

Rainbow WORKBOOKS
MATHEMATICS IN SETSWANA
GRADE 3 – BOOK 1
TERMS 1 & 2
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Diteng

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|-----|--|-----|
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Mme Angie Motshekga,
Tonakgolo ya Thutotheo



Rre Enver Surty,
Motlatsatonakgolo ya Thutotheo

Dibukatiro tse di kwaletswe barutwana ba Afrikaborwa ka fa tlase ga boeteledipele jwa ga Tonakgolo ya Lefapha la Thutotheo. Mme Angie Motshekga le Motlatsatonakgolo ya Lefapha la Thutotheo, Rre Enver Surty.

Dibukatiro tsa Rainbow ke karolo ya maiteko a mangwe a Lefapha la Thutotheo a a ikaeletsweng go tokafatsa bokgoni jwa barutwana kgotsa baithuti ba Afrikaborwa mo mephatong e merataro ya ntlha. Jaaka e le sengwe sa dilo tse di kwa godimo mo Lenaneotirong la Mmuso, porojeke e e etleediwa ke Letlotlo la Semmuso. Se se kgontshitse Lefapha go kwala dibukatiro tse ka dipuo tsotlhe tsa semmuso, mme ga di duelelwae.

Re solo fela gore dibukatiro tse di tlala tswela barutabana mosola mo go ruteng ga bona ga letsatsi le letsatsi, le mo go netefatseng gore barutwana ba digela kharikhulamo ya bona. Re netefaditse gore re kaela morutabana sentle mo tirong nngwe le nngwe ka go tsenyeletsa mesupatsela go bontsha gore ke eng se morutwana a tshwanetseng go se dira.

Re solo fela gore bona ba tlala itumelela go dira mo bukeng e fa ba ntse ba gola e bile ba ithuta, le gore wena jaaka morutabana, o tlala abelana le bona boitumelo jwa bona.

Re go eleletsa katlego e kgolo mo tirisong ya dibukatiro tse. Wena le barutwana ba gago.



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Mophato 3



Matesiisi KA SETSWANA

Buka e, ke ya ga:



SETSWANA

Buka
I



Letlha:

.....

Kgweditsharo |



Ke dinaledi di le kae?

Bapanya dikarabo.



Fopholetsa gore ke dinaledi di le kae. _____

Jaanong di bale. _____



Batla mofenyi!

Ke mang yo o fopholeditseng sentle?

Tlatsa maina a lona le dikarabo mo lenaneong le.

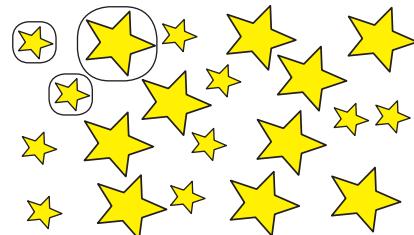
| | | | | |
|---|--|--|--|--|
| Leina | | | | |
| Fopholetsa | | | | |
| Palo e e badilweng | | | | |
| Pharologano magareng ga phopholetso ya gago le palo ya gago | | | | |



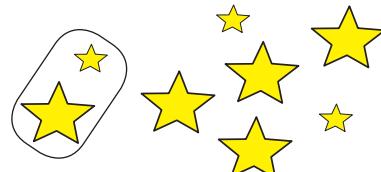
Ditsela tsa go bala. Re thusé go e kwala.



Ke badile
I ka I.



I, 2, 3, _____



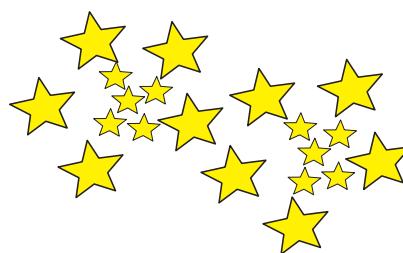
Ke badile
ka bo2.



Ke badile
ka bo5.



5, _____



Morago
ka bol0.



Kwala dipolelopalo

Bala palogotlhe ya dinaledi
tse dikgolo le tse dinnye mo setshwantshong se se mo
tsebeng ya 2. Di kwale ka mekgwa e mebedi.

Fa o tlhakanya dipalo
dingwe le dingwe tse pedi
ga go kgathalesege gore
tatelano ya tsona ke efe.

Kgolo nnye jaana

$$\star + \star = \underline{\quad}$$

le jaaka polelopalo.

kgotsa

jaana

$$\star + \star = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad} \quad \text{kgotsa} \quad \underline{\quad} + \underline{\quad} = \underline{\quad}$$



11 12 13 14 15 16 17 18 19 20

2



Letlha:

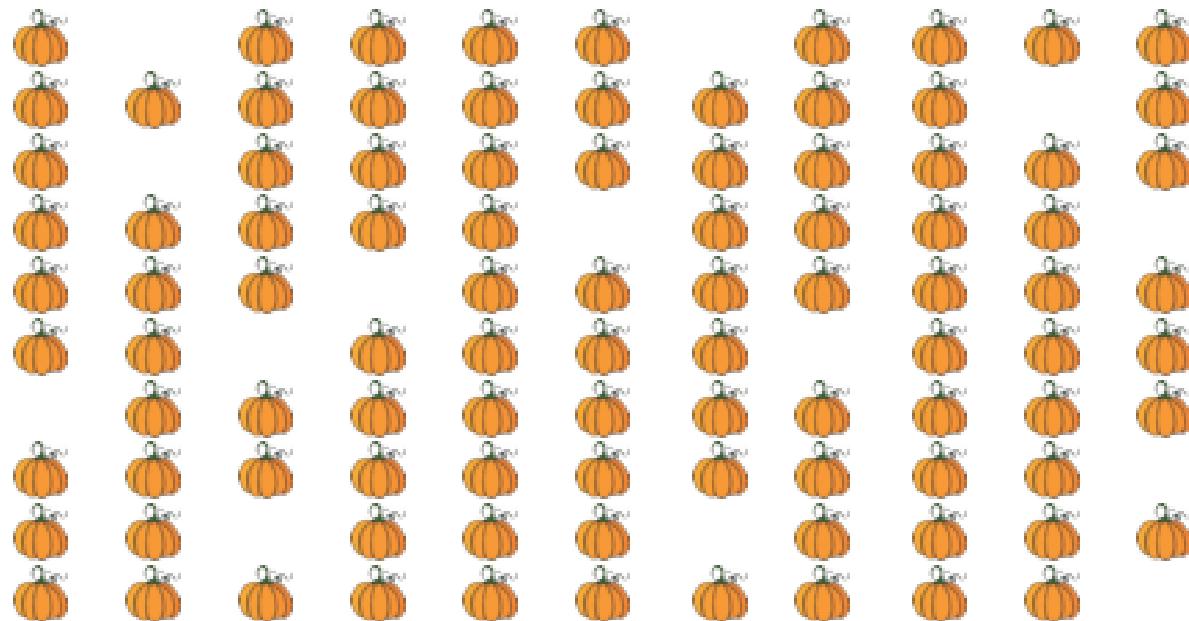
Kgweditlharo |



Go bala go go botlhale

Bala maphutshe

Batla tsela e e bonolo ya go a bala!



Karabo: _____



Go paka maphutshe

Maphutshe a le lesome a tsena mo kgetseng e le nngwe.



O kgona go tlasa dikgetse di le kae ka maphutshe? _____

Ke maphutshe a le makae go feta? _____

Ke maphutshe a le makae a a tlhokegang gape go tlatsa kgetse
e le nngwe gape? _____



Go tswa go + go ya go \times (tlhakanya go ya go katiso)

Feleletsa dipolelopalo.

Sekao:

$$10 + 10 + 10 + 10 = 40 \Rightarrow 4 \text{ setlhophpha tsa } 10 = 40 \Rightarrow 4 \times 10 = 40$$



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

$$\underline{\hspace{2cm}} \text{ ditlhophpha tsa } 10 = \underline{\hspace{2cm}} \Rightarrow \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

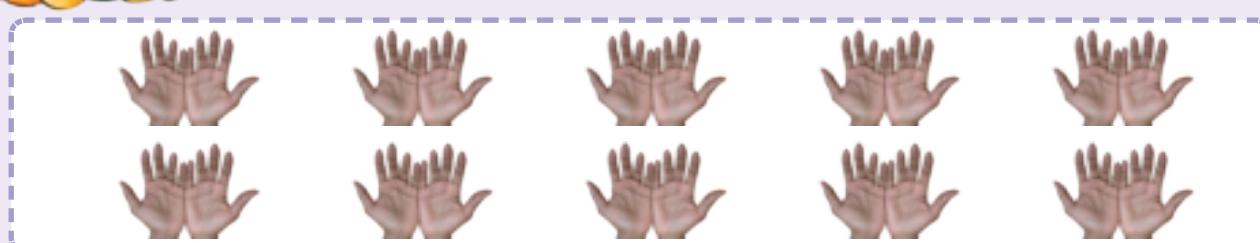


b. $10 + 10 + 10 + 10 + 10 + 10 + 10 = \underline{\hspace{2cm}}$

$$\underline{\hspace{2cm}} \text{ ditlhophpha tsa } 10 = \underline{\hspace{2cm}} \Rightarrow \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



Diatla le menwana



Diatla di le kae? _____ Menwana e le mekae? _____

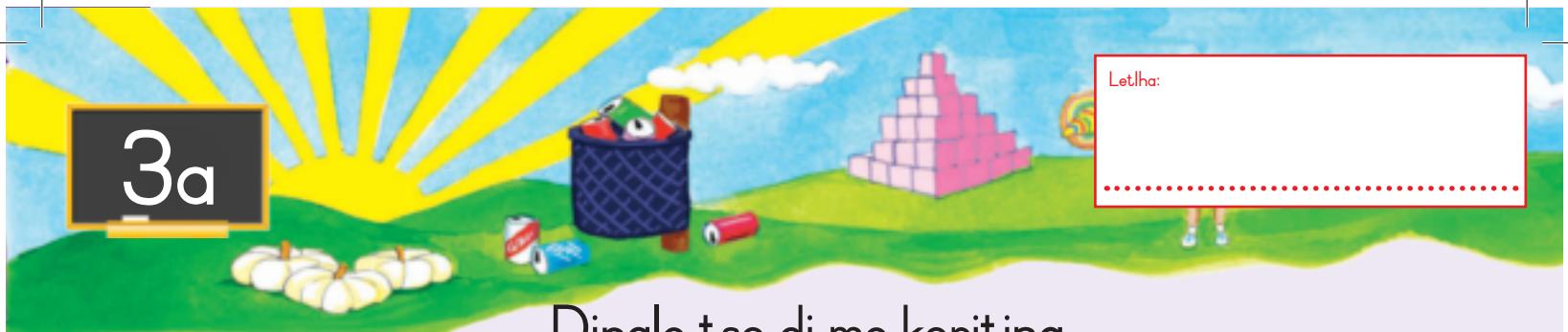
Kwala karabo ya gago ka ditsela di le 2.

$$\underline{\hspace{2cm}} \text{ ditlhophpha tsa } 10 = \underline{\hspace{2cm}} \text{ le } \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



11 12 13 14 15 16 17 18 19 20

3a



Letihā:

Kgweditharo |



Dipalo tse di buang

Bala mme o bue dipalo tsotlhe go tswa go 1 – 100. Supa fa o ntse o ya.

| | | | | | | | | | |
|----|---|---|----|----|----|----|---|---|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | | 8 | 9 | 10 |
| II | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | 27 | | | |
| | | | | 34 | | | | | |
| 41 | | | | | | | | | |
| | | | | | 55 | | | | |
| | | | 63 | | | | | | |
| 71 | | | | | | | | | |
| | | | | | | 86 | | | |
| | | | | 94 | | | | | 100 |



- Kwala nomore e e tlhaelang mo bolokong bo bongwe le bo bongwe jo bo botala jwa legodimo.
- Kwala dinomore tse dingwe.
- Dipalo tse di serolwana ke dipalo tsa mofuta mang?



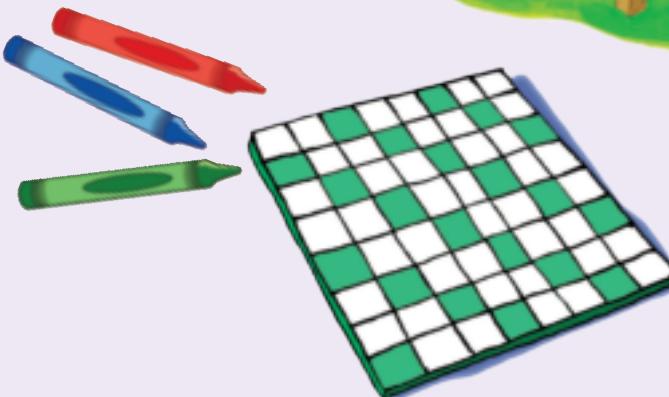
Kwala dipalo ka mafoko

| | | | |
|----|-----------------|----|--|
| 90 | masomearobongwe | 41 | |
| 77 | | 56 | |
| 14 | | 65 | |



Go bala le go khalara

Ipaakanyetse go bala mmala!



| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|-----|
| I | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| II | I2 | I3 | I4 | I5 | I6 | I7 | I8 | I9 | I0 |
| 2I | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 3I | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 4I | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 5I | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 6I | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 7I | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 8I | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 9I | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|-----|
| I | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| II | I2 | I3 | I4 | I5 | I6 | I7 | I8 | I9 | I0 |
| 2I | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 3I | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 4I | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 5I | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 6I | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 7I | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 8I | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 9I | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|-----|
| I | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| II | I2 | I3 | I4 | I5 | I6 | I7 | I8 | I9 | I0 |
| 2I | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 3I | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 4I | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 5I | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 6I | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 7I | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 8I | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 9I | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

Bala o bo o khurumetsa
bo10.

Bala le go khurumetsa bo5
go tswa go 0 – 100.

Bala o bo o khurumetsa
bo2.

Bala ka bo10 go tswa
go 10 go ya go 100.

Bala ka bo5 go tswa
go 5 go ya go 100.

Bala ka bo2 go tswa
go 2 go ya go 100.

Kwala bo10 go ya go 100.

Kwala bo5 go ya go 80.

Kwala bo2 go ya go 50.



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

3b

Letlhah:

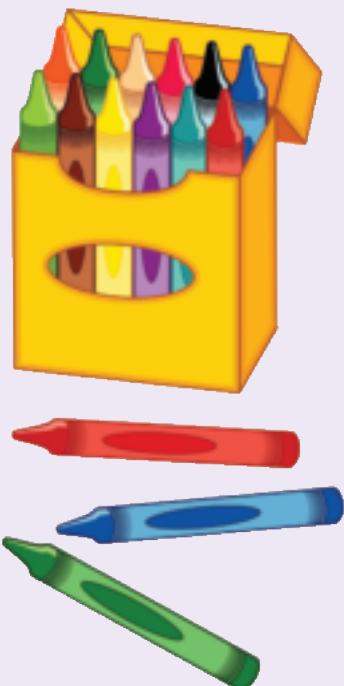
Kgveditharo |

Dipalo tse di mo keriting (tsweletso)



Batla dipaterone

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



Tshwaya bo10 botlhe.

Tshwaya bo5 botlhe.

Tshwaya bo2 botlhe.

Kwala dipalo tsa ntlhah tse 20 tse di mo dipateroneng tsa 2 le 5.



Go bala diphethene kana dipaterone

Tlatsa dinomore tse di tlogetsweng.

0; 10; 20; _____; _____; 50; _____; _____; 80; _____; 100; _____;
_____; 130; _____; _____; 160; _____; _____; _____; 200

0; 5; 10; _____; _____; 25; _____; _____; 40; _____; 50; 55; _____;
_____; 70; _____; _____; 85; _____; _____; 100

0; 2; 4; 6; _____; _____; 12; _____; _____; 18; _____; 22; 24; _____;
_____; 30; _____; _____; 36; 38; _____; _____; _____; 46; _____;

0; _____; 8; _____; 16; 20; _____; 28; _____; 36; _____; _____; _____;
52; _____; _____; 64; _____; 72; _____; 80

0; _____; 10; _____; 20; _____; 30; _____; 40; _____; _____; 55;
60; _____; 70; 75; _____; 85; _____; _____; 100

0; 3; _____; 9; _____; 15; 18; _____; 24; _____; _____; 33; _____; 39;
_____; 45; _____; _____; 54; 57; _____; 63; _____; _____; 72; 75



11 12 13 14 15 16 17 18 19 20

||||||||||||||||||||||||||||||||||||||||

4



Letlhao:

Kgweditlhao |



Go bontsha dipalo tsa gago

Sega dikaratapalo go tswa mo Papetlaneng ya Tse-di-segeletsweng ya I.
Dirisa dikarata go aga dipalo tse.

1q

43

6q

54

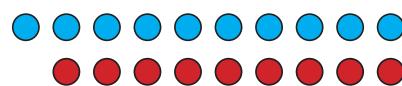
35

1 0

q



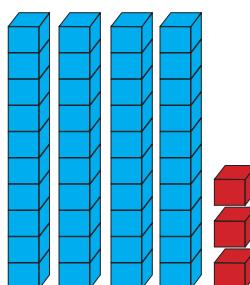
1q



1 0 q

$$10 + q = 1q$$

43



1 0
1 0
1 0
1 0 3

$$40 + 3 = 43$$

Jaanong itirele yona mabapi le dipalo tse, o dirisa Tse-di-segeletsweng I.

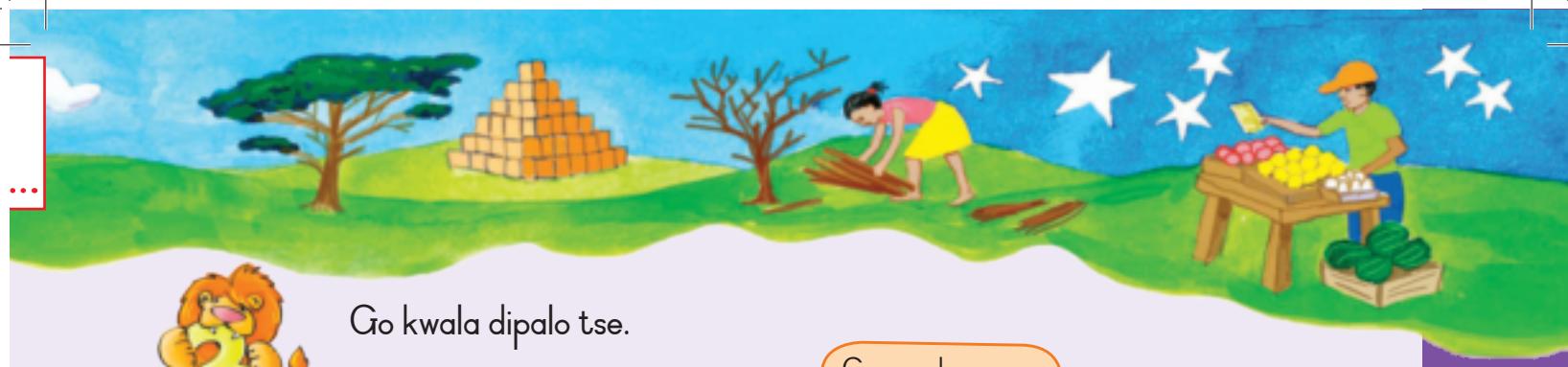
54

35

6q

10

1 2 3 4 5 6 7 8 9 10



Go kwala dipalo tse.

Re go diretse ya ntlha.

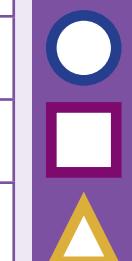
Gape re ka nna ra
re bonngwe ba le q.

| Iq | 10 + q | lesome le le l + metso e le q | Lesomerobongwe |
|----|--------|-------------------------------|----------------|
| 43 | | | |
| 69 | | | |
| 54 | | | |
| 35 | | | |
| 21 | | | |
| 73 | | | |
| 44 | | | |
| 32 | | | |
| 89 | | | |
| 17 | | | |
| 95 | | | |
| 56 | | | |
| 68 | | | |
| 67 | | | |



Kwala dipalo tsa ntlha tse tlhano, mo theiboleng, go ya ka tatelano go tloga ka e nnyennye go fitlha ka e kgolokgolo.

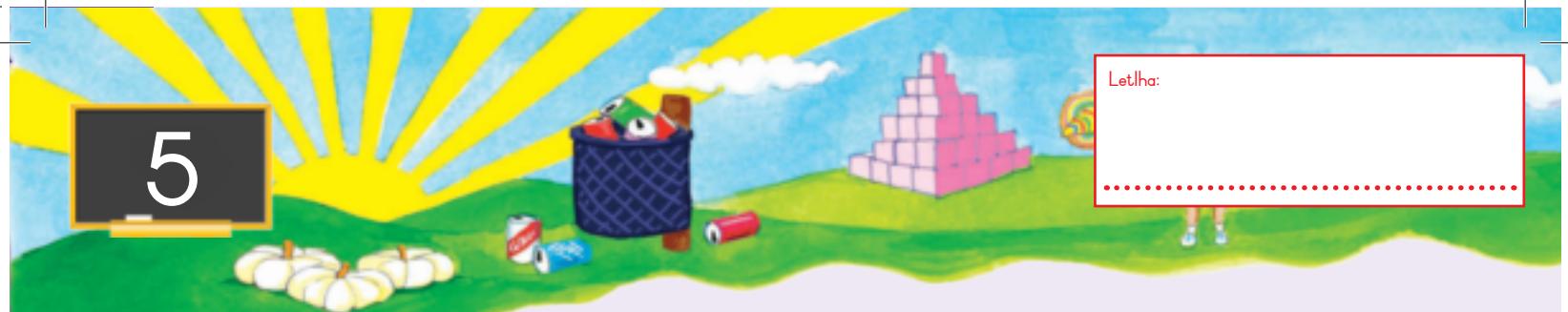
_____ ; _____ ; _____ ; _____ ; _____



11 12 13 14 15 16 17 18 19 20

||||||||||||||||||||||||||||||||||||||||

5



Letihla:

.....

Go tlhakanya le go ntsha



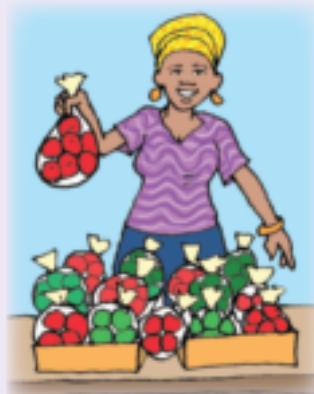
Setolo sa ga Lebo

Mo mosong Lebo o na le dipakete di le 19 tsa diapole.

Ka nako ya dijo tsa motshegare o setse ka dipakete di le 13.

a. Lebo o rekisa dipakete di le kae? _____

b. Kwala karabo ya gago jaaka polelopalo.
_____ - _____ = _____



Kwala polelopalo e nngwe go bontsha karabo e e tshwanang.

$$15 - 9 = 6 \quad \underline{\hspace{1cm}} \quad \underline{\hspace{1cm}} \quad \underline{\hspace{1cm}} \quad \underline{\hspace{1cm}}$$



Poeletso ya palo

Kwala dikarabo.

$$1 + 2 = 3$$



| | | | |
|---------------------------------|---------------------------------|----------------------------------|----------------------------------|
| $10 + 5 =$ <input type="text"/> | $11 + 6 =$ <input type="text"/> | $14 - 9 =$ <input type="text"/> | $14 - 8 =$ <input type="text"/> |
| $11 + 5 =$ <input type="text"/> | $17 + 2 =$ <input type="text"/> | $19 - 7 =$ <input type="text"/> | $14 - 5 =$ <input type="text"/> |
| $12 + 6 =$ <input type="text"/> | $3 + 13 =$ <input type="text"/> | $16 - 5 =$ <input type="text"/> | $16 - 13 =$ <input type="text"/> |
| $17 + 2 =$ <input type="text"/> | $4 + 15 =$ <input type="text"/> | $15 - 10 =$ <input type="text"/> | $19 - 7 =$ <input type="text"/> |



5 9 14

Dikao tsa lelapa le la dipalo ke tse.

| | |
|--------------|--------------|
| $9 + 5 = 14$ | $5 + 9 = 14$ |
| $14 - 9 = 5$ | $14 - 5 = 9$ |



A o kgona go bona malapa otlhé a dipalo a 14?

| | | | |
|---------------|---------------|---------------|---------------|
| $1 + 13 = 14$ | $13 + 1 = 14$ | $14 - 1 = 13$ | $14 - 13 = 1$ |
| $2 + 12 =$ | | | |
| $3 + 11 =$ | | | |
| $4 + 10 =$ | | | |
| $5 + 9 =$ | | | |
| $6 + 8 =$ | | | |
| $7 + 7 =$ | | | |



Ké ya go dira jalo
ka 12.

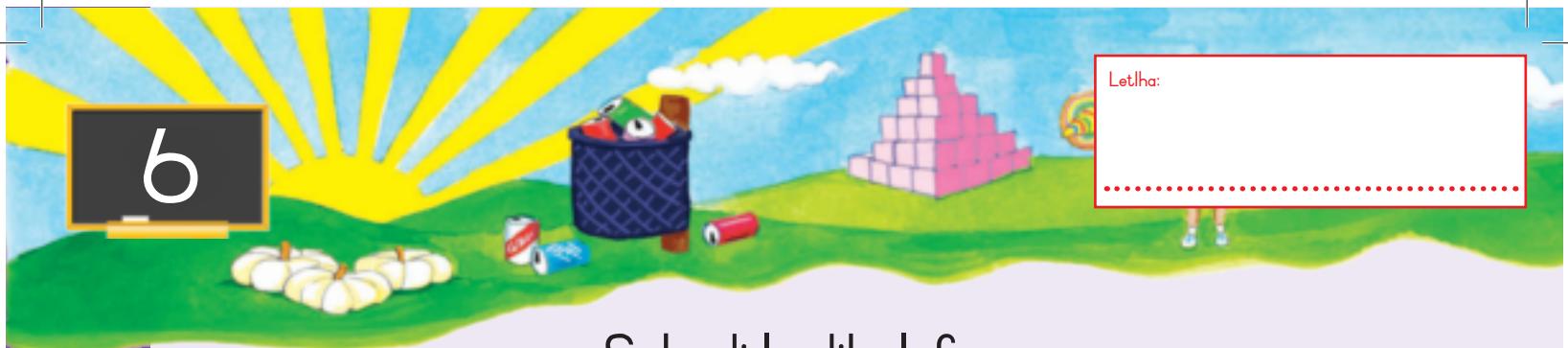
12

| | | | |
|---------------|--|--|--|
| $1 + 11 = 12$ | | | |
| $2 + 10 = 12$ | | | |
| $3 + 9 = 12$ | | | |
| $4 + 8 = 12$ | | | |
| $5 + 7 = 12$ | | | |
| $6 + 6 = 12$ | | | |



11 12 13 14 15 16 17 18 19 20

b



Letlha:

Kgwenditharo I

Sebedi le dihalofo

A o a gopola?

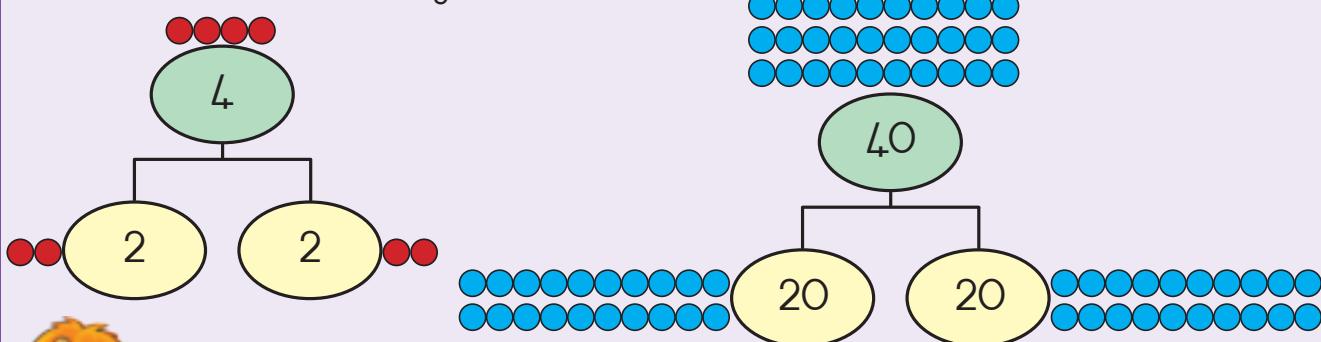
2 ke halofo ya 4

20 ke halofo ya 40

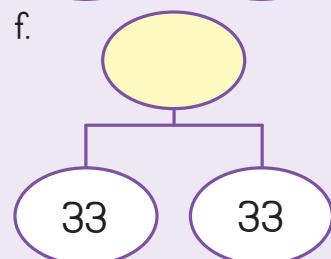
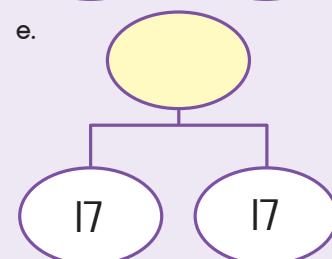
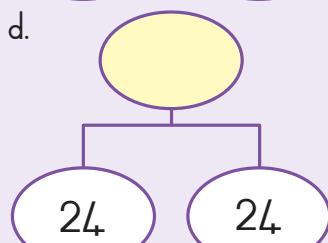
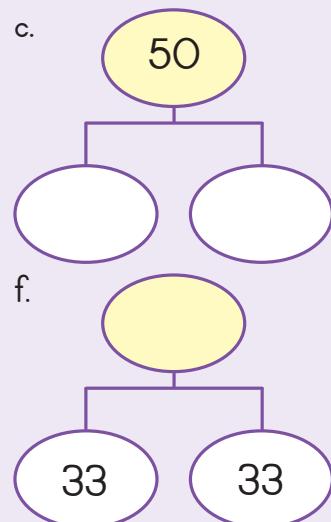
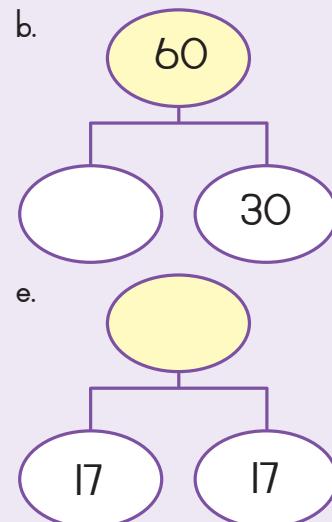
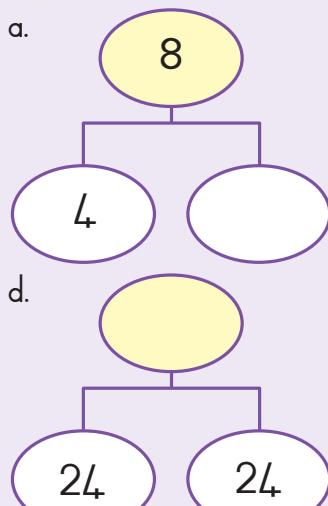
4 ke 2 gabedi

40 ke 20 gabedi

Re ka bontsha seno mo sethalong ...



Go batla sebedi kgotsa dihalofo



Kgwetlho

Batla halofo e le nngwe ya 3.

Bontsha jaaka palo kgotsa leinapalo.
Sethalo kana setshwantsho se ka go thusa.



Ntsifatsa palo gabedi o dirisa molapalo.
O filwe sekao sa ntlha.

