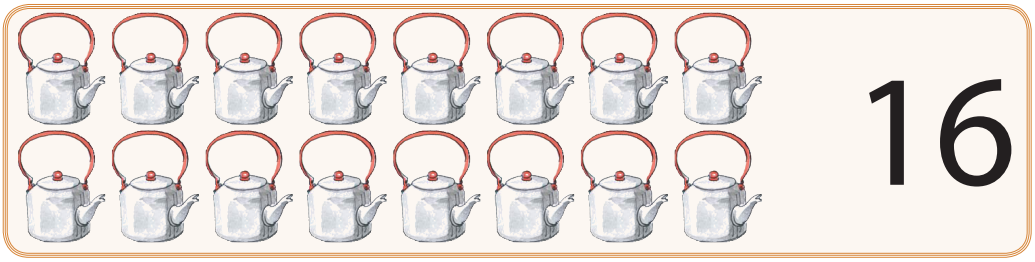
15 15___ ___ ___ ___ ___ ___

Umubare 16

Itegereze, ubare, uvuge umubare.



Bara, uvuge umubare



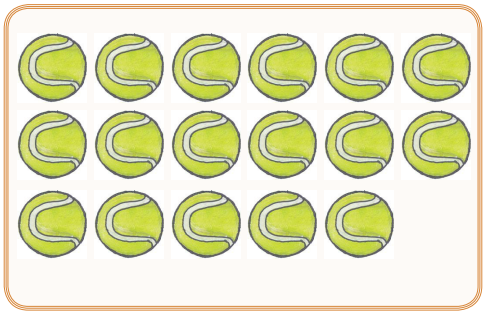
Igana uyu mubare

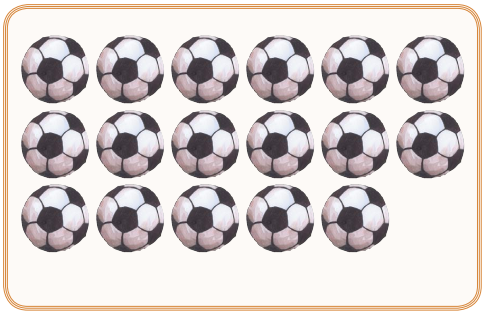
16 ___ ___ ___ ___ ___ ___ ___

16 16 ___ ___ ___ ___ ___ ___

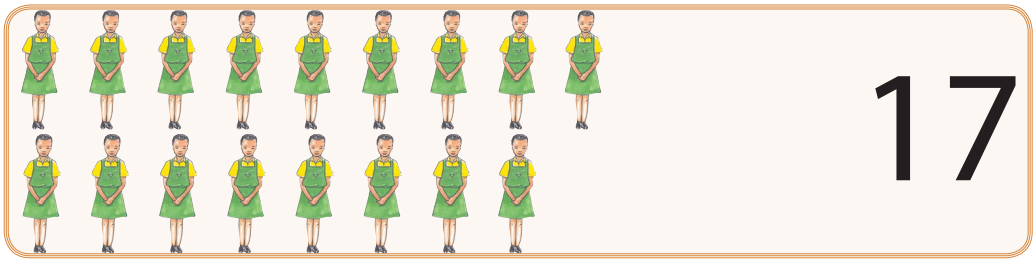
Umubare 17

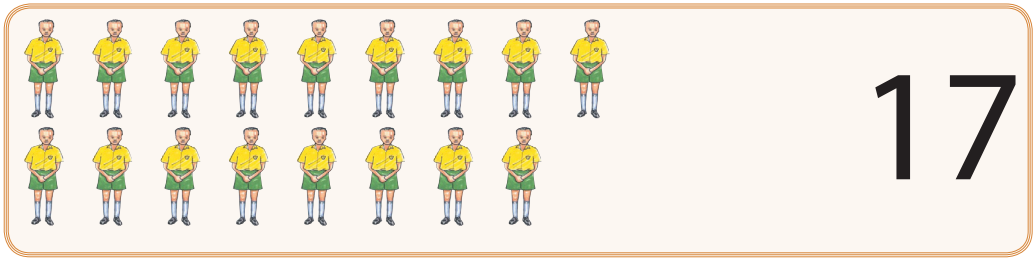
Itegereze, ubare, uvuge umubare.





Bara, uvuge umubare





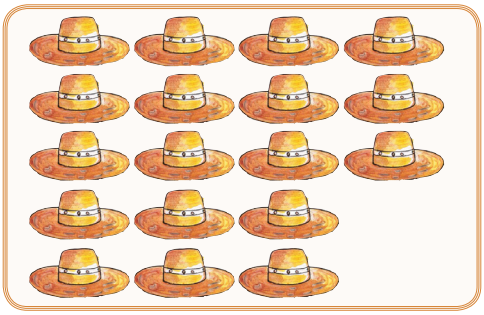
Igana uyu mubare

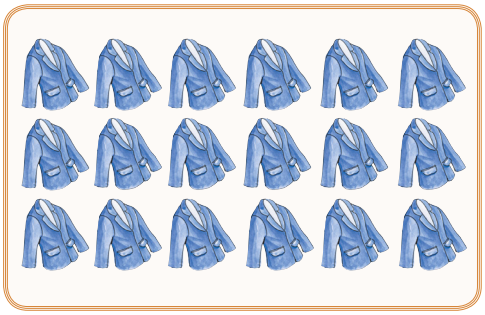
17 ___ ___ ___ ___ ___ ___ ___

17 17 ___ ___ ___ ___ ___ ___

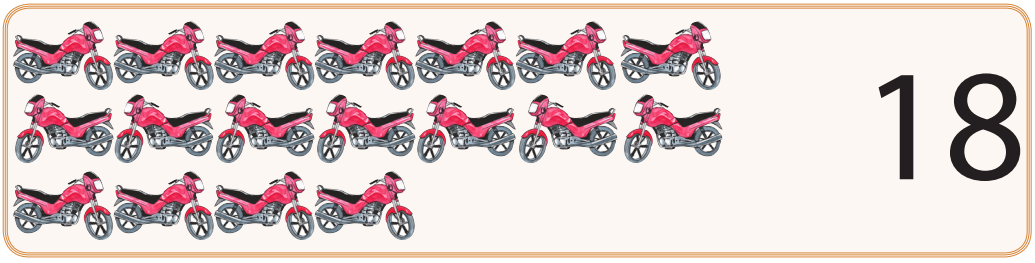
Umubare 18

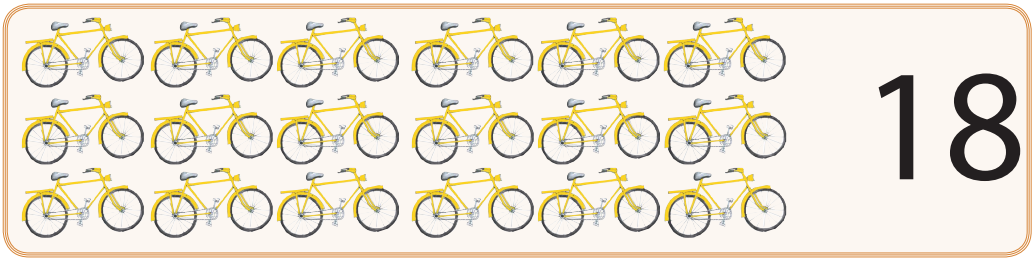
Itegereze, ubare, uvuge umubare.



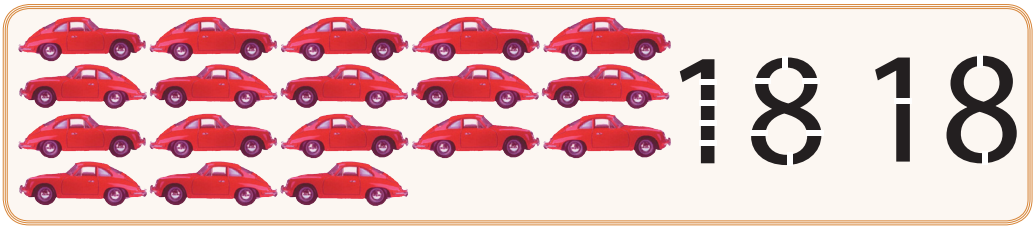


Bara, uvuge umubare





Igana uyu mubare

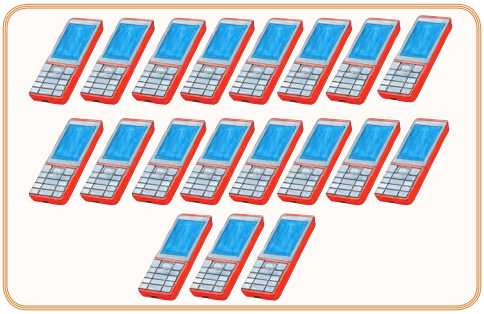


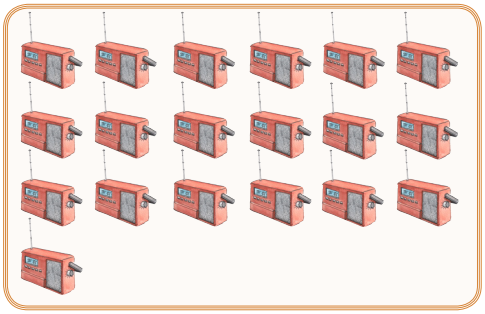
18 ___ ___ ___ ___ ___ ___ ___

18 18___ ___ ___ ___ ___ ___

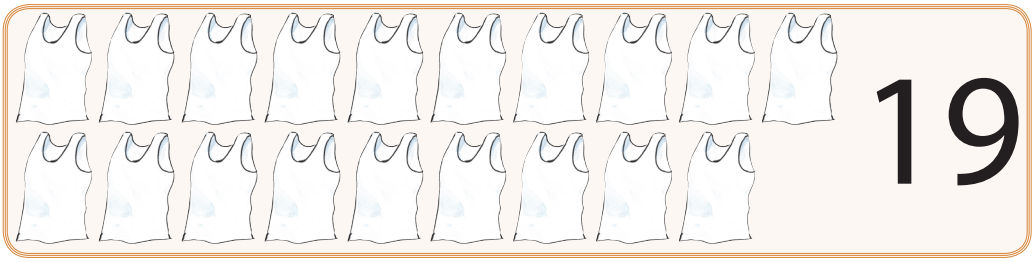
Umubare 19

Itegereze, ubare, uvuge umubare.

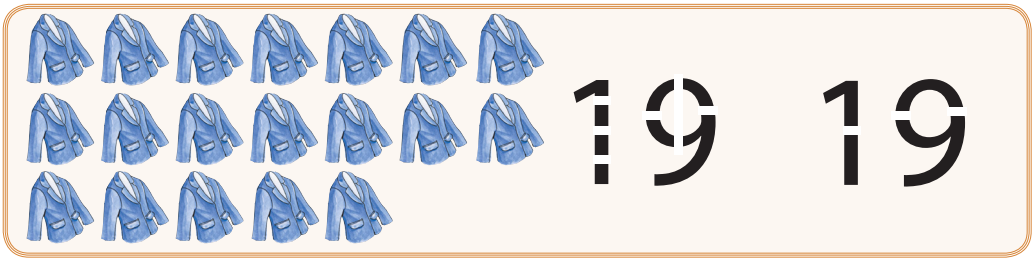




Bara, uvuge umubare



Igana uyu mubare

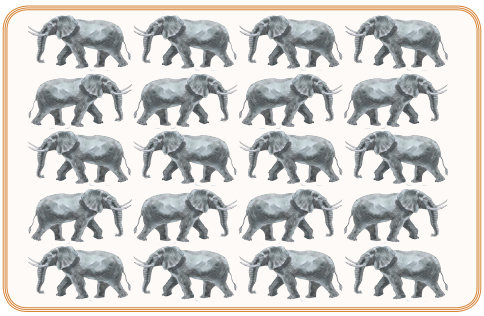


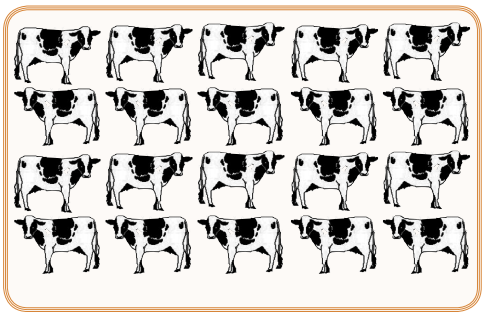
19 ___ ___ ___ ___ ___ ___ ___

19 19___ ___ ___ ___ ___ ___

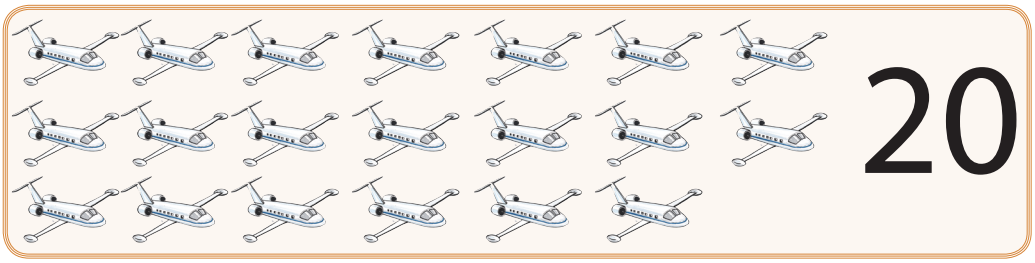
Umubare 20

Itegereze, ubare, uvuge umubare.

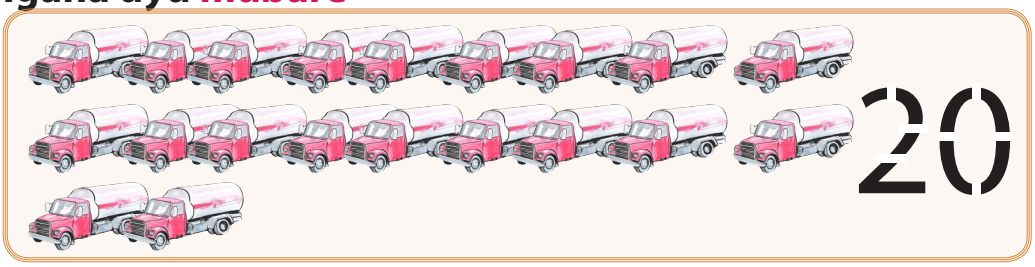




Bara, uvuge umubare



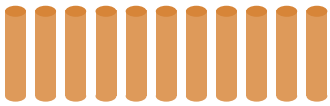
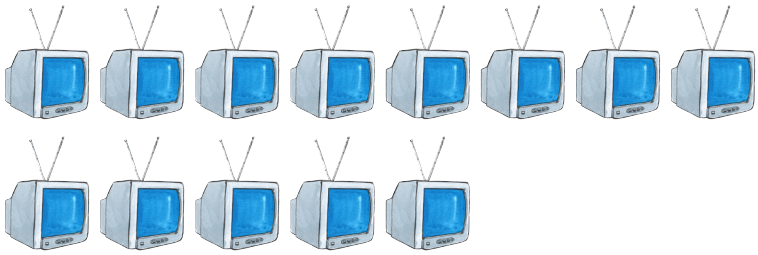
Igana uyu mubare



20 ___ ___ ___ ___ ___ ___ ___

20 20___ ___ ___ ___ ___ ___

Bara, uhuze umubare n'ifoto

Igana iyi mibare

11 11 11 ____ ____ ____ ____ ____ ____

12 12 12 ____ ____ ____ ____ ____ ____

13 13 13 ____ ____ ____ ____ ____ ____

14 14 14 ____ ____ ____ ____ ____ ____

15 15 15 ____ ____ ____ ____ ____ ____

16 16 16 ____ ____ ____ ____ ____ ____

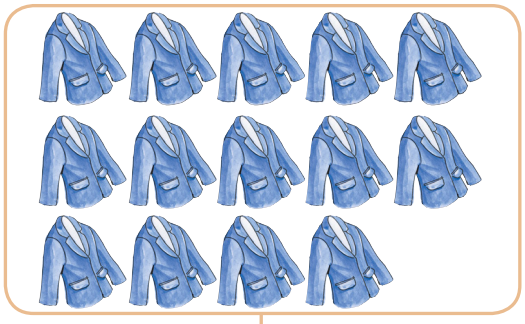
17 17 17 ____ ____ ____ ____ ____ ____

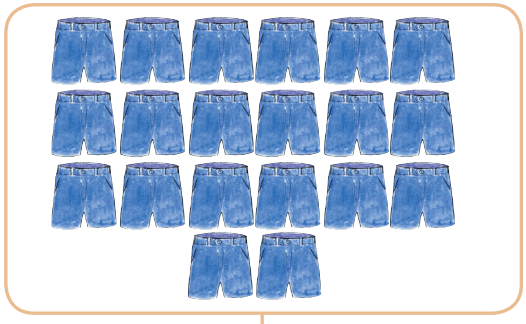
18 18 18 ____ ____ ____ ____ ____ ____

19 19 19 ____ ____ ____ ____ ____ ____

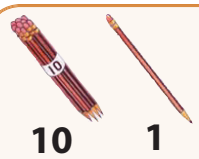
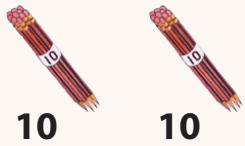
20 20 20 ____ ____ ____ ____ ____ ____

Bara wandike umubare ahabugenewe

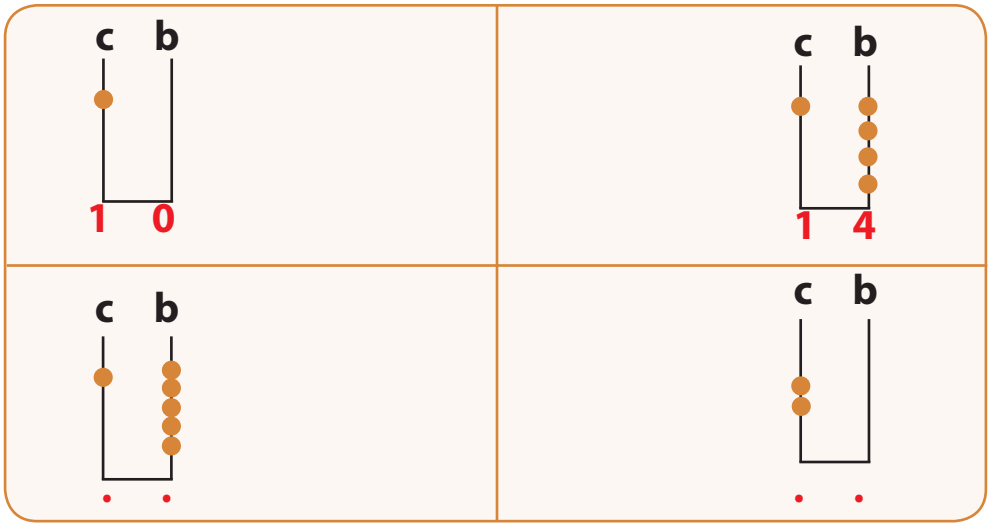




Bara uvuge umubare w'amacumi n'umubare utagera ku icumi

 10 1	Icumi 1 Hasigaye ikaramu 1
10 2	Icumi 1 Hasigaye ikaramu ...
10 3	Icumi 1 Hasigaye ikaramu ...
10 4	Icumi 1 Hasigaye ikaramu ...
10 5	Icumi 1 Hasigaye ikaramu ...
10 6	Icumi 1 Hasigaye ikaramu ...
10 7	Icumi ... Hasigaye ikaramu ...
10 8	Icumi 1 Hasigaye ikaramu ...
10 9	Icumi 1 Hasigaye ikaramu ...
 10 10	Amacumi ni ...

Itegereze urugero, bara, wuzuze ahabugenewe umubare w' udusaro



Itegereze urugero, wuzuze umubare mu tuzu

10	
c	b
1	0

13	
c	b
.	3

17	
c	b
1	.

20	
c	b
.	.

Itegereze urugero, wuzuze umubare ubura

14	
c	b
1	4

...3	
c	b
1	3

1...	
c	b
1	9

...	
c	b
1	1

Itegereze urugero, wuzuze umubare mu tudomo

16=c 1 b 6

12=c ... b ...

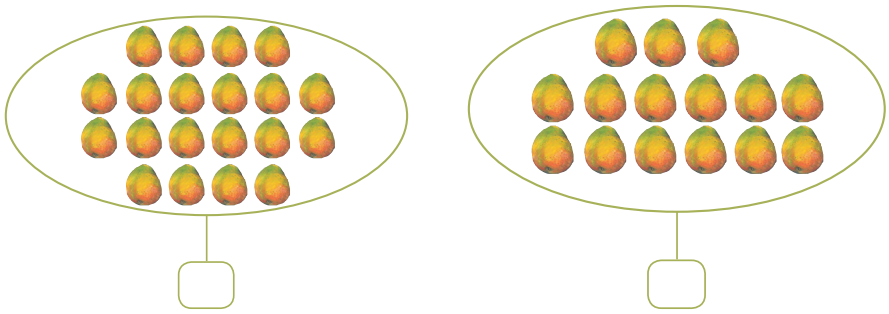
20=c ... b ...

10=c ...

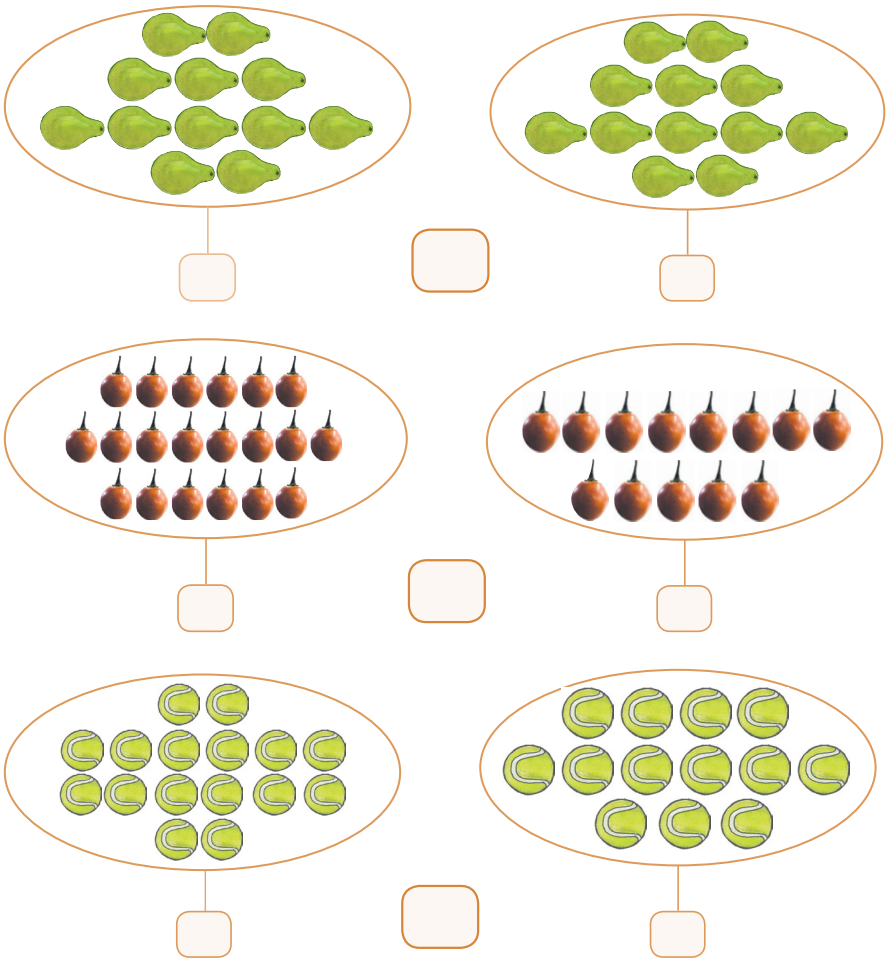
15=c 1 b...

19=c...b 9

Bara wuzuze umubare mukazu, uvuge umubare muto n'umunini



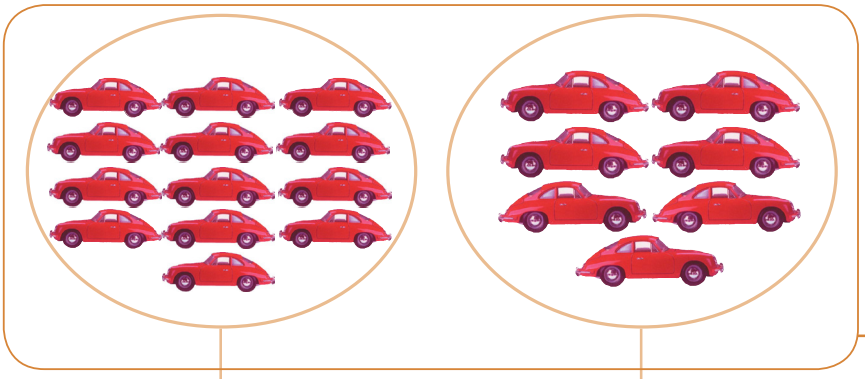
Bara wuzuze na: <, >, =



Uzuza na >, <, =

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

Bara wuzuze umubare ubura mu kazu

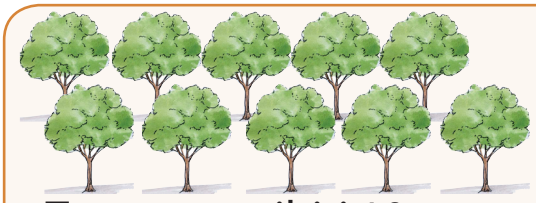


13 + 7 = .

Kora iyi mibare

18 + 1 = ☐	2 + 14 = ☐	17 + ☐ = 20
2 + 14 = ☐	14 + 4 = ☐	☐ + 6 = 10
14 + 4 = ☐	18 + 1 = ☐	☐ + 14 = 20
12 + 7 = ☐	13 + 5 = ☐	8 + 0 = ☐

Kora utu duhurizo

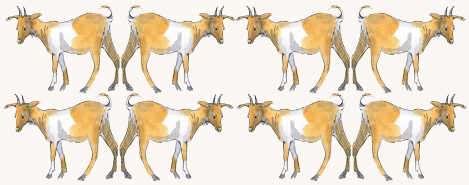


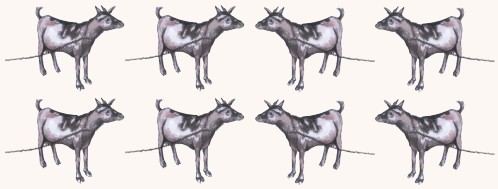
Teta yateye ibiti 10

Tito atera ibiti 2

umubare w'ibiti bose bateye ni ☐

Muhire yoroye ihene 8





Keza amuha ihene 8

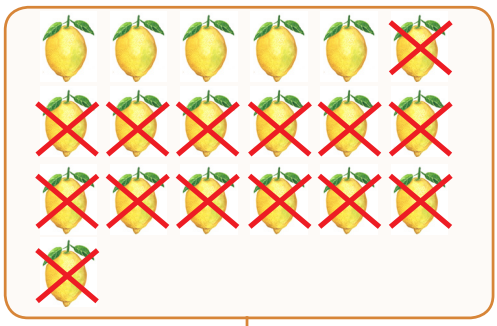
Ihene Muhire afite ni ☐

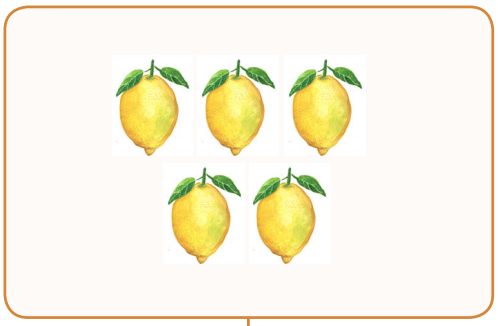
Bara, ukuremo uvuge umubare w'ibisigaye

☐

Bara, ukuremo uvuge umubare w'ibisigaye

18 - 4 = ☐





19 - 14 = ☐

Kora iyi mibare

18 - 2 = ☐

9 - 7 = ☐

17 - 1 = ☐

19 - 4 = ☐

15 = ☐ - 5

18 - 17 = ☐

18 - ☐ = 7

☐ - 1 = 14

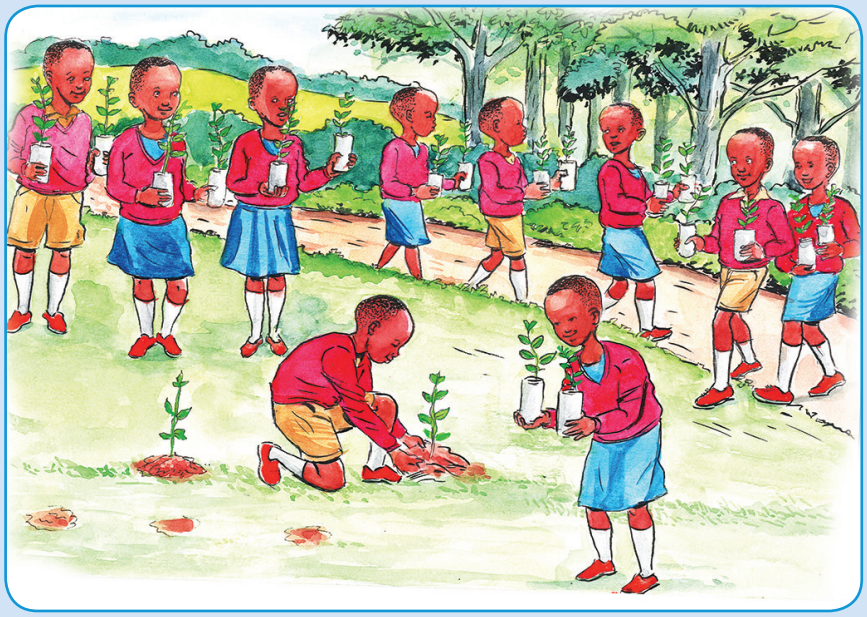
17 - ☐ = 14

Kora utu duhurizo

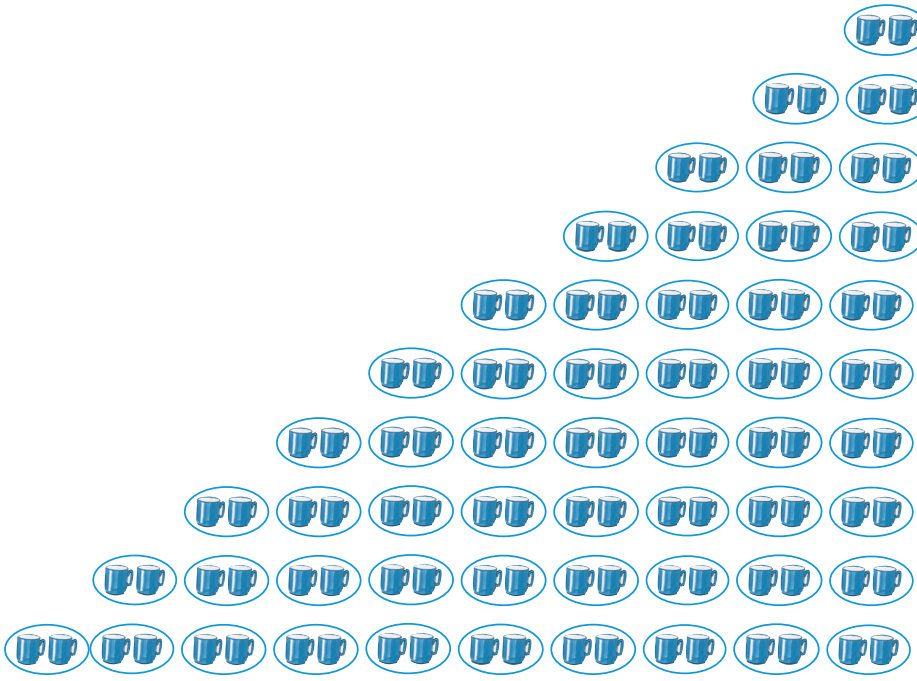
Giramata yoroye inuma 15. Inuma 10 zateye amagi. Vuga umubare w'inuma zitaratera amagi

Marita yaguze avoka 20 zo gucuruza. Avoka 15 murizo zirahiye. Vuga umubare w'avoka zidahiye.

Gukuba no kugabanya na 2



Itegereze udutasi mu tuziga. Erekana isano iri hagati ya buri mubare uri mu kaziga, umubare w'utuziga n'imibare ikurikira: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20



2 x 1 = 2

2 x 2 = 4

2 x 3 = 6

2 x 4 = 8

2 x 5 = 10

2 x 6 = 12

2 x 7 = 14

2 x 8 = 16

2 x 9 = 18

2 x 10 = 20

Itegereze werekane isano iri hagati yo guteranya no gukuba

2 x 1 =2		2
2 x 2=4		2+2=4
2 x 3=6		2+2+2=6
2 x 4=8		2+2+2+2=8
2 x 5=10		2+2+2+2+2=10
2 x 6=12		2+2+2+2+2+2=12
2 x 7=14		2+2+2+2+2+2+2=14
2 x 8=16		2+2+2+2+2+2+2+2=16
2x9=18		2+2+2+2+2+2+2+2+2=18
2x10=20		2+2+2+2+2+2+2+2+2+2=20

Uzuza umubare mu kazu

2 = 2 x 1

10 = 2 x ☐

8 = 2 x ☐

4 = 2 x ☐

16 = ☐ x 8

12 = ☐ x 6

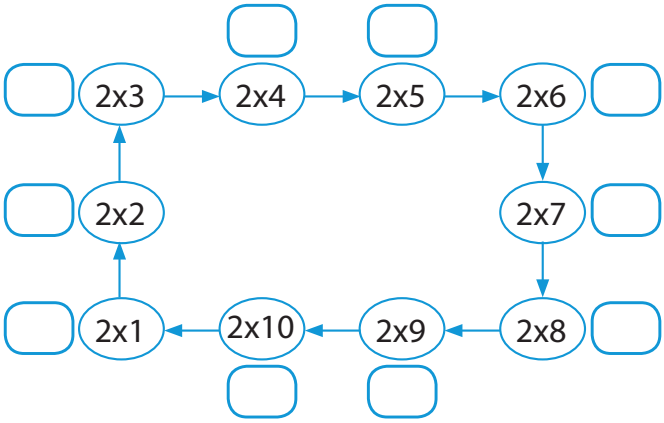
20 = 2 x ☐

18 = 2 x ☐

Uzuza umubare ubura

X 2

1	7	9	8	4	2	3	6	5	10
2	.	.	.	.	.	.	.	.	.



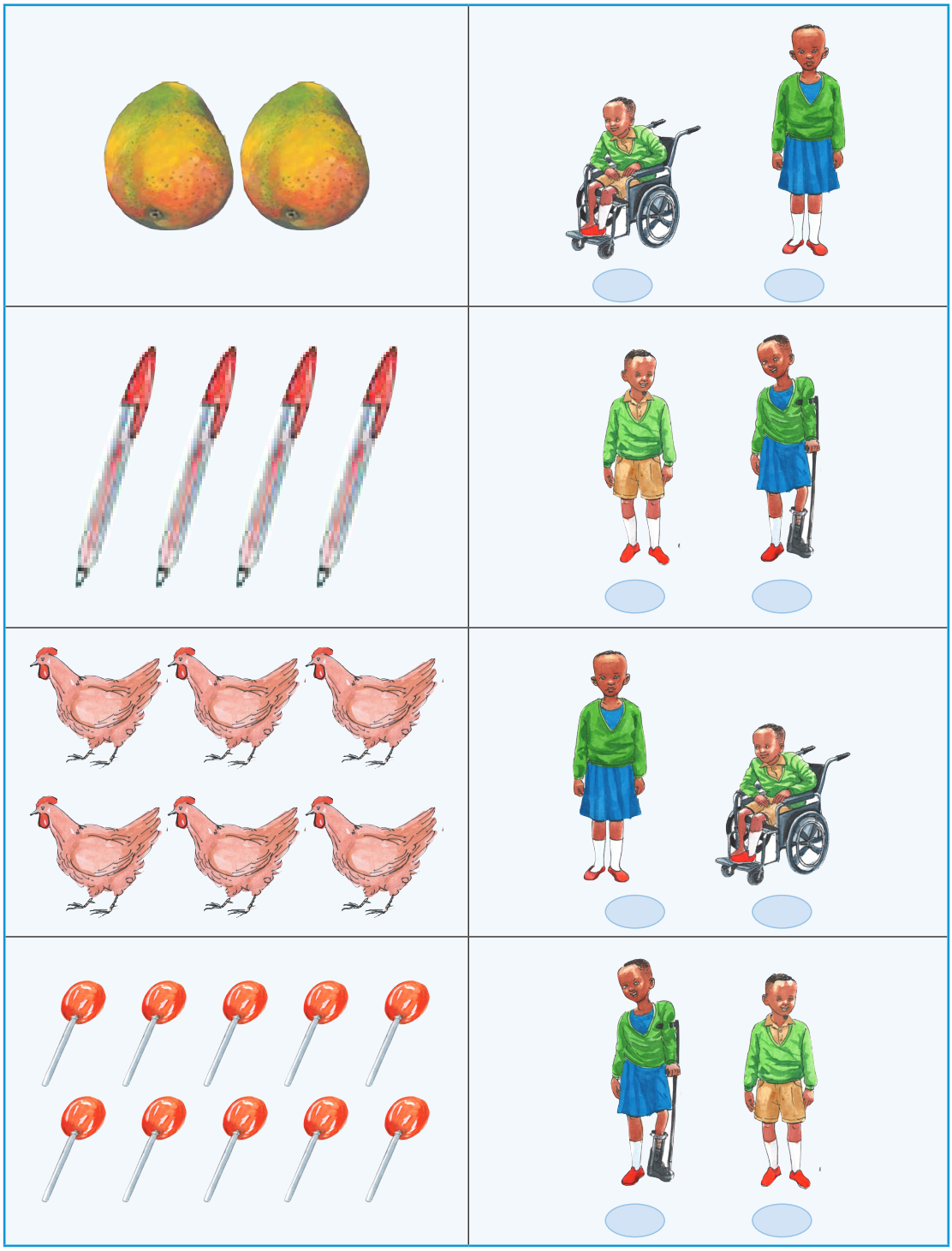
Kora amahurizo

Fifi na Teta bafite amakaramu 2 buri wese. Vuga amakaramu bose bafite.

Inuma 1 ifite amaguru ☐

Inuma 5 zifite amaguru ☐

Itegereze, uvuge umubare buri wese azafata nibagabana



Uzuza umubare mu kazu

2 : 1 = 2

12 : 2 = ☐

18 : 2 = ☐

8 : 2 = ☐

10 : 2 = ☐

18 : 2 = ☐

20 : 2 = ☐

Uzuza umubare ubura

: 2

4	6	12	8	14	20	16	18	2	10
2	.	.	.	.	10	.	.	.	.

Kora amahurizo

Giramata na Giraneza bahawe amapera 8 barayagabana.

Umubare w'amapera buri wese afite ni ☐ .

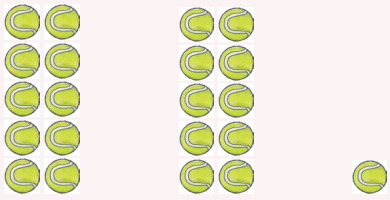
Mama yaguze amagi 6 ayaha abana 2

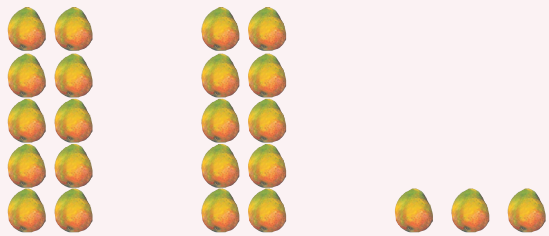
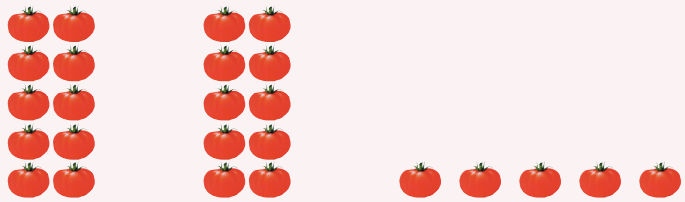
Umubare w'amagi buri wese yahawe ni ☐ .