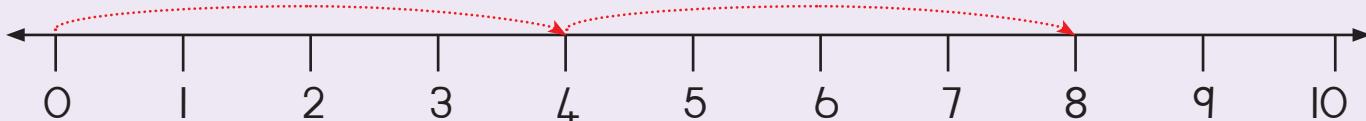
4 Gabedi

$$\boxed{4}$$

+

$$\boxed{4}$$

$$= \boxed{8}$$



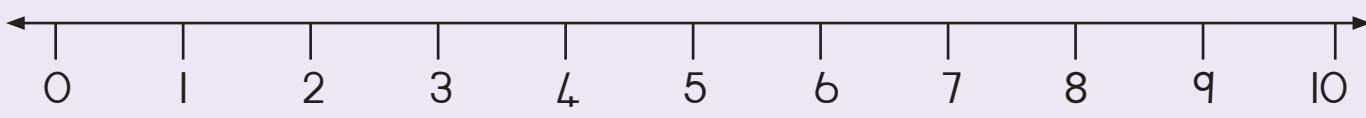
5 Gabedi

$$\boxed{}$$

+

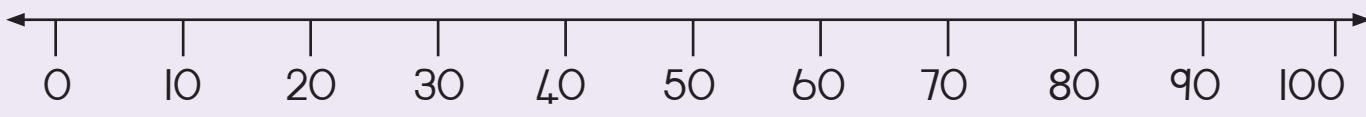
$$\boxed{}$$

$$= \boxed{}$$



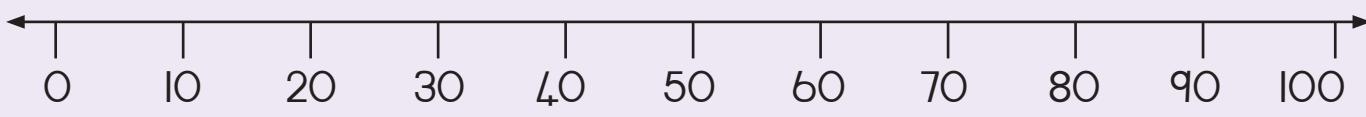
20 Gabedi

$$\boxed{} + \boxed{} = \boxed{}$$



40 Gabedi

$$\boxed{} + \boxed{} = \boxed{}$$



Feleletsa tse di latelang

- | | |
|--------------|------------------------|
| a. 1 Gabedi | <input type="text"/> 2 |
| b. 6 Gabedi | <input type="text"/> |
| c. 10 Gabedi | <input type="text"/> |
| d. 30 Gabedi | <input type="text"/> |
| e. 50 Gabedi | <input type="text"/> |



Feleletsa tse di latelang

- | | |
|--------------------------|------------------------|
| a. Ripa kgotsa hafola 6 | <input type="text"/> 3 |
| b. Ripa kgotsa hafola 8 | <input type="text"/> |
| c. Ripa kgotsa hafola 14 | <input type="text"/> |
| d. Ripa kgotsa hafola 60 | <input type="text"/> |
| e. Ripa kgotsa hafola 70 | <input type="text"/> |





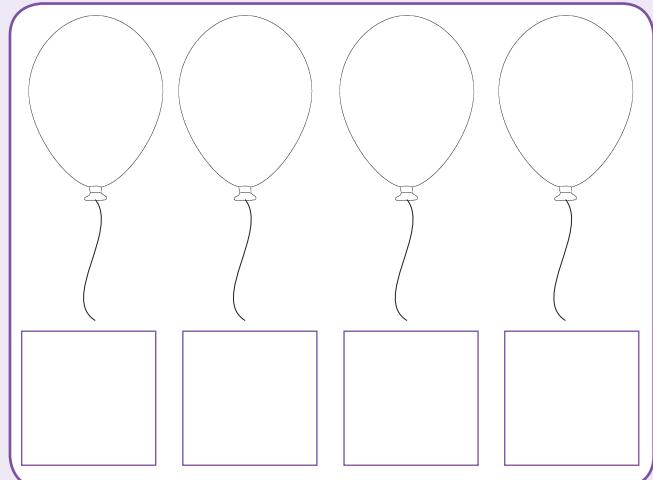
7

Letlha:

Dipalophatlo

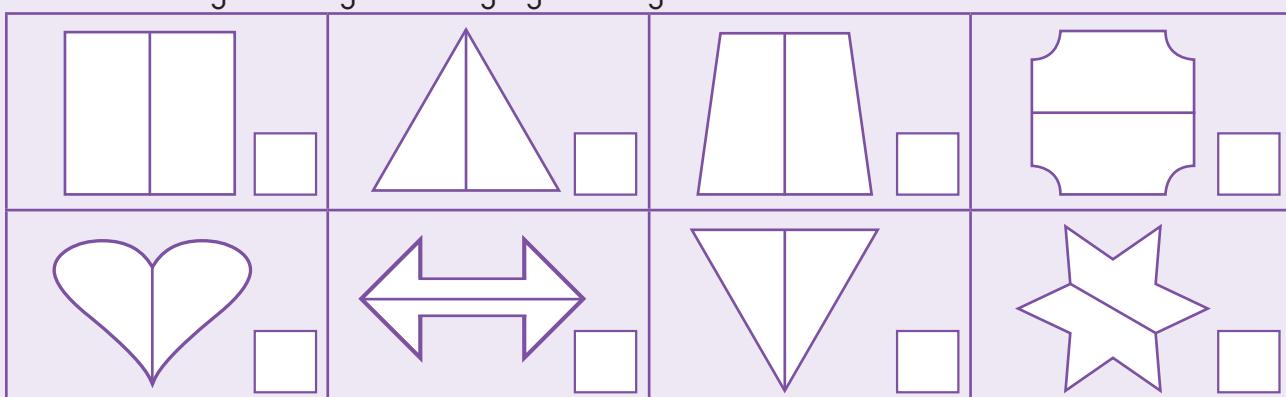
Khalara kotara e le nngwe ya dibalunu ka bohibidu
mme tse di setseng ka botala jwa legodimo

Khalara halofo e le lengwe ya lebokoso le lehibidu.



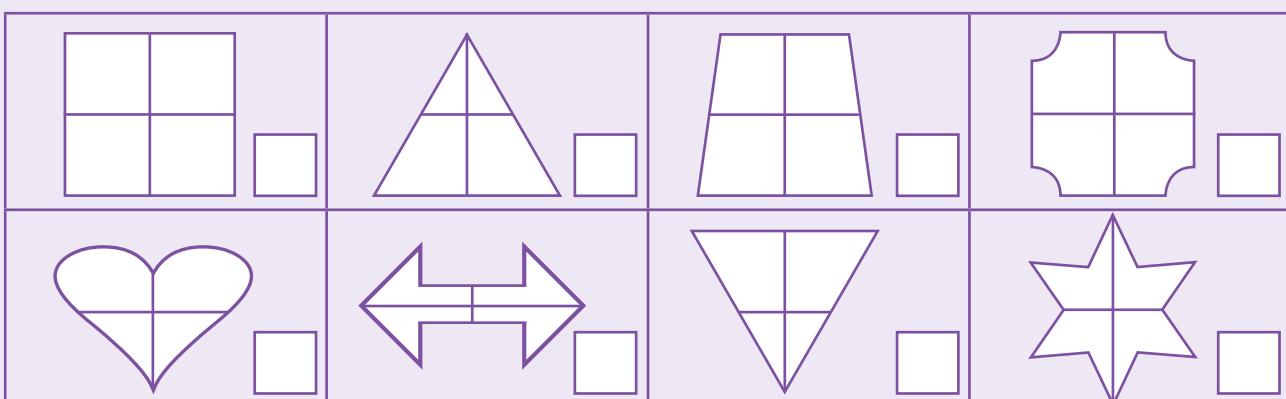
Lebelela dibopego. Tshwaya dibopego tse
di bontshang dihalofo.

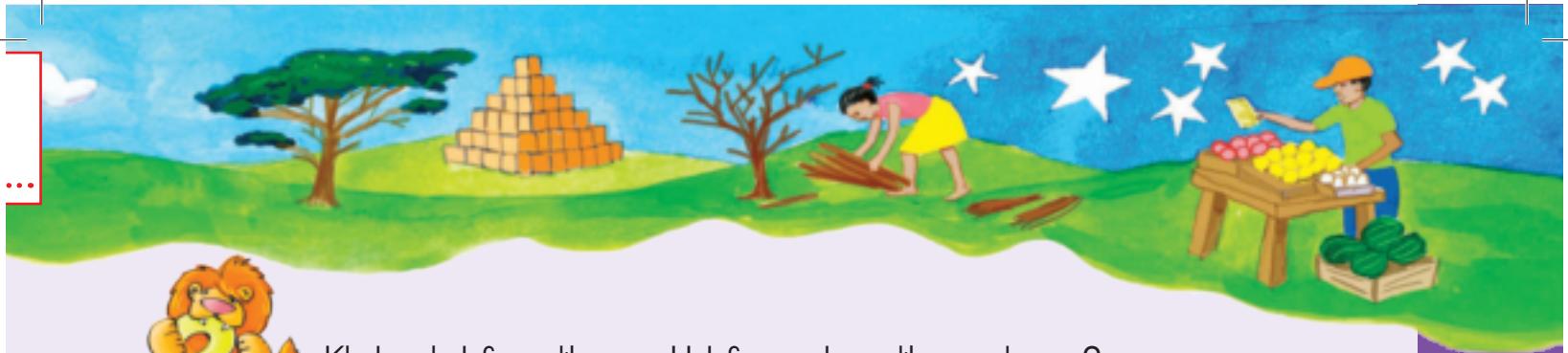
Khalara halofo e le nngwe ya sebolepego
sengwe le sengwe se se kgaogantsweng ka dihalofo.



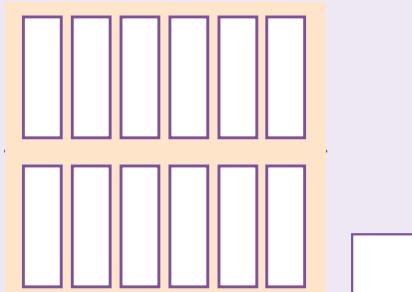
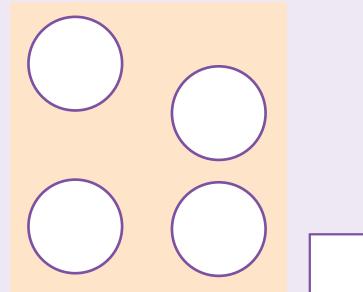
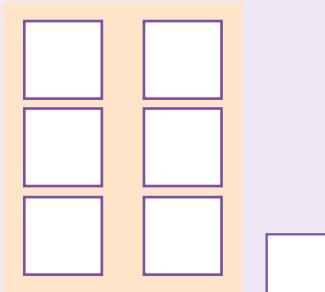
Lebelela dibopego. Tshwaya dibopego tse di bontshang dikotara.

Khalara kotara e le nngwe ya sebolepego sengwe le sengwe se se kgaogantsweng
ka dikotara.

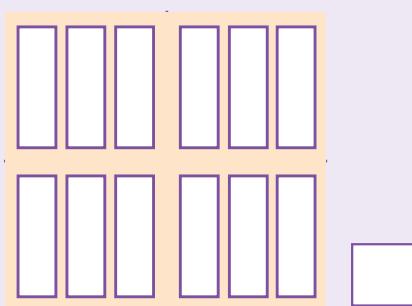
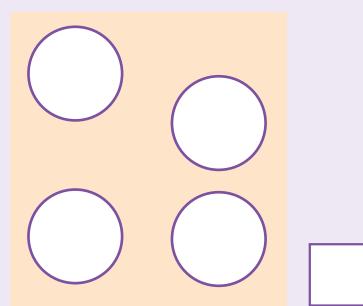
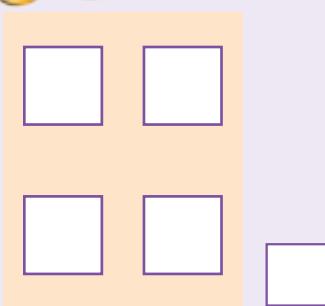




Khalara halofo ya dibopego. Halofo ya palo ya dibopego ke eng?



Khalara kotara ya dibopego. Kotara ya palo ya dibopego ke eng?



Kwala jaaka palophatlo.

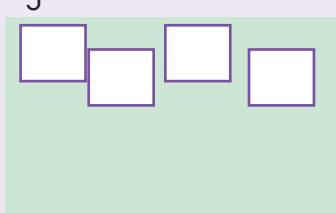
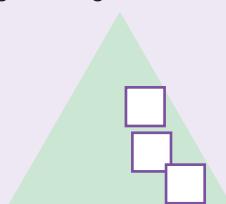
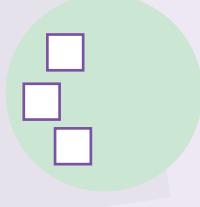
dihalofo



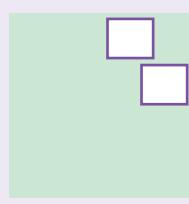
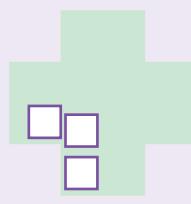
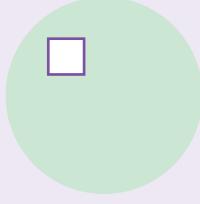
dikotara



Thala dibopego tse dingwe go dira gore halofo nngwe le nngwe e lekane.



Thala dibopego tse dingwe go dira gore kotara nngwe le nngwe e lekane.





Letlha:

.....

Go tlhaola tšhelete



Kwa setokofelengl!

MmaLubisi o bala le go tlhaola tšhelete go tswa mo setlhopheng.



Fopholetsa palogotlhe ya tlhwatlhwa. R _____

Bala tšhelete. R _____

Bapanya diphopholetso le dipalogotlhe.

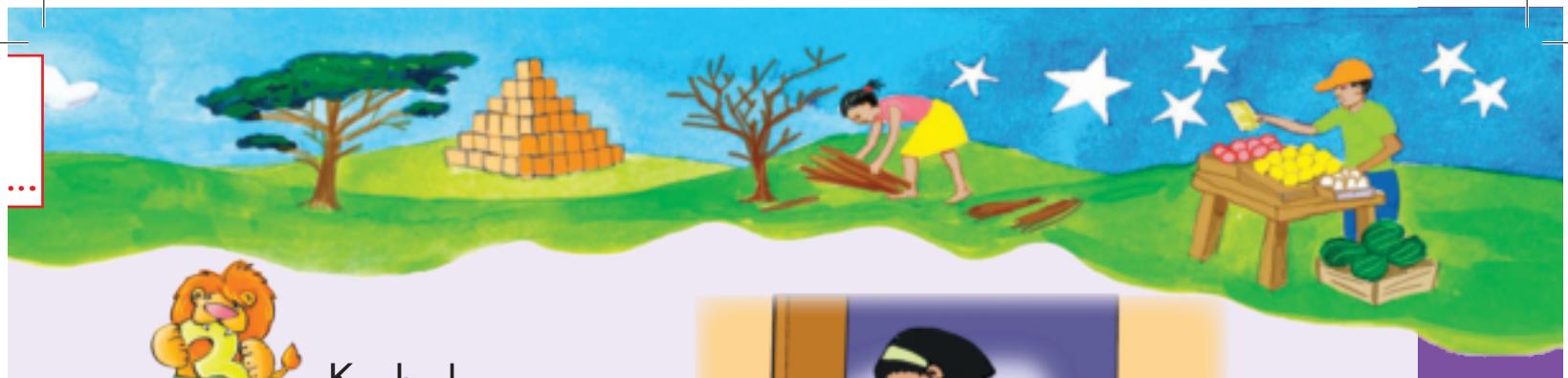


Go boloka tšhelete

Gugu o bolokela para ya ditlhako e e jang R89.
Go fitlha gajaana o na le halofo ya tlhwatlhwa.
O tlhoka bokae gape?
Kwala polelopalo go bontsha karabo ya gago.



_____ - _____ - _____



Kwa bankeng

Maria o tlhaola madi a dipampiri ka diphaele tsa 5.

O na le madi a dipampiri a a setseng.

Kwala dipalogotlhhe tsa setshwantsho se sengwe le se sengwe.



Tlhwatlhwa



R _____



R _____



R _____



Kgwetlhlo

Leeto go ya kwa serapeng sa diphologolo

Bagolo le bana ba ya kwa serapeng sa diphologolo.

Ba reka ditekete tsa R90.

Bana ba bakae? _____

Bagolo ba bakae? _____

A go na le karabo e nngwe?

Bagolo _____ Bana _____



| |
|----------|
| Teacher: |
| Sign: |
| Date: |



Letihā:

Kgwenditharo |



Diphethene

Dirisa boto e ya dipalo ya 200 go arabā dipotso.

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| I | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| II | I2 | I3 | I4 | I5 | I6 | I7 | I8 | I9 | I0 |
| I1 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 3I | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 4I | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 5I | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 6I | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 7I | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 8I | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 9I | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | I00 |
| I0I | I02 | I03 | I04 | I05 | I06 | I07 | I08 | I09 | I10 |
| I1I | I12 | I13 | I14 | I15 | I16 | I17 | I18 | I19 | I20 |
| I2I | I22 | I23 | I24 | I25 | I26 | I27 | I28 | I29 | I30 |
| I3I | I32 | I33 | I34 | I35 | I36 | I37 | I38 | I39 | I40 |
| I4I | I42 | I43 | I44 | I45 | I46 | I47 | I48 | I49 | I50 |
| I5I | I52 | I53 | I54 | I55 | I56 | I57 | I58 | I59 | I60 |
| I6I | I62 | I63 | I64 | I65 | I66 | I67 | I68 | I69 | I70 |
| I7I | I72 | I73 | I74 | I75 | I76 | I77 | I78 | I79 | I80 |
| I8I | I82 | I83 | I84 | I85 | I86 | I87 | I88 | I89 | I90 |
| I9I | I92 | I93 | I94 | I95 | I96 | I97 | I98 | I99 | 200 |



Dirisa boto ya dipalo ya 200 go feleletsa dipalo tse di latelang tse nne mo diphetheneng tse tsa dipalo. Morago o khalare phethene mo botong ya dipalo.

| | |
|----------------------|----------------------|
| I05, I10, I15, _____ | 87, 90, 93, _____ |
| 36, 40, 44, _____ | 184, 186, 188, _____ |
| 70, 65, 60, _____ | 138, 135, 132, _____ |
| 180, 176, 172, _____ | 14, 12, 10, _____ |



Kwala dipalo tse di latelang mo phetheneng nngwe le nngwe.
Morago o khalare phethene. O lemoga eng ka ga dipalo tse di fifaditsweng
ka mmala o o tshwanang?

Go bala ka botlhano

| | | | | | | | | | |
|--|--|---|--|----|--|--|--|--|--|
| | | 5 | | 10 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Go bala ka bopedi

| | | | | | | | | | |
|--|---|---|--|--|--|--|--|--|--|
| | 2 | 4 | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Go bala ka botharo

| | | | | | | | | | |
|--|---|---|--|--|--|--|--|--|--|
| | 3 | 6 | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Go bala ka bolesome

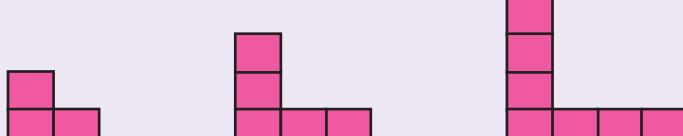
| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|----|
| | | | | | | | | | 10 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |



Atolosa phethene









Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

10

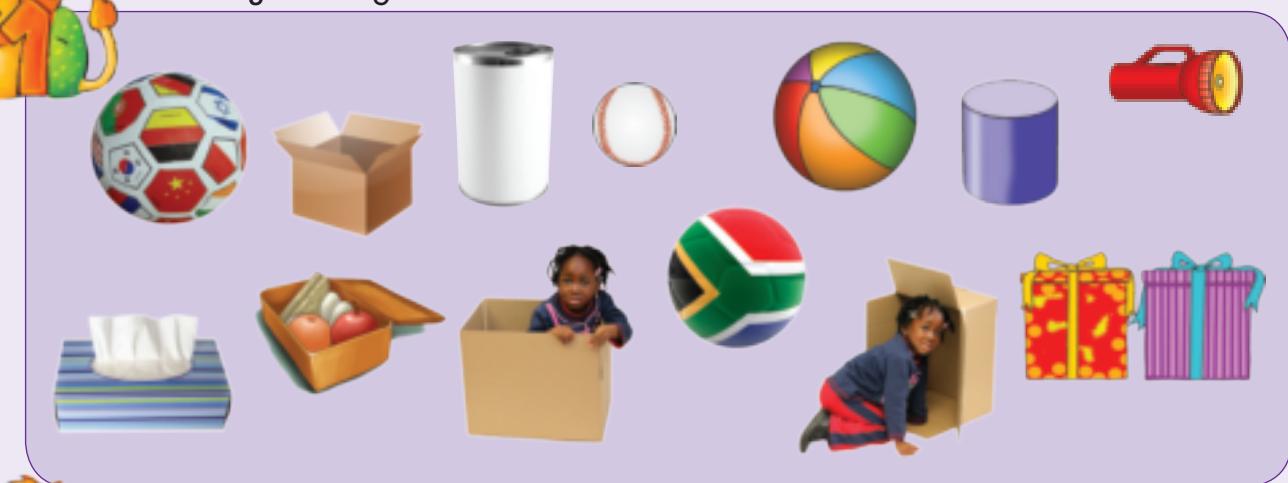
Letsha:

Kgwenditharo I

Dibolo, mabokoso le disilintara



Sekeltsa mabokoso ka botala jwa legodimo, dibolo ka bohibidu le disilintara ka botala jwa tlhaga.



Khalara karabo e e nepagetseng.



Lebokoso

diselaete Dirolo



Silintara

diselaete Dirolo



Bolo

diselaete Dirolo



Khalara karabo e e nepagetseng.



losi lo lo tshekeletsa
Losi lo lo tlhamaletseng



losi lo lo tshekeletsa
Losi lo lo tlhamaletseng



losi lo lo tshekeletsa
Losi lo lo tlhamaletseng



losi lo lo tshekeletsa
Losi lo lo tlhamaletseng



losi lo lo tshekeletsa
Losi lo lo tlhamaletseng



losi lo lo tshekeletsa
Losi lo lo tlhamaletseng



losi lo lo tshekeletsa
Losi lo lo tlhamaletseng



losi lo lo tshekeletsa
Losi lo lo tlhamaletseng



Bua gore a kgwele e kwa morago, kwa pele ga, fa thoko kgotsa kwa godimo ga lebokoso.



| | |
|-------------|---------------|
| kwa morago | fa pele ga |
| fa thoko ga | kwa godimo ga |



| | |
|-------------|---------------|
| kwa morago | fa pele ga |
| fa thoko ga | kwa godimo ga |



| | |
|-------------|---------------|
| kwa morago | fa pele ga |
| fa thoko ga | kwa godimo ga |



| | |
|-------------|---------------|
| kwa morago | fa pele ga |
| fa thoko ga | kwa godimo ga |

| |
|---------------------------------|
| ○ |
| □ |
| △ |
| ○ Teacher: Sign: Date: |



Letlha:

Thala, naya leina mme o bapise
dibopego tsa matlhakoremabedi



Thala dibopego

Khutlotharo



Sediko



Sekwere

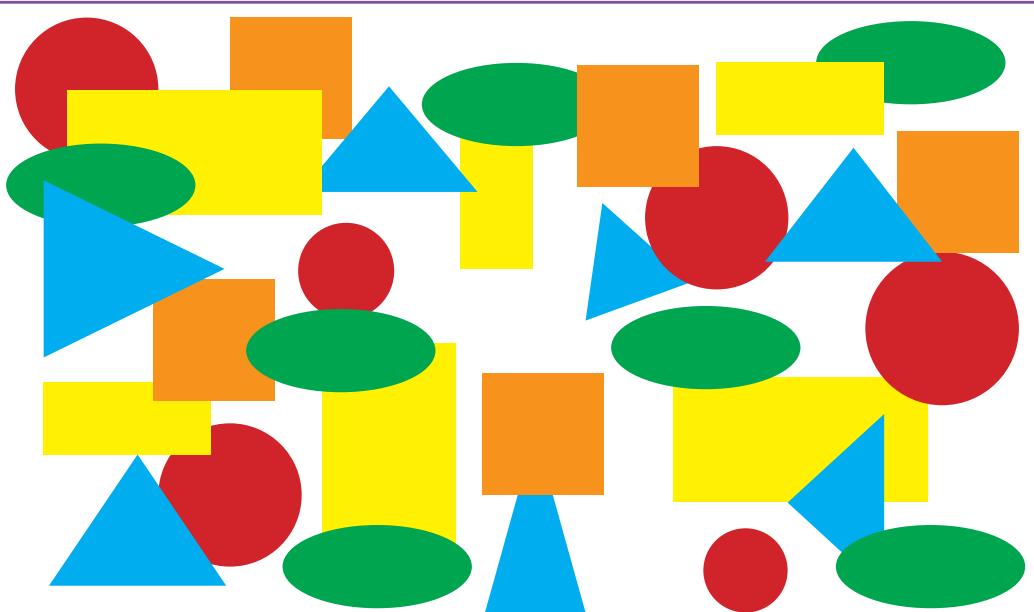
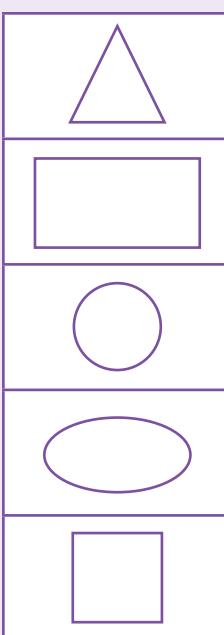


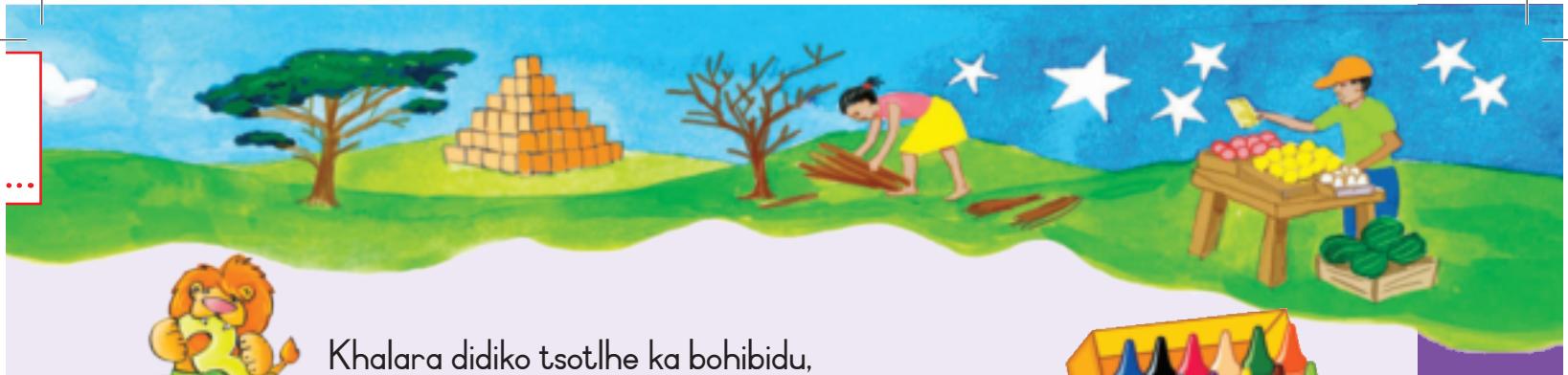
Khultonnetsepa



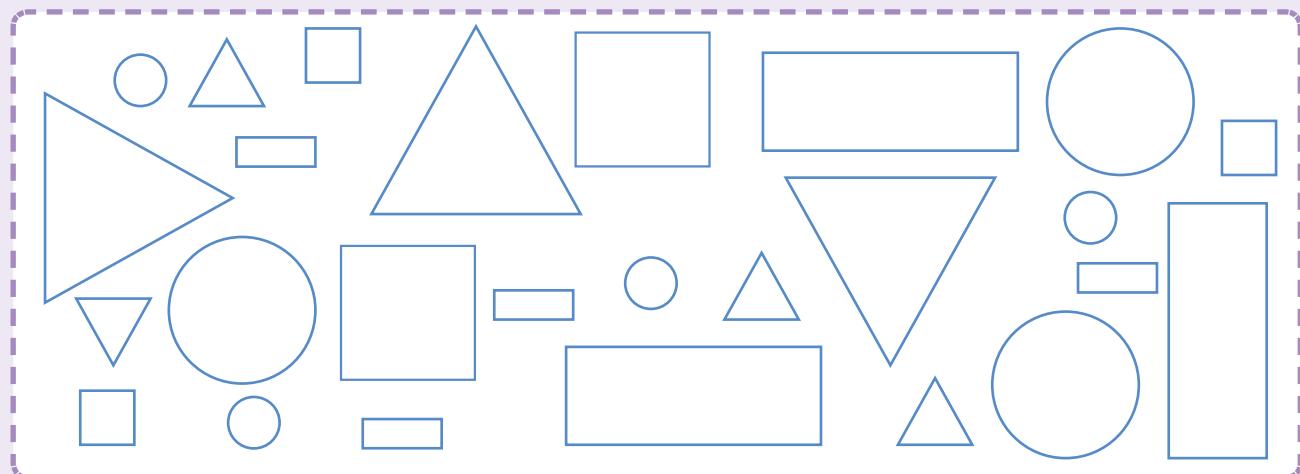
Bala dibopego

Bala gore ke dibopego di le kae tse di tshwanang le tse o ka di bonang mo setshwantshong.





Khalara didiko tsotlhhe ka bohibidu,
didiko tse dinnye botala jwa tlhaga;
dikhutloharo tse dikgolo botala jwa legodimo, dikhutloharo
tse dinnye mmala wa namune; dikwere tse dikgolo boserolwana,
dikwere tse dinnye phepole; dikhutlonnetsepa tse dikgolo bohunou,
dikhutlonnetsepa tse dinnye ka bopinki.



Ke matlhakore a le makae?

Sebopego se sengwe le se sengwe se na le matlhakore a le makae?

Kwala palo mo bolokong. **Re go diretse e le nngwe.** A matlhakore a tlhamaletse kgotsa a tshekeletsa?

Khalara karabo e e nepagetseng.

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| | | | | |
| tlhamaletse | tshekeletsa | tlhamaletse | tshekeletsa | tlhamaletse |
| | | | | |
| tlhamaletse | tshekeletsa | tlhamaletse | tshekeletsa | tlhamaletse |

Teacher: _____
 Sign: _____
 Date: _____

12

Letihā:



Nako e a feta



Go buisa nako

Ditshupandako tse di bontsha nako mang?



ura ya _____

ura ya _____

ura ya _____

ura ya _____



Tlola go dikologa tleloko

Thusa Pebanyana go bala metsotso ka bo5.

Simolola kwa go 12. Dikologa tsela yotlhe.



O bala metsotso e mekae? _____

Go metsotso e mekae mo ureng e le l? _____



Go kwala nako

Thala diatla go bontsha dinako.



kotara morago ga ura ya 6 seripa morago ga ura ya 8 kotara go ya ureng ya 11 halofo morago ga 5



Tumi o tsamaya ka maoto go ya sekolong.



O tswa kwa gae.



O fitlha kwa sekolong.

Tumi o tsaya lobaka lo lo kae? _____



Letsatsi la go baka

Maria o baka borotho.



Borotho bo tsena
mo ontong.



Borotho
bo a tswa.



Borotho bo bakiwa diura di le _____.



Kgwetlho

Ke kgona go bona phethene.

Mo nakong gabedi

a. Fetolela diura go metsotso.

| | | | | |
|----------|----|---|---|---|
| Diura | 1 | 2 | 4 | 8 |
| Metsotso | 60 | | | |



b. Jabu o tsaya metsotso e le 45 go tsena kwa sekolong. Tumi o tsaya nako eo gabedi.

Tumi o tsaya diura di le kae go fitlha kwa sekolong? _____

| |
|----------|
| Teacher: |
| Sign: |
| Date: |

11 12 13 14 15 16 17 18 19 20

13

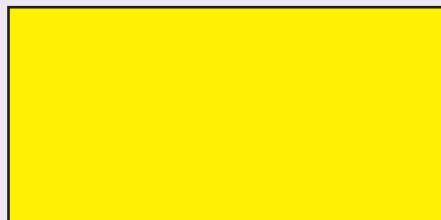
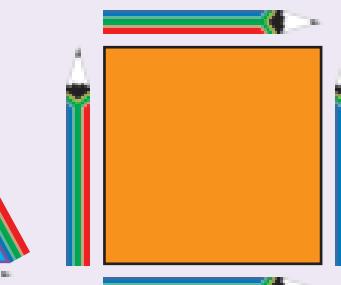
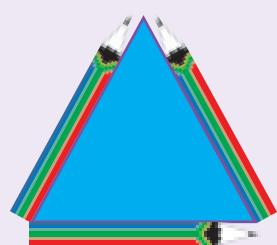
Letlhah:

Kgwendithharo |

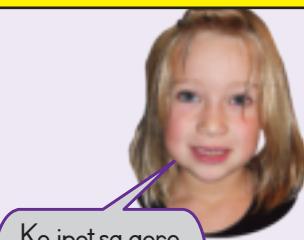
Go lekanyetsa boleele



Matlhakore otlhhe
a khutlotharo
e fa a le mmogo
a boleele jwa
diphensele di le 3.



Matlhakore otlhhe
a sekwere se
fa a le mmogo
a boleele jwa
diphensele di le 4.



Ke ipotsa gore
khutlonnetsepa
e boleele le
bophara jo bo
kana kang.

Khutlonnetsepa e boleele jwa diphensele di le kae?

Khutlonnetsepa e bophara jwa diphensele di le kae?

boleele



bophara

O dirisitse diphensele jang go bala?

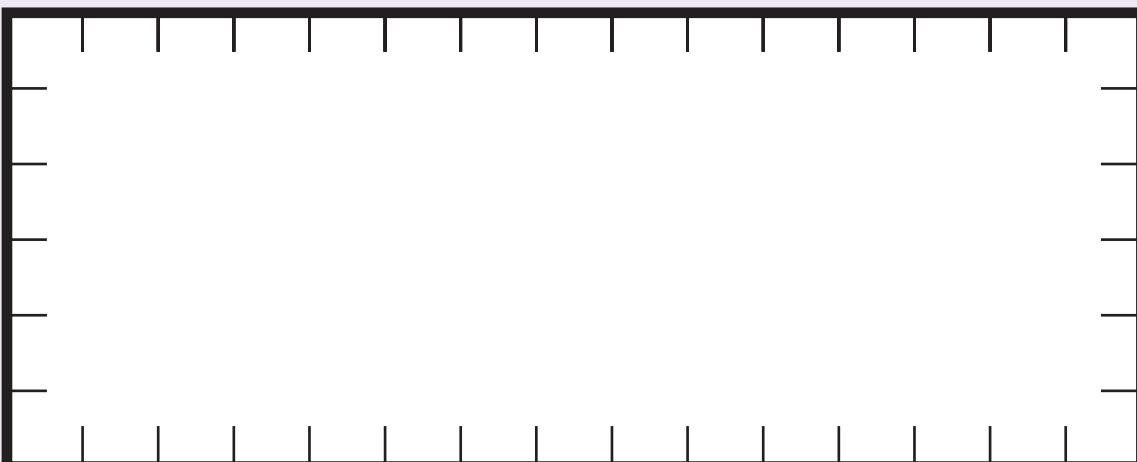


Boleele jo bo sa itseweng

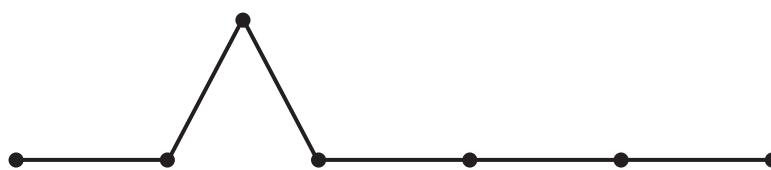
- a. O tlhoka mela e **mehibidu** e le mekae go khurumetsa mola o montsho?



- b. O tlhoka mela e **mehibidu** e le mekae go dikologa khutlonnetsepa?



- c. Ke efe e e telele, tsela e e kwa godimo kgotsa tsela e e kwa tlase, kgotsa di a lekana?



Karabo _____

Goreng? _____



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

14

Letlha:



Mothamo (maemo)

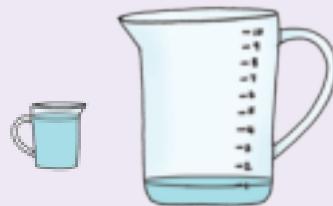
Ke setse ke tshetse maswana a le mane mo koping.

Ke dikopi di le kae gape tse di tlāa tlatsang seduti?



Ke dikopi tsa metsi di le kae tse di mo seduting? Ke dikopi di le kae gape tse re di tlhokang go tlatsa seduti?

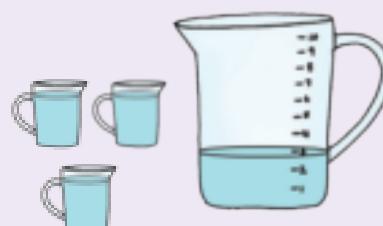
a.



Mo seduting

Batla gape

b.



Mo seduting

Batla gape

c.



Mo seduting

Batla gape

d.



Mo seduting

Batla gape

e.



Mo seduting

Batla gape

f.

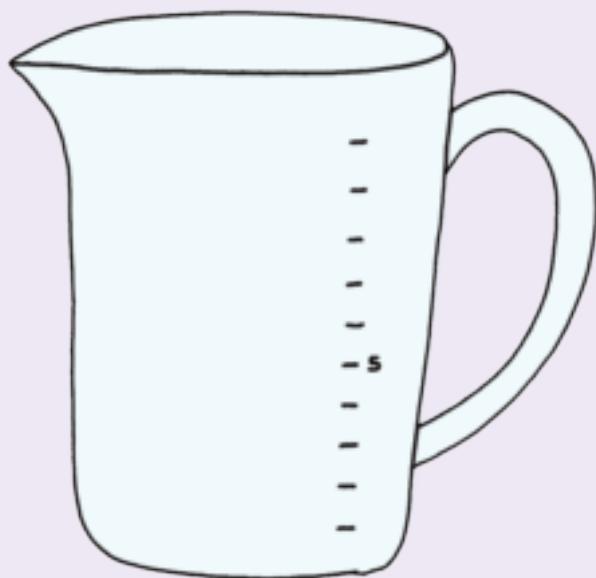


Mo seduting

Batla gape



Kwala dikgala tse di mo jekeng e ya tekanyetso. Re go bontshitse sekgala sa 5.



Fa kopi e le nngwe e tlatsa jeke go fitlha
mo "bogareng", o tlhoka dijeke di le kae
go tlatsa jeke go fitlha mo go:

- a. 4 _____
- b. 6 _____
- c. 8 _____
- d. 10 _____



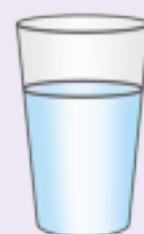
Tshwaya diduti tse di tsholang litara e le I ya seeledi.













Teacher:
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Date:

11 12 13 14 15 16 17 18 19 20

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15



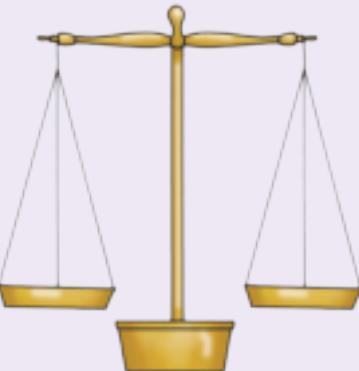
Letihā:

.....

Go bereka ka mmase (boima)



A re lekanyetseng bokete!



Go bona boima jwa rona, gore re **bokete** kgotsa **bofeto** bo le bokae, re dirisa sekale.

Re lekanyetsa bokete ka **dikilogeramo**. Re dirisa khutshwafatso e: kg. Ke mang yo o begang go gaisa?



41 kg



38 kg



41 kg



42 kg

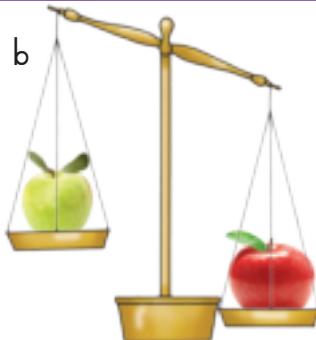
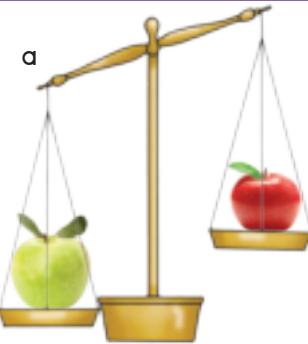


39 kg



Re dirisa sekale sa go balansa go lekanyetsa mmase.

Mo sekaleng se, diapole ka bobedi di bega go lekana.



Araba potso ka go kwala a kgotsa b.

Ke mo sekaleng sefe mo apole e tala e leng boketenyana go na le apole e khibidu?

Ke mo sekaleng sefe mo apole e tala e leng botlhofonyana go na le apole e khibidu?

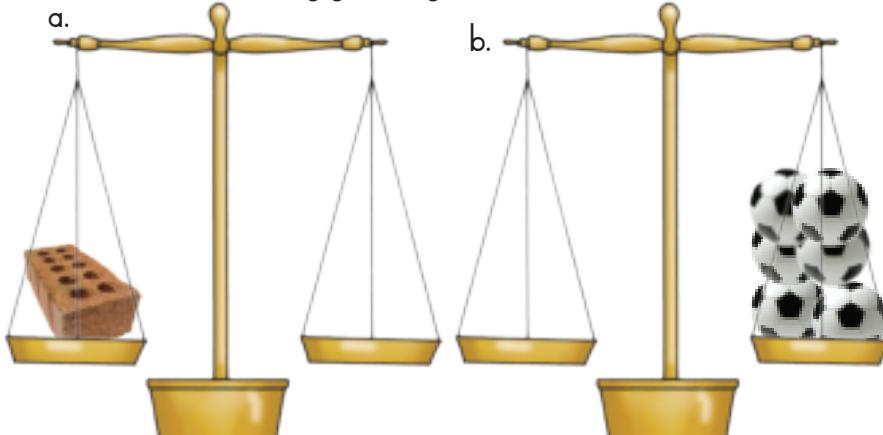


Lekanyetsa dikale.

Re go diretse ya ntliha.



Thala gore ke ditena di le kae kgotsa dibolo di le kae tse o di tlhokang go dira gore dikale tse di balanse.

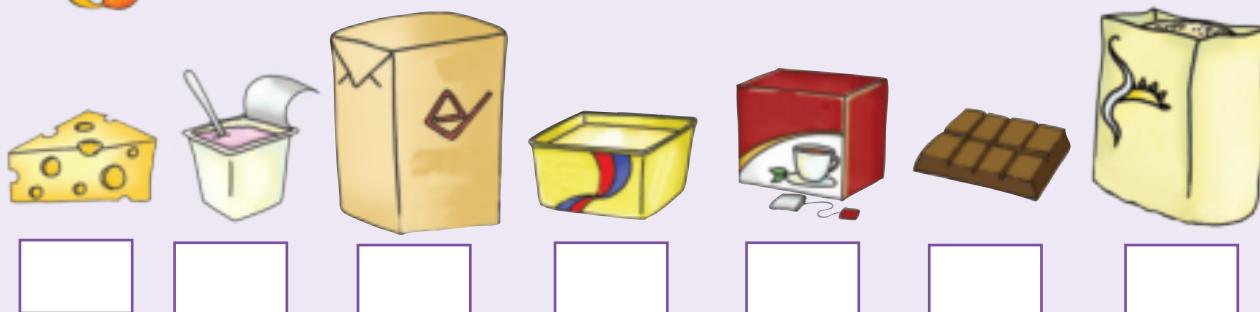


Fa morwalo o le mongwe e bega dikilogramo di le 3. Merwalo e le 2 le 3 e tlaa bega bokae?

- 2 _____ kg
- 3 _____ kg
- A nka kcona go lekanyetsa merwalo e le 4 ka nako e le nngwe mo sekaleng se sa khitshini? Goreng? _____



Tshwaya diduti tse di tshotseng kilogramo e le.



16

Letlhao:



Tiriso ya tshedimosetso

Ditlhako mo tlelaseng



Buisa kgang.

Thabo: A, Mohumagadi! Jack ke dimo! O rwala ditlhako tsa saese ya 6!

Mme Khoza: Go ntse jalo! Ee, Thabo, se segolo mo ngwaneng wa dingwaga di le robongwe!
O rwala ditlhako tsa saese mang, Thabo? Ba bangwe mo tlelaseng ba rwala disaese
mang? A re direng patlisiso!

Baithuti ba bitsa disaese tsa bona, bongwe ka bongwe.

Mme Khoza o kwala disaese mo patitshokong.

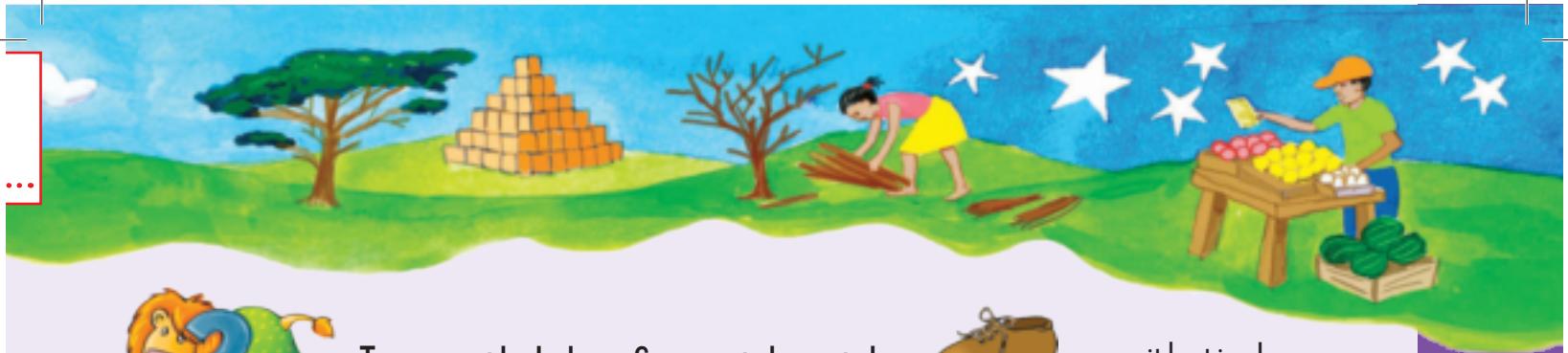
Mme Khoza: Bala, morago o kwale gore ke di le kae tsa saese e nngwe le e nngwe mo lenaneong.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 2 | 3 | 1 | 2 | 3 | 1 | 4 | 3 | 2 | 3 |
| 2 | 3 | 2 | 6 | 2 | 2 | 3 | 3 | 3 | 4 | 3 |
| 4 | 2 | 2 | 3 | 3 | 5 | 3 | 2 | 2 | 2 | 1 |
| 1 | 1 | 2 | 4 | 2 | 3 | 2 | 3 | 4 | 2 | 4 |
| 4 | 3 | 2 | 2 | 3 | 1 | 2 | 2 | 1 | 4 | 3 |

Tlatsa lenaneo le le fa tlase.

Disaese tsa ditlhako tse di mo tlelaseng

| Saese 1 | Saese 2 | Saese 3 | Saese 4 | Saese 5 | Saese 6 |
|---------|---------|---------|---------|---------|---------|
| | | | | | |



Jaanong thala kerafo ya setshwantsho.



= moithuti a le mongwe

| | | | | | |
|---------|---------|---------|---------|---------|---------|
| | | | | | |
| Saese 1 | Saese 2 | Saese 3 | Saese 4 | Saese 5 | Saese 6 |



Jaanong araba dipotso tse.

- Bontsi jwa baithuti bo rwala setlhako sa saese _____.
- Palo e e kwa tlase e rwala saese _____.
- Bana ba le _____ ba tsere karolo mo patlisisong.



Jaanong wena?

Batlisia gore wena le tsala ya gago le rwala disaese dife!

- Dira ka ditlhophpha tsa 6 go ya go 8.
- Kokoanya tshedimosetso.
- Kwala palo ya disaese tsa ditlhako mo theiboleng.
- Bapisa dikarabo le ditlhophpha tse dingwe.



| |
|----------------------------|
| <input type="radio"/> |
| <input type="checkbox"/> |
| <input type="triangle"/> |
| Teacher: Sign: Date: |

Bapisa mme o tlhomaganye dipalo

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 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 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

Ke palo efe e e tl Lang
pele ga 84? Ke palo
efe e e tl Lang morago
ga 84?



Ke palo efe e e
magareng ga 88 le
90?



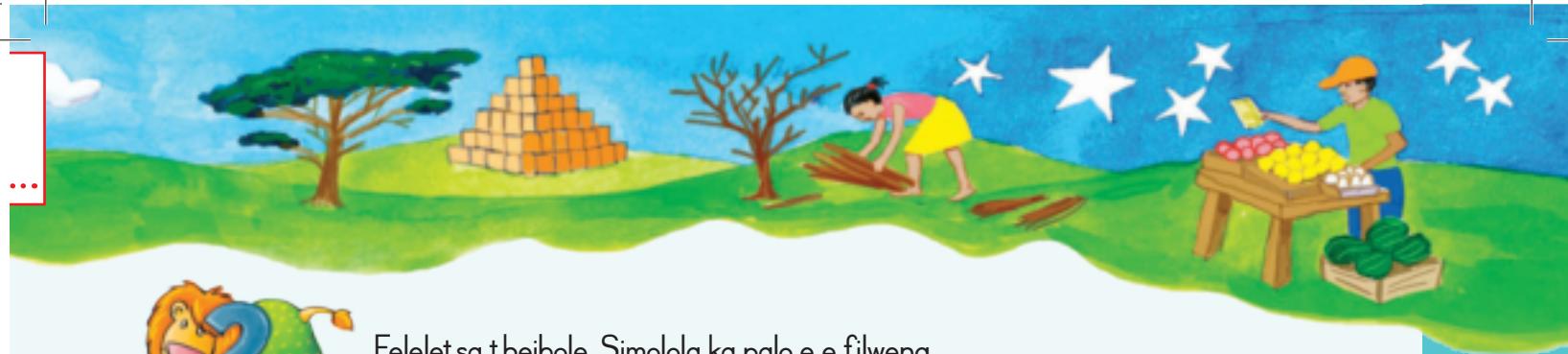
Tlatsa dipalo tse di tlogetsweng.

| | | | | | | | | | | | | | | | | | | | |
|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----|
| 51 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | 100 |

Dirisa boto ya dipalo go araba dipotso.

- Ke palo efe e e tl Lang pele ga 68? _____
- Ke palo efe e e tl Lang morago ga 68? _____
- Kwala dipalo di le tlhano tse dinnye mo go 71. _____, _____, _____, _____, _____
- Kwala dipalo di le tlhano tse dikgolo mo go 71. _____, _____, _____, _____, _____
- Kwala dipalo tse di magareng ga 79 le 84. _____
- Kwala dipalo go tloga ka e nnyennye go fitlhaka ka e kgolokgolo. 73, 52, 50, 59, 61

- Kwala dipalo go tloga ka e kgolokgolo go fitlhaka ka e nnyennye. 74, 96, 99, 91, 38



Feleletsa theibole. Simolola ka palo e e filweng.

| | nngwe go feta | nngwe kwa tlase | lesome go feta | lesome kwa tlase |
|----|---------------|-----------------|----------------|------------------|
| 25 | | | | |
| 39 | | | | |
| 74 | | | | |
| 56 | | | | |
| 40 | | | | |



Sekeletsat palo e kgolokgolo.

| | | | | | |
|----|----|----|----|----|----|
| 78 | 87 | 17 | 36 | 63 | 33 |
|----|----|----|----|----|----|

Sekeletsat palo e nnyenny.

| | | | | | |
|----|----|---|----|----|----|
| 99 | 19 | 9 | 14 | 41 | 40 |
|----|----|---|----|----|----|



Fa < e kaya nnyanenyana go na le, le > e kaya kgolwane go na le, feleletsat

| | | | | | |
|----|---|----|----|---|----|
| 32 | < | 64 | 23 | > | 18 |
|----|---|----|----|---|----|

| | | | | | |
|----|-------|----|----|-------|----|
| 57 | _____ | 98 | 89 | _____ | 57 |
|----|-------|----|----|-------|----|



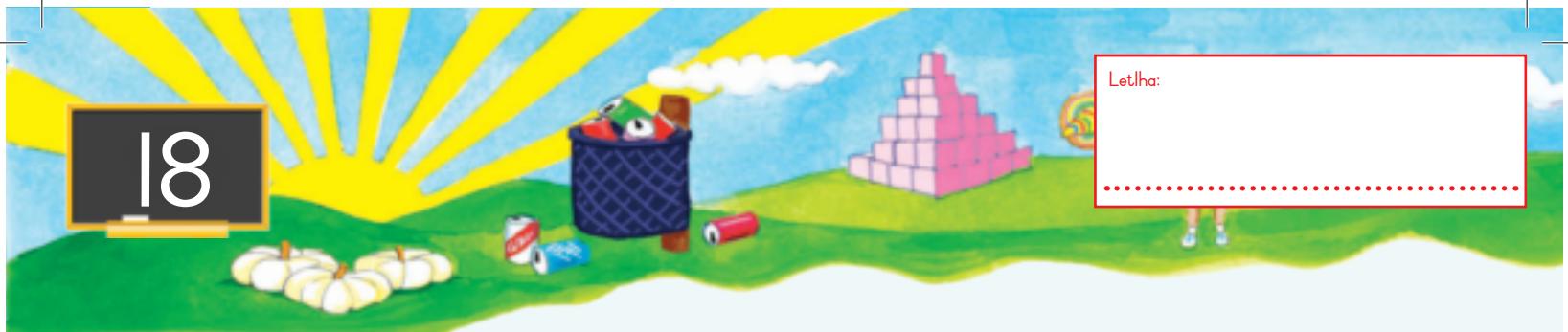
Batla dipalo tse 5 mo lokwalodikganny magareng ga 50 le 99 mme o di kgomaretse fa.

| |
|--|
| |
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Date:

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



Letihā:



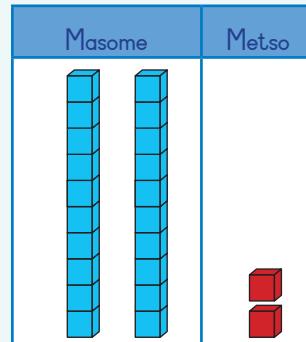
Kemopalo go 99

Go bontsha dinomore ka go dirisa dilo

Re kgora go bontsha dipalo ka diboloko tsa kemopalo.

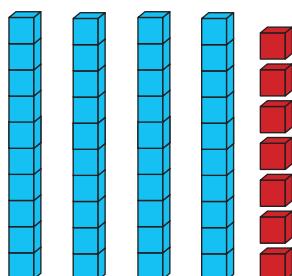
Boloko bo bonnye bo emela I. Ke motso.

Thobanyane ya diboloko tse dinnye di le IO e emela IO. Ke lesome (IO).



O ka bontsha palo ka go dirisa masome le metso.

Fano ke ka moo re bontshang 47.



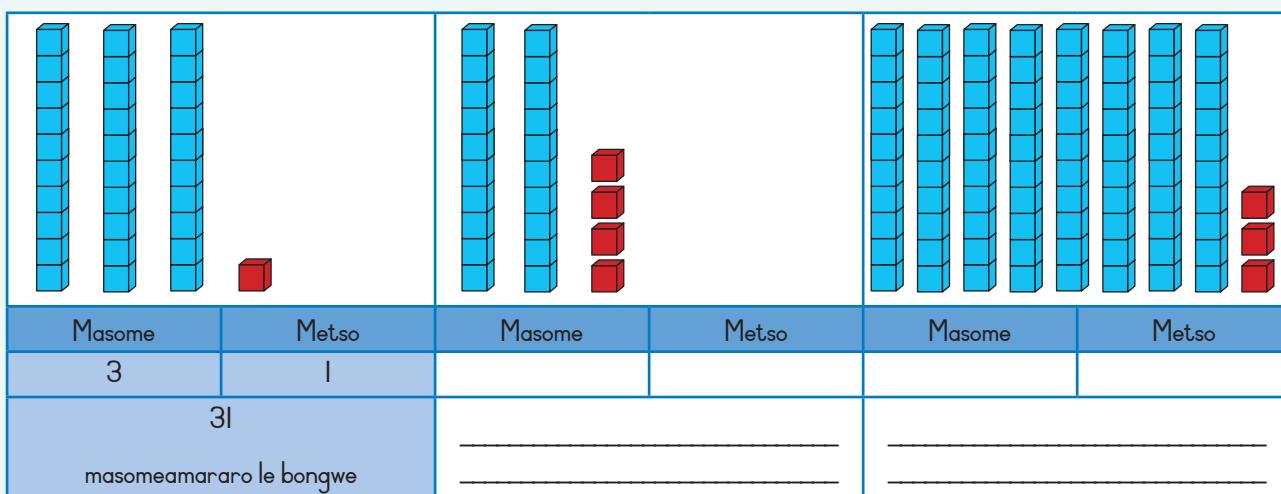
| Masome | Metso |
|--------|-------|
| 4 | 7 |

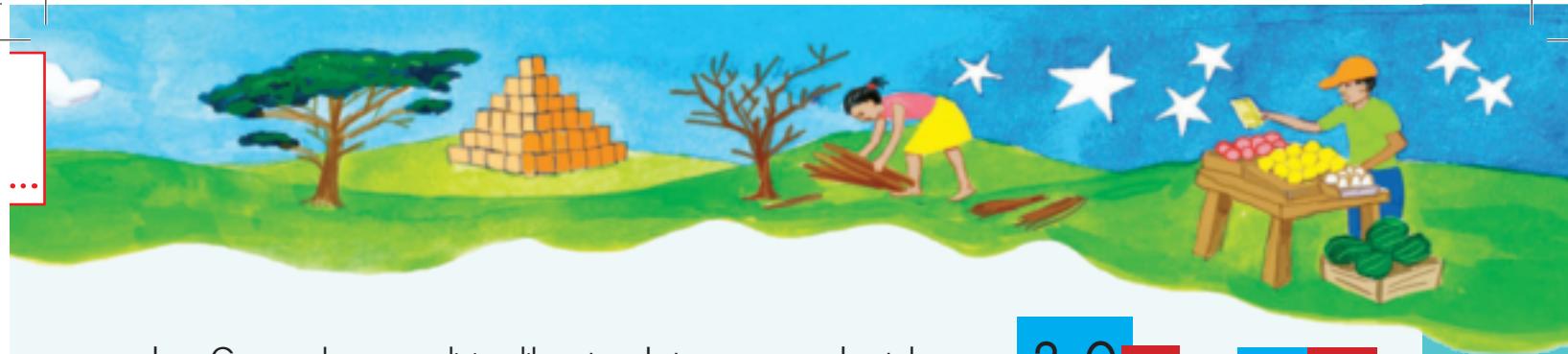
masomeamane le bosupa 47



Go kwala dipalo ka dinoko le mafoko

- a. Ka fa tlase ga setshwantsho, kwala gore ke masome a le makae le metso e le mekae.
Morago o kwale nomore ka dinoko le mafoko.





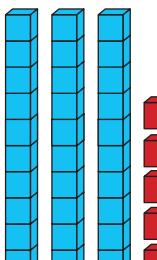
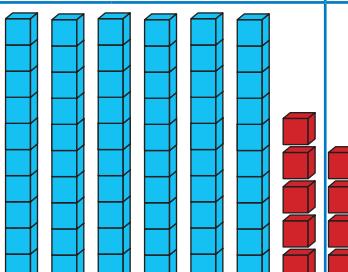
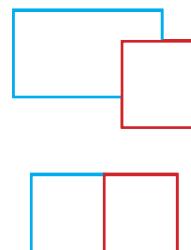
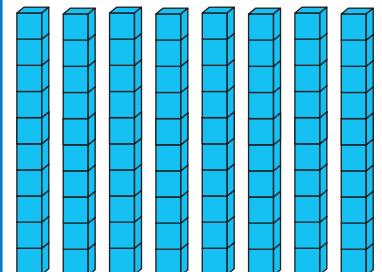
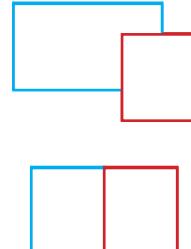
b. Gape re kgona go dirisa dikaratapalo tsa rona go e bontsha.

2 0 **6** 2 **6**

| Palo | Ke masome a le kae? | Ke metso e mekae? | Kwala palo ka mafoko |
|------|---------------------|-------------------|----------------------|
| 26 | 2 | 6 | masomeamabedithataro |
| 46 | | | |
| qq | | | |



Ke palo mang?

| | | | | | | |
|---|---|---|--------|-------|---|---|
|  | 3 0 5 3 5 | <table border="1"> <tr> <td>Masome</td> <td>Metso</td> </tr> <tr> <td>3</td> <td>5</td> </tr> </table> masomeamararothano 35 | Masome | Metso | 3 | 5 |
| Masome | Metso | | | | | |
| 3 | 5 | | | | | |
|  |  | <table border="1"> <tr> <td>Masome</td> <td>Metso</td> </tr> <tr> <td> </td> <td> </td> </tr> </table> <hr/> <hr/> | Masome | Metso | | |
| Masome | Metso | | | | | |
| | | | | | | |
|  |  | <table border="1"> <tr> <td>Masome</td> <td>Metso</td> </tr> <tr> <td> </td> <td> </td> </tr> </table> <hr/> <hr/> | Masome | Metso | | |
| Masome | Metso | | | | | |
| | | | | | | |

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11 12 13 14 15 16 17 18 19 20

IQ



Buisa

Go baya masome mmogo fa re tlhakanya go fitlha go qq

| <p>Fano ke tsela e le nngwe ya go bontsha 22.</p> <table border="1"> <thead> <tr> <th>Masome</th> <th>Metso</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table> <p>lesome le le 1 bonngwe ba le 12</p> <p>1 0 1 0 2</p> | Masome | Metso | | | <p>Re na le lesome le le lengwe</p> <p></p> <p>Re na le metso e le lesomapedi</p> <p></p> <p>Re tlaa baya 10 la metso mo setlhopheng</p> | <p>Jaanong re na le tsela e nngwe ya go bontsha 22.</p> <table border="1"> <thead> <tr> <th>Masome</th> <th>Metso</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table> <p>masome a le 2 bonngwe ba le 2</p> <p>2 2</p> | Masome | Metso | | |
|---|--------|-------|--|--|--|---|--------|-------|--|--|
| Masome | Metso | | | | | | | | | |
| | | | | | | | | | | |
| Masome | Metso | | | | | | | | | |
| | | | | | | | | | | |

A re tlhakanye **27 + 4**. Re simolola ka diboloko tse di botala jwa legodimo mme re tlhakanya le tse di khidbidu.

| <p>27 ke masome a 2 le bonngwe ba 7 le metso e mengwe e le mene.</p> <table border="1"> <thead> <tr> <th>Masome</th> <th>Metso</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table> <p>masome a le 2 bonngwe ba le 7 + bonngwe ba le 4</p> <p>2 0 7 4</p> | Masome | Metso | | | <p>Re na le masome a le 2 le bonngwe ba le II.</p> <table border="1"> <thead> <tr> <th>Masome</th> <th>Metso</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table> <p>Re ka bontsha bonngwe ba le 10 jaaka lesome le le lengwe.</p> <p>2 0 1 0 1</p> | Masome | Metso | | | <p>Jaanong re na le masome a le 3s + nngwe a le 1 = 31</p> <table border="1"> <thead> <tr> <th>Masome</th> <th>Metso</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table> <p>3 1</p> <p>— + — = —</p> | Masome | Metso | | |
|--|--------|-------|--|--|--|--------|-------|--|--|---|--------|-------|--|--|
| Masome | Metso | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Masome | Metso | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Masome | Metso | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |



Kwala polelopalo e e bontshiwang ke setshwantsho

| Masome | Metso | Masome | Metso | Masome | Metso |
|----------------------|---|---|----------------------|----------------------|----------------------|
| | | | | | |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| $10 + 5 + 6$ | $\underline{\quad} + \underline{\quad} + \underline{\quad}$ | $\underline{\quad} + \underline{\quad} = \underline{\quad}$ | | | |

Feleletsa setshwantsho. Kwala dipalopolelo tse di bontshiwang ke setshwantsho.

| | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Masome | Metso | Masome | Metso | Masome | Metso |
| | | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <input type="text"/> |
| Masome | Metso | Masome | Metso | Masome | Metso |
| | | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <input type="text"/> |



20a

Letlha:

Tlhakanya mo molapalonng

Nna kwa tseskeng ya gago!



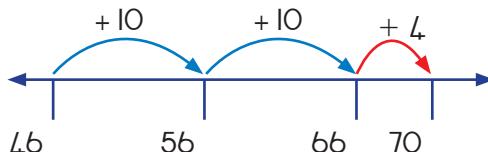
Mo sekolong sa rona moithuti yo mongwe le yo mongwe o na le teseke ya gagwe.

Go na le barutwana ba le 46 mo Mophatong wa 3A le 24 mo Mophatong wa 3B.

Ke diteseke di le kae tse re di tlhokang mo ditlelaseng di le pedi?

Dira le molekane wa gago

Leba ka moo baithuti ba bararo ba ba dirisitseng molapalo go rarabolola bothata. Feleletsa dipalo ka go dirisa sekao.



Se ke se ke se dirang: Sa ntlha ke tlhakanya 10. Seno se ntlsa go 56.

Morago ke tlola 10 e nngwe go fitlha go 66.

Mme la bofelo, ke tlola gape ga 4 go tlhoma kwa go 70.

$$\begin{aligned} &= 46 + 10 + 10 + 4 \\ &= 56 + 10 + 4 \\ &= 66 + 4 \\ &= 70 \end{aligned}$$

Ke tshwanetse go tlhakanya 24 le 46.



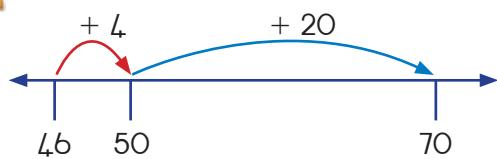
a. $32 + 25 =$





b. $52 + 26 = \square$

c. $46 + 25 = \square$



Ke tshwanetse go tlhakanya 24 le 46.



Se ke se ke se dirang: Sa ntlha ke tlaa tlola 4. Seo se tlaa ntlista go 50. Nka tlola gape ga 20, seo se tlaa ntlisang go 70.

$$= 40 + 10 + 20$$

$$= 50 + 20$$

$$= 70$$

a. $36 + 41 = \square$



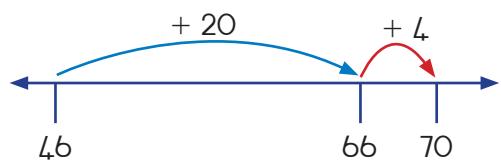
20b

Letlhah:

Kgweditharo |

Tlhakanya mo molapalong (tsweletso)

b. $57 + 19 = \square$



Ke tshwanetse go tlhakanya 24 le 46.