Imibare kuva kuri 0 kugera kuri 50

Imibare kuva kuri 21 kugera kuri 25

Itegereze ubare, uvuge umubare

	21
	22

	23
	24
	25

Igana iyi mibare

21 21 ....

22 22 ....

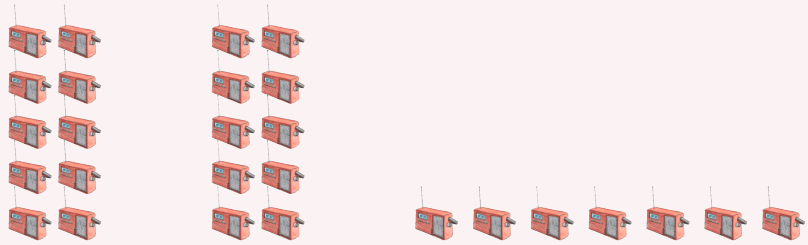
23 23 ....

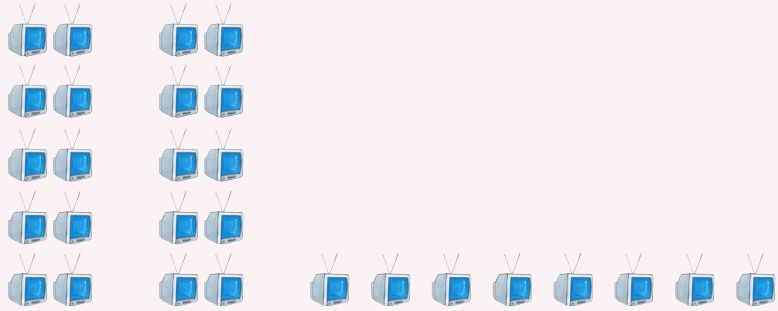
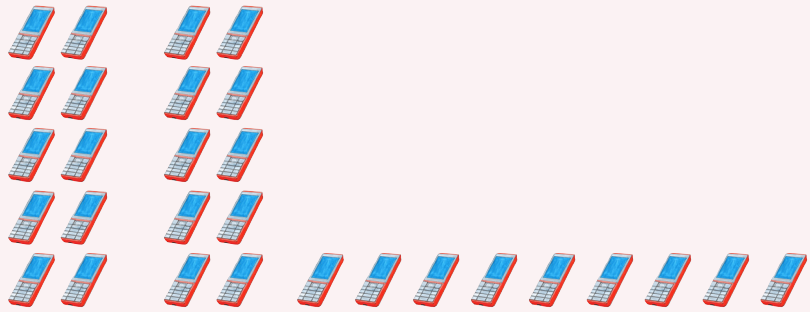
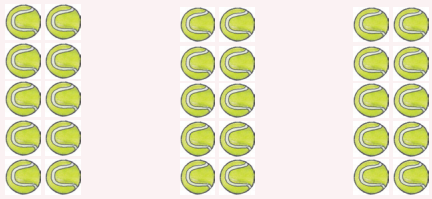
24 24 ....

25 25 ....

Imibare kuva kuri 26 kugera kuri 30

Itegereze ubare, uvuge umubare

	26
	27

	28
	29
	30

Igana iyi mibare

26 26 ....

27 27 ....

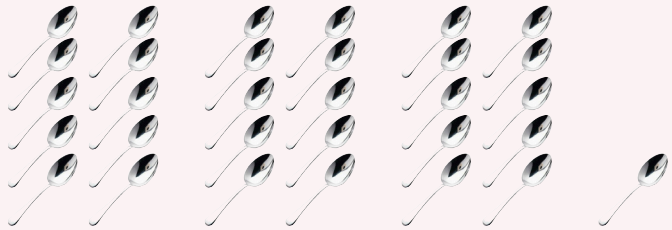
28 28 ....

29 29 ....

30 30 ....

Imibare kuva kuri 31 kugera kuri 35

Itegereze ubare, uvuge umubare

	31
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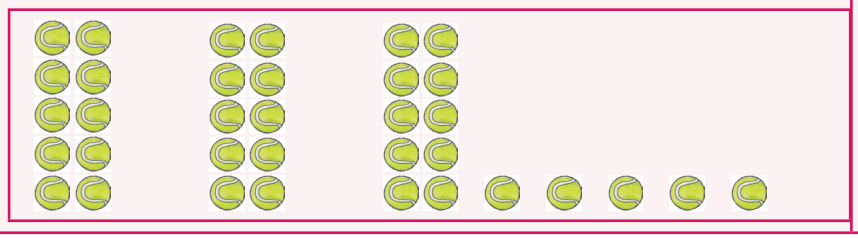
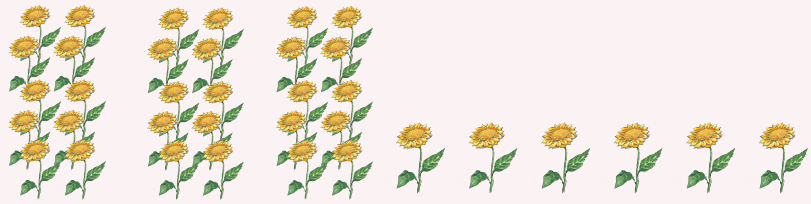
	33
	34
	35

Igana iyi mibare

31	31	....	....	....	....	....	....	....	....	....
32	32	....	....	....	....	....	....	....	....	....
33	33	....	....	....	....	....	....	....	....	....
34	34	....	....	....	....	....	....	....	....	....
35	35	....	....	....	....	....	....	....	....	....

Imibare kuva kuri 36 kugera kuri 40

Itegereze ubare, uvuge umubare

	36
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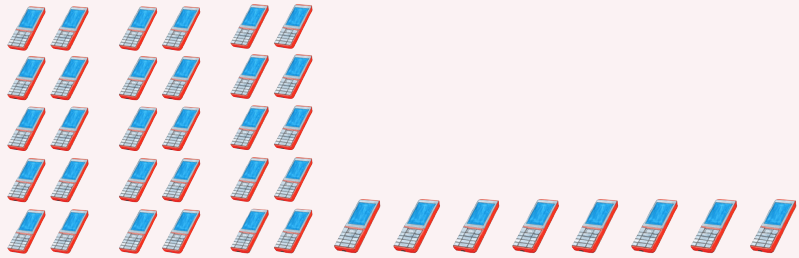	38
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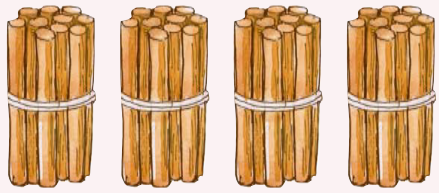
	40

Igana iyi mibare

36 36 ....

37 37 ....

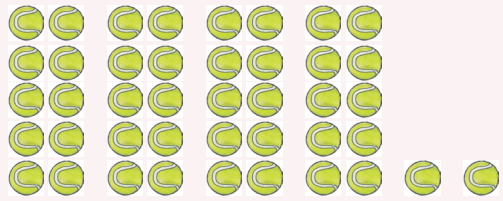
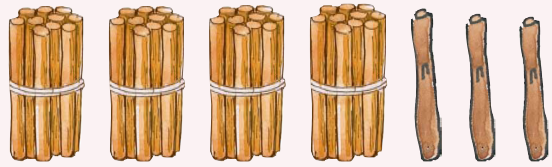
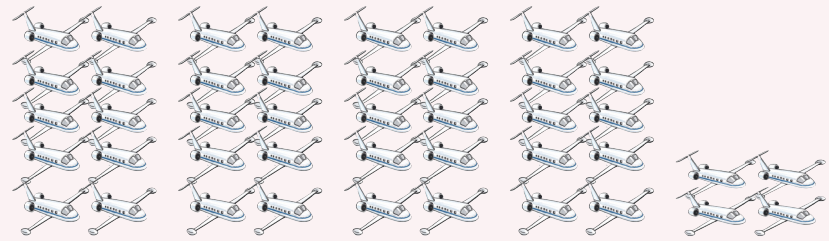
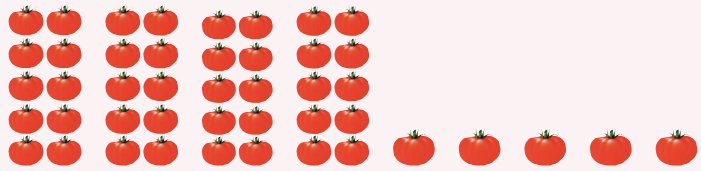
38 38 ....

39 39 ....

40 40 ....

imibare kuva kuri 41 kugera kuri 45

Itegereze ubare, uvuge umubare

	41
	42
	43
	44
	45

Igana iyi mibare

41 41 ....

42 42 ....

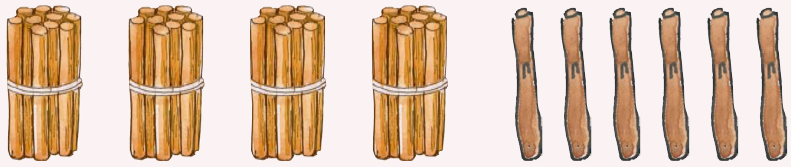
43 43 ....

44 44 ....

45 45 ....

Imibare kuva kuri 46 kugera kuri 50

Itegereze ubare, uvuge umubare

	46
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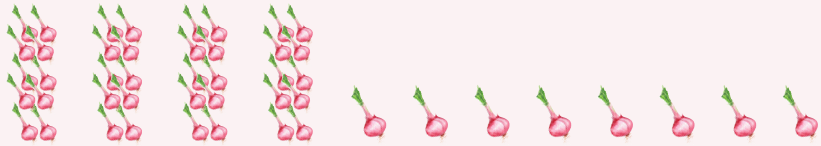
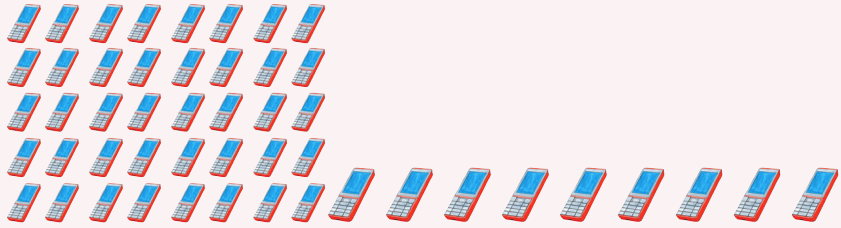
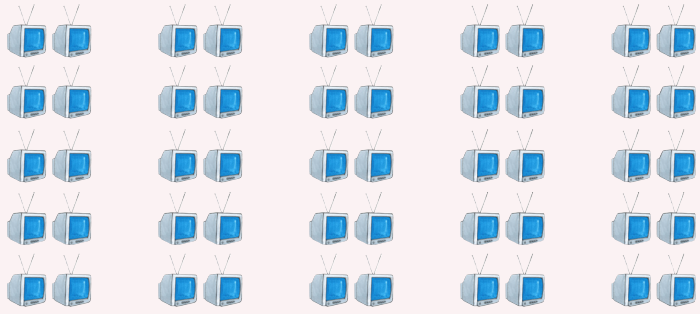
	48
	49
	50

Igana iyi mibare

46 46 ....

47 47 ....

48 48 ....

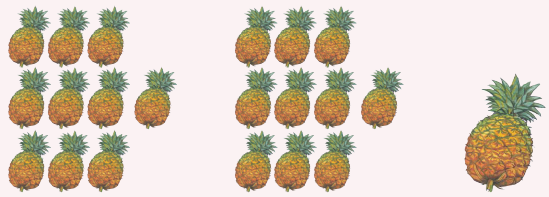
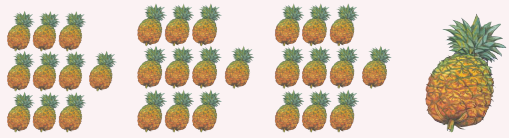
49 49 ....

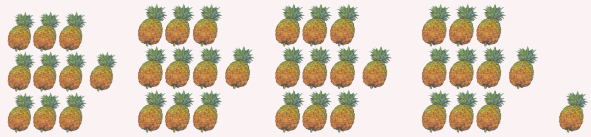
50 50 ....

Imibare kuva kuri 0 kugera kuri 50

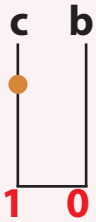
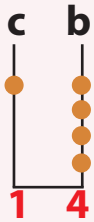
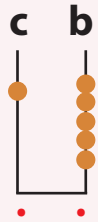
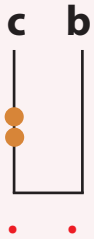
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

Bara, uvuge umubare w'amacumi

 10 10 1	Amacumi ni 2 Hasigaye inanasi 1
 10 10 10 1	Amacumi ni ... Hasigaye inanasi ...

 10 10 10 10 1	Amacumi ni ... Hasigaye inanasi ...
10 10 10 10 10	Amacumi ni ... Hasigaye inanasi ...

Itegereze ubare, uvuge umubare

Itegereze urugero, wuzuze umubare mu tuzu

40		33		27		50	
c	b	c	b	c	b	c	b
4	0	.	3	2	.	.	.

Itegereze urugero, wuzuze umubare ubura

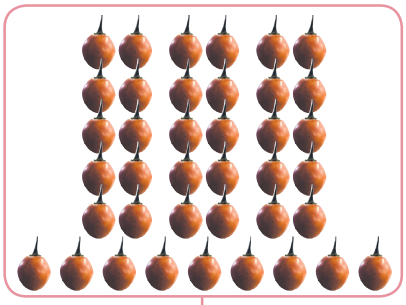
34		...8		2...		...	
c	b	c	b	c	b	c	b
3	4	4	8	2	9	3	5

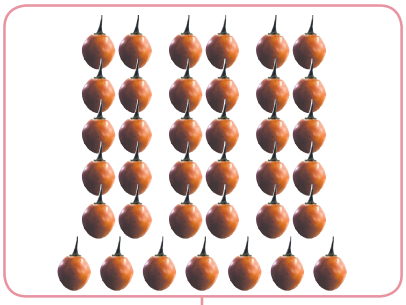
Uzuza umubare ahari utudomo

46=c 4 b 6
32=c ... b ...
40=c ... b ...

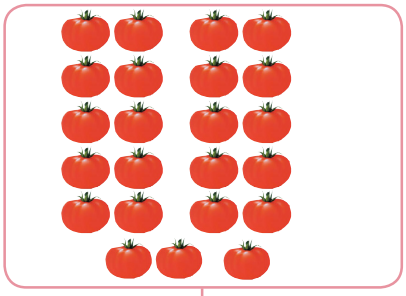
50=c ...
25=c 2 b...
49=c...b 9

Bara wuzuze na: <, >, =

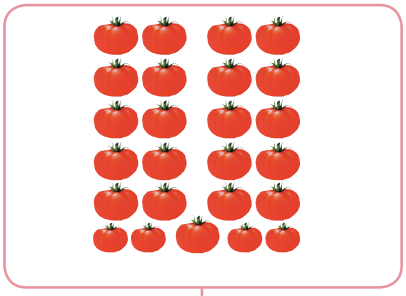




37



23



25

Itegereze urugero wuzuze na: <, >, =

35	<	36	37		23	24		34	24		34
48	>	42	31		47	50		46	50		46
29	=	29	23		23	45		31	45		31

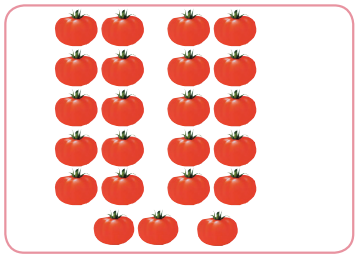
Hera ku mubare muto uheruke umunini

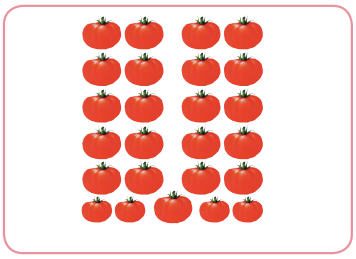
39	47	50	21
_____	_____	_____	_____
38	24	42	35
_____	_____	_____	_____

Hera ku mubare munini uheruke umuto

32	29	31	46	24
_____	_____	_____	_____	_____
26	38	43	25	4
_____	_____	_____	_____	_____

Itegereze urugero, maze ukore imibare





23 + 25 = 48

	c	b
	2	3
+	2	5
	4	8

	c	b
	3	2
+	1	6
	.	.

	c	b
	1	8
+	2	1
	.	.

	c	b
	2	4
+	2	1
	.	.

	c	b
	3	0
+	1	5
	.	.

Kora iyi mibare

28 + 1 = ☐
22 + 17 = ☐
30 = 27 + ☐

8 + 14 = ☐
33 + 15 = ☐
☐ + 15 = 25

14 + 10 = ☐
17 + ☐ = 22
25 + 24 = ☐

Kora amahurizo

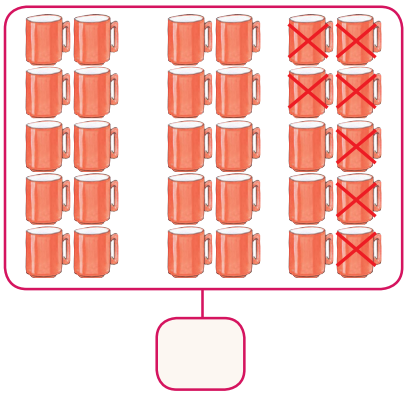
Muhumuza yasaruye amapapayi 32,Rugero nawe asarura amapapayi 12

Umubare w' amapapayi bose basaruye ni .

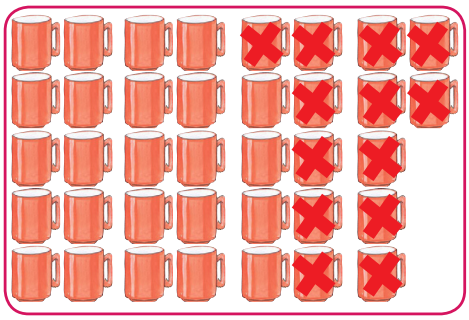
Kayitesi yaguriye Kayisire amakaye 40, agurira Kariza amakaye 10

Amakaye yose Kayitesi yaguze ni .

Bara, ukuremo, uvuge umubare usigara



Itegereze urugero, maze ukore imibare



37 - 13 = 24

	c	b
	3	7
-	1	3
	2	4

	c	b
	4	7
-	2	3
	.	.

	c	b
	2	5
-	2	2
	.	.

	c	b
	4	6
-	2	2
	.	.

	c	b
	4	0
-	2	0
	.	.

Kora iyi mibare

28 - 2 = ☐
29 - 17 = ☐
☐ - 10 = 14

37 - 10 = ☐
48 - 17 = ☐
47 - ☐ = 34

49 - 4 = ☐
38 - ☐ = 28
45 = ☐ - 5

Kora amahurizo

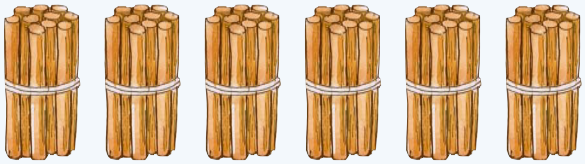
Gakuru na Gato bateye ibiti 34. Ibiti 24 bikura neza.
Umubare w'ibiti bitakuze ni ☐

Lazaro yaguze isake 42 zo gucuruza, agiye ku isoko acuruza isake 30
umubare w'isake atacuruje ni ☐

Imibare kuva kuri 0 kugera kuri 100

Imibare kuva kuri 51 kugera kuri 60

Itegereze ubare, uvuge umubare

	60

Igana iyi mibare

51 51 ....

52 52 ....

53 53 ....

54 54 ....

57 57 ....

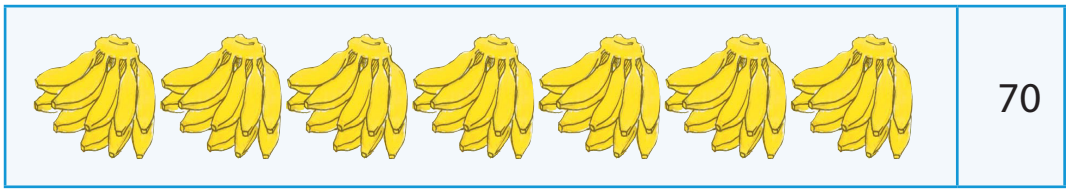
60 60 ....

Uzuza imibare ibura

51	**52**	**53**	**54**	.	.	**57**	.	.	**60**

Imibare kuva kuri 61 kugera kuri 70

Itegereze ubare, uvuge umubare



70

Igana iyi mibare

61 61 ....

62 62 ....

68 68 ....

69 69 ....

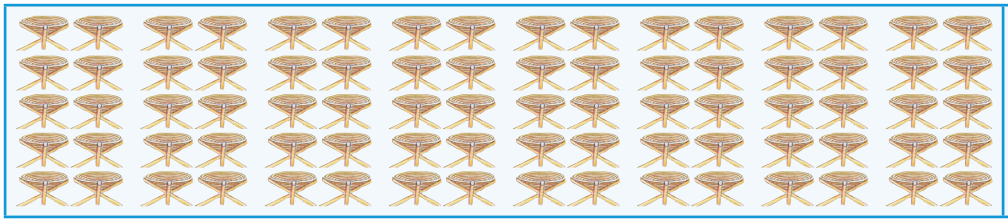
70 70 ....

Uzuza imibare ibura

61	62	.	.	.	.	.	68	69	60

Imibare kuva kuri 71 kugera kuri 80

Itegereze ubare, uvuge umubare



80

Igana iyi mibare

71 71 ....

79 79 ....

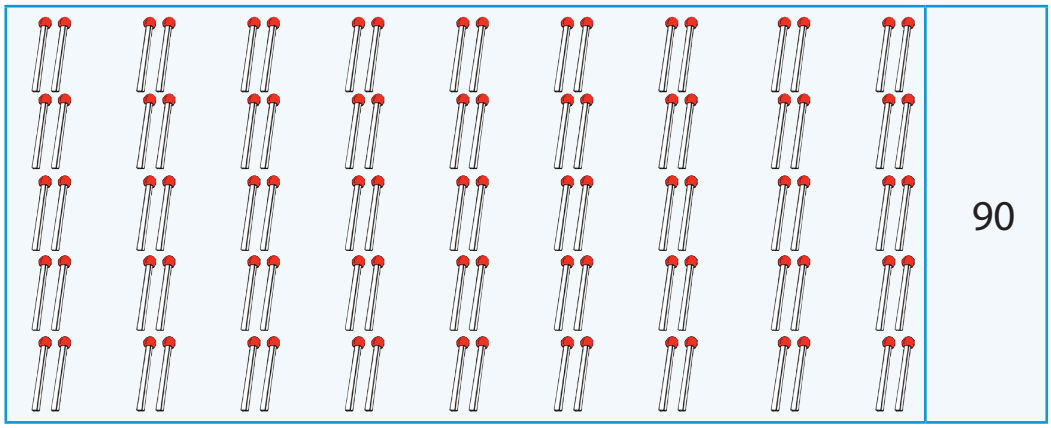
80 80 ....

Uzuza imibare ibura

71	.	.	.	.	.	.	.	79	80

Imibare kuva kuri 81 kugera kuri 90

Itegereze ubare, uvuge umubare



Igana iyi mibare

81 81 ....

89 89 ....

Uzuza imibare ibura

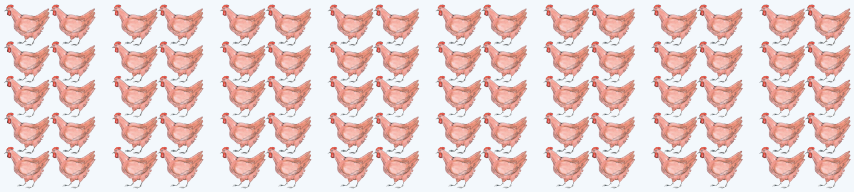
81	.	.	.	.	.	.	.	89

Imibare kuva kuri 91 kugera kuri 99

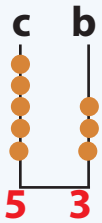
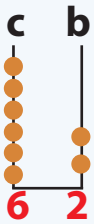
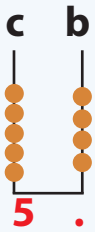
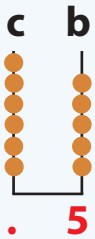
Uzuza imibare ibura

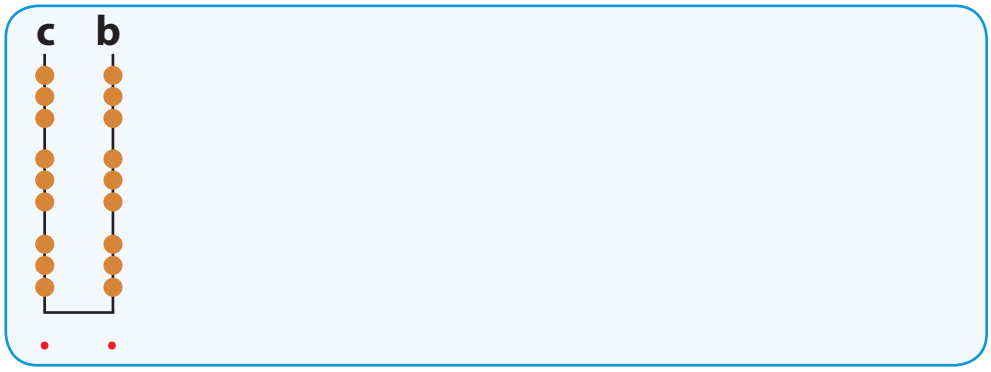
91	.	.	.	.	.	.	.	99

Bara, uvuge umubare w'amacumi

	Amacumi ni 6
	Amacumi ni ...
	Amacumi ni ...
	Amacumi ni ...

Itegereze ubare, uvuge umubare



Itegereze urugero, wuzuze umubare mu tuzu

72		63		87		99	
c	b	c	b	c	b	c	b
7	2	.	3	8	.	.	.

Itegereze urugero, wuzuze umubare ubura

57		...8		6...		...	
c	b	c	b	c	b	c	b
5	7	8	8	6	9	7	5

Uzuza umubare ahari utudomo

76 = c 7 b 6
82 = c ... b ...
90 = c ... b ...

58 = c ... b ...
55 = c 5 b...
69 = c ... b ...

Itegereze urugero wuzuze na: <, >, =

61	=	61	58		58	96		99	77		83
81	<	87	54		45	74		88	50		66
95	>	91	65		65	85		71			

Hera ku mubare muto uheruke umunini

89	87	80	81
_____	_____	_____	_____
98	64	52	75
_____	_____	_____	_____

Hera ku mubare munini uheruke umuto

99	59	79	89	69
_____	_____	_____	_____	_____
66	58	79	95	85
_____	_____	_____	_____	_____

Imibare kuva kuri 1 kugera kuri 100

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

Itegereze urugero, maze ukore imibare

	c	b
	6	2
+	1	3
	7	5

	c	b
	7	3
+	2	1
	9	4

	c	b
	6	4
+	3	2
	.	.

	c	b
	3	5
+	2	2
	.	.

	c	b
	7	7
+	2	0
	.	.

	c	b
	8	5
+	1	2
	.	.

Kora iyi mibare

88 + 1= ☐
32 + 47= ☐
60 = 47 + ☐

6 + 52= ☐
63 + 35= ☐
☐ +15=55

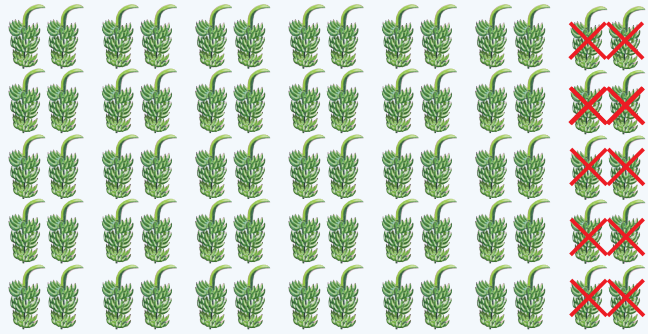
14 + 50= ☐
87 + ☐ =90
34+35= ☐

Kora amahurizo

Yohanita yateye uturabo 23 kuwa kabiri, kuwa gatatu atera uturabo 30
Uturabo Yohanita amaze gutera ni ☐ .

Gatete yagiye ku isoko agura pome 41, Gatesi nawe agiyeyo agura pome 34
Umubare wa pome Gatete na Gatesi baguze ni ☐ .

Bara, ukuremo uvuge umubare w'ibisigaye

	60
	.

Itegereze urugero, maze ukore imibare

	c	b
	7	6
-	2	4
	5	2

	c	b
	8	5
-	4	1
	4	4

	c	b
	8	4
-	2	4
	.	.

	c	b
	6	7
-	2	3
	.	.

	c	b
	9	8
-	2	3
	.	.

	c	b
	9	8
-	4	7
	.	.

Kora iyi mibare

80 - 10 = ☐
59 - 17= ☐
90 - ☐ = 70

67 - 15= ☐
68 - 57= ☐
☐ - 10 = 40

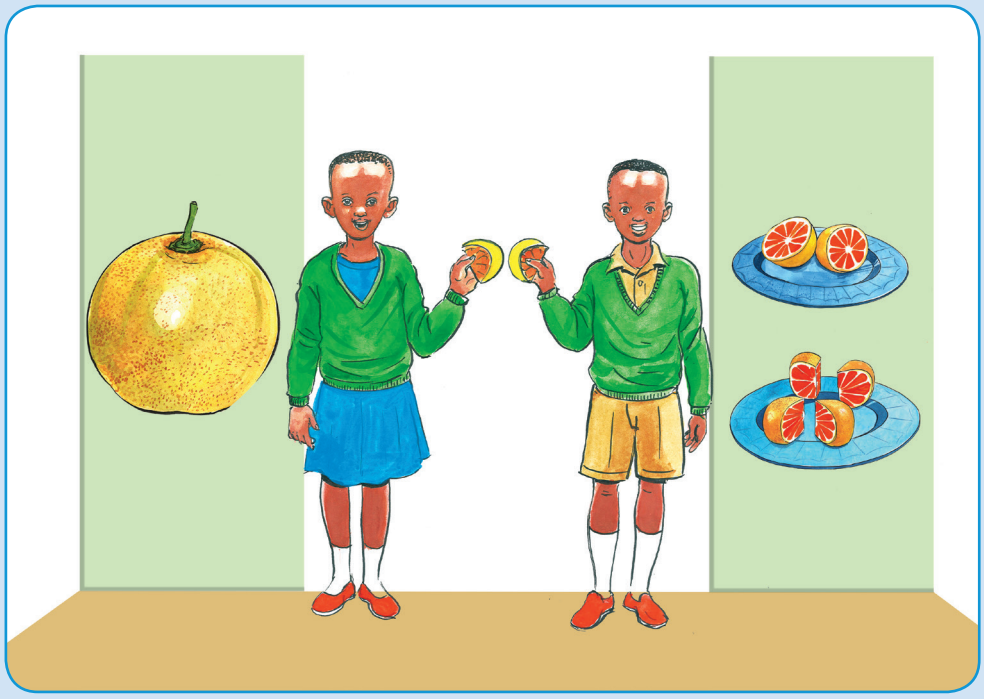
89 - 40 = ☐
38 - ☐ =28
5 = ☐ - 85

Kora amahurizo

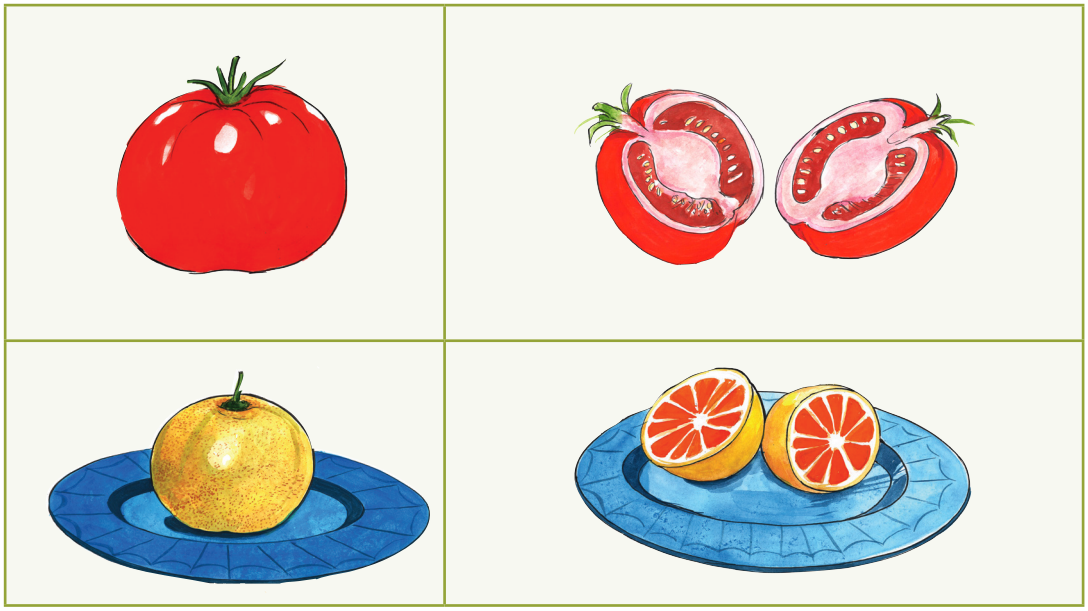
Igiti gifite avoka 80 zeze neza. Gahigi yasaruyemo avoka 30.
Umubare w'avoka zeze neza zasigaye mu giti ni ☐

Mama yagiye ku ivuriro bamuha ibinini 63. Kuva yabigura kugeza ubu amaze kumira ibinini 33.
umubare w'ibinini bisigaye ni ☐

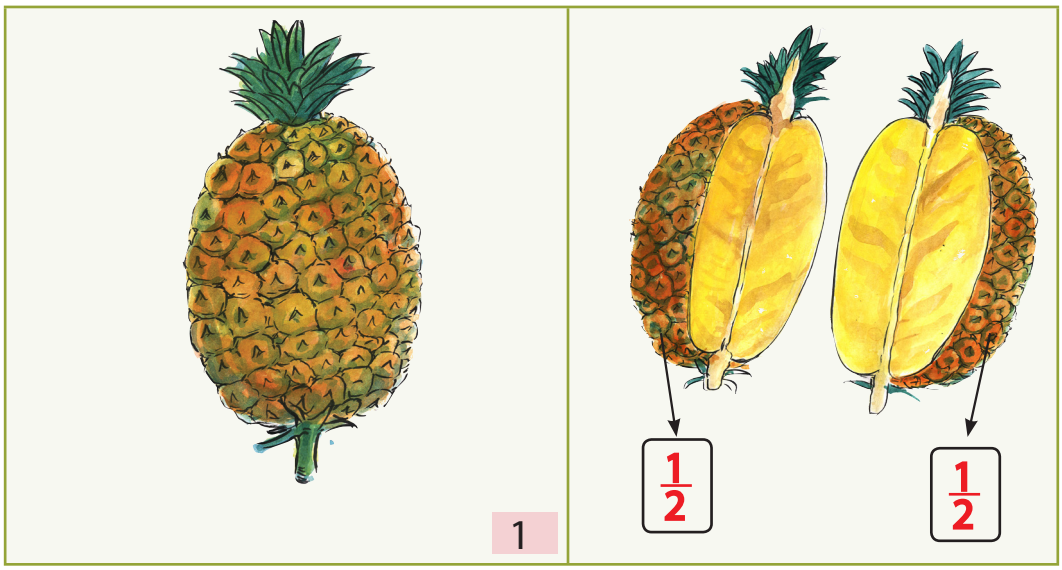
Imigabane $\frac{1}{2}$ na $\frac{1}{4}$



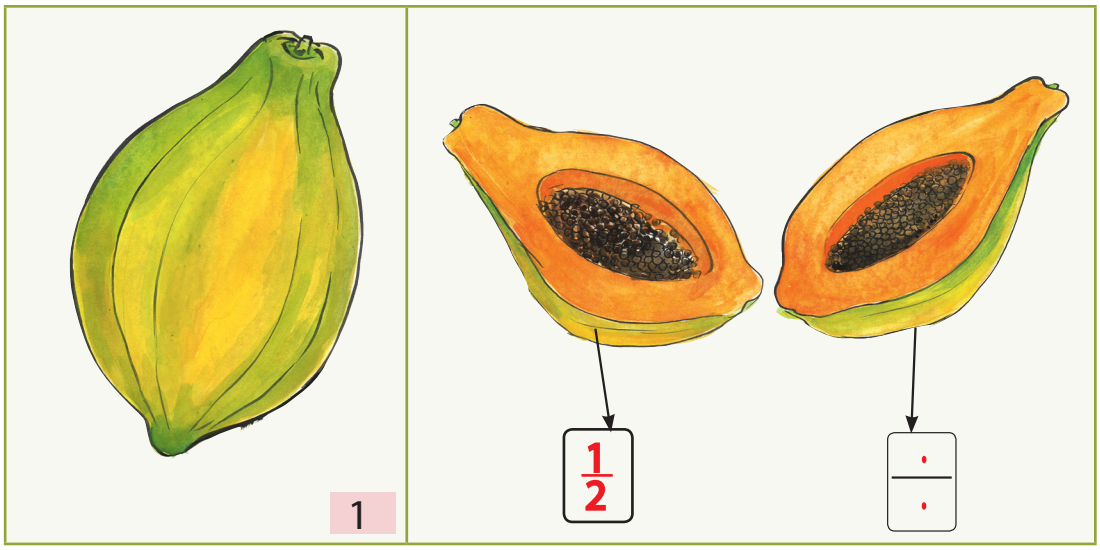
Itegereze, ubare uvuge umubare w'ibice bigize ikizima



Itegereze ubare, usome umugabane $\frac{1}{2}$



Itegereze , ubare, wuzuze umugabane $\frac{1}{2}$ ahabugenewe



Igana iyi migabane

$\frac{1}{2}$ $\frac{1}{2}$ ....