Se ke se ke se dirang: Go tswa go 46, nka tlola 20. Seo se ntisia go 66.
Jaanong ke tshwanetse go tlola ga 4 gape mme morago ke tlaa fitlhah go 70.

$$= 46 + 20 + 4$$

$$= 66 + 4$$

$$= 70$$

a. $63 + 24 = \square$



b. $65 + 29 = \square$





Ke dilofo di le kae?

Mmaki o tlisa dilofo di le 54 tse di thokwa le di le 68 tse ditshweu.

- a. Ke dilofo di le kae di le mmogo?

- b. Batla palogotlhе mo molapalong. Bontsha **dipalo** le **bogolo** (saese) jwa metlolo.

← 0 → 150



Tlhakanya tse di latelang ntle le go dirisa molapalo.
Dirisa mokgwa ofe kapa ofe o o o ratang.

$38 + 24 =$

$58 + 17 =$

$75 + 16 =$

$83 + 29 =$



2|a

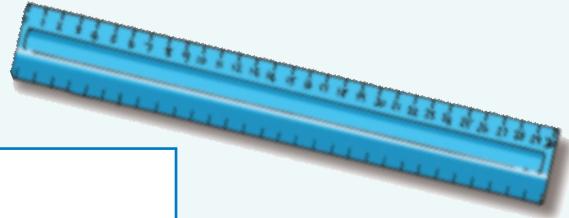
Letlhao:

Ntsha mo molapalong

Moithuti a le mongwe! Rula e le nngwe!

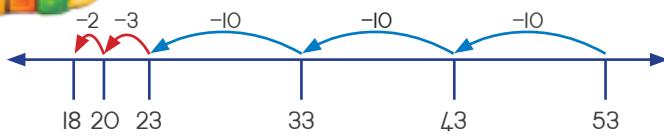
Phaposi e tlhoka dirula di le 53. Re na fela le di le 35.

Ke di le kae gape tse re di tlhokang? $53 - 35 =$



Dira le molekane

Buisa gore baithuti ba le bararo ba dirisa molapalo jang fa. Feleletsa dipalo o dirisa sekao.



Ke tshwanetse go ntsha
35 mo go 53. Ntsha e kaya
go tlosa.



Jaanong, ke tlaa simolola kwa go 53 le go ntsha. Ke tlaa ntsha 10, 10, 10 – seo se ntlisa go 23. Jaanong go ntsha tlhano, sa ntlha ke ntsha 3, mme ke fitlha go 20. Ke ntsha gape 2 ke, bo ke fitlha go 18. Ka jalo re tlhoka dirula di le 18.

$$= 53 - 10 - 10 - 10 - 3 - 2$$

$$= 43 - 10 - 10 - 3 - 2$$

$$= 33 - 10 - 3 - 2$$

$$= 23 - 3 - 2$$

$$= 20 - 2$$

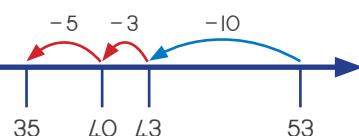
$$= 18$$



a. $68 - 24 = \boxed{}$

b. $74 - 38 = \boxed{}$

c. $92 - 87 = \boxed{}$



Ntsha e kaya go batla
pharologano magareng ga
53 le 35.



Ke tlala simolola kwa go 53 le go balela go ya tlase go 35 go batla pharologano. Fa ke balela go ya kwa morago ka 10, ke bona 43. Nka balela go ya morago ga 3 gape go bona 40. Morago ke bala 5 gape go ya tlase go bona 35. 10 tlhakanya le 3 tlhakanya le 5 ke 18. Ka jalo re tlhoka dirula di le 18 gape.

a. $38 - 14 = \boxed{}$



2lb

Letlha:

Ntsha mo molapalong (tsweletso)

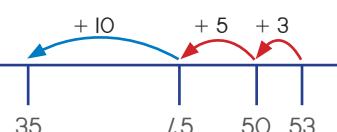
b. $65 - 43 = \square$



c. $72 - 39 = \square$



d. $85 - 48 = \square$



Nka simolola mo go 35 go
bona gore go tlaa ntsaya
metlolo e le mekae go bala
go fitlha go 53.



Nka simolola kwa go 35 le go bona gore go ntsaya ditlolo di le kae go
bala go fitlha go 53. Lesome tlhakanya le tlhano tlhakanya le tharo ke
18. Re tlhoka dirula di le 18 gape.

a. $84 - 32 = \square$





b. $96 - 53 =$

← →

c. $78 - 19 =$

← →

d. $63 - 47 =$

← →



Tsamaya ka tekesi

Leeto ka tekesi go ya toropong ke 65 km.
Go fitlha gajaana tekesi e tsamaile 38 km.

Ke di le kae gape tse di tlaa tsamaiwang?

Dirisa molapalo go rarabolola bothata bo.



← →

km





Sa ntlha rulaganya!

Busi o kopa ditsala tsa gagwe tsotlhhe go mo naya setshwantsho sa dijo tsa moletlo tse a di ratang. Se ke se a se kgobokantseng. Thusa go e rulaganya.



Bala, mme o kwale gore ke ditsala di le kae tse di tlhophang mofuta mongwe le mongwe wa dijo.

| | | | | |
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| | | | | |
| Palo | | | | |



Feleletsa kerafo ya setshwantsho. Dirisa theibole ya gago go go thusa.



Thala ngwana mongwe le mongwe yo o tlhophang mofuta oo wa seno kgotsa dijo sefatlhego se le sengwe (☺) .

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23

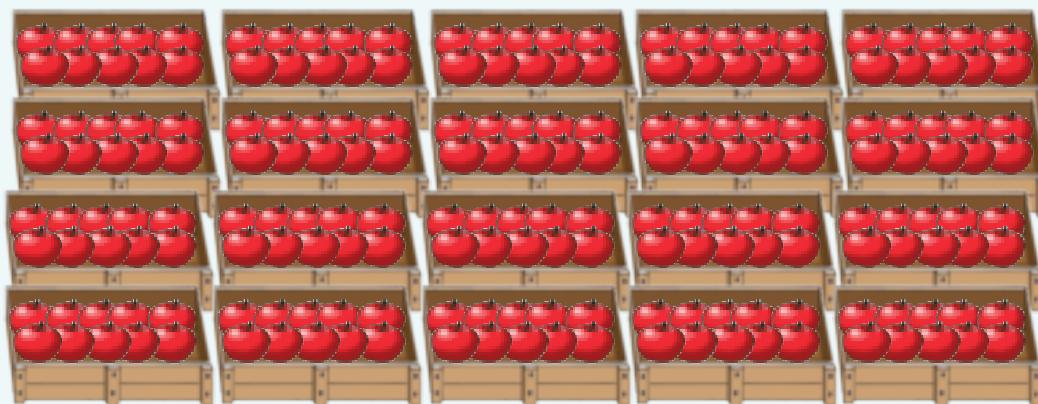
Letlha:

Kgweditharo I



Go bala go fitlha 200

O bona diapole di le kae?



Tlatsa dipalo

Lebokoso le le l le na le diapole

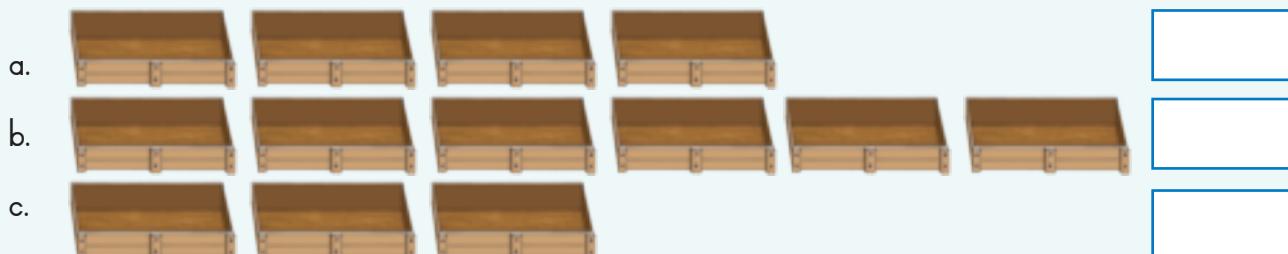
Mola o le l o na le diapole

Mola o le l o na le mabokoso

Mela e le 4 e na le diapole



Re kgoná go paka diapole di le kae mo mabokosong a?

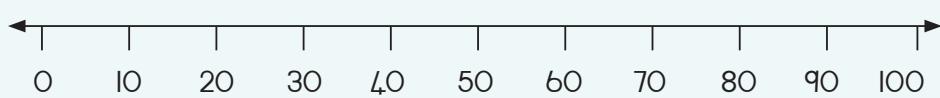


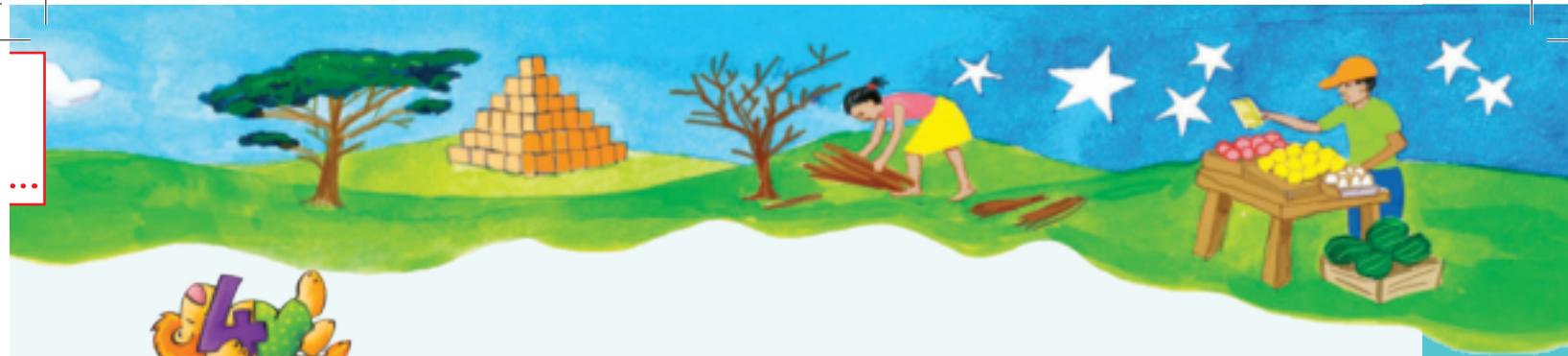
Bala mo molapalong.

a. Go tláa tsena diapole di le kae mo mabokosong a le matlhano?



b. Go tláa tsena diapole di le kae mo mabokosong a le supa?





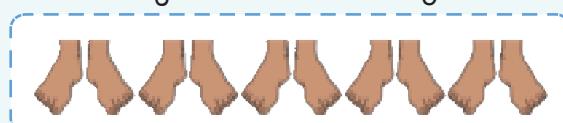
Dilo tse 3 tsa 10 di dira **3 0** $3 \times 10 =$ **3 0** kgotsa $10 \times 3 =$ **3 0**

Dilo tse 5 tsa 10 di dira _____ \times _____ = _____ kgotsa _____ \times _____ = _____

Dilo tse 2 tsa 10 di dira _____ \times _____ = _____ kgotsa _____ \times _____ = _____

Dipara di le 5 tsa maoto.

Di na le menwana ya maoto e le mekae gotlhlele?



$10 + 10 + 10 + 10 + 10 =$ **5 0** $5 \times 10 =$ _____

$10 \times 5 =$ _____

Dira tse ka mokgwa o o tshwanang.

Dipara tse 4 tsa maoto. Menwana ya maoto e le mekae?

_____ \times _____ = _____ kgotsa _____ \times _____ = _____

Dipara tse 3 tsa maoto. Menwana ya maoto e le mekae?

_____ \times _____ = _____ kgotsa _____ \times _____ = _____



A re baleng

10, 20, 30, 40, 50, _____, _____, _____, _____, _____,

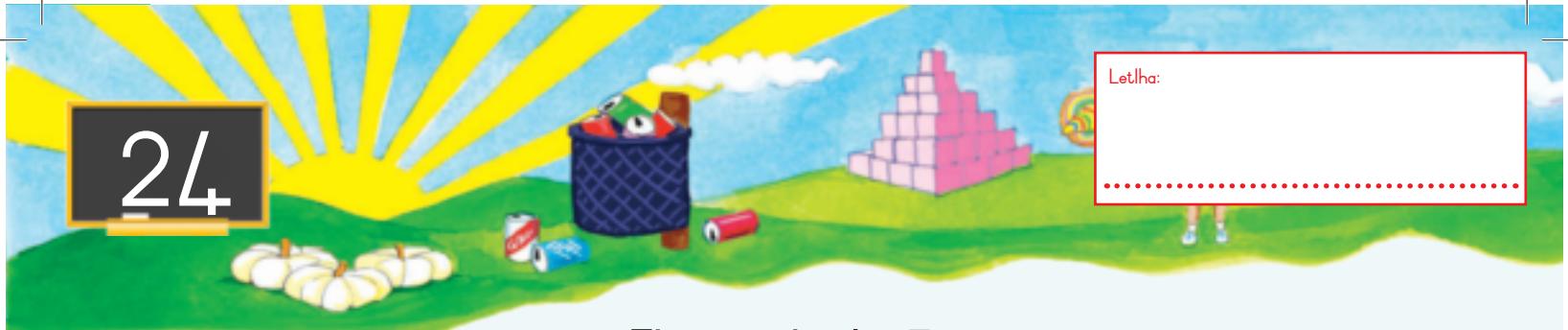
_____, _____, _____, _____, _____, _____, _____, _____, 200



11 12 13 14 15 16 17 18 19 20



24



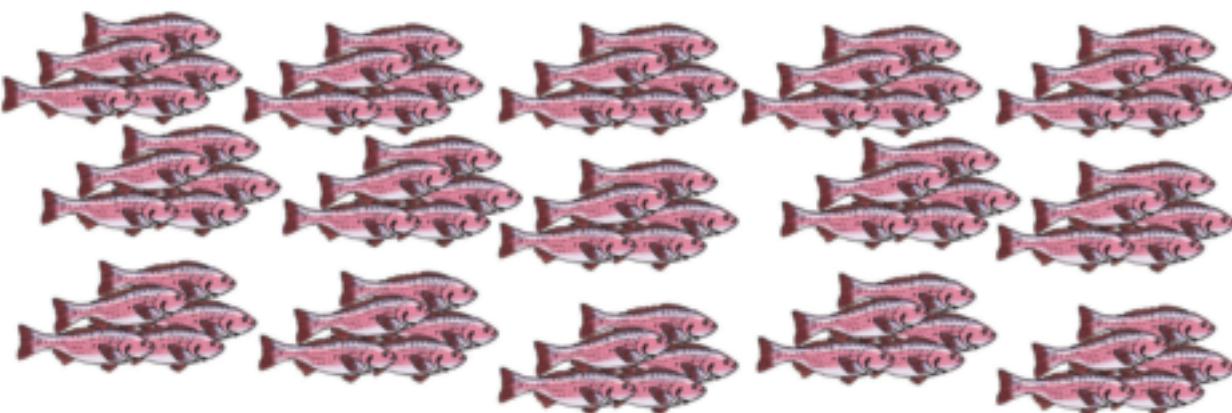
Letlhah:

.....

Kgwenditharo I



Ke ditlhapi di le kae? Fopholetsa



Jaanong bala ditlhapi. Batla palogotlhhe.



Go bala ka bo5

Batla palogotlhhe ya mae a tlhapi. Kwala polelopalo ya + le X.
Re go diretse ya ntllha.

| Tlhapi le mae | Mae a le makae gotlhelile |
|--|---------------------------|
| Ditlhapi di le 5, e nngwe le e nngwe e beela mae a le 2 | $2 + 2 + 2 + 2 + 2 = 10$ |
| Ditlhapi di le 5, e nngwe le e nngwe e beela mae a le 10 | $5 \times 2 = 10$ |
| Ditlhapi di le 5, e nngwe le e nngwe e beela mae a le 4 | |
| Ditlhapi di le 5, e nngwe le e nngwe e beela mae a le 3 | |
| Ditlhapi di le 5, e nngwe le e nngwe e beela mae a le 6 | |
| Ditlhapi di le 5, e nngwe le e nngwe e beela mae a le 8 | |
| Ditlhapi di le 5, e nngwe le e nngwe e beela mae a le 5 | |



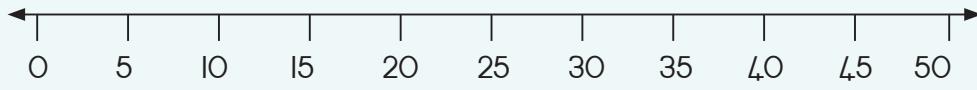
Feleletsa dipolelopalo le melapalo



$$5 + 5 + 5 + 5 + 5 + 5 + 5 = \boxed{35} \text{ kgotsa}$$

$$\boxed{7} \times \boxed{5} = \boxed{35}$$

a.



$$5 + 5 + 5 + 5 = \boxed{\quad} \text{ kgotsa} \quad \boxed{\quad} \times \boxed{\quad} = \boxed{\quad}$$

b.



$$5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 = \boxed{\quad} \text{ kgotsa} \quad \boxed{\quad} \times \boxed{\quad} = \boxed{\quad}$$

c.



$$\underline{\quad} + \quad \boxed{\quad} = \quad \text{kgotsa } 10 \times 5 = 50$$



Tshwara tlhapi

Sipho o tshwara magareng ga ditlhapi di le 40 le 50. O di bala ka bo2 mme o na le e le l e e setseng.

O di bala ka bo5 mme o na le di le 2 tse di setseng.



Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

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25a

Letihā:



Go bala dikausu

Bala ka bo2



- Go na le dikausu di le kae? _____
- Go na le dipara di le kae tsa dikausu? _____
- A go na le dikausu tse di setseng? _____



Go bala dipara tsa dikausu

Kwala gore go na le dikausu di le kae le gore a go na le di le kae tse di setseng.

| Dikausu | Palo ya dipara | Palo ya dikausu | Dikausu tse di setseng |
|---------|----------------|-----------------|------------------------|
| | | | |
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Teacher:
Sign:
Date:

25b

Letlhao:



Bala ka bo2 (tsweletso)

Kwala dipalomaleka le dipalomafeta tsa go tloga I – 60.

- a. Kwala dipalomaleka go tloga ka I – 60.

2, 4, 6,

- b. Kwala dipalomafeta go tloga ka I – 60.

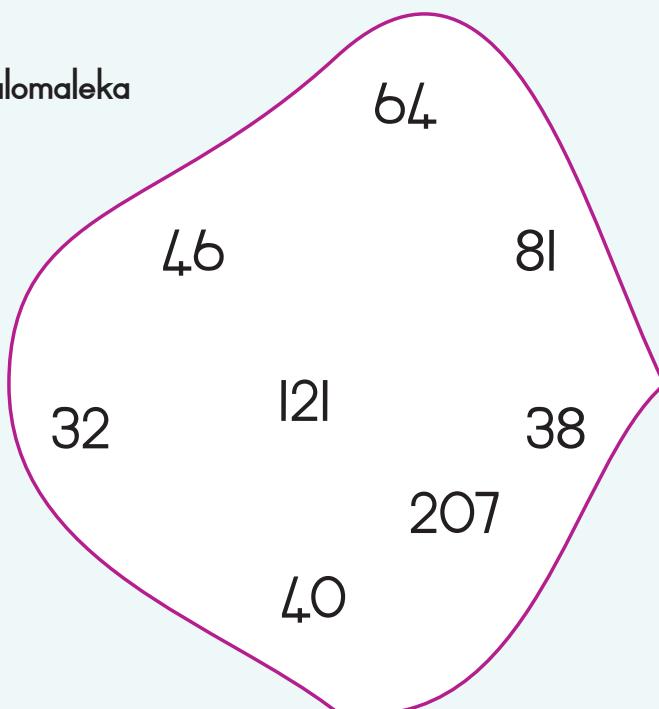
3, 5, 7,



Dipalomafeta le diapalomaleka

Thala tshekeletsa go dikologa dipalomaleka.

Thala sekwere (khutlonne) go dikologa dipalomafeta.





Go tswa kwa dipareng go ya kwa dikausung

Sekao:

Dikausu di le 2 = para e le 1
 $2 \times 1 = 2$



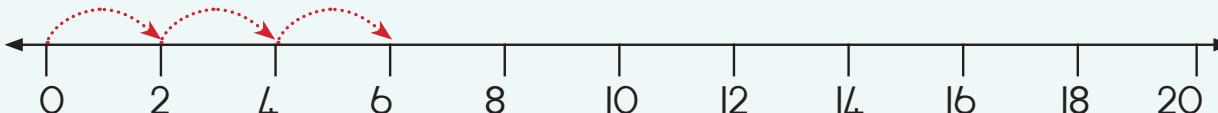
Dikausu di le 20 = Dipara di le 10
 $2 \times 10 = 20$

a. Kwala gore ke dikausu di le kae?

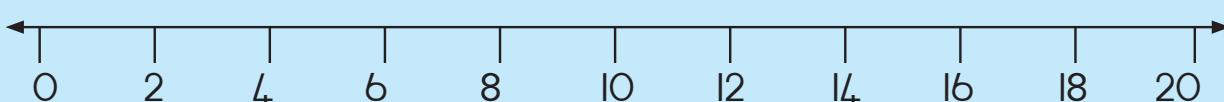
| Nagana ka bo2 | Polelopalo |
|--------------------------------------|---|
| Para e le 1 = dikausu di le 2 | <input type="text"/> 1 \times <input type="text"/> 2 = <input type="text"/> 2 |
| Dipara di le 2 = dikausu di le _____ | <input type="text"/> 2 \times <input type="text"/> 2 = <input type="text"/> |
| Dipara di le 4 = dikausu di le _____ | |
| Dipara di le 8 = dikausu di le _____ | |
| Dipara di le 9 = dikausu di le _____ | |

b. Bontsha palelo mo molapalong mme o feleletse.

$$2 + 2 + 2 = 6 \text{ kgotsa } 3 \times 2 = 6$$



$$2 + 2 + 2 + 2 + 2 + 2 + 2 = \boxed{\quad} \text{ kgotsa } \boxed{\quad} \times \boxed{\quad} = \boxed{\quad}$$



11 12 13 14 15 16 17 18 19 20



26

Letlhao:

Tšhelete maloba le jaanong



Kgang ya tšhelete ya rona

Mo Aforikaborwa re dirisa diranta le disente jaaka tšhelete ya rona. Re simolotse go dirisa diranta le disente ka 1961. Mo malatsing ao khoene ya sente e le 1 e ne e le e nnye, go latele disente tse 2 mme morago disente di le 5.





Go bala disente

Bala disente.

Go na le disente di le kae?

O tlhoka disente di le kae gape go dira R1,00?

Di thale mo bolokong.



Ke disente di le kae?

| | |
|--------------------------------|--------------------------------|
| R1,00 = <input type="text"/> c | R2,00 = <input type="text"/> c |
| R3,00 = <input type="text"/> c | R1,50 = <input type="text"/> c |



Leungo le ja bokae?

2 e ja R4,00.

O ka bona dipanana di le kae ka R20,00?



2 e ja R2,00.

O ka bona diapole di le kae ka R9,00?



11 12 13 14 15 16 17 18 19 20

27



Letihā:

Bala ka bo3



Maotwana ka bo3



Teraesekelē e le 1 e na le maotwana a le ____.

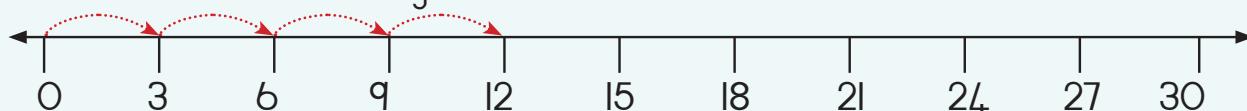


| | |
|---|--|
| Diteraesekelē di le 5 di na le maotwana a le ____ | $3 + 3 + 3 + 3 + 3 = 5 \times 3 = _____$ |
| Diteraesekelē di le 2 di na le maotwana a le ____ | $3 + 3 = 2 \times 3 = _____$ |
| Diteraesekelē di le 4 di na le maotwana a le ____ | |
| Diteraesekelē di le 6 di na le maotwana a le ____ | |
| Diteraesekelē di le 9 di na le maotwana a le ____ | |
| Diteraesekelē di le 8 di na le maotwana a le ____ | |

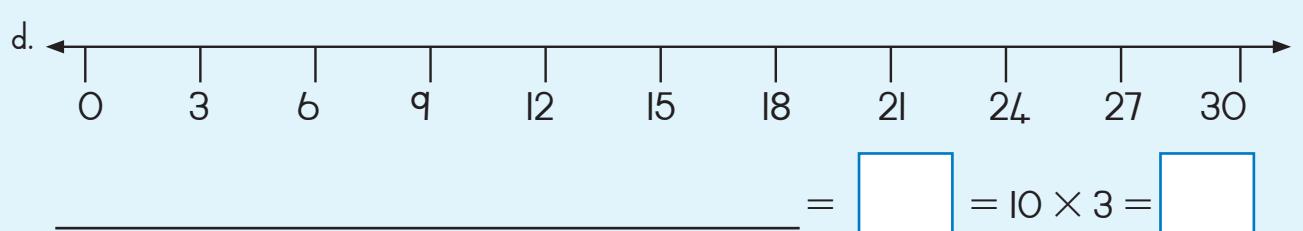
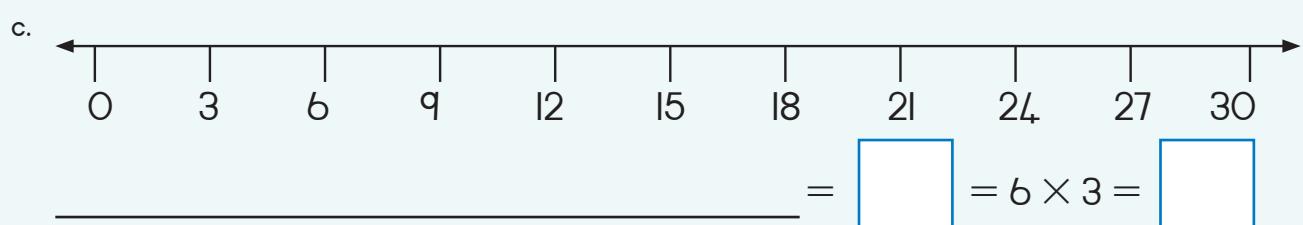
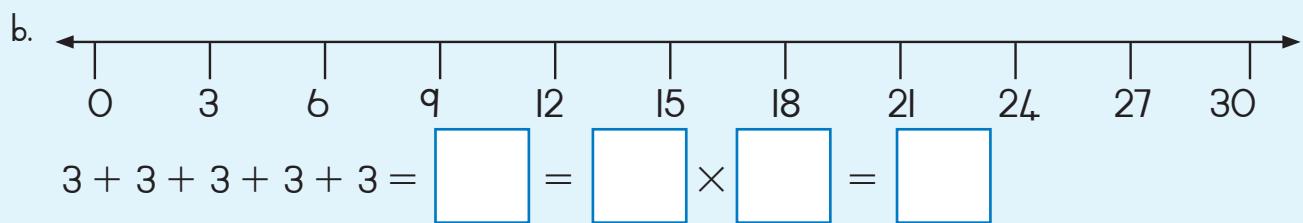
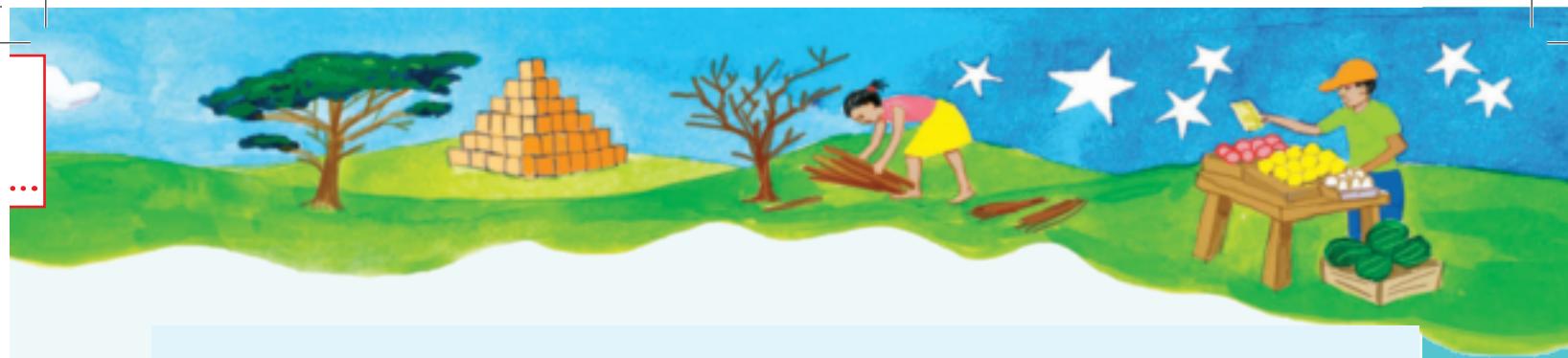


Melapalo

Sala sekao morago.



a. $3 + 3 + 3 + 3 = \boxed{ } = 4 \times 3 = \boxed{ }$



Dibaesekele le diteraesekele



Kwa lebenkeleng la dibaesekele Busi o bala maotwana a dibaesekele le diteraesekele.
Go na le maotwana a le 14 a otlhe.

Go na le dibaesekele di le kae? _____

Go na le diteraesekele di le kae? _____



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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28

Letlhha:

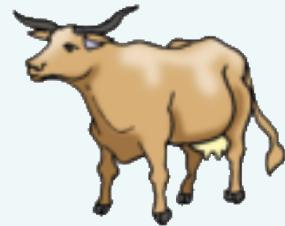
Ke eng se se tl Lang ka bo4?



Maoto a le mane

Maoto a kgomo a tla ka bo4.

Dingwe tsa dintlhha
tsa nomore 4 ...
 $4 + 4 = 8; 2 \times 4 = 8$



Ke eng gape se se tl Lang ka bone? _____

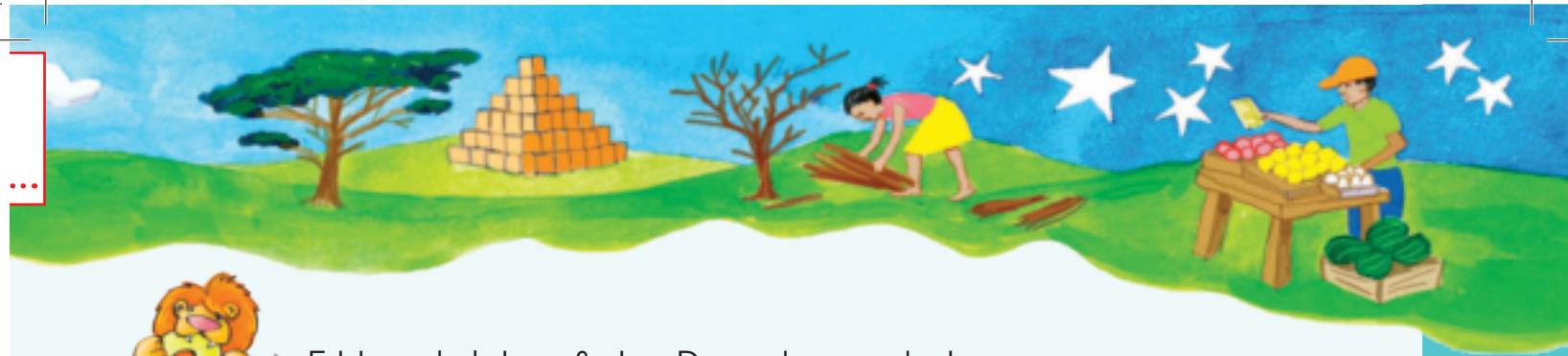


Bala maoto

Bontshanang dikarabo.
Tlhalosa se o se dirileng.