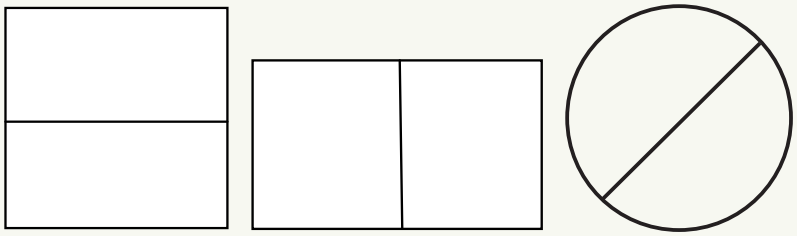
Ibice bigize umugabane $\frac{1}{2}$

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

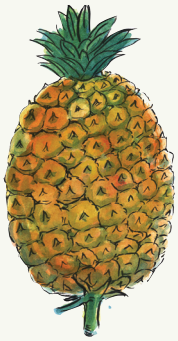
1 → Ikibara

2 → Ikita

Siga ibara umugabane $\frac{1}{2}$



Itegereze, ubare uvuge umubare w'ibice bigize ikizima



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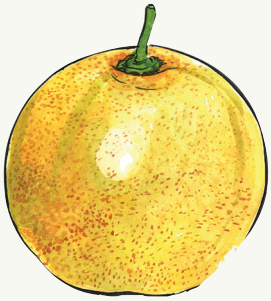
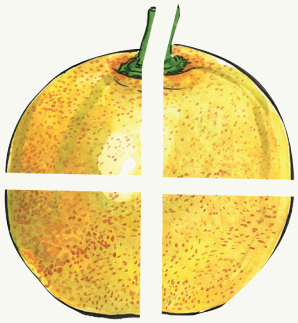
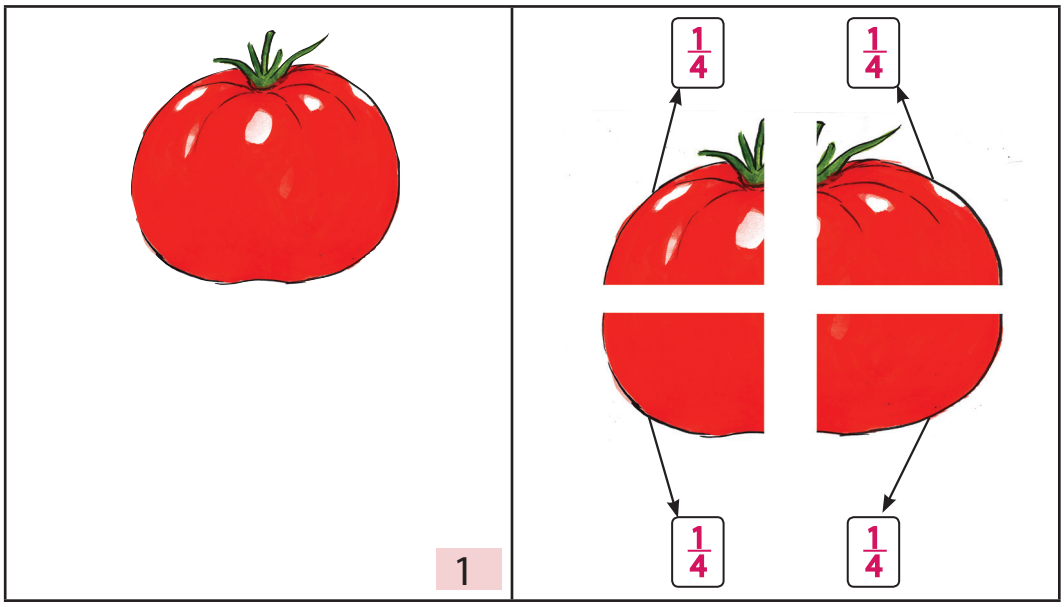


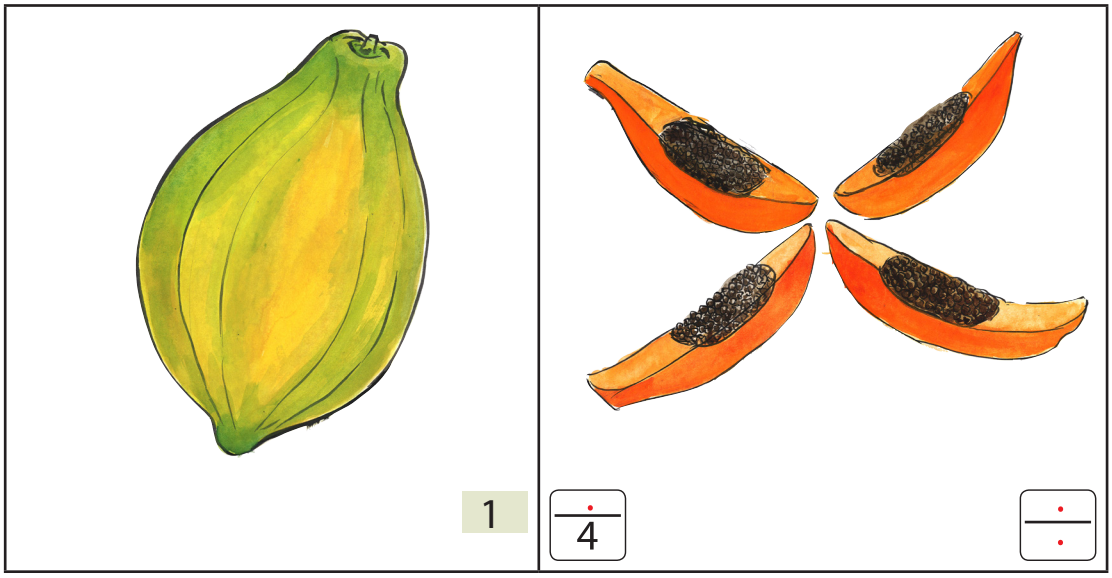
1



Itegereze ubare, usome umugabane $\frac{1}{4}$



Itegereze , ubare, wuzuze umugabane $\frac{1}{4}$ ahabugenewe



Igana uyu mugabane

$\frac{1}{4}$ $\frac{1}{4}$ ....

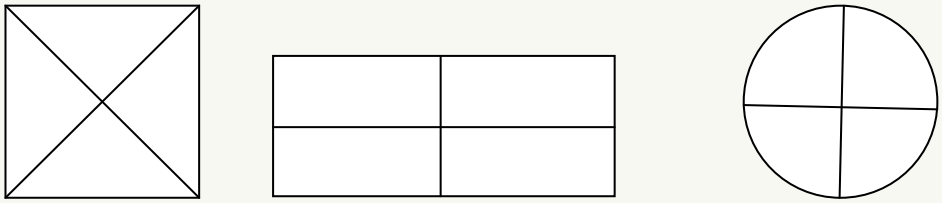
Ibice bigize umugabane $\frac{1}{4}$

$\frac{1}{4}$

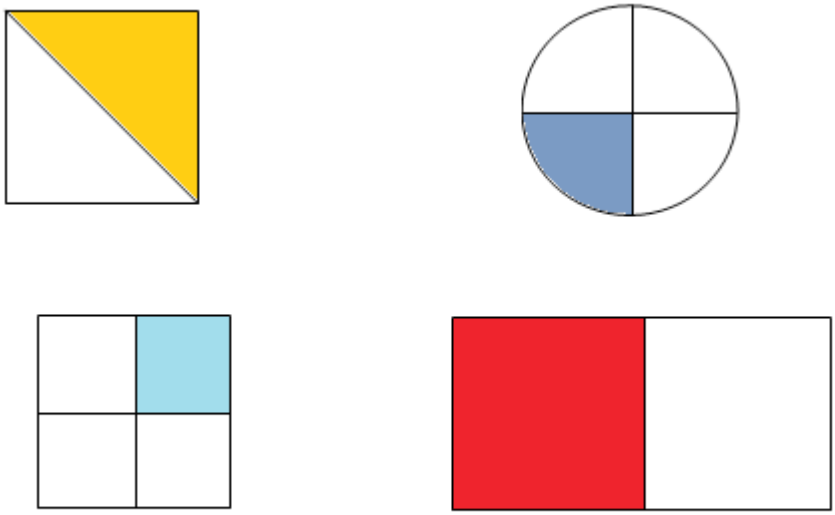
1 → Ikibara

4 → Ikita

Siga ibara umugabane $\frac{1}{4}$

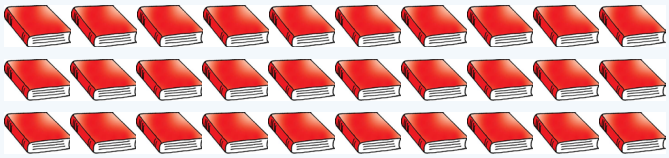
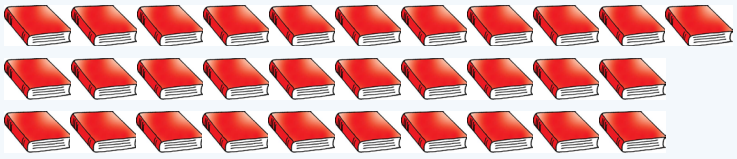


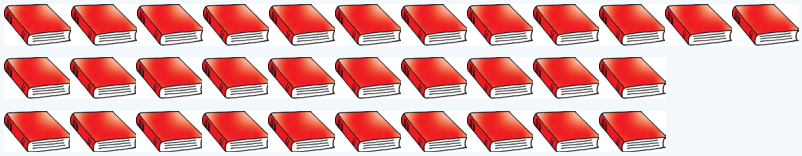
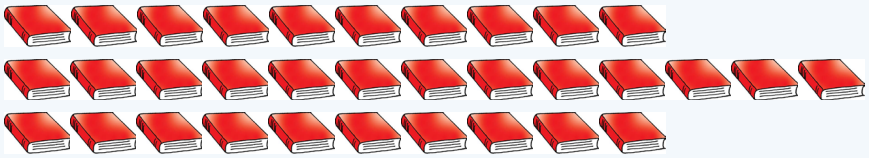
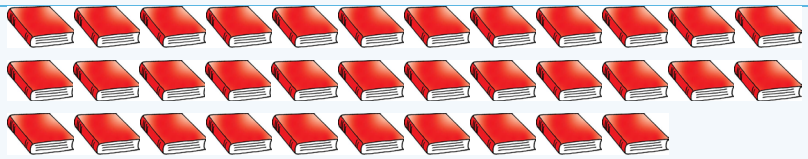
Vuga kandi wandike umugabane w'ahasize ibara



Urukurikirane rw'ibara

Itegereze ubare, wuzuze umibare ubura

	30
	.

	.
	.
	34

Itegereze urugero , wuzuze imibare ibura

1	2	3	4	5	6	7	8	9	10
11	12	…	…	15	16	…	…	…	20
21	…	23	…	…	…	…	28	…	30
31	…	…	…	…	…	…	…	39	40
41	42	43	44	45	…	…	…	…	50
51	52	53	54	55	…	…	…	…	…
61	…	…	…	…	…	…	…	…	70
71	…	…	…	75	…	…	…	…	80
…	82	…	84	…	…	87	…	…	…
91	…	…	…	…	…	…	…	…	100

Bara uteranya, wuzuze umubare ubura ahabugenewe

+2

1	2	3	4	5	6	7	8	9	10
3	4	5	6	.	.	.	.	.	.

+3

20	22	24	26	28	30	32	34	36	38	40
23	.	.		.	.	.	.	.	.	.

+...

20	25	30	35	40	45	50	55	60	65	70
25	30	35	40	45	50	55	60	65	70	75

Itegereze uko imibare ikurikirana, wuzuze imibare ibura mu tuzu

2	**4**	**...**	**8**	**...**	**...**	**14**	**16**	**...**	**20**
5	**8**	**11**	**...**	**17**	**20**	**...**	**...**	**29**	**32**
5	**10**	**...**	**20**	**...**	**30**	**35**	**...**	**...**	**50**
10	**20**	**30**	**40**	**...**	**...**	**...**	**...**	**...**	**100**

Itegereze ubare, wuzuze umubare ubura

	33
	32
	.
	.

Itegereze urugero , wuzuze imibare ibura

10	9	8	7	6	5	4	3	2	1
20	19	...	...	16	15	...	...	...	11
30	...	28	...	...	...	24	23	...	21
40	...	...	37	...	...	...	...	32	31
50	49	48	...	46	...	44	...	...	41
60	59	...	57	56	...	...	...	...	...
70	...	...	...	...	...	...	...	...	61
80	...	...	...	76	75	...	...	...	...
90	89	...	87	...	...	84	...	82	...
100	...	98	...	...	...	...	93	...	...

Bara ukuramo, wuzuze umubare ubura ahabugenewe

-10

20	30	40	50	60	70	80	90
10	.	.	.	50	.	.	.

-3

14	24	34	44	54	64	74	84	94
10	.	.	.	.	.	.	.	90

–...

14	24	34	44	54	64	74	84	94
10	.	.	.	.	.	.	.	90

-4

28	24	.	16	12	8	.
24	.	16	12	.	.	0

Itegereze uko imibare ikurikirana, wuzuze imibare ibura mu tuzu

30	29	28	27	…	…	24	…	…	21
40	38	36	…	32	30	…	…	24	22
50	47	…	41	38	…	32	29	…	23
60	55	…	45	…	35	…	25	…	15
90	…	70	…	…	40	30	…	…	0

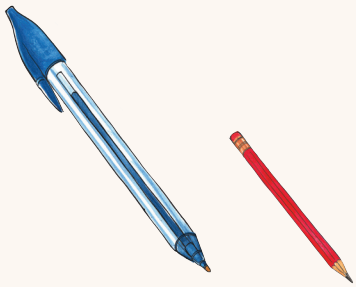
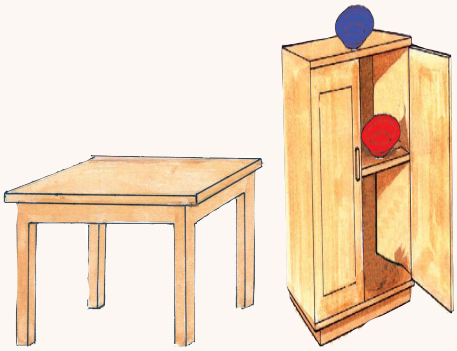
Gupima uburebure butarenze m10

Itegereze, uvuge ibirebire n'ibigufi

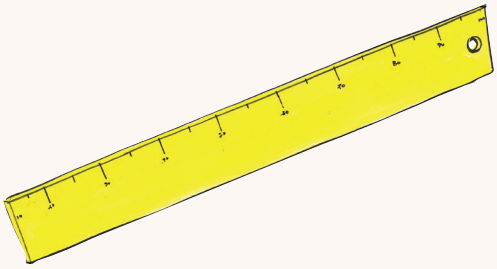
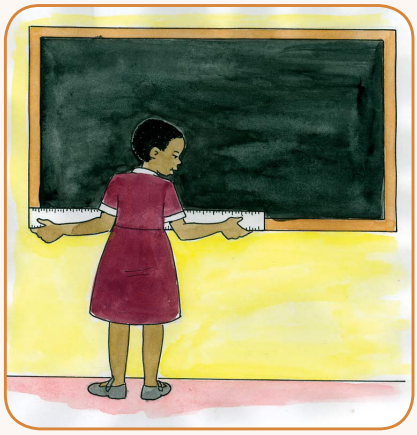
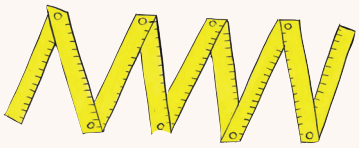
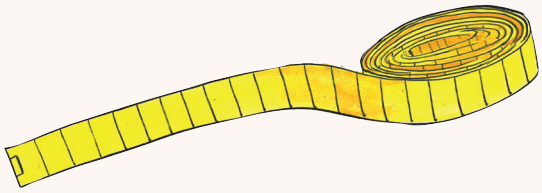
	Igiti ni kirekire Ikigori ni kigufi
	Etaje ni ndende Inzu ni .....

	mama ni ..... Karisa ni mugufi

Itegereze, wuzuze ibirebire n'ibigufi

	Ikaramu y'igiti ni..... Ikaramu y'ubururu ni ....
	Teremusi ni..... Itasi ni.....
	Ameza ni ..... Akabati ni .....

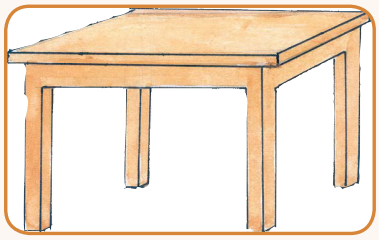
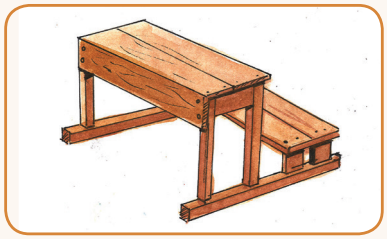
Vuga ibikoresho bipima uburebure

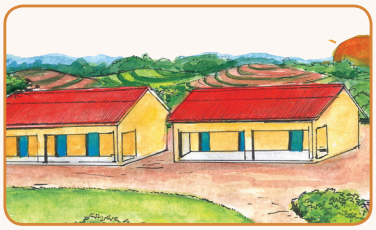
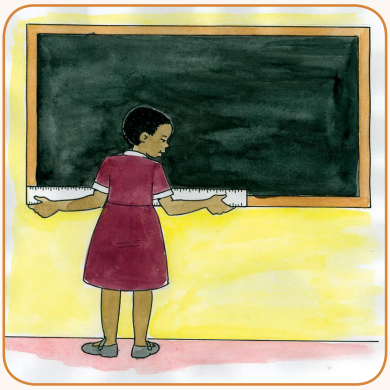
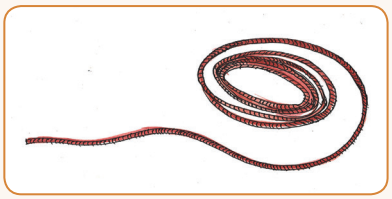
	
	
	

Itegereze urugero, usome, wuzuze ahabugenewe

bavuga	bandika
metero 1	**m 1**
metero 2	**m 2**
metero 3	**... 3**
metero 4	**m ...**
metero 5	**m ...**
metero 6	**m 6**
.....7	**m 7**
metero 8	**m 8**
..... 9	**m 9**
metero 10	**m ...**

Koresha imetero upime uburebure, uvuge metero ubonye

	Ameza afite **metero 1**
	Metero 1

	Metero 8
	Metero 6
	Metero 10

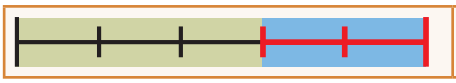
Uzuza na >, <, =

Urugero:

m 1 < m 2	m 4 > m 1

m 4 ☐ m 8	m 7 ☐ m 3	m 6 ☐ m 9
m 8 ☐ m 7	m 1 ☐ m 4	m10 ☐ m6
m10 ☐ m 4	m 6 ☐ m 6	m 5 ☐ m9

Reba urugero uteranye uburebure



m 3+m 2=m 5

m 1+ m 1= m ...

m 1+ m 2= m ...

m 3+ m 4= m ...

m 5+ m 5= m ...

m 2+ m 3= m ...

m 2+ m 4= m ...

m 1+ m 5= m ...

m 6 + m 3= m ...

m 8+ m 2= m ...

m 3+ m 5= m ...

m 5+ m 4= m ...

m 7+ m 3= m ...

m 2+ m 5= m ...

m 6 + m 3= m ...

Kora amahurizo

Keza akeneye m4 zo kudodamo amakabutura na m5 zo kudodamo amakanzu.
Keza azagura m zingahe?

Samusoni yateye ibiti kuri m6. Simoni yari yateye ibiti kuri m3
Vuga uburebure bose bateyeho ibiti.

Abimana yahaye kaneza umugozi wa m4, aha na Kamariza umugozi wa m2.
Vuga m z'umugozi Abimana yabahaye.

Fata umugozi wa m2 uhuze n'undi wa m6.
Umugozi wose urahita ureshya ute?

Reba urugero ukuremo uburebure

	m 4- m 1= m 3

m 4- m 1= m ...
m 7- m 2= m ...
m 5- m 5= m ...
m 6- m 3= m ...
m 8- m 4= m ...
m 9- m 1= m ...

m 5- m 4= m ...
m 7- m 3= m ...
m 4- m 4= m ...

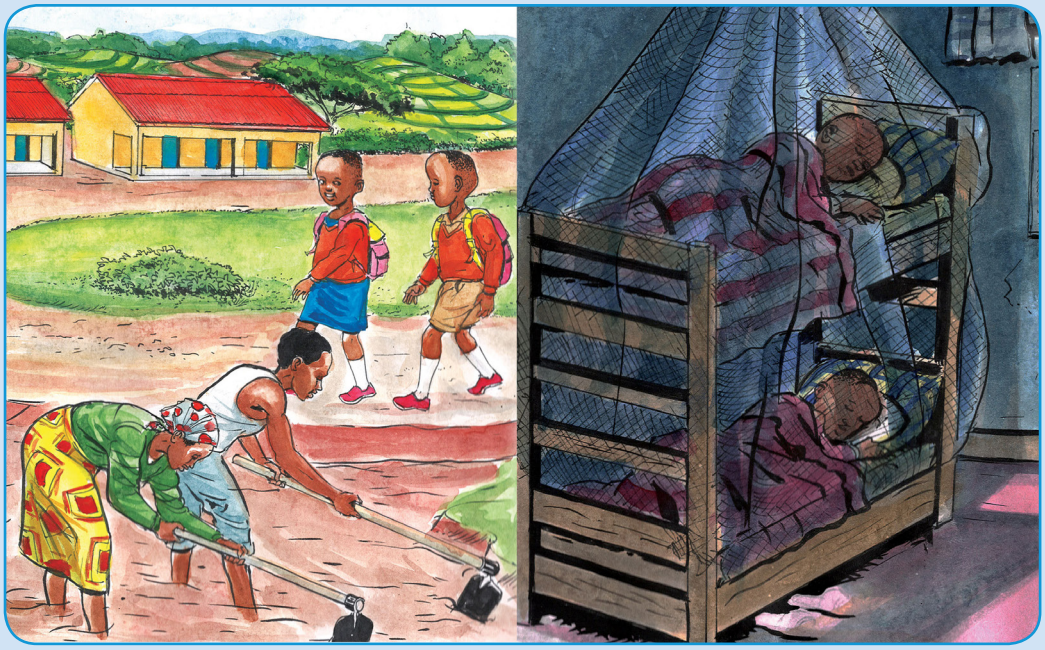
Kora amahurizo

Ku ishuri baradusaba gutera ibiti kuri m5, tumaze gutera ibiti kuri m3,
dusigaje gutera ibiti kuri m zingahe?

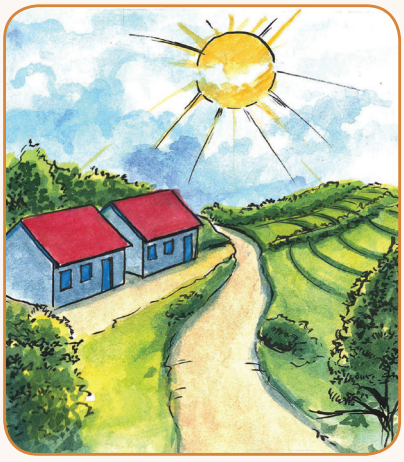
Imodoka ikora umuhanda, izakora m10, imodoka imaze gukora m9 z'umuhanda.
Vuga m imdooko isigaje gukora.

Yohana yateye ibiti ku muhanda wa m9. Ibiti biteye kuri m6 biramera
Ibiti bitameze biteye kuri m zingahe?

Ibice by'ingenzi bigize umunsi



Itegereze, amafoto uvuge ibiriho n'igihe bibera.



Itegereze, usome agakuru, usobanure ibiri kuba

Mugitondo

Yohana agiye ku ishuri
Mariya agiye gukaraba.

Saa sita

Yohana na Mariya bavuye ku ishuri.

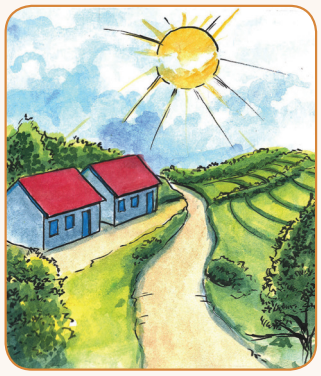
Nimugoroba

Yohani na Mariya barimo gusubira mu masomo. Papa wabo arabasobanurira.

Nijoro

Yohani na Kagabo bararasinziriye.

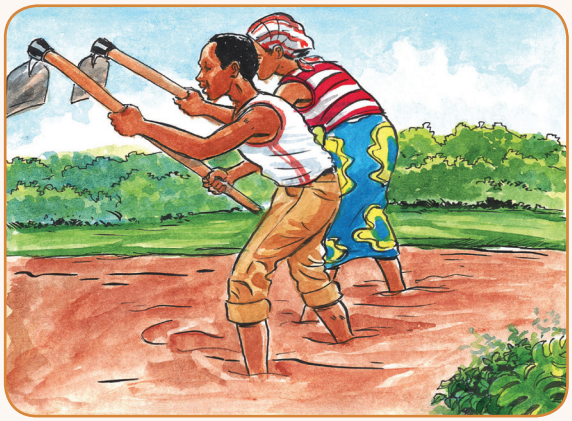
Huza ibifitanye isano

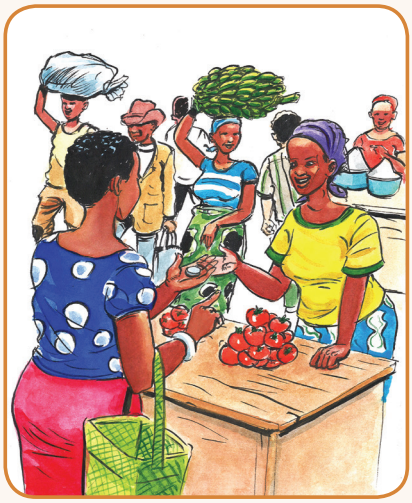
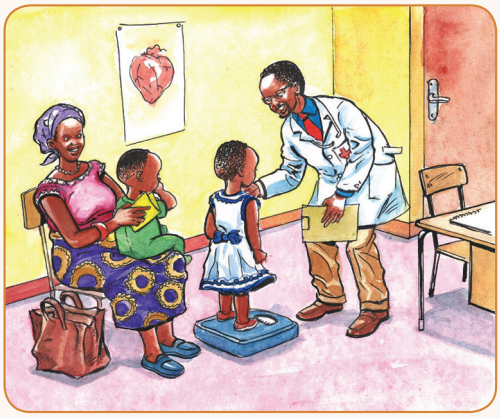
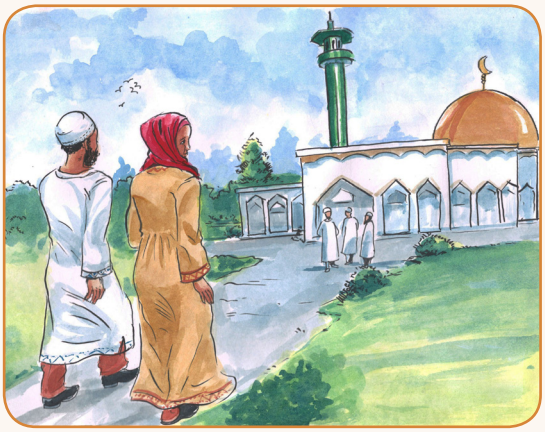
	Ijoro rirageze.
	Saa sita izuba riracanye.
	Mugitondo izuba rirarashe.
	Nimugoroba izuba rirarenze.

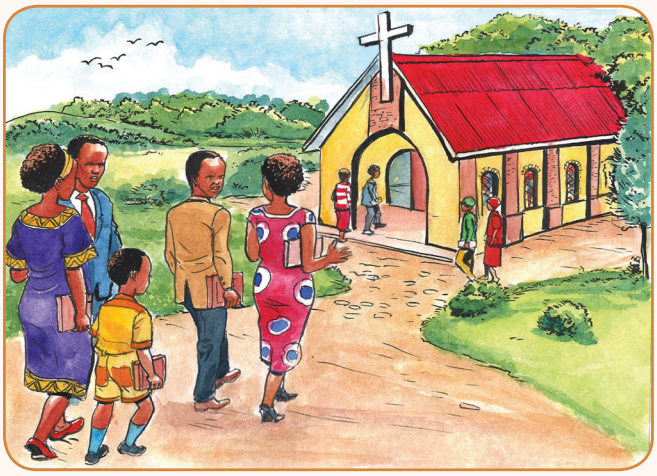
Subiza ibibazo bikurikira

Vuga imirimo bakora mugitondo	Vuga ibiranga igitondo
Vuga imirimo bakora saa sita	Vuga ibiranga saa sita
Vuga imirimo bakora nimugoroba	Vuga ibiranga umugoroba
Vuga imirimo bakora nijoro	Vuga ibiranga ijoro

Itegereze amafoto uvuge imirimo ya buri munsi w'icyumweru

Ku wa mbere	
Ku wa kabiri	

Ku wa gatatu	
Ku wa kane	
Ku wa gatanu	

Ku wa gatandatu	
Ku cyumweru	

Vuga imirimo 3 ukora buri munsi

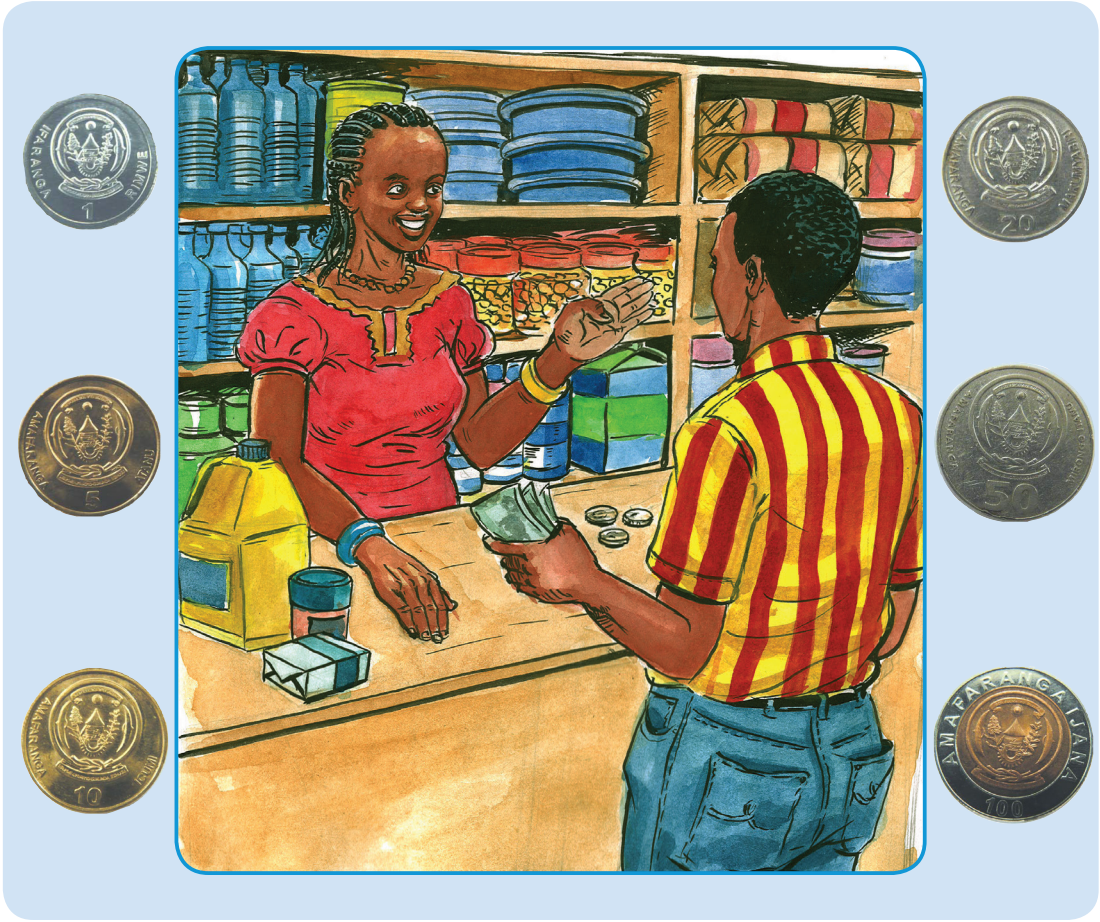
Hitamo imirimo ukora muri iyi ikurikira

- Gukina
- Gusoma agatabo k'udukuru
- Koza amasahane
- Kuvoma
- Kuragira amatungo
- Kureba televiziyo
- Koga

- Kumesa
- Gusubiramo amasomo
- Gusenga

Vuga imirimo 5 ukora buri munsi uhereye kuwa mbere ukagera ku cyumweru.

Amafaranga y'u Rwanda kuva ku F1 kugera ku F100



Itegereze ibiceri, uvuge agaciro k'amafaranga

Amafaranga	Agaciro k'amafaranga
F1	Ifaranga 1
F5	Amafaranga 5

F10	Amafaranga 10
F20	Amafaranga 20
F50	, Amafaranga 50
F100	Amafaranga 100

Itegereze ibiceri, uvuge ibiranga buri giceri

Ibiceri	Ibiranga igiceri
	-Ibara ni feza -Agashami k'ingano - Ikirangantego
	-Ibara ni umuringa -Agashami k'ikawa - Ikirangantego

	-Ibara ni umuringa -Igitoki - Ikirangantego
	-Ibara ni feza -Agashami k'icyayi - Ikirangantego
	-Ibara ni feza -Ikigori - Ikirangantego
	-Ibara ni umuringa na feza. -Umubare 100 - Ikirangantego

Vuga umubare w'ibiceri

Igiceri 1	Ibiceri 5
Igiceri 1	Ibiceri 10
Igiceri 1	Ibiceri 2
Igiceri 1	Ibiceri 4
Igiceri 1	Ibiceri 2
Igiceri 1	Ibiceri 10

Igiceri 1

Ibiceri 5

Igiceri 1

Igiceri 1

Ibiceri 10

Igiceri 1

Ibiceri 5

Igiceri 1

Ibiceri 2

Itegereze urugero uteranye amafaranga.

F5 + F5 = F10

5
+5
10

F10 + F10 = F20

10
+10
20

F1 +F1= F ...

F1 +F5= F ...

F15 + F5= F ...

F5 + F10= F ...

F20 + F5= F ...

F 20 + F 10 = F ...

F 50 +F 5 = F ...

F 10 + F 50 = F ...

F 50 + F 50 = F ...

F 50 + F 1 = F ...

F20 + F1 = F ...

F20 + F20 = F ...

F10 + F ... = F20

F ... +F5=F10

F50=F20+F20+F ...

F100 = F50+ F ...

Itegereze urugero ukuremo amafaranga.

F10 - F5 = F5

10
- 5
5

F20 - F10 = F10

20
- 10
10

F 50 - F 10 = F ...

F 50 - F 20 = F ...

F 100 - F 50= F ...

F 100 - F 10 = F ...

F 50 - F 5 = F ...

F 20 – F 5 = F ...

F 100–F20 = F ...

F 40 - F 10 = F ...

Anita afite ibiceri 2.

Anita afite amafaranga angahe?

Mutesi yari afite F100, agura ikaramu y'igiti ku F50
Mutesi asigaranye F angahe?

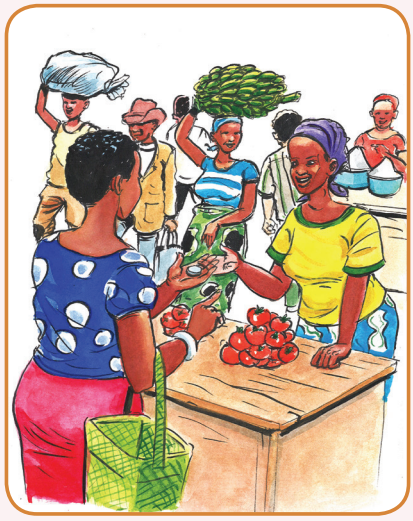
Kofi yari afite F100, agura imineke ya F20, arongera agura ipaki y'ibisuguti ku F50.
Kofi bamugaruriye F angahe?

Uwimana yari afite F100, ayaha umucuruzi muri butiki agura imineke ya F20, arongera agura ipaki y'ibisuguti ku F50,arongera agura ikibiriti ku F20.
Uwimana yakoresheje F angahe?

Umucuruzi yagaruriye Uwimana F angahe?

Itegereze aya mashusho, uvuge akamaro k'amafaranga.

Karire aguze.....

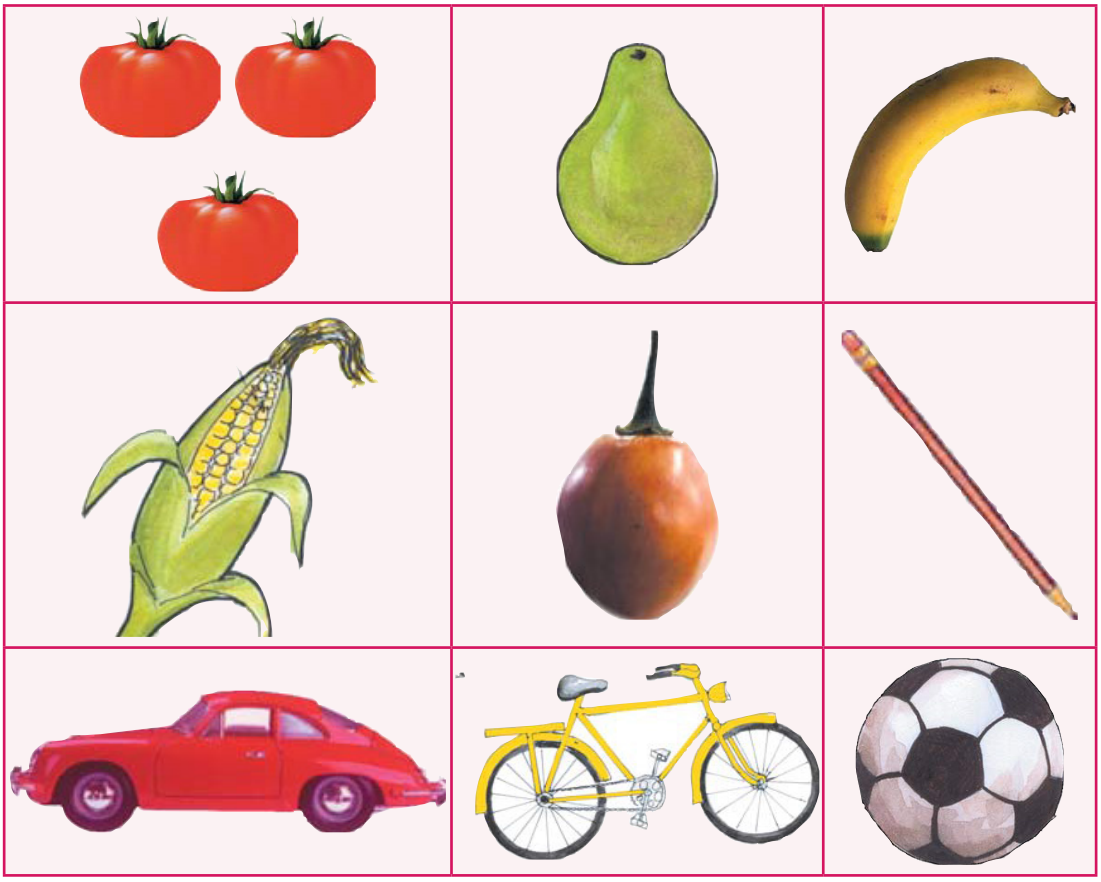


Mama ari kugura.....

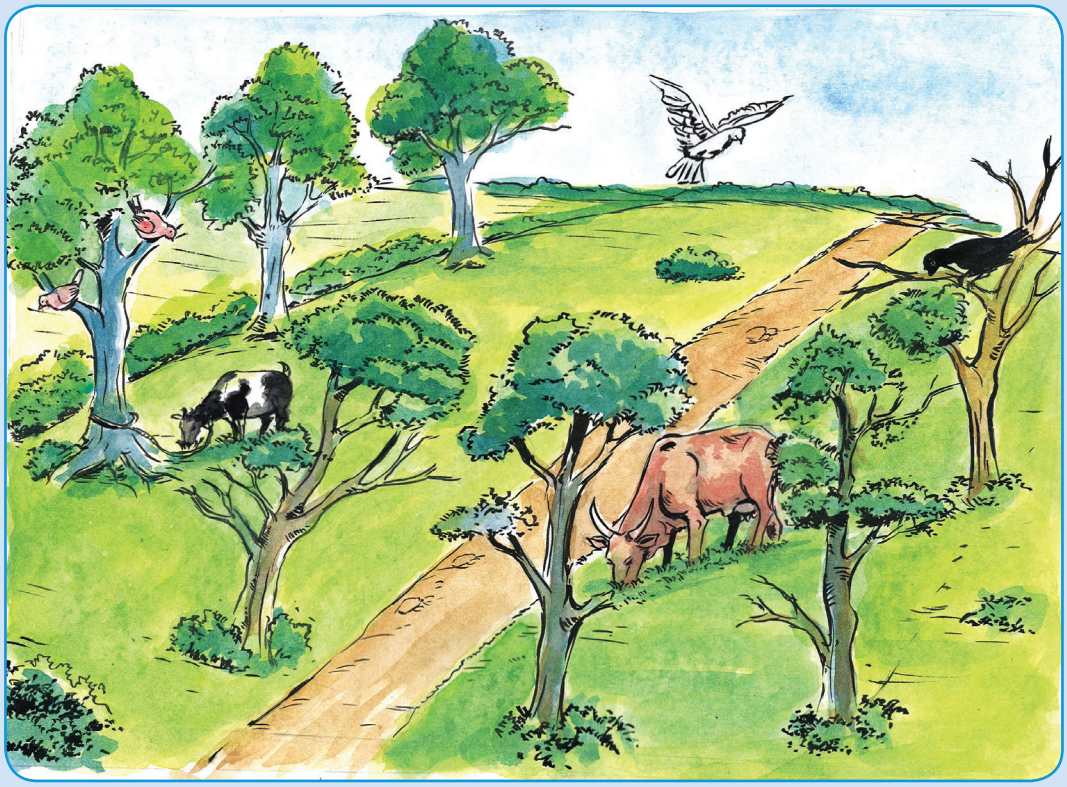
Feza aguze.....