Dirisa dintlhha tse o di itseng ka bo4 go araba dipotso tse:

| | |
|--|--|
| Kgomo 1 <input type="text" value="4"/> maoto | Dikgomo 2 <input type="text" value="8"/> maoto |
| Dikgomo 3 <input type="text"/> maoto | Dikgomo 4 <input type="text"/> maoto |
| Dikgomo 5 <input type="text"/> maoto | Dikgomo 6 <input type="text"/> maoto |
| Dikgomo 7 <input type="text"/> maoto | Dikgomo 8 <input type="text"/> maoto |
| Dikgomo 9 <input type="text"/> maoto | Dikgomo 10 <input type="text"/> maoto |



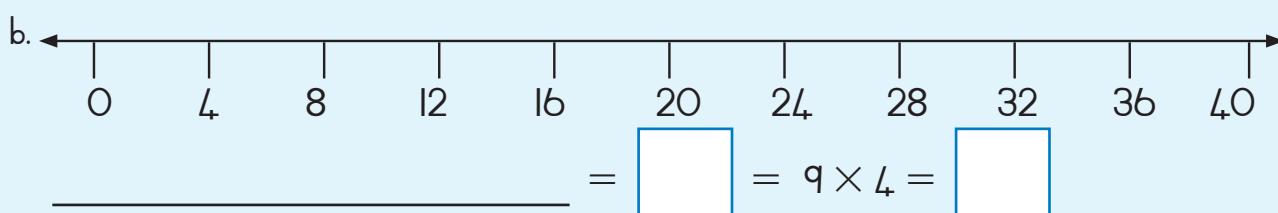
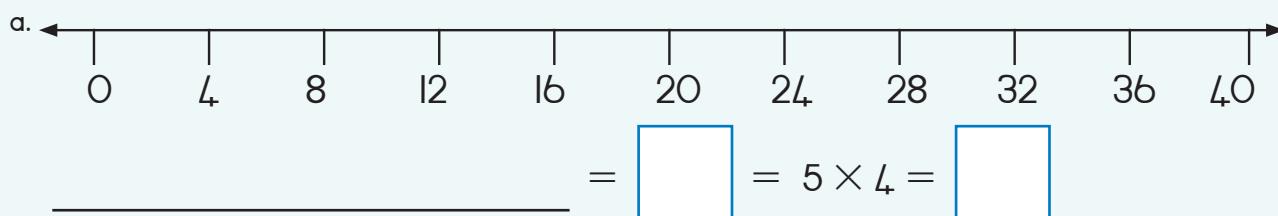
Feleletsa theibole e e fa tlase. Dirisa sekao go go kaela.

| | |
|---|--------------------------------------|
| Dikgomo tse 3 di na le maoto a le _____ | $4 + 4 + 4 = 4 \times 3 =$ <u>12</u> |
| Dikgomo tse 5 di na le maoto a le _____ | |
| Dikgomo tse 4 di na le maoto a le _____ | |
| Dikgomo tse 7 di na le maoto a le _____ | |
| Dikgomo tse 8 di na le maoto a le _____ | |



Melapalo

Bontsha palelo ya katiso mo molapalong mme o feleletse.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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Diphethene kgotsa dipaterone mo dipalong



Dipaterone tsa keriti

Ke paterone efe ya nomore e didiko mo keriting e nngwe le e nngwe ya 100 e di bontshang?
Thala didiko tse dingwe gape go feleletsa paterone e nngwe le e nngwe.

Kwala leina la phethene nngwe le nngwe.

a. Paterone:

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b. Paterone:

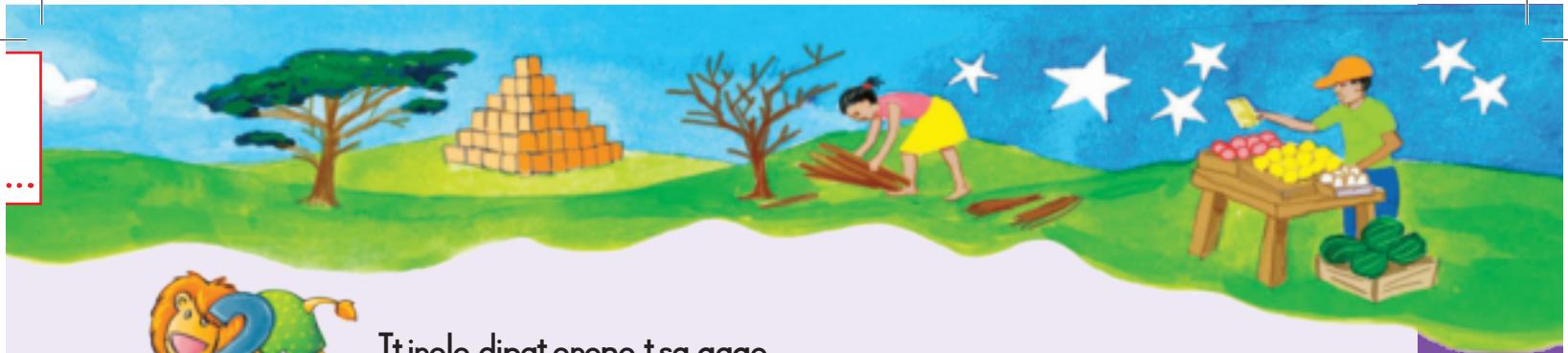
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c. Paterone:

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d. Paterone:

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Itirele dipaterone tsa gago

- a. Mo pateroneng e ya dipalo, dinomore tsotlhe ke dipalomaleka.
Dinomore tse dingwe di ka nna eng? Di kwale.



- b. Mo pateroneng e ya dipalo, dinomore tsotlhe ke dipalomafeta. Dinomore tse dingwe di ka nna eng? Di kwale.



Di tsena fa kae?



| Paterone ya bo3 le bo4 | Paterone ya bo3 le bo5 | Paterone ya bo3 le bo5 |
|------------------------|------------------------|------------------------|
| sk. 48 | | |



Kwa lewatleng

Thembi o kokoanya magareng ga disèle tsa lewatle di le 60 le 70. O di bala ka bo3, o setse ka e le l. Dipalo tse di kgonagalang ke: 61, _____, _____, 70,
Fa a di bala ka bo5, o sala ka 4.

Dipalo tse di kgonagalang ke: _____, _____.
Thembo o na le dikgapa di le kae? _____



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30a

Letihā:

Kgweditharo I

Arola



Aroganya dimonamone:



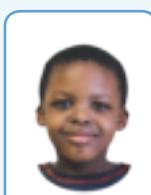
- a. Aroganya dimonamone di le 30 magareng ga bana ba le 2.



Re kgonago e kwalla jaaka

$$30 \div 2 = 15$$

- b. Aroganya dimonamone magareng ga bana ba le 3.



$$\div =$$

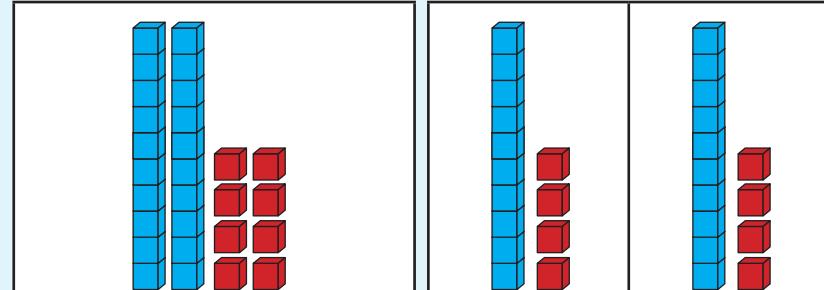
- c. Aroganya dimonamone magareng ga bana ba le 5.



$$\div =$$



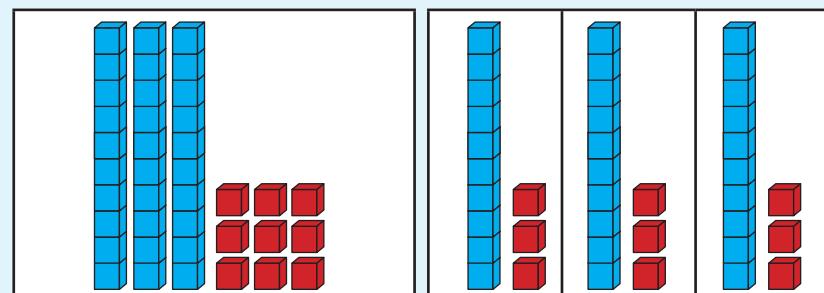
Re kcona go dirisa dibolokopalo go arola.



$$\begin{array}{r} 2 \ 8 \\ \div \ 2 \\ = \ 1 \ 4 \end{array}$$

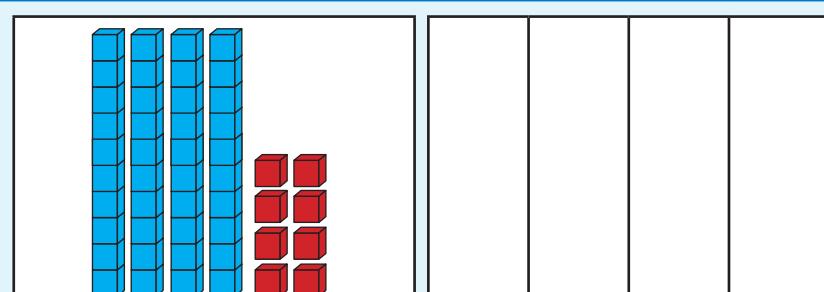
Jaanong dira tse.

a.



$$\begin{array}{r} \square \ \square \\ \div \ 3 \\ = \ \square \ \square \end{array}$$

b.



$$\begin{array}{r} \square \ \square \\ \div \ 4 \\ = \ \square \ \square \end{array}$$



| |
|----------|
| Teacher: |
| Sign: |
| Date: |

30b

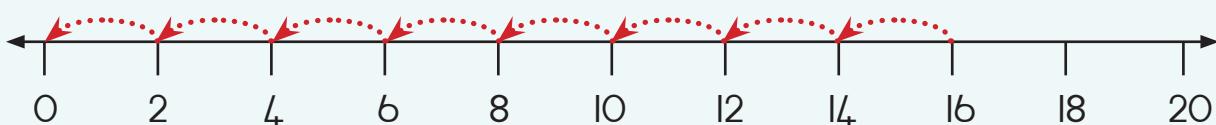
Letlhao:

Arola (tsweletso)



Dirisa melapalo go kwala polelopalo ya go ntsha le go arola.

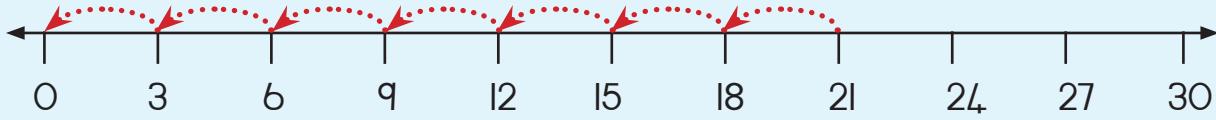
Sekao:



$$16 - 2 - 2 - 2 - 2 - 2 - 2 - 2 = 0$$

$$16 \div 2 = 8$$

a.



$$21 - \underline{\quad} =$$

$$\boxed{\quad} \div \boxed{\quad} =$$

b.



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

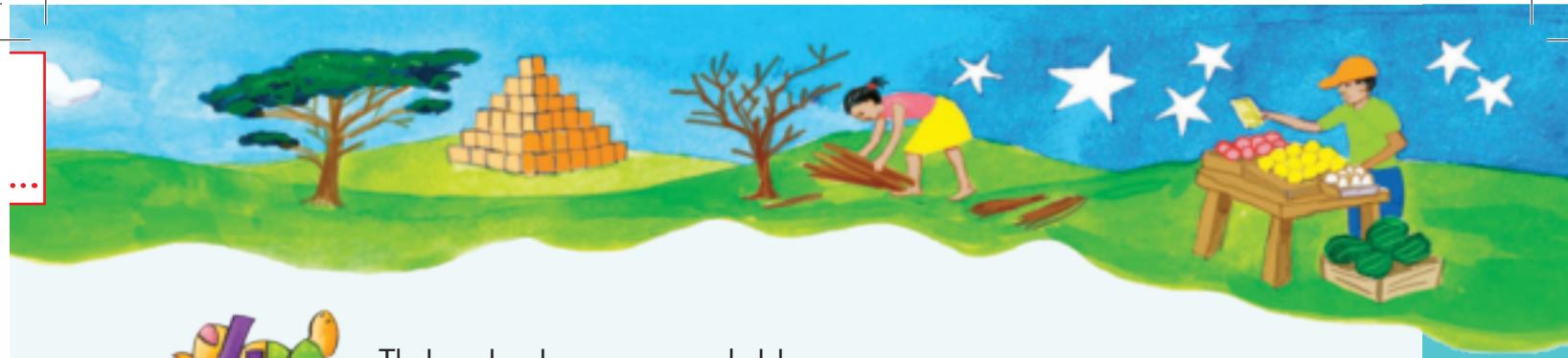
$$\boxed{\quad} \div \boxed{\quad} =$$

c.



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

$$\boxed{\quad} \div \boxed{\quad} =$$



Thala molapalo mme o o rarabolole.

a. $30 \div 5 =$



b. $22 \div 2 =$



c. $27 \div 3 =$



d. $32 \div 4 =$



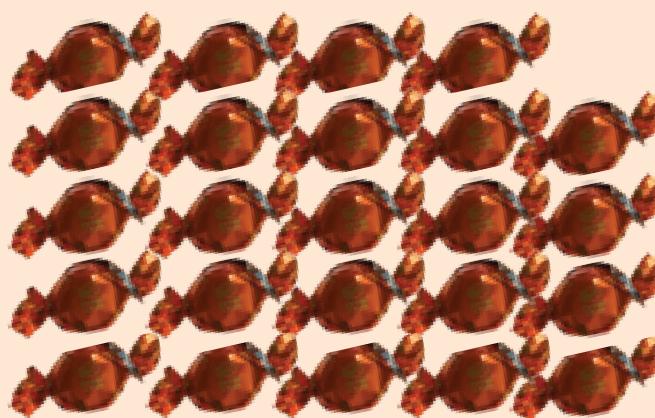
e. $25 \div 5 =$



Kgwetlho

Bontsha mekgwa yotlh
e o ka kgonang go arola
dimonamone di le 24 ka go
lekalekana magareng ga
dithlopha tsa bana ka yona.

Kwala polelopalo go bontsha
karabo ya gago.



Teacher:
Sign:
Date:

31

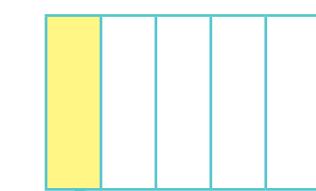
Letihā:

Kgweditharo I



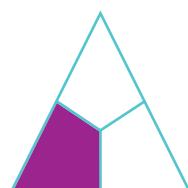
Dipalophatlo

Thala mela go golaganya sebolego le palophatlo



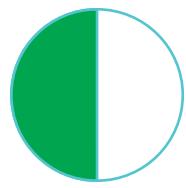
Nngwetharong

$$\frac{1}{3}$$



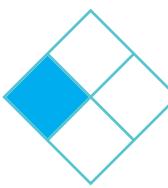
Nngwetlhanong

$$\frac{1}{5}$$



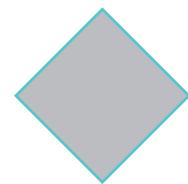
Kotara e le nngwe

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



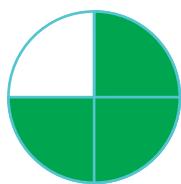
Halofo e le nngwe

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



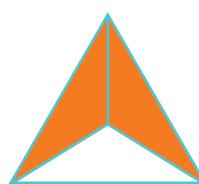
Dikotara di le tharo

$$\frac{3}{4}$$



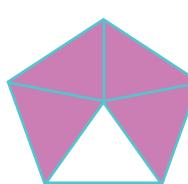
Nnetlhanong

$$\frac{4}{5}$$



Palogotlhe e le nngwe

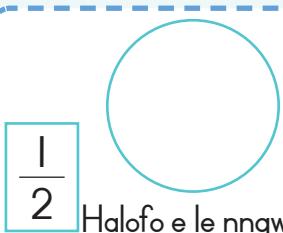
$$1$$



Peditharong

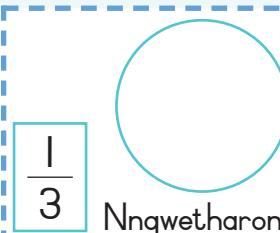
$$\frac{2}{3}$$

Arola mme o khalare:



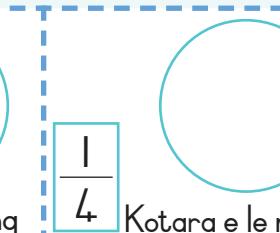
$$\frac{1}{2}$$

Halofo e le nngwe



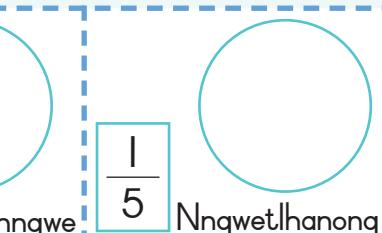
$$\frac{1}{3}$$

Nngwetharong



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

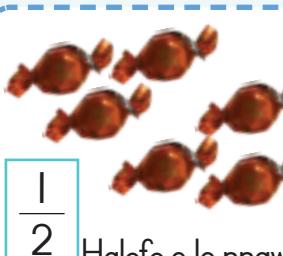
Kotara e le nngwe



$$\frac{1}{5}$$

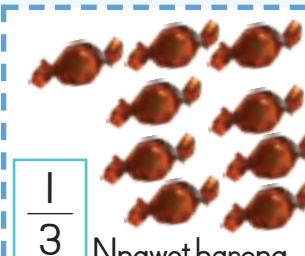
Nngwetlhanong

Bontsha _____ ya dimonamone:



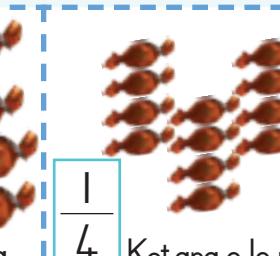
$$\frac{1}{2}$$

Halofo e le nngwe



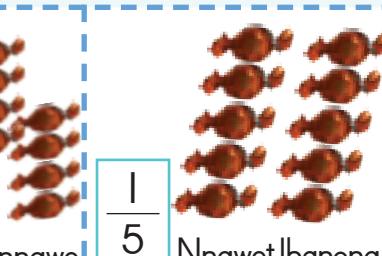
$$\frac{1}{3}$$

Nngwetharong



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

Kotara e le nngwe



$$\frac{1}{5}$$

Nngwetlhanong



Aroganya dibadi magareng ga bana ba babedi.

| | | | | | | | | | | | | | | | | | | | |
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| <ul style="list-style-type: none"> Re amogetse dibadi di le <u>2</u> mongwe le mongwe. $\frac{1}{2}$ ya dibadi tse <u>4</u> ke <u>2</u>. | <ul style="list-style-type: none"> Re amogetse dibadi di le <u> </u> mongwe le mongwe <u> </u> ya dibadi tse <u> </u> ke <u> </u>. | <ul style="list-style-type: none"> Re amogetse dibadi di le <u> </u> mongwe le mongwe <u> </u> ya dibadi tse <u> </u> ke <u> </u>. | <ul style="list-style-type: none"> Re amogetse dibadi di le <u> </u> mongwe le mongwe <u> </u> ya dibadi tse <u> </u> ke <u> </u>. | | | | | | | | | | | | | | | | |
| $4 \div 2 = 2$ | <u> </u> \div <u> </u> = <u> </u> | <u> </u> \div <u> </u> = <u> </u> | <u> </u> \div <u> </u> = <u> </u> | | | | | | | | | | | | | | | | |



Aroganya dimonamone magareng ga bana.

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|----------|----------|----------|----------|----------|----------|----------|---|--|--|--|----------|----------|----------|---|--|--|--|--|--|----------|----------|----------|----------|----------|
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| <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | | | | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none"> $\frac{1}{4}$ ya dimonamone = 3 $\frac{2}{4}$ ya dimonamone = <u> </u> $\frac{3}{4}$ ya dimonamone = <u> </u> $\frac{4}{4}$ ya dimonamone = <u> </u> | <ul style="list-style-type: none"> $\frac{1}{3}$ ya dimonamone = <u> </u> $\frac{2}{3}$ ya dimonamone = <u> </u> $\frac{3}{3}$ ya dimonamone = <u> </u> | | | | | | | | | | | | | | | | | | | | | | | | | |



Teacher:
Sign:
Date:

32

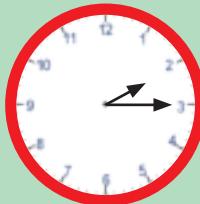
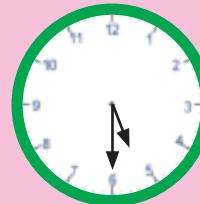
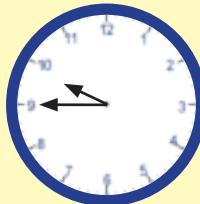


Ke ka ga nako

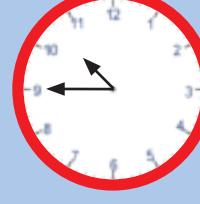
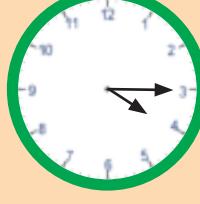


Tsamao ya nako

Re ka kwala nako e e tshwanang ka ditsela tse di farologaneng.

| | | |
|---|---|---|
|  |  |  |
| 2:15 kotara morago ga ura ya bobedi | 5:30 seripa morago ga ura ya botlhano | 9:45 kotara go ya kwa ureng ya bolesome |

Kwala dinako tseno ka ditsela tse di farologaneng.

| | | |
|---|---|---|
|  |  |  |
| _____ | _____ | _____ |



Go ya gae

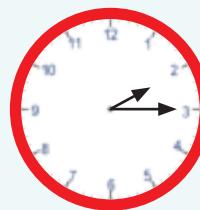
Ben o tsaya lobaka lo lo kae go fitlha kwa gae?

metsotsos

diura



Ben o tswa kwa sekolong.



Ben o tsena kwa gae.



Nako e a fofa

Nako ka bo2 ...



Go na le

metsotsos e le mekae mo diureng di le 2? _____

diura di le kae mo malatsing a le 2? _____

malatsi a le makae mo dibekeng di le 2? _____

dikgwedi di le kae mo dingwageng di le 2? _____



Ke malatsi a le makae?

Moranang 27 ke Letsatsi la Kgoalosego.

Seetebosigo 16 ke Letsatsi la Bašwa.

| Moranang | | | | | | |
|----------|-----|-----|-----|-----|-----|-----|
| Mop | Lbi | Lro | Lbe | Lbo | Lmo | Lti |
| 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 | | | | | |

| Motsheganong | | | | | | |
|--------------|-----|-----|-----|-----|-----|-----|
| Mop | Lbi | Lro | Lbe | Lbo | Lmo | Lti |
| | | | | 2 | 3 | 4 |
| 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 | | |

| Seetebosigo | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|
| Mop | Lbi | Lro | Lbe | Lbo | Lmo | Lti |
| | | | | | 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 |

- Moranang 27 ke Letsatsi la Kgoalosego. Seetebosigo 16 ke Letsatsi la Bašwa.
- Go tswa go Letsatsi la Kgoalosego go ya go Letsatsi la Bašwa go na le dikgwedi tse di tletseng di le _____, dibeke tse di tletseng di le _____ le malatsi a le _____.
- Ke dibeke tse di tletseng di le kae gotlhe? _____ Ke malatsi a le kae ao e leng masaledi? _____. Ke malatsi otlhe a le makae? _____.
- Letsatsi la botsalo la ga Lebo ke malatsi a le 7 pele ga Letsatsi la Kgoalosego. Letsatsi la ga Musa ke malatsi a le mabedi morago ga Letsatsi la Bašwa. Ke mang yo mogolo? _____ Ka malatsi a le makae? _____

Netefatsa. Bapisa. Siamisa.



33

Letlha:

Ntlha ya 200



Go bala dinomore

Bala o bo o bolela dipalo tsotlhhe go tswa go 101 go ya go 200.

Supa fa o ntse o tsamaya.



| | | | | | | | | | | |
|-----|-----|--|--|--|--|--|--|--|--|-----|
| 101 | 102 | | | | | | | | | |
| 111 | | | | | | | | | | |
| 121 | | | | | | | | | | |
| 131 | | | | | | | | | | |
| | | | | | | | | | | 149 |
| | | | | | | | | | | 154 |
| | | | | | | | | | | 165 |
| | | | | | | | | | | 173 |
| | | | | | | | | | | 180 |
| | | | | | | | | | | 181 |
| | | | | | | | | | | 186 |
| | | | | | | | | | | 198 |
| | | | | | | | | | | 200 |



Kwala dinomore

- Kwala palo e e tlogetsweng mo sekwereng se sengwe le se sengwe se se botala jwa legodimo.
- Kwala dipalo tsotlhhe tse di setseng.
- Kwala dinomore di le 10 tse di latelang morago ga 200.

200; _____; _____; _____; _____; _____; _____; _____; _____; _____



Kwala dipalo tse di tlogetsweng



a.

| | | | | | | | |
|-----|--|-----|--|--|--|--|--|
| 200 | | 180 | | | | | |
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| | | | | | | | |
| 50 | | | | | | | |
| | | | | | | | 0 |
| | | | | | | | |

b.

| | | | | | | | |
|-----|--|-----|--|--|--|--|-----|
| 87 | | 107 | | | | | |
| | | | | | | | |
| | | | | | | | |
| 167 | | | | | | | |
| | | | | | | | |
| | | | | | | | 207 |
| | | | | | | | |
| | | | | | | | 237 |



Feleletsa

$$\begin{array}{r} 200 \\ + \quad 30 \\ \hline 230 \end{array} + \begin{array}{r} 5 \\ \hline 5 \end{array} = 235$$

$$\begin{array}{r} 200 \\ + \quad 40 \\ \hline 240 \end{array} + \begin{array}{r} 7 \\ \hline 7 \end{array} = \underline{\quad}$$

$$\begin{array}{r} 200 \\ + \quad 60 \\ \hline 260 \end{array} + \begin{array}{r} 8 \\ \hline 8 \end{array} = \underline{\quad}$$

$$\begin{array}{r} \underline{\quad} \\ + \quad \underline{\quad} \\ \hline \underline{\quad} \end{array} + \begin{array}{r} \underline{\quad} \\ + \quad \underline{\quad} \\ \hline \underline{\quad} \end{array} = 293$$

$$\begin{array}{r} \underline{\quad} \\ + \quad \underline{\quad} \\ \hline \underline{\quad} \end{array} + \begin{array}{r} \underline{\quad} \\ + \quad \underline{\quad} \\ \hline \underline{\quad} \end{array} = 256$$

Kwala dipalo ka tatelano go tloga ka e nnyennygo fitlha ka e kgolokgolo.



Go bala go tloga ka 100

Bereka gore o tlhoka eng go ya kwa palong e e latelang.

Simolola



Bokhutlo



11 12 13 14 15 16 17 18 19 20

34

Letihā:



Go dira ka ditlhophha tsa dipalo

Go paka dikerese

MmaNkosi o dira kwa bodirelong jwa dikerese.
Fa dikerese di siame, o di paka jaana mo thereing mo rakeng nngwe le nngwe.



Ke dikerese di le kae mo lebokosong le lenngwe le le lenngwe? _____

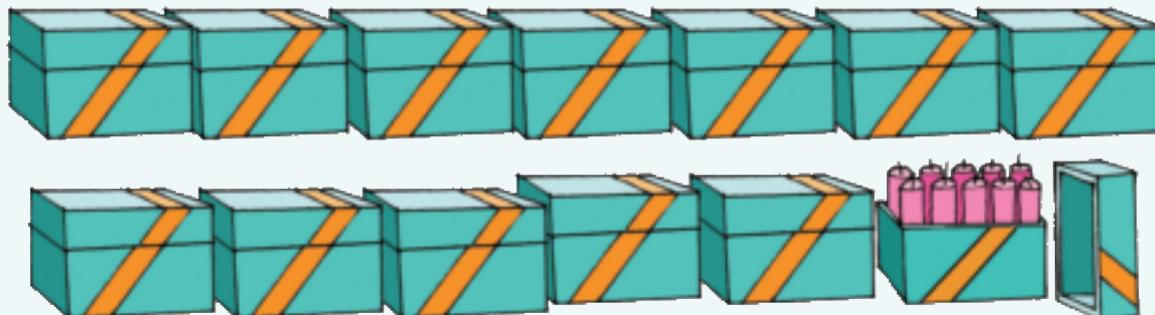
Ke mabokoso a le makae mo rakeng e nngwe le e nngwe? _____

Go na le dikerese di le kae mo rakeng nngwe le nngwe? _____



Mabokoso a dikerese

MmaTumelo o tswala mabokoso.



- a. Bala mabokoso otlhé.

Ke a le makae? _____

Ke dikerese di le kae tsotlhé? _____

O tlhoka mabokoso a makae gape go tlatsa go fitlhá go dikerese di le 200? _____

- b. Ke dikerese di le kae mo:

| | |
|-------------------------|-------------------------|
| mabokosong a le 2 _____ | mabokosong a le 4 _____ |
| mabokosong a le 5 _____ | mabokosong a le 3 _____ |
| mabokosong a le 6 _____ | mabokosong a le 7 _____ |

- c. O tlhoka mabokoso a le makae go:

| | |
|--------------|--------------|
| 40 mabokoso | 70 mabokoso |
| 50 mabokoso | 30 mabokoso |



35a



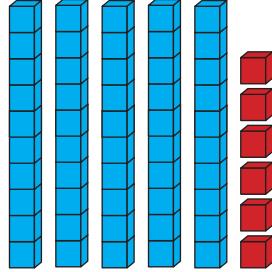
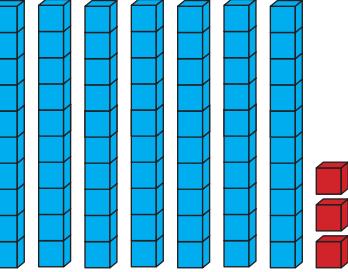
Letihā:

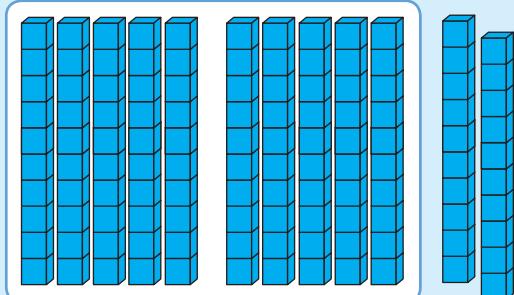
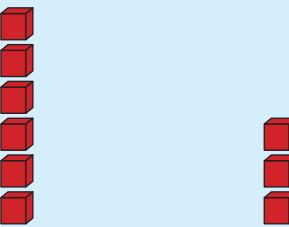
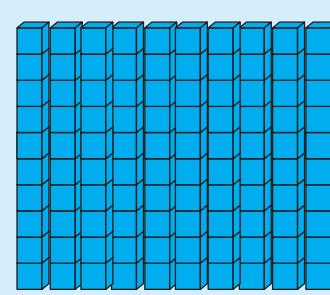
Kgweditharo 2

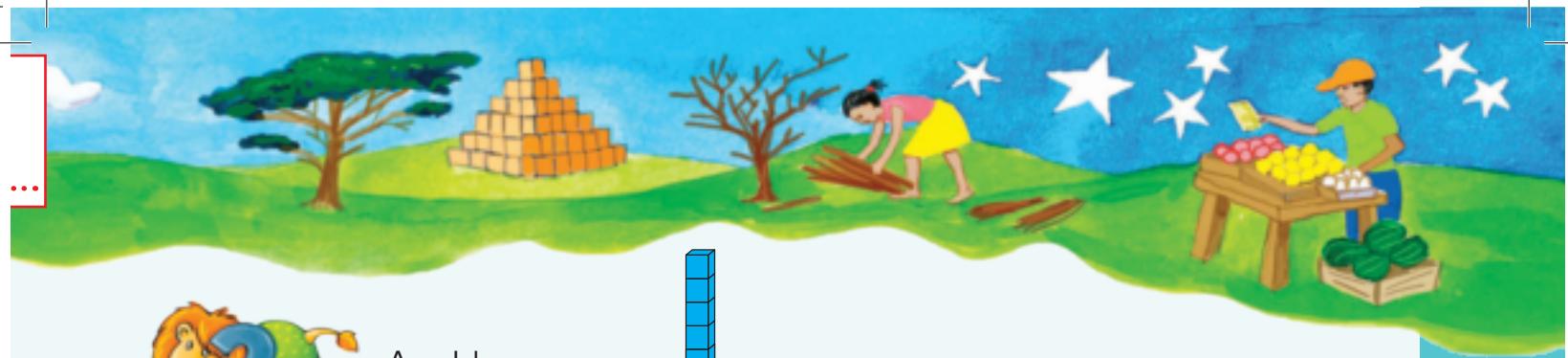
Go baya masome mmogo le
go a aroganya



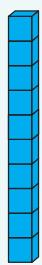
Go baya masome mmogo fa re tlhakanya go qqq

| | | | |
|---------------------------------|--|-------------------------------|--|
| A re tlhakanyeng $56 + 73 =$ |  | + |  |
| masome a le 5 le metso e le 6 | | masome a le 7 le metso e le 3 | |

| 100s | 10s | 1s |
|---|--|---|
|  |  |  |
| Mmogo re na le bolesome ba le 12. | | |
| Re ka baya masome a le 10 mmogo go dira lekgolo le le l. | | |
|  |  |  |



A re leke



$$= \square \text{ kgotsa } \blacksquare = \circ$$

Sekao: $82 + 34$



$$100 + 20 + 6 = 126$$

b. $65 + 52$

| |
|--|
| |
| |
| |

c. $76 + 63$

| |
|--|
| |
| |
| |

d. $86 + 65$

| |
|--|
| |
| |
| |



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

35b

Letlhah:

Go baya masome mmogo le go a aroganya (tsweletso)



Baya ditlhophha mmogo

Dirisa diboloko tsa gago tsa bolenkemedi.

| Dirisa diboloko tsa kemopalo go dira dinomore tse pedi. | Tsotlhah di feletse ke masome a le makae? ke metso e le mekae? | A o beile masome kgotsa metso ka setlhophha? Netefatsa kemopalo fa o beileng ka ditlhophha gape. | Kwala nomore. |
|---|--|--|---------------|
| $23 + 99 =$ | masome a le ___ bonngwe ba le ___ | masome a le 11 + 12 bonngwe ba le = 110 + 12 | 122 |
| $38 + 25 =$ | masome a le ___ bonngwe ba le ___ | | |
| $77 + 31 =$ | masome a le ___ bonngwe ba le ___ | | |
| $68 + 45 =$ | masome a le ___ bonngwe ba le ___ | | |
| $83 + 47 =$ | masome a le ___ bonngwe ba le ___ | | |



Go aroganya masome fa re ntsha

Fa re ntsha, ka nako tse dingwe re tlhoka go bontsha lesome le le lengwe jaaka lesome gangwe, kgotsa lekgolo jaaka masome a 10.

A re ntshah $60 - 55 =$

Re simolola ka bolesome ba barataro mme e seng metso. Re batla go ntsha bolesome ba le batlhano le metso e le metlhano. (Tse re di tlhosang re di khalarile ka bosetlhah)

| | | | |
|---|--|--|--|
| | | | |
| Re kgona go bontsha bolesome ba barataro ka mokgwa o. | Kgotsa jaaka bolesome ba batlhano le metso e le lesome | Ntsha bolesome ba le batlhano le metso e metlhano. | |
| | | $60 - 55 = 5$ | |



A re lekeng

a. $70 - 28$

| | | | |
|------------------|-----------------------------------|-------------|--|
| | | | |
| bolesome ba le 7 | bolesome ba le 6 le metso e le 10 | $70 - 28 =$ | |

b. $90 - 46$

| | | | |
|--|--|--|--|
| | | | |
| | | | |

c. $80 - 53$

| | | | |
|--|--|--|--|
| | | | |
| | | | |



Go batla diparapalo.

a.

| | |
|-----|--|
| 200 | |
| 30 | |

b.

| | |
|-----|--|
| 200 | |
| 70 | |

c.

| | |
|-----|-----|
| 200 | |
| | 105 |

d.

| | |
|-----|--|
| 200 | |
| 85 | |



11 12 13 14 15 16 17 18 19 20

||||||||||||||||||||||||||||||||||||

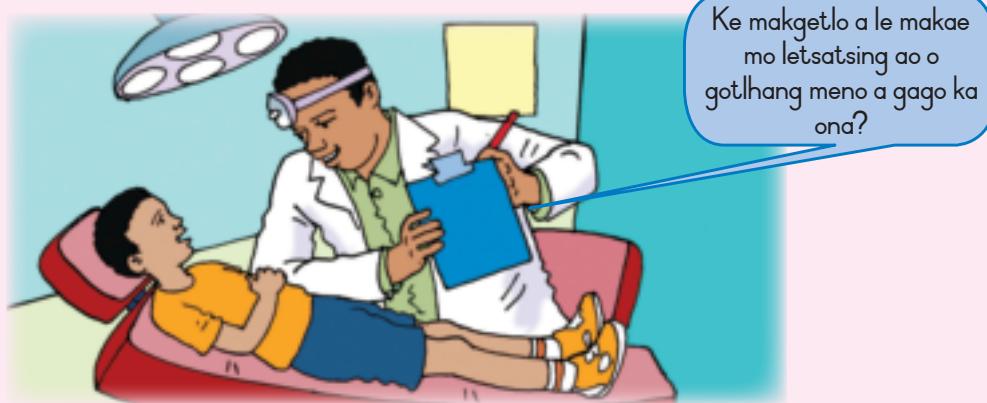
36

Kgweditharo 2

Leeto go ya kwa ngakeng ya meno



Setlhophpha sa bana se etela kwa ngakeng ya meno.



Se ke se bana ba mmolelelang sona.



= lekgetlo le le |

| | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | |
| | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | |

a. Bala matshwao (✓) go bontsha gore bana ba tlhapa meno a bona gakae. Kwala dipalo.

| | |
|--------------------|--|
| Gangwe ka letsatsi | |
| Gabedi ka letsatsi | |
| Gararo ka letsatsi | |

b. O ka bolela eng?

Bontsi jwa bana bo gotlha meno makgetlo a le _____ ka letsatsi.

Go na le bana ba le _____ mo setlhopheng.



Thala kerafotshwantsho ya makgetlo a bana ba ba tlhapang meno ka ona ka letsatsi.



= Gangwe ka letsatsi



Dira patlisiso mo tlelaseng ya gago. Kopa baithuti ba le 15 – 20.

- Ba tlhapa meno a bona gakae ka letsatsi? _____
- Thala kerafo ya setshwantsho e e tshwanang le e e fa godimo go bontsha diphitlhelelo tsa gago.



37a



Kgweditharo 2

Tlhakanya le kopanya



Go kwala palo ya gago

Busi a ka tlhakanya metso le masome a bo a di baya ka ditlhophha.

O kgon a go tlhakanya le go ntsha mo pampiring, a sa dirise diboloko. Ka dinako tse dingwe o rata go simolola ka dikarata palo tsa gagwe go bontsha dinomore.

Jaanong mabapi le palo $56 + 73$, o bona dikarata tse:

$$\begin{array}{r} 50 \boxed{6} \\ + \quad 70 \boxed{3} \end{array}$$

O tlhakanya metso a bo a baya karata ya q fa fatshe.

O itse: $50 + 70 = 120$.

O tsaya makgolo, bo20 le karata ya q go dira nomore ya dinoko tse 3.

$$\begin{array}{r} 100 \\ - 20 \\ \hline \boxed{q} \end{array}$$



O e kwala jaana:

$$\begin{aligned} 50 + 70 + 6 + 3 \\ = 50 + 70 + 9 \\ = 120 + 9 \\ = 100 + 20 + 9 \\ = 129 \end{aligned}$$

Tumi o itse gore diboloko di bereka jang.

O bereka $56+73$ jaana:

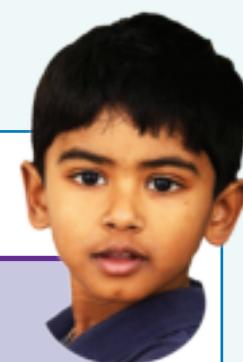
$$\begin{array}{r} 50 + 6 + 70 + 3 \\ \swarrow \quad \searrow \\ 120 + 9 \\ = 129 \end{array}$$

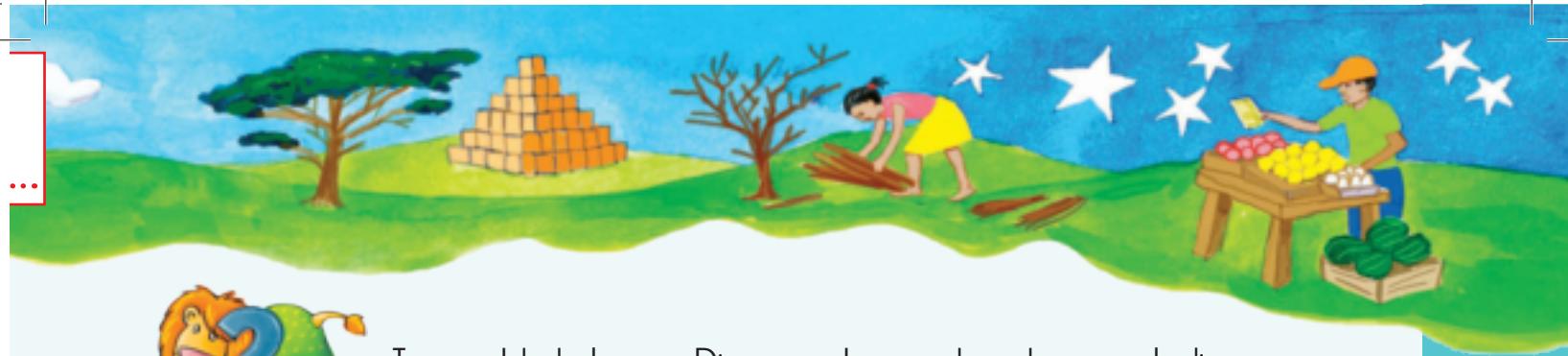


Aakar o rata go gaufetsa.

Bona gore o dira e jang:

$$\begin{aligned} 56 + 73 \\ = 50 + 70 + 10 - 1 \\ = 130 - 1 = 129 \end{aligned}$$





Jaanong leka ka bowena. Dira nngwe le nngwe ka mekgwa e mebedi.

a. $86 + 62$

Mokgwa wa ga Busi

$$80 + 60 + 6 + 2$$



Mokgwa wa ga Tumi

$$80 + 6 + 60 + 2$$



b. $72 + 63$

c. $81 + 57$

d. $69 + 71$

Dirisa mokgwa wa ga Aakar go dira e.



Teacher:
Sign:
Date:

37b

Letlhah:

Tlhakanya le kopanya (tsweletso)



Jaanong tlaya re ntshe.

a. $87 - 53$

Mokgwa wa ga Busi

$$80 - 50 + 7 - 3$$

$$= 30 + 4$$

$$= 34$$



b. $95 - 73$

c. $86 - 62$

d. $85 - 69$



E rarabolole

Go na le mekgwa e mentsi ya go tlhakanya metso le masome mmogo. Tlhophha mokgwa o o o o itseng e
bile o o rata thata go rarabolola mathata a. Bontsha tiro ya gago.

- a. Peter o simolola ka go sela diperekisi di le 34 mme morago diperekisis di le 67.
Ke diperekisi di le kae gotlhelele?



- b. Bana ba Moalusi ba boloka R47 mmogo.
Mmaabona o tlhakanya le R58. Gajaana ba na le bokae?



- c. Bese ya sekolo e tsamaya dikilomitara di le 88 mo mosong le di le 73 mo maitseboeng.
Ke dikilomitara di le kae gotlhelele?



Teacher:
Sign:
Date:

38

Letlhah:

E rarabolole!



Dikhurumelo tsa mabotlolo

Dirisa mokgwa wa gago fa o batla.
Bontsha tiro ya gago.



Sipho



Andile

Sipho o bala dikhurumelo tsa mabotlolo di le 87. Andile o bala di le 38.

Sipho o bala dikhurumelo tsa mabotlolo di le kae go feta Andile?



Konsarata ya sekolo



Musa

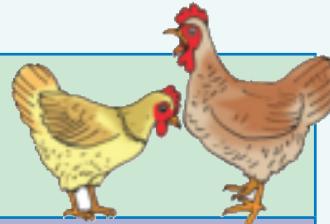


Musa o rekisa dithekete. O simolola a na le dithekete di le 92. O setse ka di le 67.

Ke dithekete di le kae tse Musa a setseng a di rekisitse go fitlhela fa?



Katiso e nngwe



Go na le ditsuane di le 69 mo hokong e le nngwe le di le 95 mo go e nngwe. Go na le dikoko di le kae fa di feletse?
Buisa gore Jabu le Thembi ba rarabolola jang bothata jwa bona.

Tsela ya ga Gugu

$$60 + 90 + 9 + 5 = 100 + 50 + 14 = 150 + 10 + 4 = 164$$



Tsela ya ga Aakar

$$69 + 95 = 70 + 95 - 1 = 70 + 90 + 5 - 1 = 160 + 4 = 164$$

Ke ntshitse 1. A o itse gore ke eng a ntsha?



- a. Basimane ba kokoanya R96 ya leeto la tlelase. Basesana ba kokoanya R79. Ba kokoantse bokae gotlhe fa e feletse?

Dirisa tsela ya ga Gugu

Dirisa tsela ya ga Aakar

- b. Sekolo se sengwe se kokoanya 76 kg ya dithini. Sekolo se sengwe se kokoanya 68 kg ya dithini. Ke di kg di le kae tsa dithini tse dikolo di le pedi di di kokoantseng mmogo fa di feletse?

Dirisa tsela ya ga Gugu. Netefatsa.

Dirisa tsela ya ga Aakar



| |
|----------|
| Teacher: |
| Sign: |
| Date: |

39

Letlha:

Kgwenditharo 2



Go batla karolo

Kwala dipalo tse di tlogetsweng.

a.

| |
|-----|
| 100 |
| 27 |
| |

b.

| |
|-----|
| 100 |
| 39 |
| |

c.

| |
|-----|
| 100 |
| 43 |
| |

d.

| |
|-----|
| 100 |
| 56 |
| |

e.

| |
|-----|
| 200 |
| 140 |
| |

f.

| |
|-----|
| 200 |
| 110 |
| |

g.

| |
|-----|
| 200 |
| 135 |
| |

h.

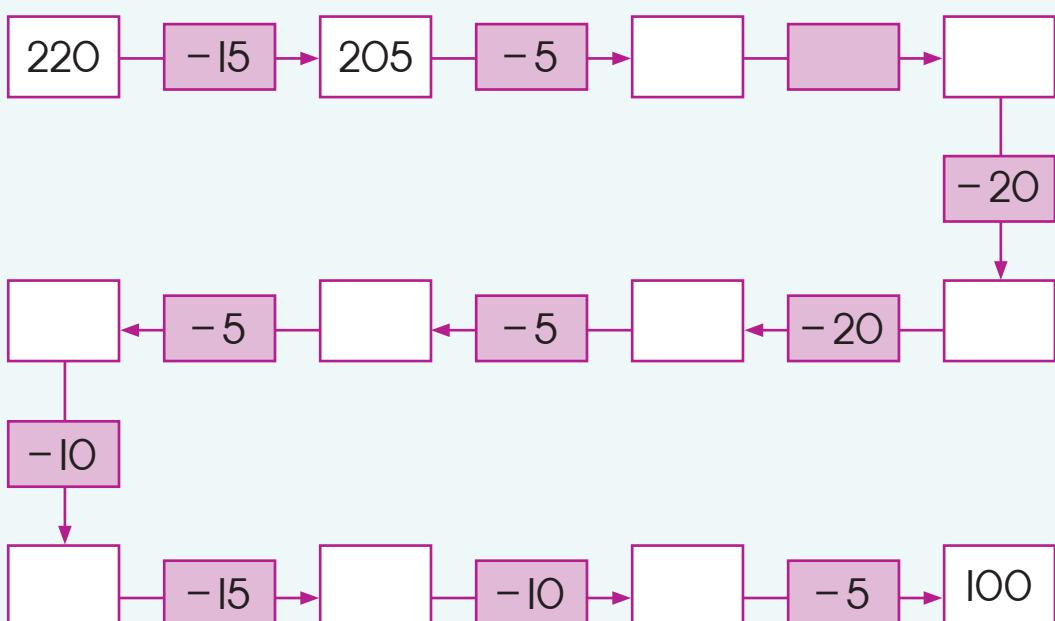
| |
|-----|
| 200 |
| 120 |
| |



Go ntshetsa kwa morago go tloga ka 220 go fitlha ka 100

Ntsha dipalo tse di mo lebokosong le le pinki nako nngwe le nngwe.

Re go diretse ya ntliha.



Fano ke tsela
ya go netefatsa
dikarabo tsa
gago!

Simolola kwa go
100! Direla go
ya kwa morago
go 220.

Mme jaanong o
tsenye dipalo.

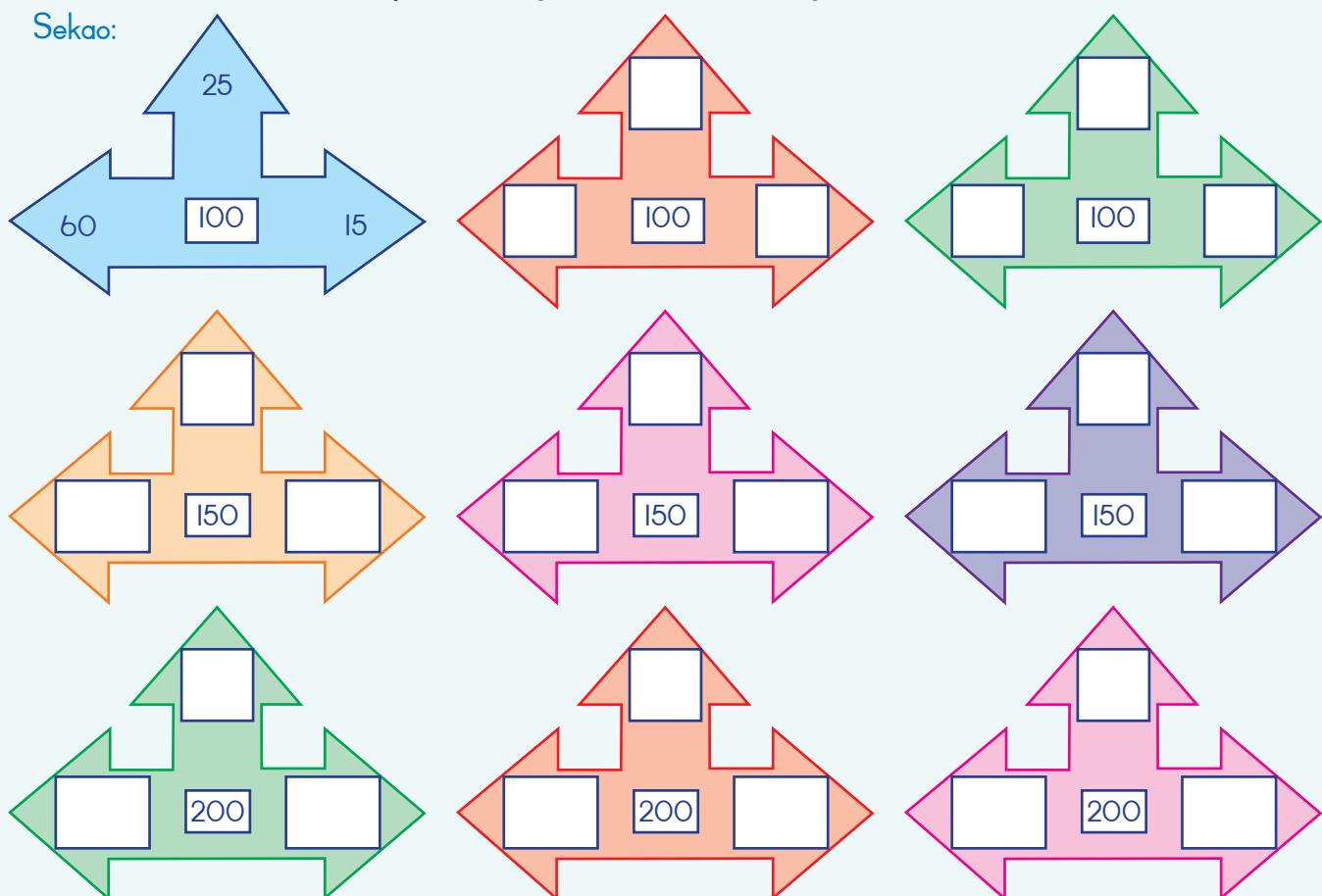


Malapa a 3

Batla dinomore di le 3 tse di dirang nomore e e lebeletsweng.

Molawana: Ke palo e le nngwe fela e e ka felelang ka O.

Sekao:



50 go feta le 50 kwa tlase

Kwalang dikarabo mo moleng wa 2.

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 70 | 125 | 150 | 81 | 96 | 122 | 134 | III | 70 |
| +50 | | | | | | | | | |
| | 120 | | | | | | | | |
| -50 | | 186 | 200 | 158 | 179 | 139 | 79 | 126 | 138 |
| | | | | | | | | | 99 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |



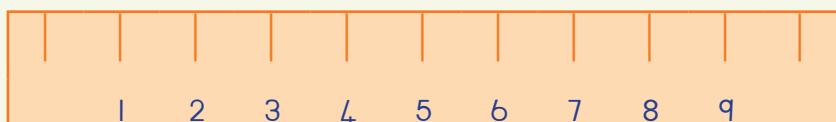
40

Letlha:

Go lekanyetsa ka disentimitara



Sentimitara e bogolo bo le bokae?



Dinomore mo ruleng di emetse **disentimitara**.

Re dirisa khutshwafatso kgotsa letshwao **cm**.

Fa o dirisa rula, o tshwanetse go simolola go lekanyetsa go tswa go O.

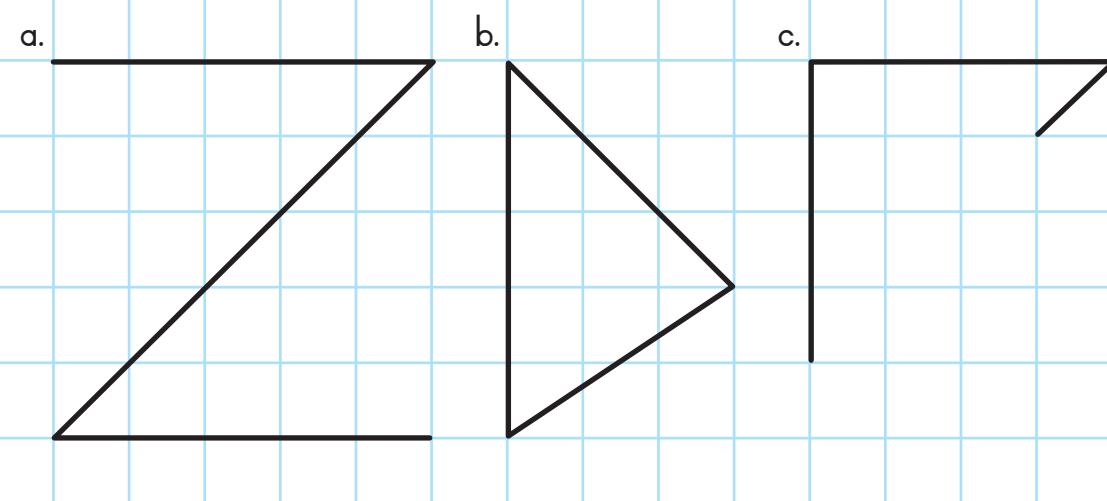
Dirula tse dingwe ga di bontshe O jaaka e e mo tsebeng e.

Batla cm ya lefela mo ruleng. Kwala O mo ruleng.

10 cm e fa kae mo ruleng e? Kwala 10 fao.



Fopholetsa, morago o lekanyetsa ka nepagalo ka rula ya gago, palogotlhhe ya bolelele jwa mela e ka disentimitara (cm).



| | | |
|---------------------------------------|---------------------------------------|---------------------------------------|
| a. Fopholetsa <input type="text"/> cm | b. Fopholetsa <input type="text"/> cm | c. Fopholetsa <input type="text"/> cm |
| Lekanyetsa <input type="text"/> cm | Lekanyetsa <input type="text"/> cm | Lekanyetsa <input type="text"/> cm |



Mola o mongwe le o mongwe o boleele bo le bokae?

Mola o mongwe le o mongwe o boleele jwa dicm di le kae?

Dirisa monwana wa gago go go thusa go dira tshwetso.

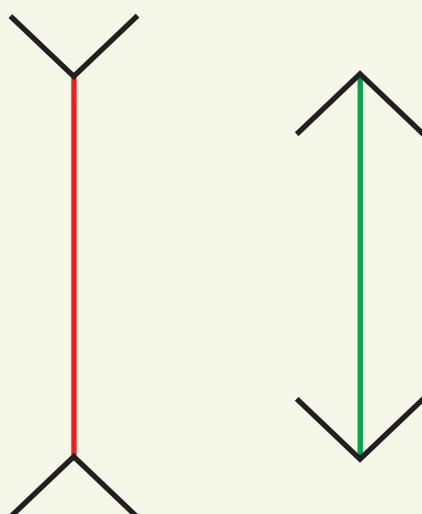
| | | | |
|----------|-------------------------|------|-------------------------|
| a. ————— | <input type="text"/> cm | d. | <input type="text"/> cm |
| b. ————— | <input type="text"/> cm | e. \ | <input type="text"/> cm |
| c. ————— | <input type="text"/> cm | f. \ | <input type="text"/> cm |



A o a netefatsa?

Ke efe e e telele, mola o mohibidu kgotsa mola o botala jwa tlhaga?

O ka netefatsa jang?



Seno ke se re se bitsang phorego ya matlho. Se diragala fa o batla matlho a gago a bone se wena o batlang go se bona e leng selo se se seng teng. Mela e mebedi e lekana ka boleele. Mela e mentsho e e tswelang kwa ntle e dira gore mela e mohibidu e lebega o ka re e melelele mme mela e mentsho e e tsenang ka mo gare e dira gore mela e metala e bonale o kare e mekhutshwane.



41



Letlha:

Ntlha ya 300



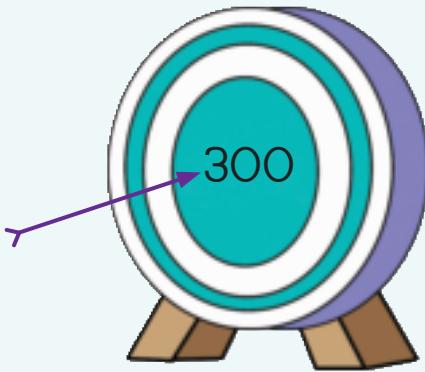
Go bala le go kwala bo 200

Bala go tswa go 201 go ya go 300.

Supa fa o ntse o ya.

Morago tlatsa dinomore tse di botala jwa legodimo pele.

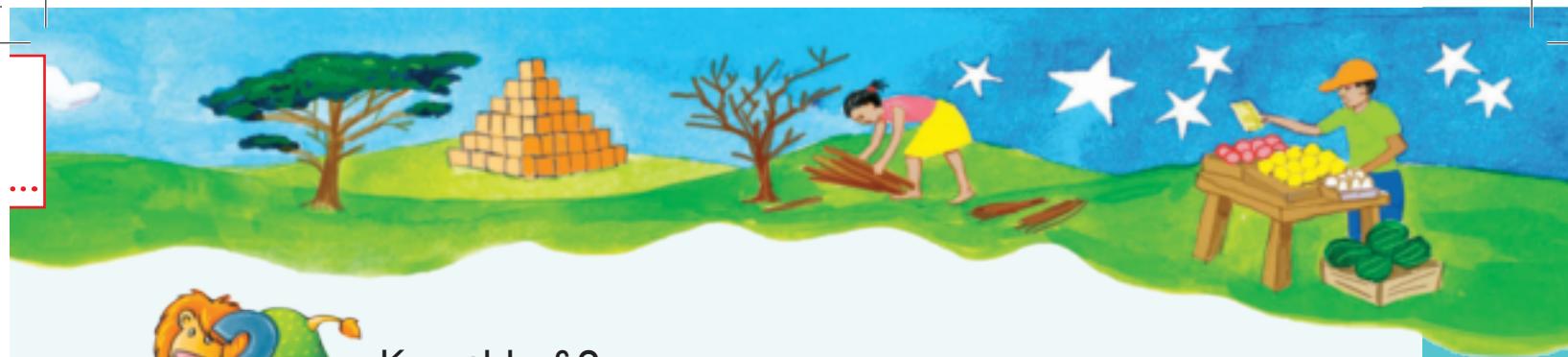
Kwala dinomore tsotlhhe tse di setseng.



| | | | | | | | | |
|-----|--|--|-----|-----|-----|-----|-----|-----|
| 201 | | | | | 207 | | | 210 |
| 211 | | | | | | | | |
| 221 | | | | | | | | |
| 231 | | | | 254 | | | | |
| | | | | | | 249 | | |
| | | | | | 265 | | | |
| | | | 273 | | | | 280 | |
| 281 | | | | | 286 | | | |
| | | | | | | 298 | 300 | |

Kwala dinomore tse di 10 tse di latelang morago ga 300.

300; _____; _____; _____; _____; _____; _____; _____; _____; _____



Ke motlolo ofe?

30I

28I

I7I

2II

I0I



Go bontsha le go bapisa

- a. Kwala dipalo tse di tsenang mo karateng nngwe le nngwe.

298;

208;

30I;

276;

227;

269;

3II

2 0 0
q 0
8

- b. Kwala dipalo ka tatelano go tloga ka e nnyennygo fitlha ka e kgolokgolo.

_____ ; _____ ; _____ ; _____ ; _____ ; _____



Ke eng se se fetogang? Kwala dipalo tse di tlogetsweng.

Simolola



Bokhutlo



| |
|----------|
| Teacher: |
| Sign: |
| Date: |

11 12 13 14 15 16 17 18 19 20

||||| ||||| ||||| ||||| ||||| ||||| |||||

42

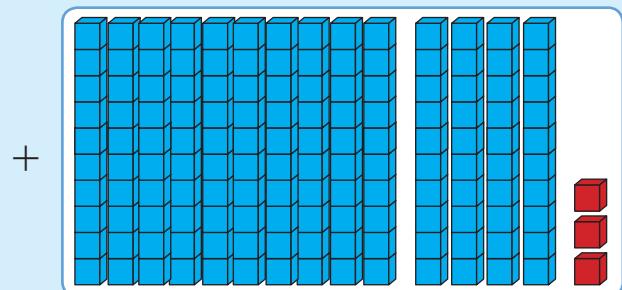
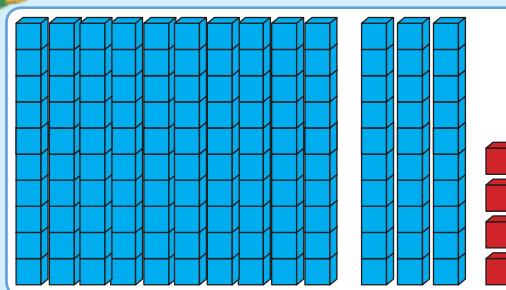
Letlha:

Kgweditharo 2



Go tlhakanya le go ntsha ka bolOO

Go dirisa diboloko go tlhakanya



$$\begin{array}{r}
 100 \quad 30 \quad 4 \\
 + \qquad \qquad \qquad \\
 \hline
 = \quad 200 \quad 70 \quad 7 \\
 = \quad 277
 \end{array}$$

$$\begin{array}{r}
 100 \quad 40 \quad 3 \\
 + \qquad \qquad \qquad \\
 \hline
 \end{array}$$



Sala mekgwa e mebedi morago. Bontsha karabo nngwe le nngwe ka mekgwa e mebedi.

a. $132 + 123$



Mokgwa wa ga Busi

$$\begin{aligned}
 &= 100 + 100 + 30 + 20 + 2 + 3 \\
 &= 200 + 50 + 5 \\
 &= 255
 \end{aligned}$$



Mokgwa wa ga Tumi

$$\begin{aligned}
 &\cancel{132} + \cancel{123} \\
 &= 200 + 50 + 5 \\
 &= 255
 \end{aligned}$$

b. $114 + 162$



c. $276 + 148$



Lebelela mekgwa mme o ntshe.

a. $158 - 146$

Mokgwa wa ga Busi

$$\begin{aligned}
 &= 100 - 100 + 50 - 40 + 8 - 6 \\
 &= 0 + 10 + 2 \\
 &= 12
 \end{aligned}$$



Mokgwa wa ga Tumi

$$\begin{aligned}
 &\cancel{1} \cancel{5} \cancel{8} - \cancel{1} \cancel{4} \cancel{6} \\
 &= 0 + 10 + 2 \\
 &= 12
 \end{aligned}$$



b. $194 - 122$

c. $288 - 199$



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

||||| ||||| ||||| ||||| ||||| ||||| |||||

43

Letlha:

Kgweditharo 2

Ntlha ya 400

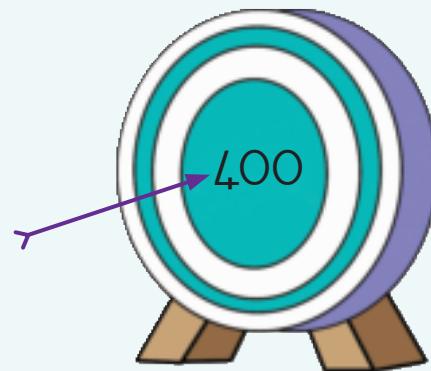


Go bala le go kwala bo 400

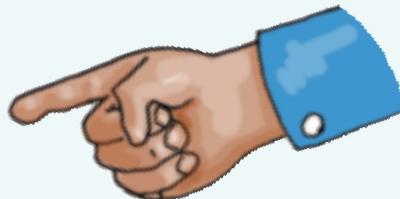
Go bala go tloga ka 300 go fitlha ka 400.

Bua dipalo fa o ntse o tsamaya.