Kabera aguze.....

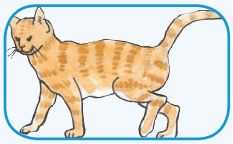
Ufite F100 n'iki wagura muri ibi bikurikira?



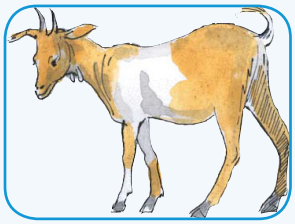
Kuranga aho ibintu biherereye n'imirongo



Vuga aho ibintu biherereye (Imbere, Hagati, Inyuma)

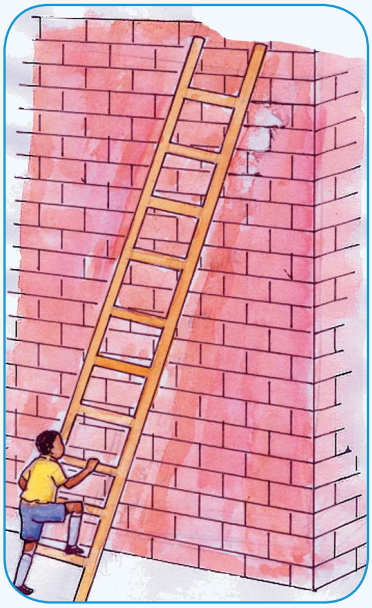


Ipusi iherereye he?

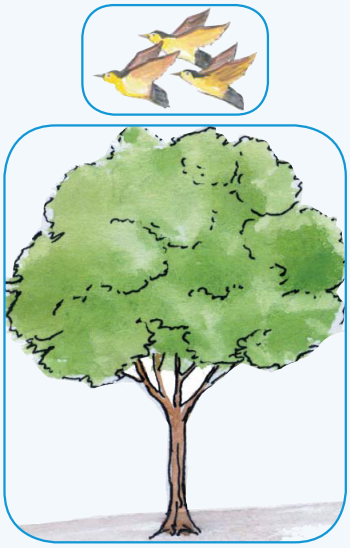


Ihene iri hagati

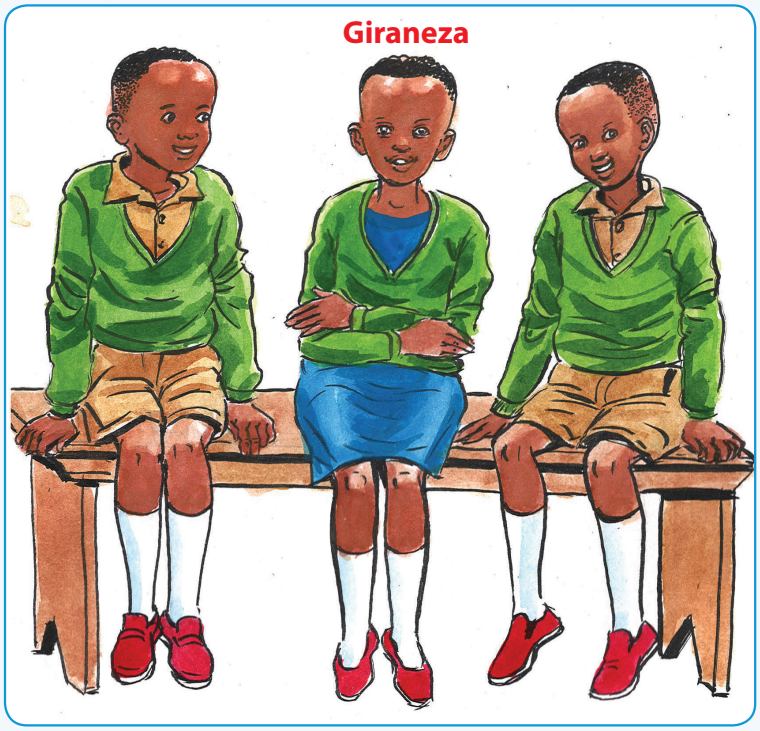
Isake iherereye he?



Kabarisa aherereye he?

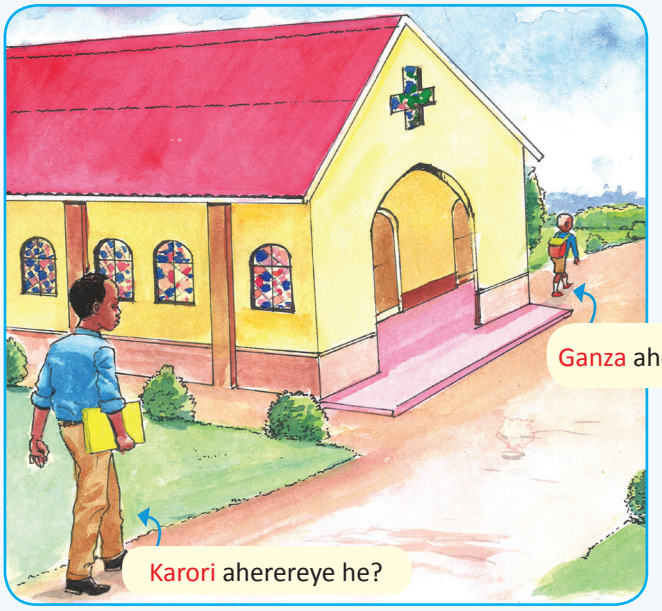


Inyoni ziri ...

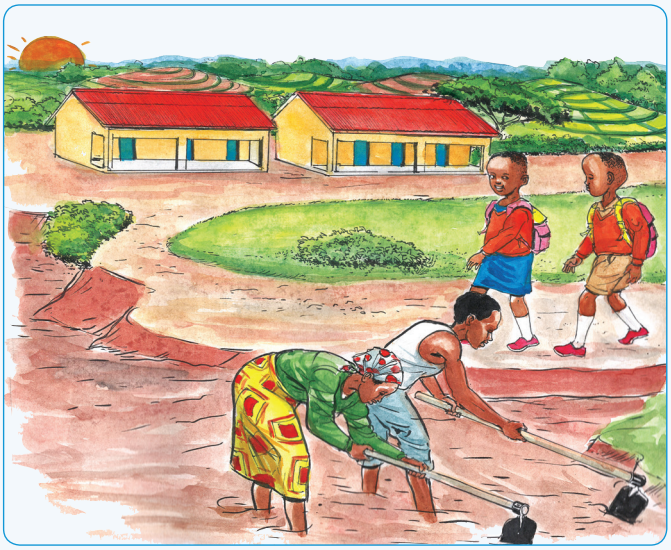


Muneza ari..... Giraneza ari..... Kaneza ari .....

Itegereze uru rusengero , Karori na Ganza maze usubize ibibazo biri hasi

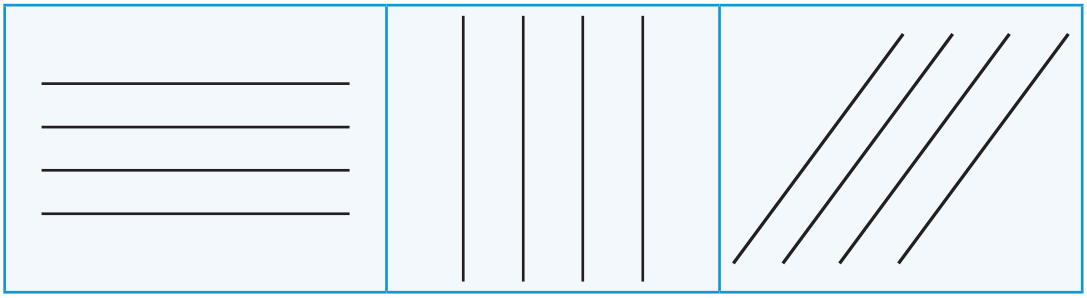


Uzuza na: Haruguru, hepho, mu.

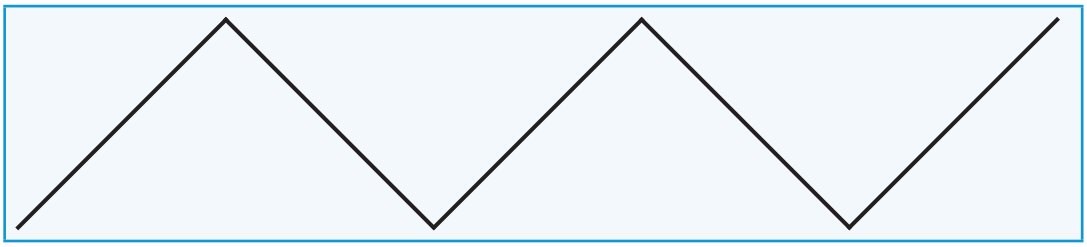


Abana bari ..... muhanda
Papa na mama bari..... y'umuhanda
Amazu ari ..... y'umuhanda

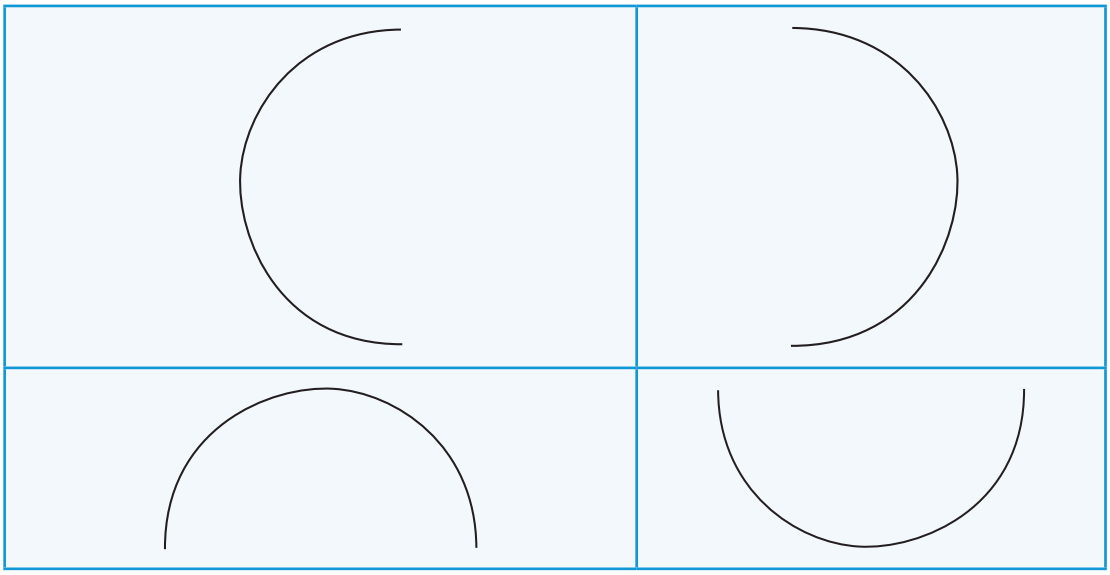
Itegereze iyi mirongo igororotse maze uyigane



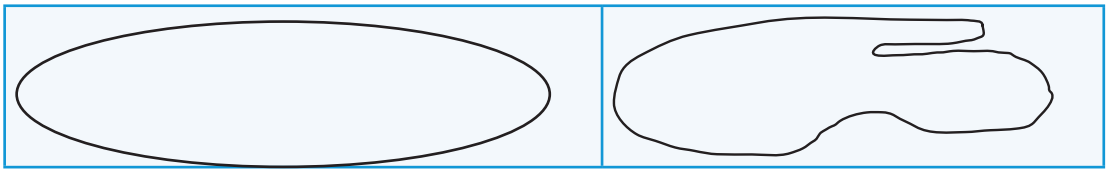
Itegereze uyu murongo uvunaguye maze uwigane



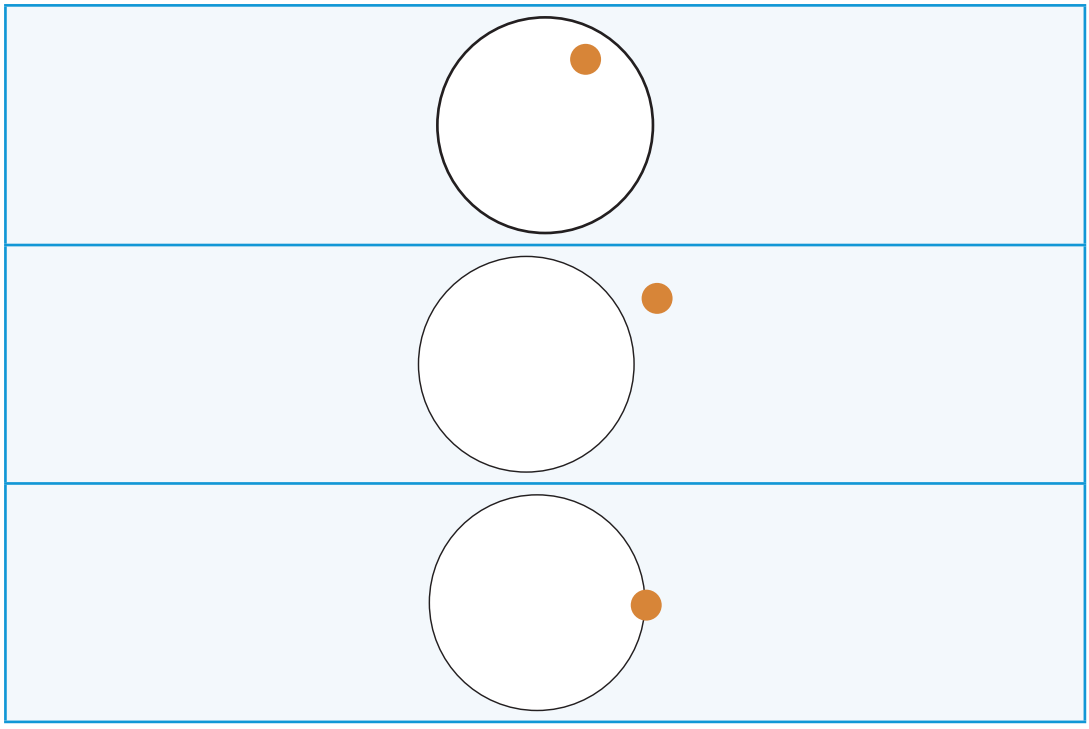
Itegereze iyi mirongo ihese maze uyigane



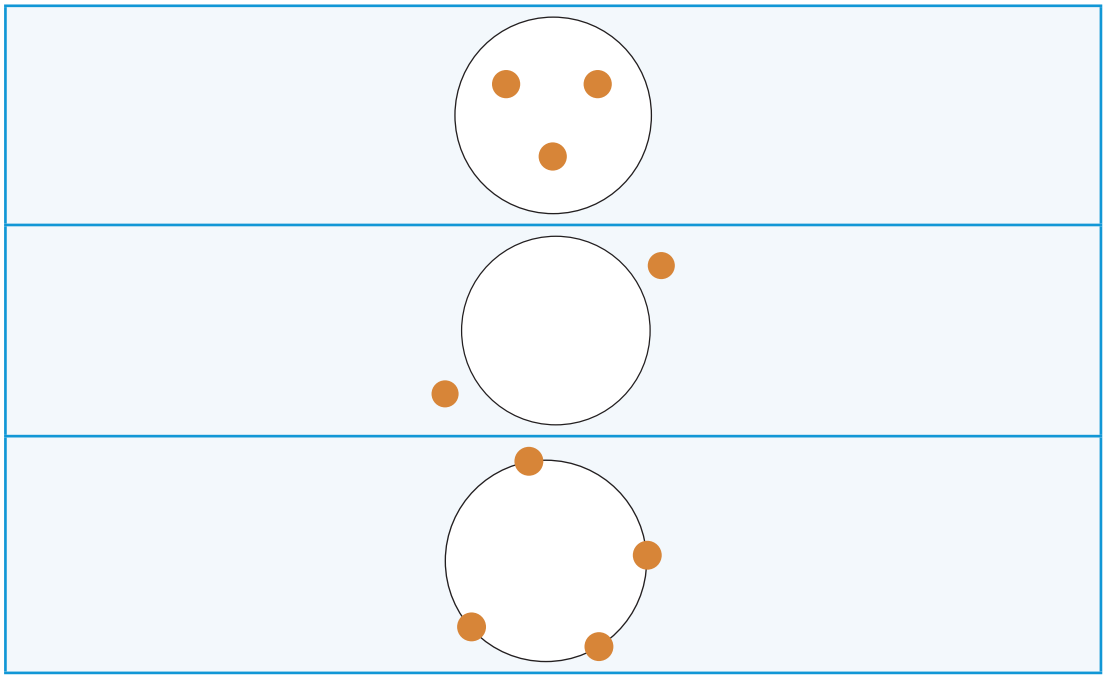
Itegereze iyi mirongo ifunze maze uyigane



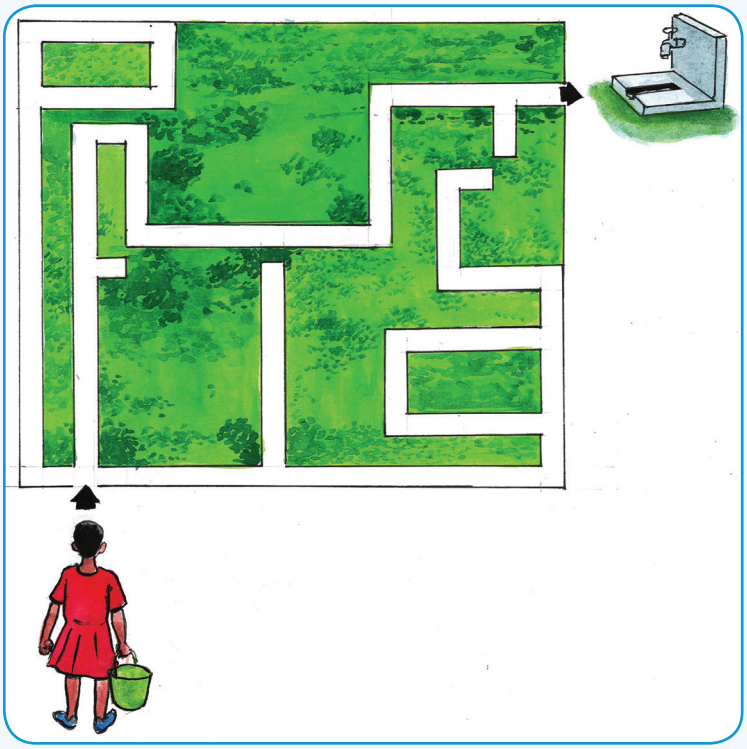
Itegereze aho utudomo duherereye



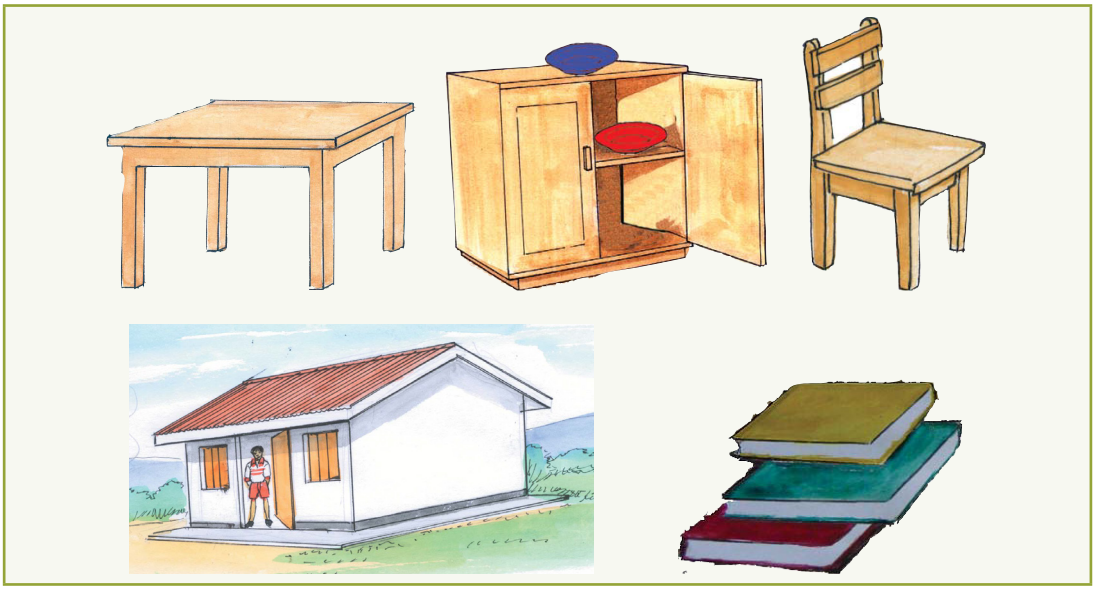
Vuga aho utudomo duherereye



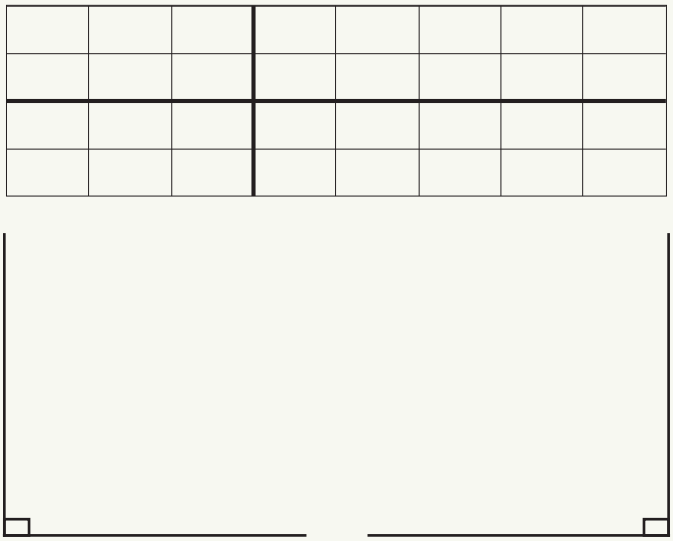
Imfuruka igororotse, Kare n' Urukiramende.