Kwala dipalo tse di tlogetsweng mo keriting.



| | | | | | | | | |
|-----|--|-----|-----|-----|--|-----|-----|-----|
| 301 | | | | | | | | 310 |
| | | | | 315 | | | | |
| | | | | | | | | 330 |
| 331 | | | 335 | | | | | |
| | | | | | | | 249 | |
| | | | | 365 | | 368 | | |
| | | 273 | | | | | | |
| | | | | | | | | 390 |
| | | | | | | | | 400 |

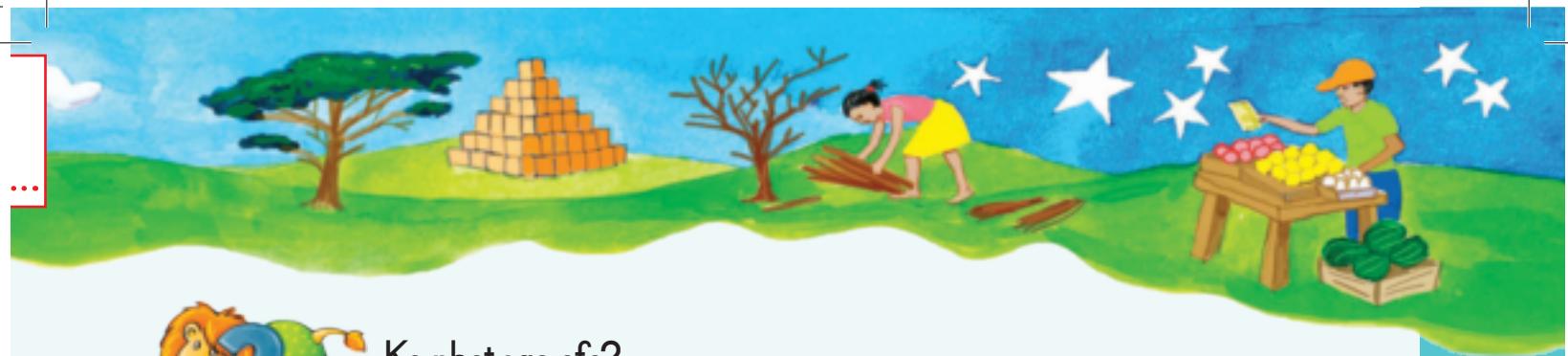


Kwala dipalo tse di latelang morago ga 400 di le 9.

400; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ;

100

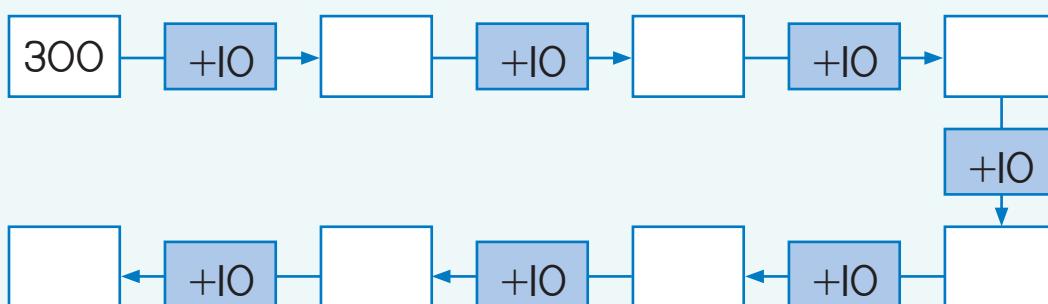
1 2 3 4 5 6 7 8 9 10



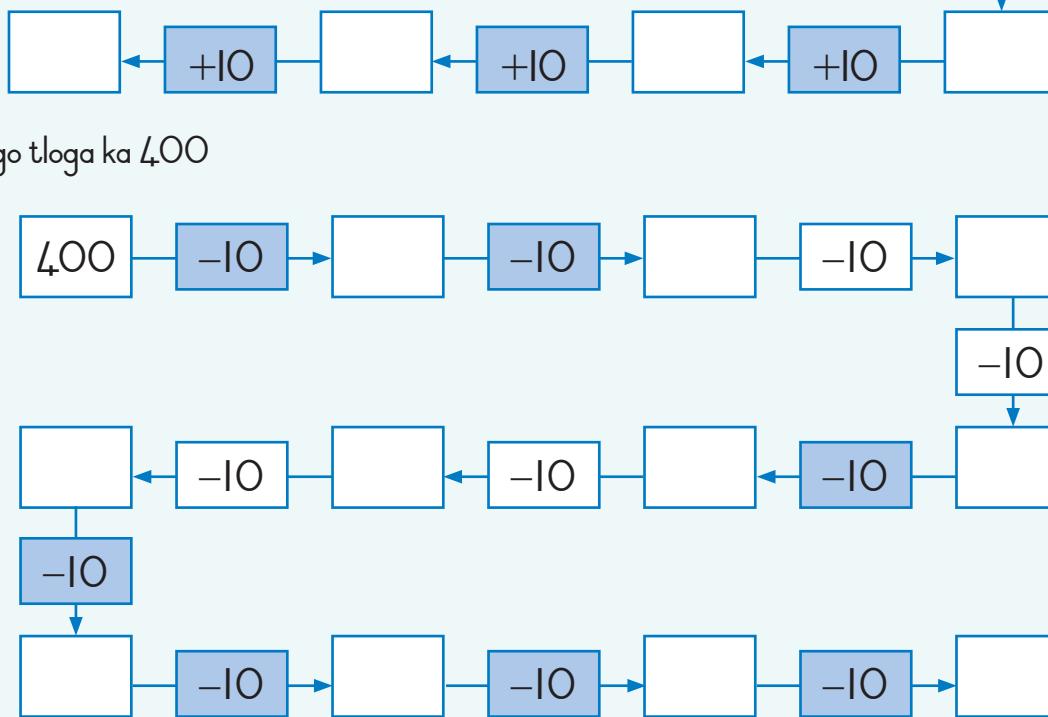
Ke phetoge efe?

a. Go balela kwa pele go tloga ka 300

Simolola



Khutla



Khutla



Kwala jaaka palo e le nngwe.

$300 + 20 + 4 = \underline{\hspace{2cm}}$

$300 + 10 + 5 = \underline{\hspace{2cm}}$

$300 + 50 + 3 = \underline{\hspace{2cm}}$

$300 + 70 + 7 = \underline{\hspace{2cm}}$

$300 + 60 + 2 = \underline{\hspace{2cm}}$

$300 + 90 + 9 = \underline{\hspace{2cm}}$

$300 + 80 + 1 = \underline{\hspace{2cm}}$

$300 + 40 + 8 = \underline{\hspace{2cm}}$

Kwala dipalo ka tatelano go tloga ka e nnyennye go fitlhha ka e kgolokgolo.

 , , , , , , ,



Teacher:
Sign:
Date:

44

Letlha:

Kgweditharo 2

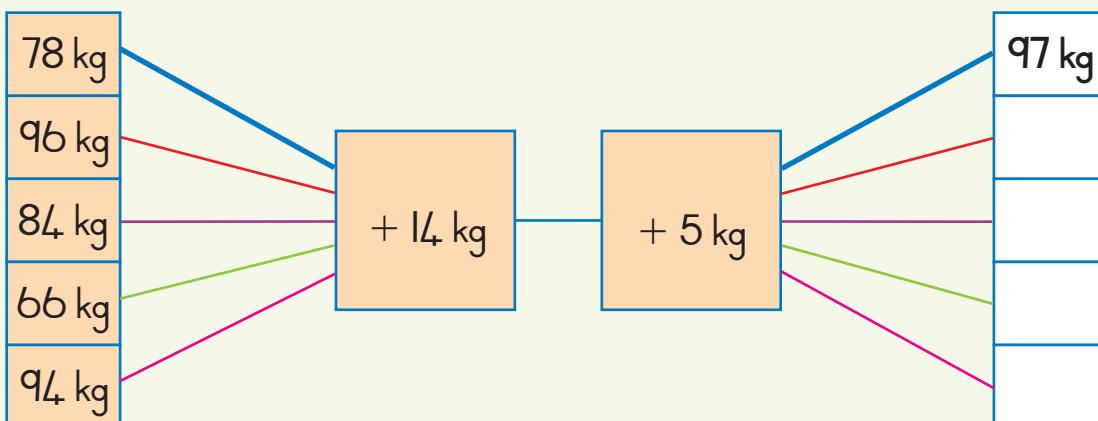


Nomore e e kgethegileng
Tlhakanya o bo o kwala dikarabo.

Go kala



Ke a itse gore nomore e e kgethegileng ke eng! Wena?



Go garela le go tlhakanya!

Nagana ka botlhale!

| | | | | |
|----------------|-------------|---------------|--------------------------------|----------------|
| | | | | |
| Phokojwe 25 kg | Khudu 98 kg | Tshwene 59 kg | Ngwana wa Pitse e tilodi 88 kg | Pelikhene 9 kg |

Golokeletsa boima jwa phologolo nngwe le nngwe go 10 kg.

Kwala mmase wa phologolo nngwe le nngwe ka tatelano go tloga go botlhoho go fitlha go bokete.

Fopholetsa palogotlhе ya mmase wa diphologolo tse 5.



Tlhakanya mmase wa tsona



Nka tswa ke se boima jaaka wena. Khudu ya motsofe, fela ke netefatsa gore ke lebelonyana. lobelo go go feta!

Dikgato



- Dirisa dilekanyo tsa gago tse di garetsweng go fopholetsa.
- Fopholoetsa mmase wa diphologolo mo moleng mongwe le mongwe.
- Balela dipalogotlhe ka go dirisa mmase wa nnate.
- Bapanya dipalogotlhe tse pedi mme o kwale pharologano.

| | Ke a fopholetsa | Ke a balela | Pharologano |
|------|-----------------|-------------|-------------|
| + | | | |
| + + | | | |
| + + | | | |



Mmase wa ga Vusi

Netefatsa. Bapisa. Siamisa.

Vusi o tlhakanya mmase wa gagwe le mmase wa ga le .

Palogotlhe ya mmase ke **239 kg**. Vusi o bega bokae? Bontsha karabo ya gago.

| | |
|--|--|
| | |
|--|--|



Bokete jwa me ke bokae?

Tshameka mo setlhopheng. Refosanang ...

Tlhakanya mmase wa gago le mmase wa diphologolo dingwe. Batla palogotlhe. Bolelela setlhophha karabo. O se ka wa ba bontsha tiro ya gago! Morago ba tshwanetse go leka go bereka mmase wa gago.



45



Ntliha:

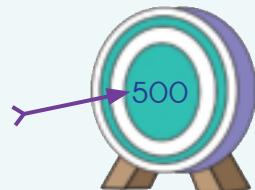
.....

Kgweditharo 2



Go bala le go kwala

| | | | | | | | | |
|-----|-----|-----|-----|-----|-----|--|-----|-----|
| | | | | | | | | 400 |
| 401 | | | | 405 | | | | 410 |
| 411 | | | | | | | | 420 |
| | 422 | | | | 427 | | | |
| | | 434 | | | | | | |
| | | | 446 | | | | | |
| | | | | | 458 | | | |
| 462 | | | | | | | 470 | |
| | | 473 | | | 477 | | | |
| 481 | | | | | | | | 490 |
| | | | | | | | 499 | 500 |



- a. Balela go tswa go 400. Bolela dipalo fa o ntse o tsamaya.
- b. Kwala dipalo tse di tlogetsweng mo keriting.
- c. Kwala dipalo tse di latelang di le 9 morago ga 500.

500; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____

- d. Bala ka bo2. Kwala dipalo di le 8 ka paterone ya bo2.

400; 402; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____

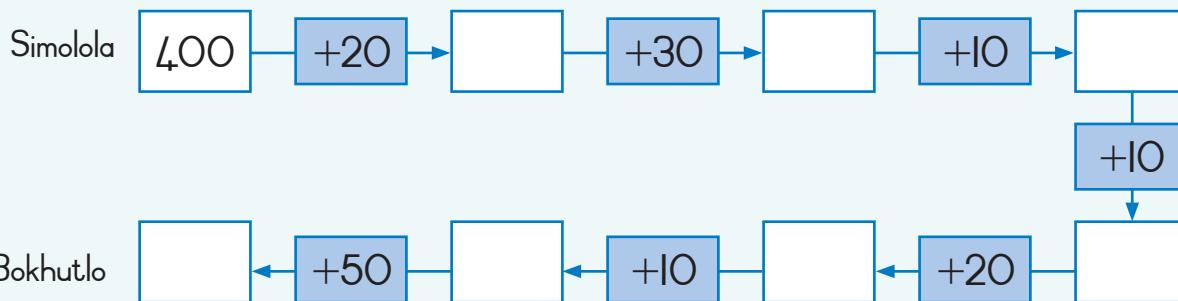
- e. Bala ka bo5. Kwala dipalo tse di latelang di le 8 ka paterone ya bo5.

400; 405; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____

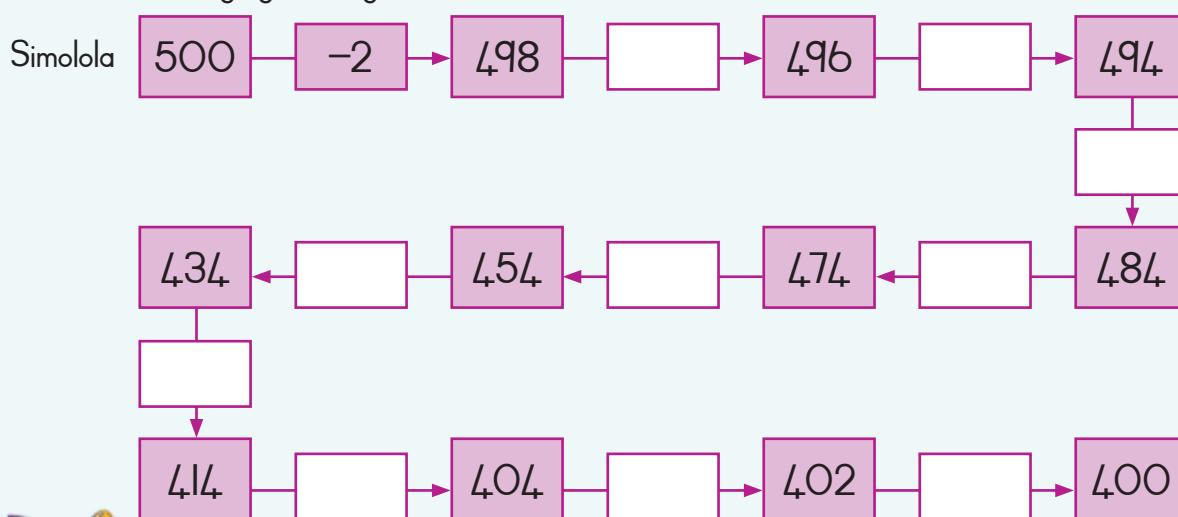


Phetogo ke eng?

- a. Balela kwa morago go tswa go 400.



- b. Balela kwa morago go tswa go 500.



Go bontsha dipalo. Sala sekao morago

Batla dipalogotlhé. Dirisa dikaratapalo tsa gago go bontsha palogotlhé nngwe le nngwe.

| | | |
|------------|-------|----------------|
| $405 + 10$ | 415 | $400 + 10 + 5$ |
| $446 + 10$ | | |
| $455 + 10$ | | |

| | | |
|------------|--|--|
| $398 + 10$ | | |
| $424 + 10$ | | |
| $460 + 20$ | | |



46

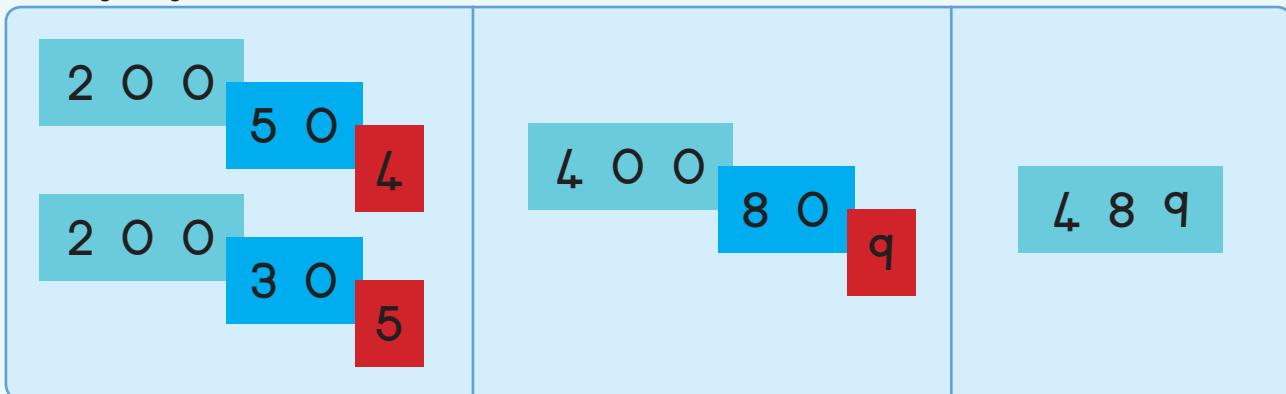


Letlhao:

Kgweditharo 2

Tsweletso ya go tlhakanya le go ntsha

O lemoga eng?



Re ya go dirisa mekgwa ya ga Busi le Tumi gape go tlhakanya.

a. $245 + 231$



Mokgwa wa ga Busi

$$\begin{aligned} &= 200 + 200 + 40 + 30 + 1 \\ &= 400 + 70 + 1 \\ &= 471 \end{aligned}$$

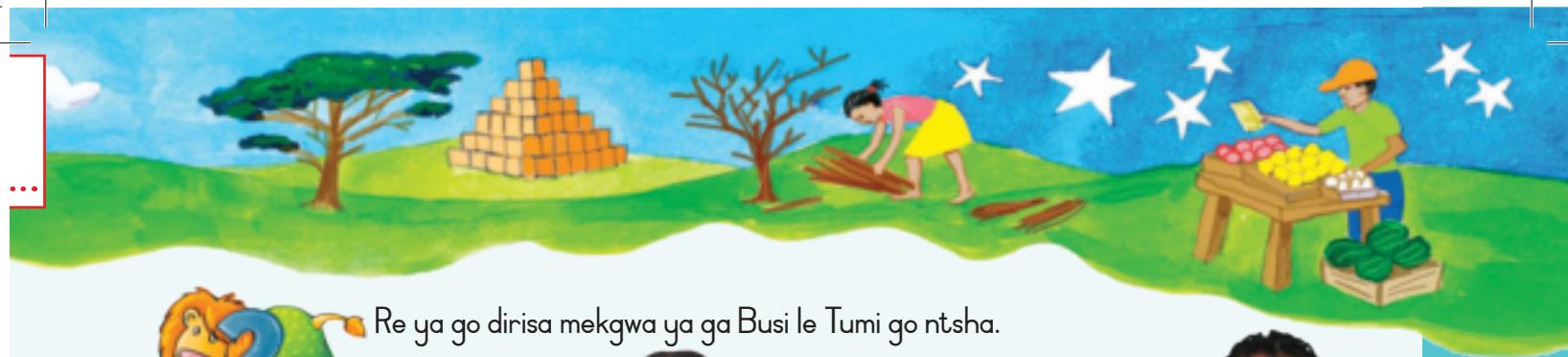


Mokgwa wa ga Tumi

$$\begin{aligned} &\cancel{\underline{245}} + \cancel{\underline{231}} \\ &= 400 + 70 + 6 \\ &= 471 \end{aligned}$$

b. $278 + 136$

c. $265 + 148$



Re ya go dirisa mekgwa ya ga Busi le Tumi go ntsha.

a. $476 - 324$

Mokgwa wa ga Busi

$$\begin{aligned} &= 400 - 300 + 70 - 20 + 6 - 4 \\ &= 100 + 50 + 2 \\ &= 152 \end{aligned}$$



Mokgwa wa ga Tumi

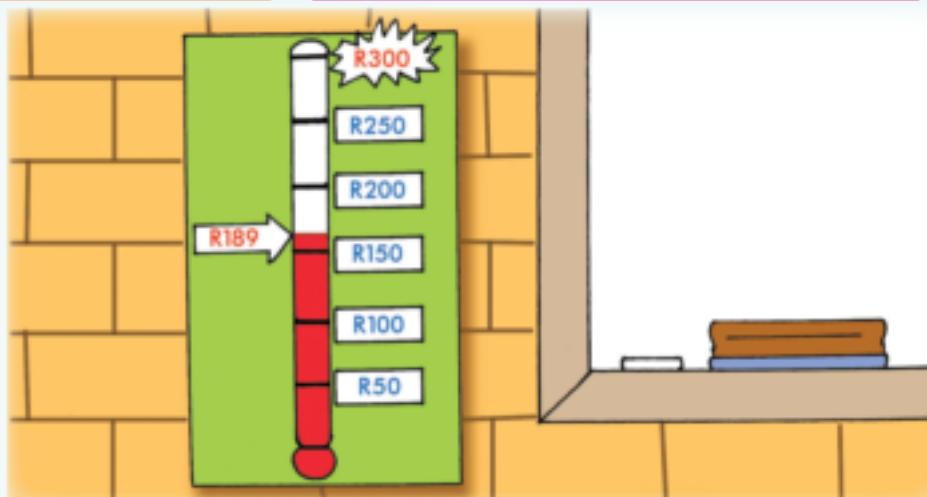
$$\begin{aligned} &\cancel{4}7\cancel{6} + \cancel{3}2\cancel{4} \\ &= 100 + 50 + 2 \\ &= 152 \end{aligned}$$

b. $489 - 456$

c. $482 - 161$



Go fitlhelela ntsha



Ithute setshwantsho

Ke bokae gape go fitlhelela ntsha?

R



Teacher:

Sign:

Date:

| |
|----------|
| Teacher: |
| Sign: |
| Date: |

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Letlha:

Kgweditharo 2



Thaba ya sephiri

Tlhokotsa bokgoni jwa gago

Leina la thaba e e kwa godimo mo Gauteng ke eng? Dirisa khoutu go batla karabo. Golaganya karabo e nngwe le e nngwe mo theiboleng le tlhaka mo khoutung.

| | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|
| A | B | C | D | E | F | G | H | I | J | K | L | M |
| I | 2 | 3 | 4 | 5 | 6 | 7 | 8 | q | IO | II | I2 | I3 |
| N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| I4 | I5 | I6 | I7 | I8 | I9 | 20 | 2I | 22 | 23 | 24 | 25 | 26 |

Tshedimosetso ya dipalo

Karabo

Tlhaka

$$\text{Sekao: } 2 \times 3 \times 3 \times 1 = \square$$

18

R

$$50 + 50 + 50 + 100 - 200 - 45 = \square$$

$$1 + 2 + 7 + 10 + 7 + 1 - I4 = \square$$

$$60 - 30 + 50 + 20 - 50 - I5 - 20 = \square$$

$$3 + 2 + 7 + 1 + 2 + 1 + 3 = \square$$

$$5 + 3 + 30 = 4 + 2 + I2 + \square$$

$$100 - 5 - 70 = 20 + \square$$

$$36 + 44 - 60 - 22 = \square$$

$$IO + I5 = I4 + \square$$

$$2 + 1 + I4 + q + I4 = 25 + \square$$

$$I \times 2 \times 2 \times 2 \times 2 = \square$$

Leina la thaba ke



Lebelela, nagana, mme o arabe!

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
| ● | ★ | ☾ | ★ | ● | ● | ★ | ☾ | ★ | ● | ● | ★ | ☾ | ★ | ● |
| I | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | II | 12 | 13 | 14 | 15 |

- a.
- | | | | |
|--|---|---|---|
| Palo ya 16 e tlaa nna sebopego sefe? Tshwaya (✓) e e nepagetseng | ● | ● | ☾ |
| Palo ya 18 e tlaa nna sebopego sefe? Tshwaya (✓) e e nepagetseng | ● | ● | ☽ |
| Palo ya 23 e tlaa nna sebopego sefe? Tshwaya (✓) e e nepagetseng | ● | ● | ☽ |
-
- b.
- | | |
|--------------------------|-------------------------|
| Nomore 50 e tlaa nna ★. | Nnete kgotsa Fosagetse? |
| Nomore 100 e tlaa nna ●. | Nnete kgotsa Fosagetse? |
| Nomore 28 e tlaa nna ☽. | Nnete kgotsa Fosagetse? |



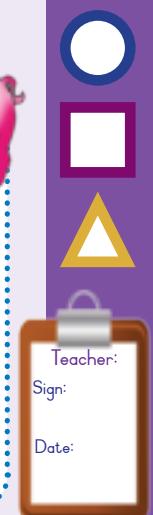
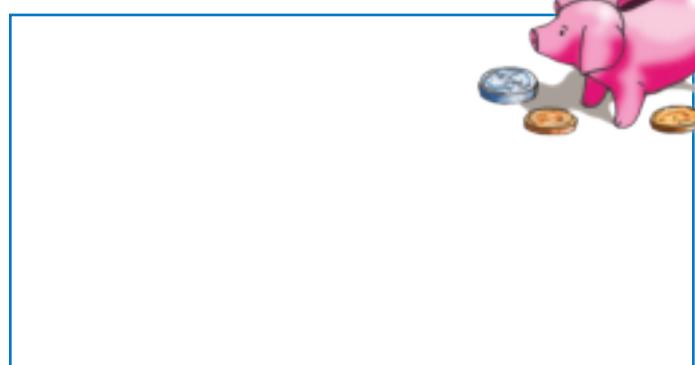
Ke efe e e fetang?

Go bona madi a mofago a R2,50 ka letsatsi mo dikgweding tsa Seetebosigo le Phukwi.

Kgotsa go bona R150 ka letsatsi la ntlha la Phatwe.

Bontsha gore o e berekile jang.

Tlhola. Bapisa. Nepagetseng



II 12 13 14 15 16 17 18 19 20

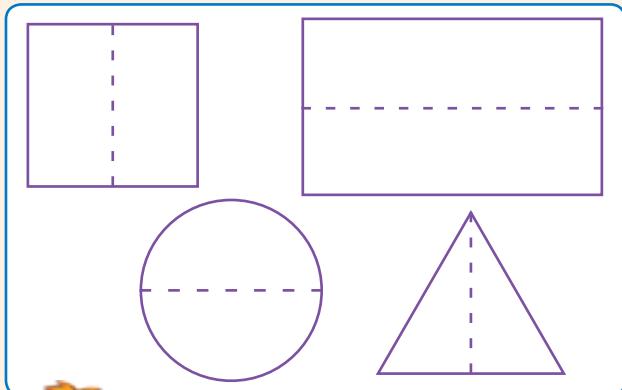
48

Letlha:

Kgweditharo 2

Tekatekano

O lemoga eng ka ga dibopego tse?



Mola wa tekatekano o aroganya sebopego ka diripa kana dihalofo di le pedi gore seripa sengwe le sengwe se tshwane le se sengwe kgo!

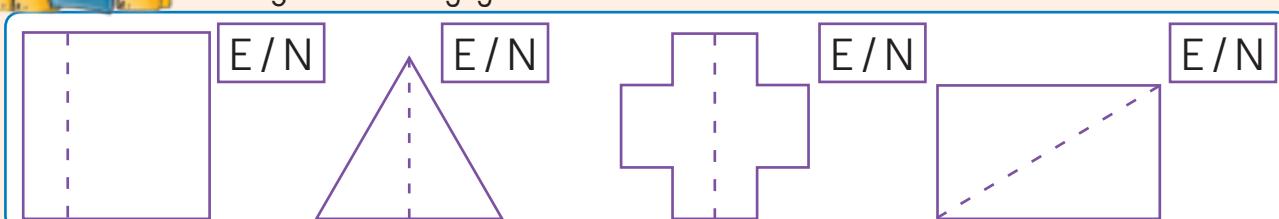
Sebopego se na le tekatekano fa o kgona go se mena mo moleng wa tekatekano gore dihalofo tse pedi di nyalane mme di lekalekane.



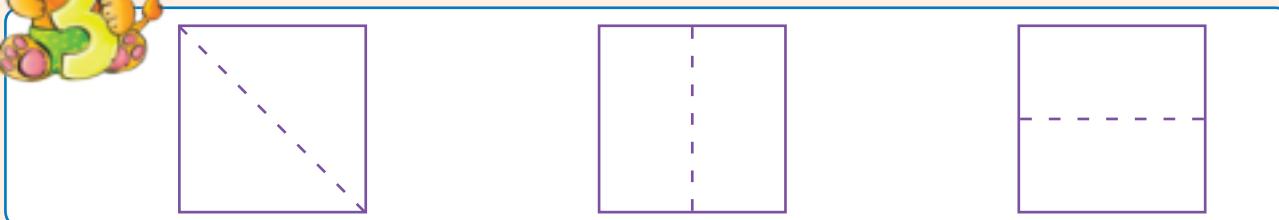
Thalela sebopego sengwe le sengwe mola wa tekatekano.

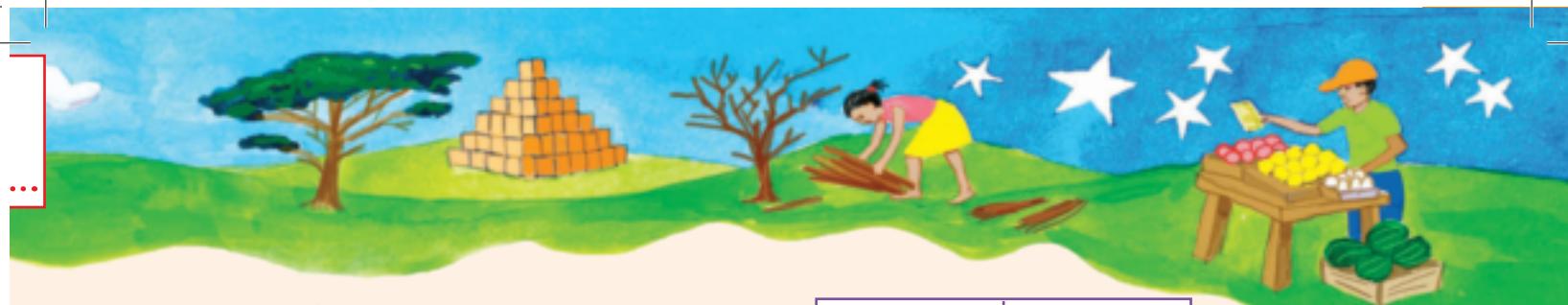


A mola o o maronthorontho ke mola wa tekatekano kgotsa nnyaya? Sekeletsa (E)
Ee kgotsa (N) Nnyaya.



A se ke mola wa tekatekano? Goreng?

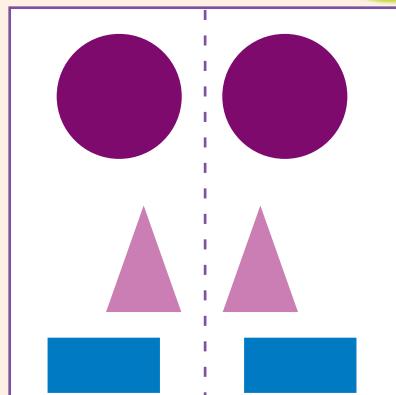




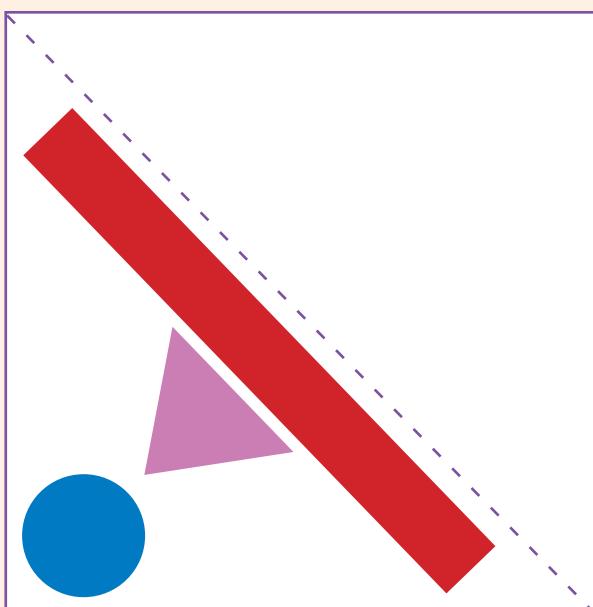
Thala dibopego go dira gore setshwantsho se lekalekane.

Re go diretse tsa ntliha.

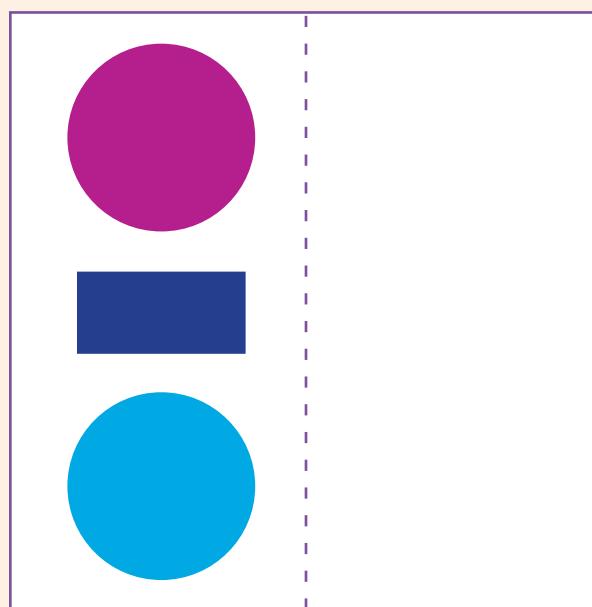
a.



b.



c.



Itlhamele
mmetshe
wa gago o o
lekalekanang o
dirisa dibopego.