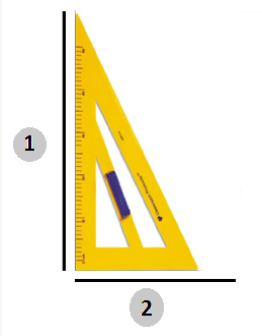
Itegereze, werekane imirongo igororotse itambitse, imirongo igororotse ihagaze, n'aho ihurira.

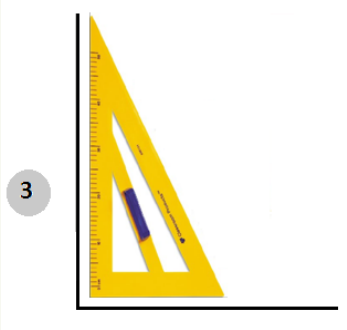


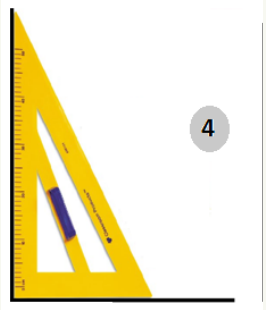
Itegereze, werekane imirongo igororotse itambitse, imirongo igororotse ihagaze, n'aho ihurira.

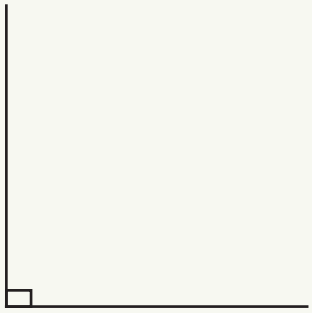


Itegereze uko bashushanya imfuruka igororotse maze ubikurikize.

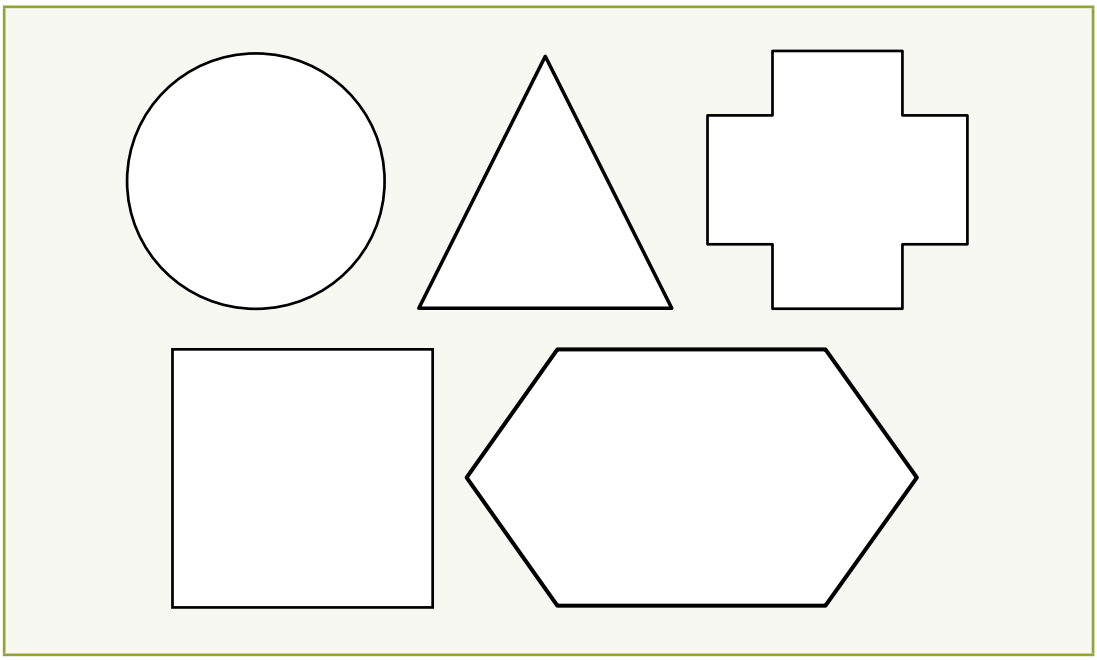




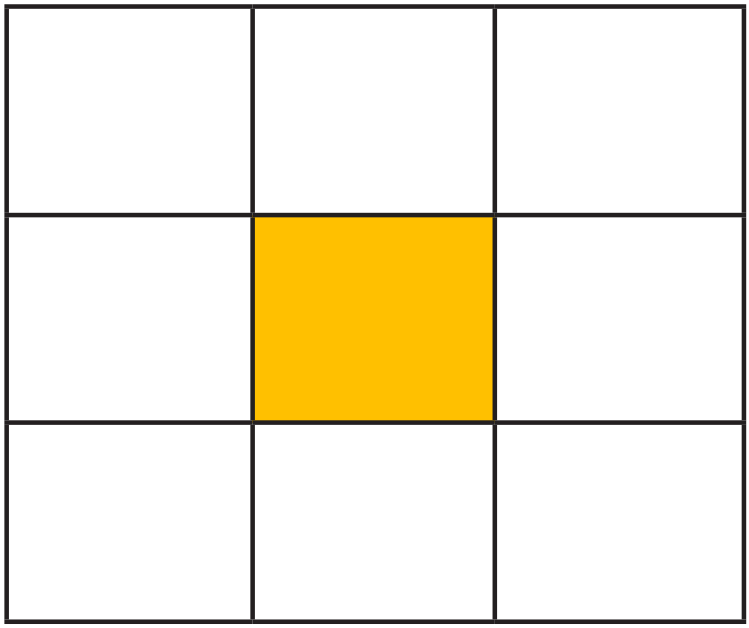




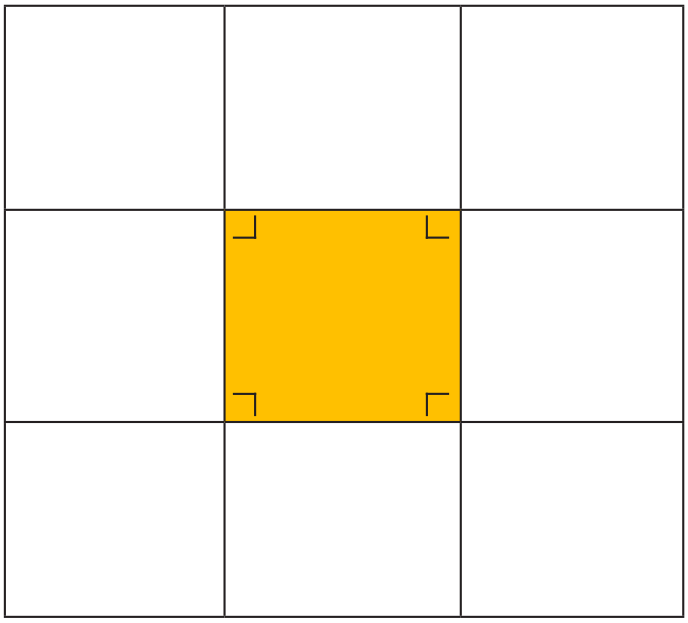
Itegereze amashusho, uvuge ishusho ifite ibihande 4.



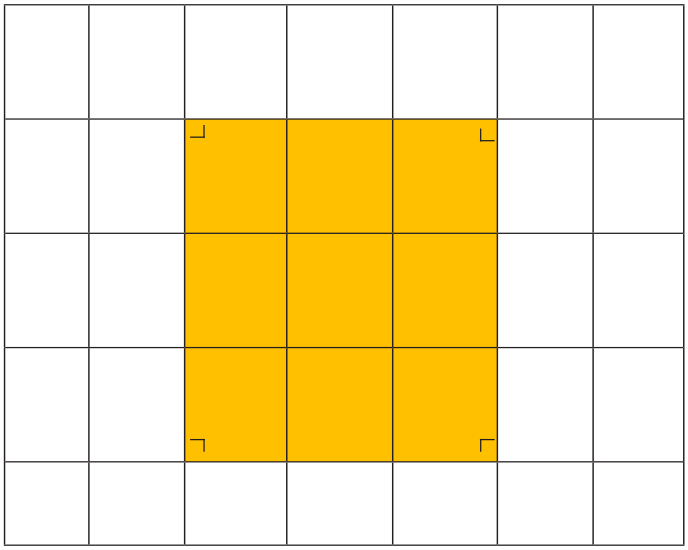
Itegereze, werekane impande z'ishusho risize ibara



Itegereze, werekane imfuruka z'ishusho risize ibara



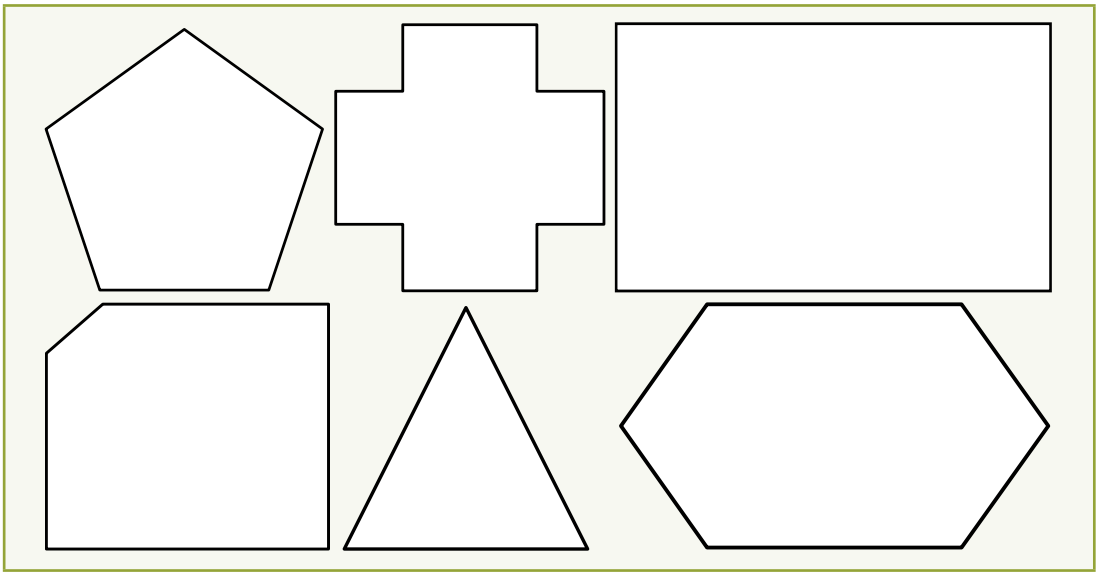
Itegereze iyi shusho usubibize ibibazo



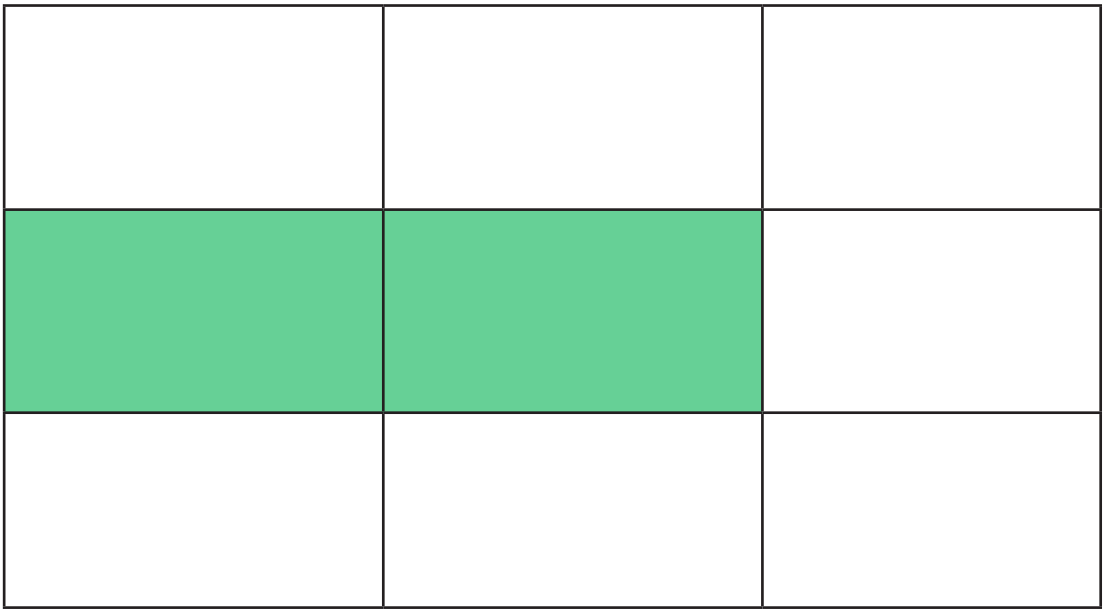
Vuga umubare w'utuzu tugize buri ruhande kuri iyi shusho.

Vuga umubare w'imfuruka zigize iyi shusho n'uko zimeze.

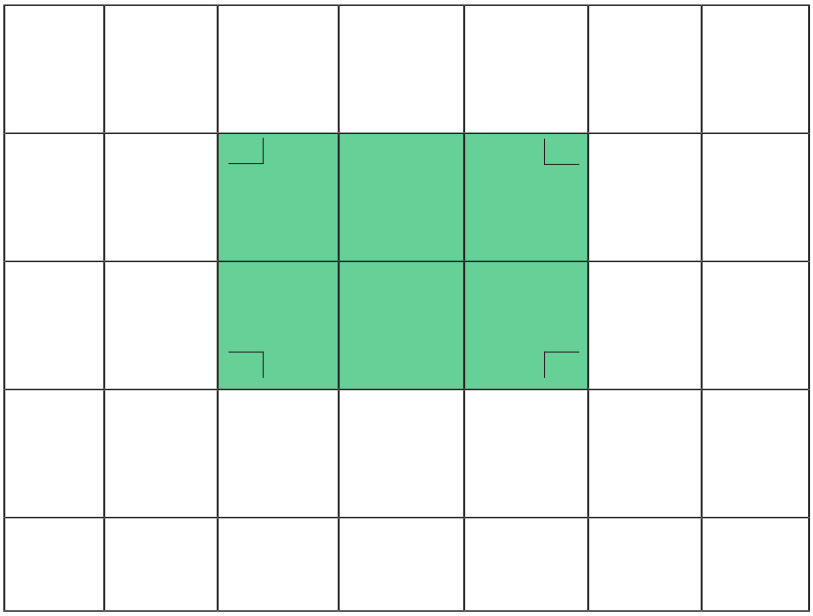
Itegereze amashusho, uvuge ishusho ifite ibihande 4.



Itegereze, werekane impande z'ishusho risize ibara



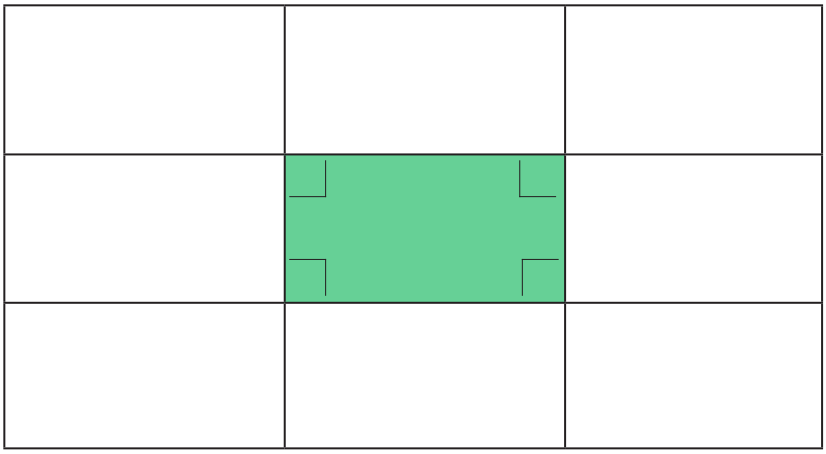
Itegereze iyi shusho usubibize ibibazo



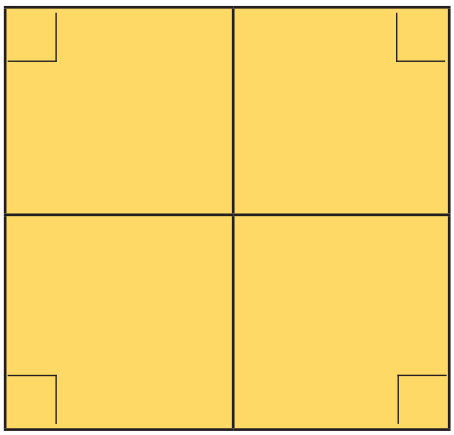
Vuga umubare w'utuzu tugize buri ruhande kuri iyi shusho.

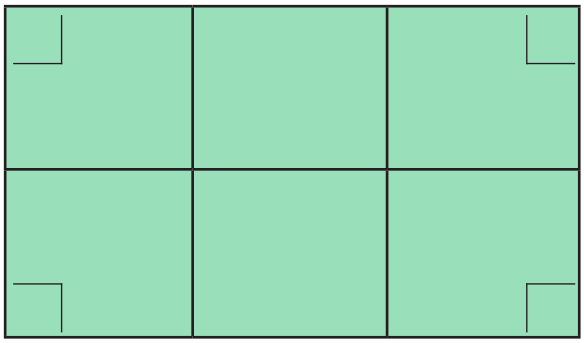
Vuga umubare w'imfuruka zigize iyi shusho n'uko zimeze.

Itegereze, werekane imfuruka z'ishusho risize ibara.



Igana aya mashusho





Kora ibibazo bikurikira

Erekana mu ikaye yawe kare ifite utuzu 4 kuri buri ruhande.
Shushanya urukiramende rufite utuzu 3 ku ruhande rumwe, n'utuzu 4 ku rundi ruhande.
Vuga amazina y'ibintu uzi biteye nk'urukiramende.

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