Teacher:
Sign:
Date:

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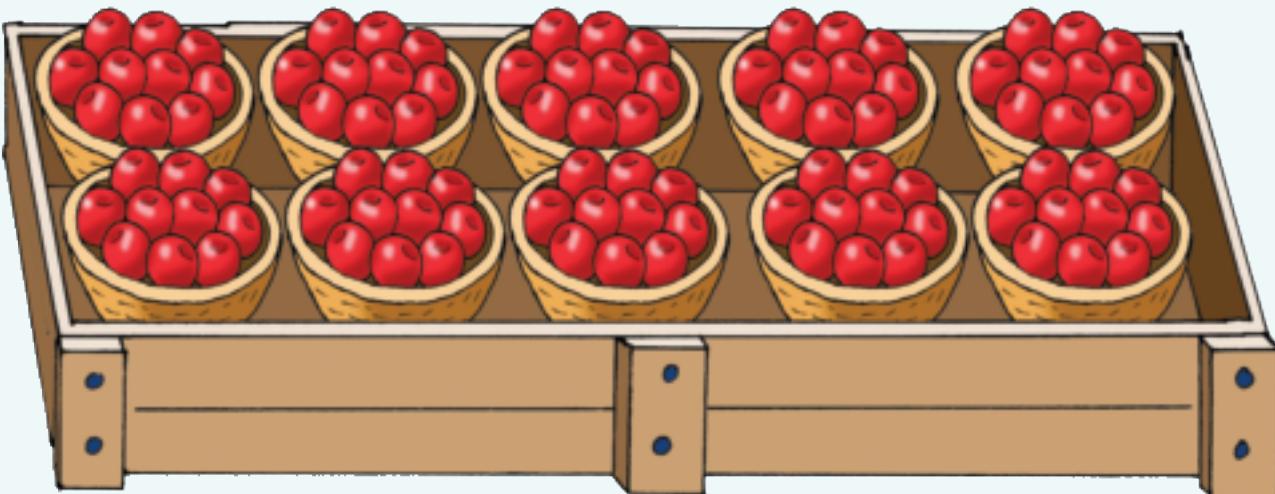
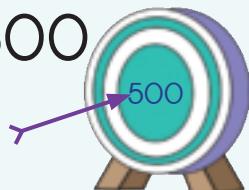
Fitilha:

Kgweditharo 2



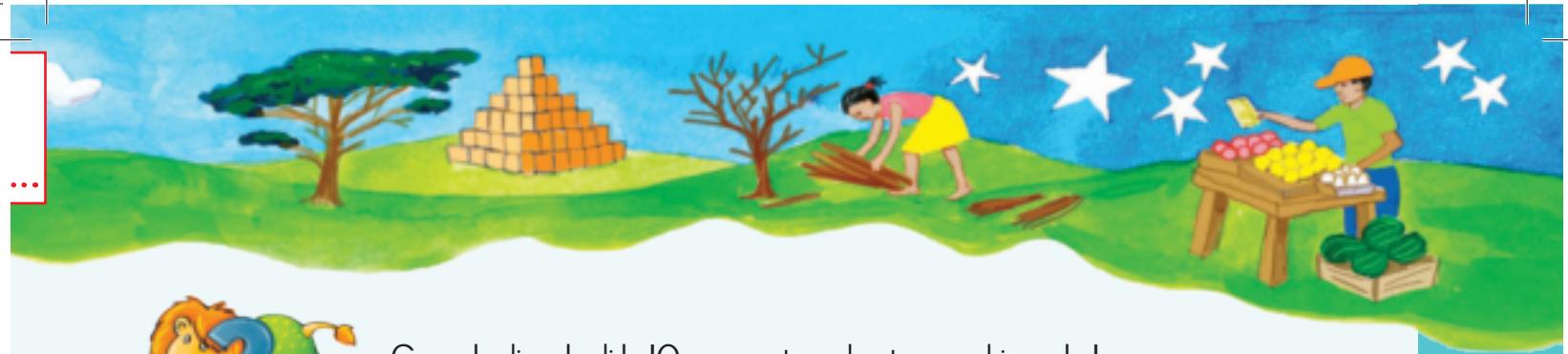
Go bala diapole

Go aga go fitilha go 500



Feleletsa o bo o atisa

| | |
|---|--|
| Seroto se le 1 se tshotse diapole di le ____. | $1 \times 10 = 10$ |
| Diroto di le 3 di tshola diapole di le ____. | $3 \times 10 =$ |
| Diroto di le 5 di tshola diapole di le ____. | |
| Diroto di le 4 di tshola diapole di le ____. | |
| Diroto di le 2 di tshola diapole di le ____. | |
| Kereiti e le 1 e tshotse diapole di le 100 . | Dikereiti di le 2 di tshotse diapole di le ____. |
| Dikereiti di le 3 di tshotse diapole di le ____. | Dikereiti di le 4 di tshotse diapole di le ____. |
| Dikereiti di le 5 di tshotse diapole di le ____. | Dikereiti tse 2 tse di halofo di tshotse diapole di le ____. |

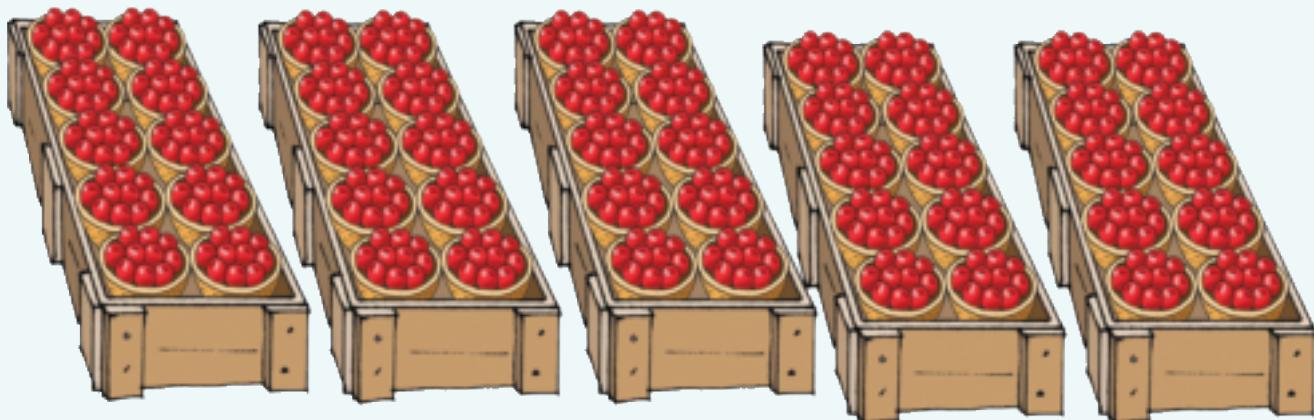


Go na le diapole di le 10 mo serotong kgotsa manking o le I.

Go na le diroto di le _____ mo kereiting e le nngwe.

Go na le diapole di le _____ mo kereiting e le nngwe.

Go na le diapole di le kae gotlhelele? _____



Go balela, go bontsha le go kwala

3 0 0

4 0

5

Sa ntliha dirisa dikaratapalo go bontsha palogotlhе nngwe le nngwe. Morago o kwale palo.

Dikereiti 3 + diroto (dimanki) 4 + diapole 5 + = diapole 345

Dikereiti 4 + diroto (dimanki) 5 + diapole 7 + = diapole _____

Dikereiti 5 + diroto (dimanki) 2 + diapole 3 + = diapole _____

Dikereiti 4 + diroto (dimanki) 7 + diapole 2 + = diapole _____



| | |
|----------|----------------------|
| Teacher: | <input type="text"/> |
| Sign: | <input type="text"/> |
| Date: | <input type="text"/> |

11 12 13 14 15 16 17 18 19 20

||||| ||||| ||||| ||||| ||||| ||||| |||||

50

Letlhah:

Kgweditharo 2

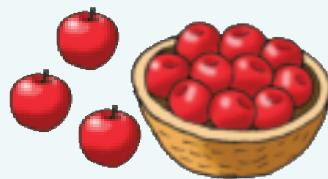
Go atisa le go arola (10)



Go bala diapole

Tlatsa theibole

Ke diroto di le kae tse di tshotseng diapole?



| | | | | | | |
|---------|--|----|----|----|----|----|
| Diapole | | 10 | 20 | 30 | 40 | 50 |
| Diroto | | 1 | 2 | | | |

| | | | | | |
|-------------|--|--|--|--|--------------------|
| Palelo ya ÷ | | | | | $50 \div 10 = 5$ |
| Palelo ya × | | | | | $5 \times 10 = 50$ |



Aroganya diapole magareng ga bana. Thala setshwantsho.

Kwala palelo ya go arola le ya go atisa go netefatsa karabo ya gago.



Netefatsa dikarabo
tsa gago.

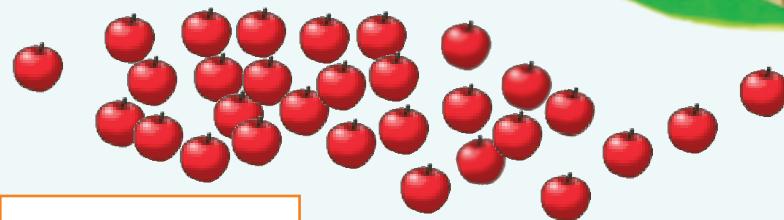
$$\boxed{} \div \boxed{} = \boxed{}$$

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





b.



Kwala palelo ÷

Kwala palelo go
netefatsa dikarabo
tsa gago. X



Dirisa dipalo go itirela dipolelopalo tsa gago.



Sekao:

$$\div \quad 40 \div 10 = 4 \quad \times \quad 4 \times 10 = 40$$



$$\div \quad \boxed{} \quad \times \quad \boxed{}$$



$$\div \quad \boxed{} \quad \times \quad \boxed{}$$



$$\div \quad \boxed{} \quad \times \quad \boxed{}$$



Kwala palo e nnyanenyana ga 10 e bile e le kgolwane ga 10 go na le palo e e filweng.

$$\underline{\hspace{2cm}}, 460, \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}}, 390, \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}}, 500, \underline{\hspace{2cm}}$$



Teacher:
Sign:
Date:

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Letihā:



Bala ka bo2

Gō balela kwa pele le kwa morago

- 232; 234; _____; _____; _____; 242; _____; _____; 248
- 500; _____; 496; _____; _____; 490; _____; _____; _____
- 460; _____; _____; 400; _____; 360; _____; _____; _____
- 341; _____; 361; _____; _____; 391; _____; 411; _____; _____



Para ya ditlelafo



- Ke **dipara tsa ditlelafo** di le kae mo moleng o le mongwe? _____
- Ke **ditlelafo** di le kae mo moleng o le mongwe? _____
- Ke mela e mekae? _____
- Ke ditlelafo di le kae fa di feletse? _____
- Bontsha gore o e dirajang.
- Kwala karabo ya gago e le polelopalo.
_____ × _____ = _____



Ke ditlelafo di le kae?

Kwala go ya ka ditheibole.

| | | | | | | | | | |
|----|-------------------------|---|--|--|--|--|--|--|--|
| a. | Para tsa ditlelafo | | | | | | | | |
| | Palo ya dihanesekune | 2 | | | | | | | |

| | | | | | |
|----|------------------------------|----|----|----|----|
| b. | Tlelafo e le nngwe | 20 | 21 | 70 | 73 |
| | Dipara tse di ka diriwang | | | | |
| | Ditlelafo tse di setseng | | | | |



Bala ka bo2

a. Ke palo efe e e tlang fa gare?

| | | |
|---------------|---------------|---------------|
| 264, ___, 268 | 391, ___, 395 | 414, ___, 410 |
|---------------|---------------|---------------|

b. Kwala dipalo tse pedi tse di latelang.

| | | |
|--------------------|------------------|------------------|
| 373, 375, 377, 379 | 480, 482, __, __ | 262, 264, __, __ |
|--------------------|------------------|------------------|

c. Kwala dipalo tse pedi tse di latelang.

| | | |
|------------------|------------------|------------------|
| 346, 348, __, __ | 415, 417, __, __ | 297, 299, __, __ |
|------------------|------------------|------------------|



11 12 13 14 15 16 17 18 19 20

||||||||||||||||||||||||||||||||||||



Dira tselana ka dithaele



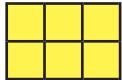
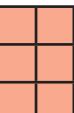
Go rulaganya tshingwana

Mme Mabena o na le dithaele tse dintle.

O di dirisa go dira tselana mo kgaolong ya tshingwana.

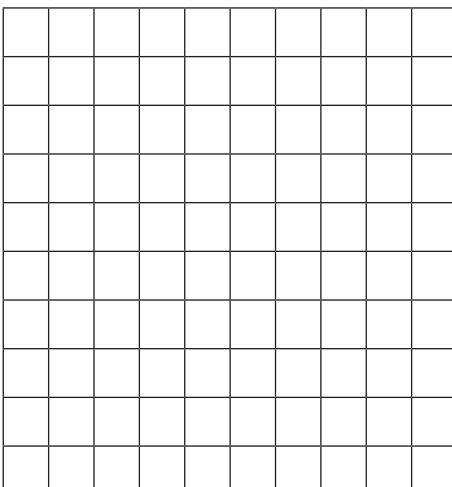
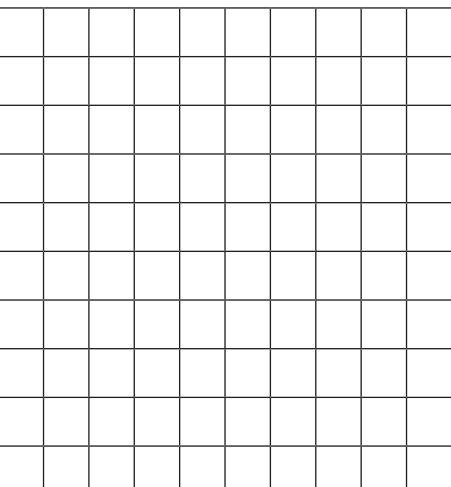
Go na le dikwere tsa dithaele di le 6 tse di lekanang ka bogolo.



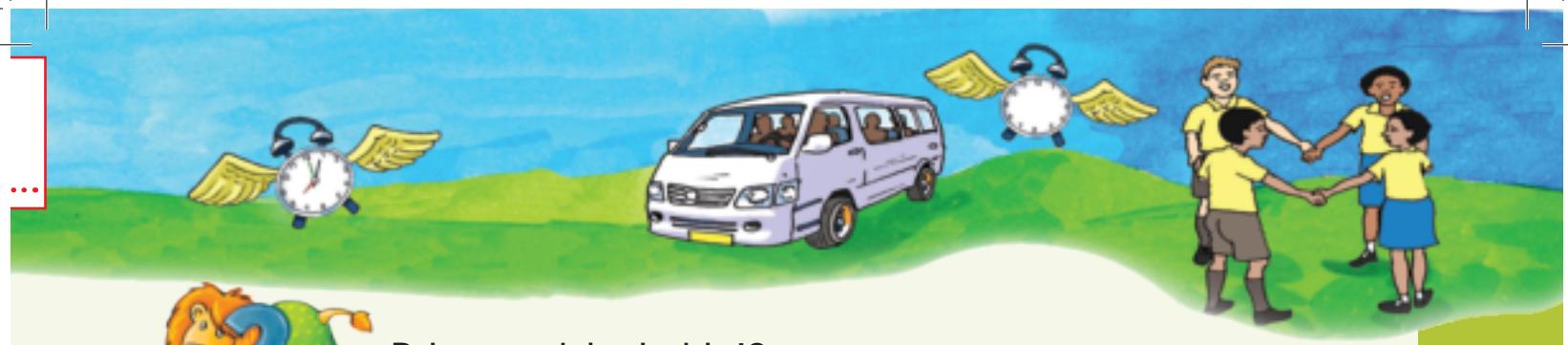
| | | |
|---|---|---|
| Ke kgona go dira mola o le 1 ka dithaele di le 6. | Ke kgona go dira mela e le 2 ka dithaele di le 3. | Ke kgona go dira mela e le 3 ka dithaele di le 2 mola mongwe le mongwe. |
|  $6 \times 1 = 6$ |  $3 \times 2 = 6$ |  $2 \times 3 = 6$ |

Jaanong ke sebaka ga gago!

Thala diboloko go bontsha gore o ka rulaganya dikwere tsa dithaele di le 8 le 9.

| | |
|---|---|
| dikwere di le 8 | dikwere di le 9 |
|  |  |

Kwala dipolelopalo tsa setshwantsho sengwe le sengwe.



Rulaganya dithaele di le 12

Thabo o na le dikwere tsa dithaele di le 12 go dira tselana kwa ntle mo segotlong moo a bayang baesekele ya gagwe teng. Mo thuse go dira seno. Kwala polelopalo ya tsela nngwe le nngwe.

| | |
|--------|--|
| Sekao: | $1 \times 12 = 12$ $12 \times 1 = 12$ |
| | |
| | |



Rulaganya dithaele di le 24

- Dirisa keriti e e Segeletsweng 2.
- Fifatsa diboloko di le 24 ka mekgwa e e farologaneng.
- Kwala dipolelopalo go nyalanya setshwantsho sengwe le sengwe.

| |
|--|
| |
|--|



Ke kgona go atisa!

| | | |
|--------------------------------------|--|---------------------------------------|
| $12 = 2 \times$ <input type="text"/> | $3 \times$ <input type="text"/> $= 12$ | $9 =$ <input type="text"/> $\times 3$ |
| $6 = 3 \times$ <input type="text"/> | <input type="text"/> $\times 3 = 12$ | $24 = 3 \times$ <input type="text"/> |



11 12 13 14 15 16 17 18 19 20

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53

Letlhha:

Kgweditharo 2

Ka bo5 go fitlha 500



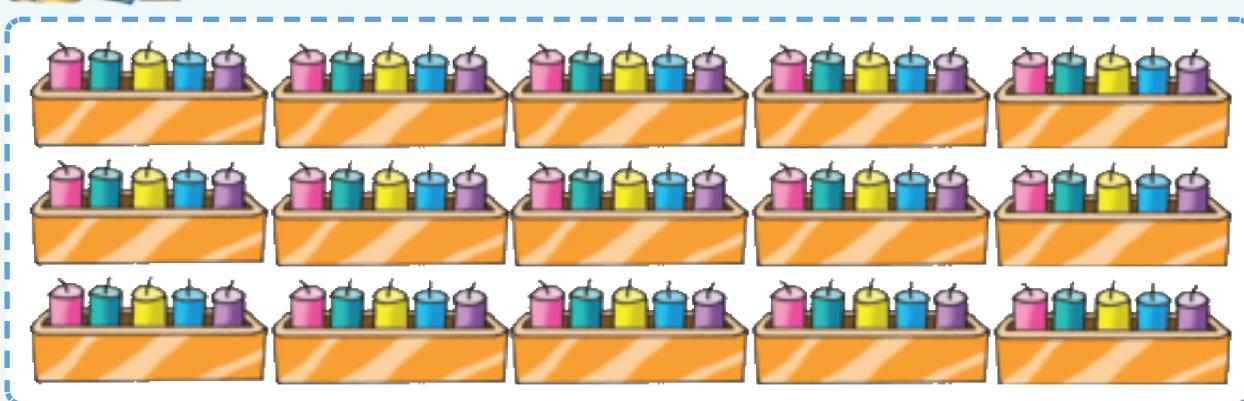
Itse bo-5 ba gago

Tlatsa dikarabo tsa gago.

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|------------|---|---|---|---|---|---|---|---|---|----|
| $\times 5$ | 5 | | | | | | | | | |



Bala dikerese



- Go na le **dikerese** di le kae mo **lebokosong** lengwe le lengwe? _____
- Go na le **mabokoso** a le makae mo moleng mongwe le mongwe? _____
- Go na le **dikerese** di le kae mo moleng mongwe le mongwe? _____
- Go na le **O** di le kae gotlhele? _____



Bontsha karabo

Tshwaya (✓) dipolelopalo tse di bontshang palogotlhé ya dikerese.

a. $5 \times 3 \times 3 = \square$ b. $15 \times 3 = \square$ c. $3 \times 5 \times 5 = \square$ d. $15 \times 5 = \square$



Bala go ya kwa pele le go ya kwa morago ka bo5

- a. 85; _____; _____; 70; _____; _____; 55; _____; _____
- b. 240; _____; _____; 255; _____; _____; _____; _____; 280
- c. 405; _____; 395; _____; _____; 380; _____; _____; 365; _____



Kokoanya dikhoene tsa R5



Bana ba kokoanya dikhoene tsa R5. Ba tlhoka dikhoene tsa R5 di le kae go dira?

| | | | | |
|-----------------------------------|-------------------------------|------------|------------|------------|
| $R5 \div R5$ = 1 khoene (ledi) | $R10 \div R5$ = 2 dikhoene | R15? _____ | R20? _____ | R25? _____ |
| R30? _____ | R35? _____ | R40? _____ | R45? _____ | R50? _____ |

$$2 \times R5 = \boxed{R}$$

$$4 \times R5 = \boxed{R}$$

A o bona
dipaterone?

$$3 \times R5 = \boxed{R}$$

$$6 \times R5 = \boxed{R}$$



Atisa ka bo5

Sekao: $I \times 5 = 5$; $II \times 5 = 55$; $III \times 5 = 105$

Nagana ka botlhale! Agela mo mabakeng a o a itseng!

| I | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----|----|----|----|----|----|----|----|----|----|
| 5 | 10 | | | | | | | | |
| II | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 55 | | | | | | | | | |



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

||||||||||||||||||||||||||||||||||||

54

Go dira ka nako



Go thala dinako

| | | | | |
|--------------------|------------------------------------|----------------------|-------|------|
| | | | | 2:15 |
| Halof go feta 5 | Kotara go yo go lesomeningwe | Kotara go feta 12 | 12:45 | 6:15 |



Mathata a nako

Mme wa ga Nomsa o tloga mo gae ka 2:30.
O boela morago ka 5:15.
O tsamalle lobaka lo lo kae?

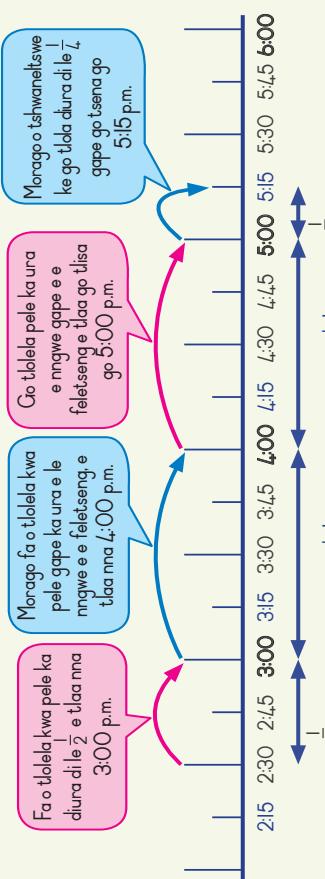
Re ka dirisa mola wa nako go e dira.
Baya monwana mo go 2:30.
jaanong nako ke.

Morago tswanetswe
ke go titida diura dile $\frac{1}{4}$
gope go tsena go
5:15 p.m.

Go titidela pele ka ura
e ngwe gape e e
feletseng e tua go tilisa
go 5:00 p.m.

Fa o titidela kwa
pele gape ka ura e le
mngwe e e feletseng e
tida mna 4:00 p.m.

Ura e $\frac{1}{2}$ titidanya le diura tses pedi tse di titideng di diura
di le $2\frac{1}{2}$. Gape fa o titidanya le ura e $\frac{1}{4}$ e diura tse
 $2\frac{3}{4}$ fa di feletseng.



Netefatsa. Bapisa. Siamisa.

Mathata a nako

Rarabolola mathata a mangwe le a mangwe. Dirisa mela ya nako go go thusa.

a. Queenie o etela Raagwe ka 15:45.

O tloga ka 17:15.

O eta lobaka lo lo kae?



b. Musa o yakwa phakeng ka 10:45.

O tla gae ka 12:30.

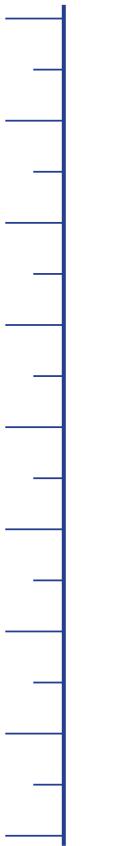
O tsamalle lobaka lo lo kae?



c. Tumi o simolola go ithuta ka 13:15.

O fetsa ka 14:45.

Tumi o ithuta lobaka lo lo kae?



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

123

Leflo:

122

2014/05/05 2:59 PM



Bala ka bo3 le bo4

Dipitsa tsa maoto a 3



Tlhakanya mme o
kwale dikarabo

Kgwendithharo 2

a. Ke dipitsa di le kae mo moleng? _____

b. Ke maotwana a le makae mo moleng? _____

c. Ke mela e le mekae ya dipitsa? _____

d. Ke maotwana a le makae gotjhelele? Bontsha gore o e berekajang.

Tshwaya (✓) Ke dipolelopalo dife tse di fa tlase tse di bontshang palogotjhe?
 $2 \times 7 = \square$ $3 \times 7 \times 3 = \square$ $3 \times 4 \times 2 = \square$ $21 \times 3 = \square$

Ke maotwana a le makae?

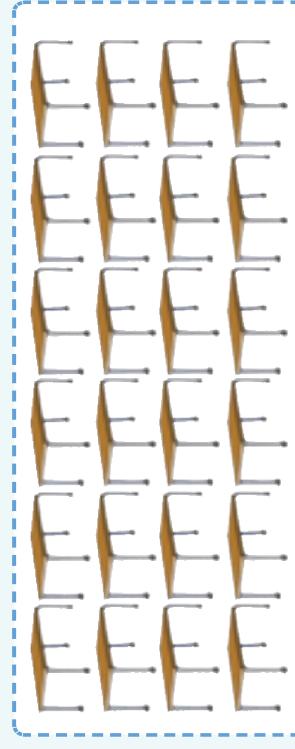
Akanya ka bondako.
Akanya sentle



| | | | | | | | |
|--------------|---|----------|------------|----------|------------|----------|---|
| Pitsa 1 | 3 | Maotwana | Dipitsa 10 | Maotwana | Dipitsa 5 | Maotwana | 2 |
| Pitsa a le 2 | | Maotwana | Dipitsa 15 | Maotwana | Dipitsa 12 | Maotwana | 3 |
| Pitsa a le 5 | | Maotwana | Dipitsa 13 | Maotwana | Dipitsa 16 | Maotwana | 6 |

| | | | | | | | |
|---|---|---|---|---|---|----|----|
| × | 3 | 6 | 8 | 5 | 8 | 10 | 12 |
| × | 4 | 8 | | | | | |

Maotwana a tafole



a. Ke ditafole di le kae mo moleng? _____

b. Ke maotwana a le makae mo moleng? _____

c. Ke mela e le mekae ya ditafole? _____

d. Ke maotwana a le makae gotjhelele? Bontsha gore o e berekajang.



Kwa madinelong

Khapentara e dira ditafole. Sa nthla o dira maoto.

O setse a dirile di le 48 go fitlha fa. A ka dira ditafole di le kae?
O tlhoka maoto a makae gapo go dira tafole e nngwe?



Feleletsa keritu ka go tlatsa dikarabo.

| | | | | | | | |
|---|---|---|---|---|---|----|----|
| × | 3 | 6 | 8 | 5 | 8 | 10 | 12 |
| × | 4 | 8 | | | | | |

1 2 3 4 5 6 7 8 9 10

11

12 13 14 15 16 17 18 19 20

125

Bala ka bao50

Ngwana a le mongwe, kobo e le nngwel!
Ke bana ba le bakae? Fopholetsa, monago o bale.



Kobo ya tsholofelo

NPO 123-098



Ba duela eng?



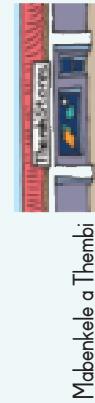
Gwazi o reka 2

O duela



Mme Chaane o reka di le 5

O duela



Mabenkele a Thembi a reka di le 20

Ba duela

| | | | |
|---|------------------|----|------------------|
| 5 | ya R50 = R250 | 10 | ya R50 = R500 |
| 4 | ya R50 = R _____ | 15 | ya R50 = R _____ |
| 3 | ya R50 = R _____ | 6 | ya R50 = R _____ |
| 7 | ya R50 = R _____ | 12 | ya R50 = R _____ |
| 8 | ya R50 = R _____ | q | ya R50 = R _____ |

Bana botile ba ba mo setswantshong ba bana kobo.
Go na le bana ba le ba kae? _____

| | | |
|------------|------|---------|
| Fopholetsa | Bala | Bapanya |
| | | |

Go na le basimane ba le bakae ☺? _____ Go na le basesana ba le bakae ☺? _____

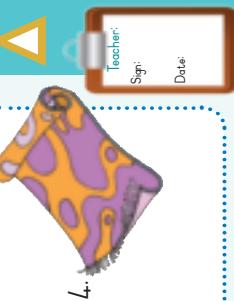


Neela gona
jaanong!

R20 kobo e
le l



a reka di le 20



Teacher:

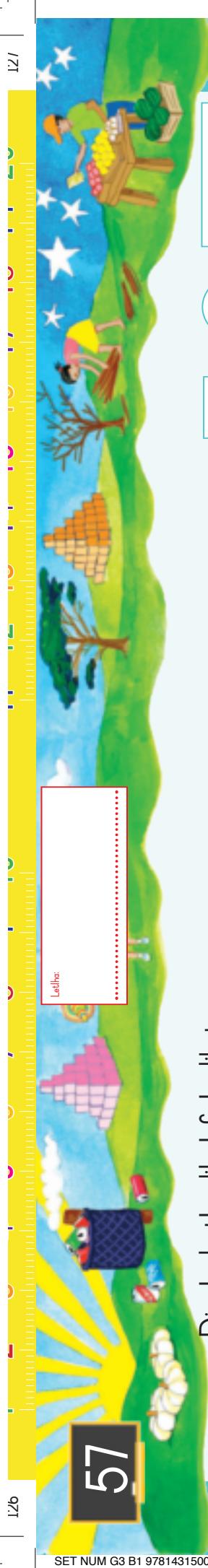
Sgn:

Date:



E tlaat tsaya lobata lo lo kae? Dirisa khalentara.

Tlase ya Mophato wa 3 e kokoanya tshelete go reka dikobo di le 4.
Ba kokanya R5 ka letsatsi mo sebakeng sa malatsi a le 5 ka beke.
Ba tlloka dibeké di le kae go kgobokanya madí a dikobo?



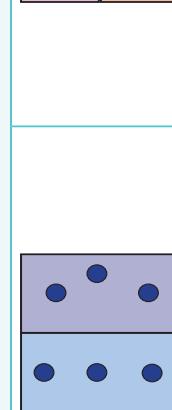
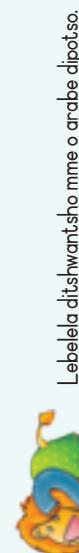
57

Dipalophatlo: dihalofo le dikotara

Kgaoqanya dikgwelé ka go lekana magareng ga mabokoso.



| | | | |
|---|---|--|--|
| <ul style="list-style-type: none"> Go na le dibolo di le kae mo lebokosong lengwe le lengwe? Go na le dibolo di le kae mo lebokosong le phepole? Lebokoso le le phepole ke palophatlo efe? | <ul style="list-style-type: none"> Go na le dibolo di le kae mo lebokosong lengwe le lengwe? Go na le dibolo di le kae mo lebokosong le phepole? Lebokoso le le phepole ke palophatlo efe? | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
|---|---|--|--|



O bala didiko di le kae?

$\frac{1}{2}$ ya didiko ke eng?

$\frac{2}{4}$ ya didiko ke eng?

$\frac{3}{4}$ ya didiko ke eng?

$\frac{4}{4}$ ya didiko ke eng?

| | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|--------------------------|--------------------------|--------------------------|--------------------------|

Khalar a $\frac{1}{2}$ ya sebopego.

Khalar a $\frac{1}{4}$ ya sebopego.

Khalar a $\frac{1}{4}$ ya sebopego.

Khalar a $\frac{3}{4}$ ya sebopego

Khalar a $\frac{1}{2}$ ya sebopego.

Khalar a $\frac{1}{4}$ ya sebopego.

Khalar a $\frac{1}{4}$ ya sebopego.

Khalar a $\frac{3}{4}$ ya sebopego

Lebelela diterepe tsa dipalophatlo.

| Palotlotlo e le | |
|-----------------|---------------|
| $\frac{1}{2}$ | $\frac{1}{2}$ |
| $\frac{1}{4}$ | $\frac{1}{4}$ |
| $\frac{1}{4}$ | $\frac{1}{4}$ |
| $\frac{1}{4}$ | $\frac{1}{4}$ |

a. Ke diripa kana dihalofo ($\frac{1}{2}$) di le kae tse di tlaa dirang palogatlo?

Ke dikotara ($\frac{1}{4}$) di le kae tse di tlaa dirang palogatlo?

Ke dikotara ($\frac{1}{4}$) di le kae tse di tlaa dirang halofo e le nngwe?

b. Lebelela ditshwantsho mme o kwale palophatlo ya karolo e fia dit'sweng.

c. Ke palophatlo efe e kgolwane go na le $\frac{1}{2}$ kgotsa $\frac{1}{4}$?

| | |
|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |

129

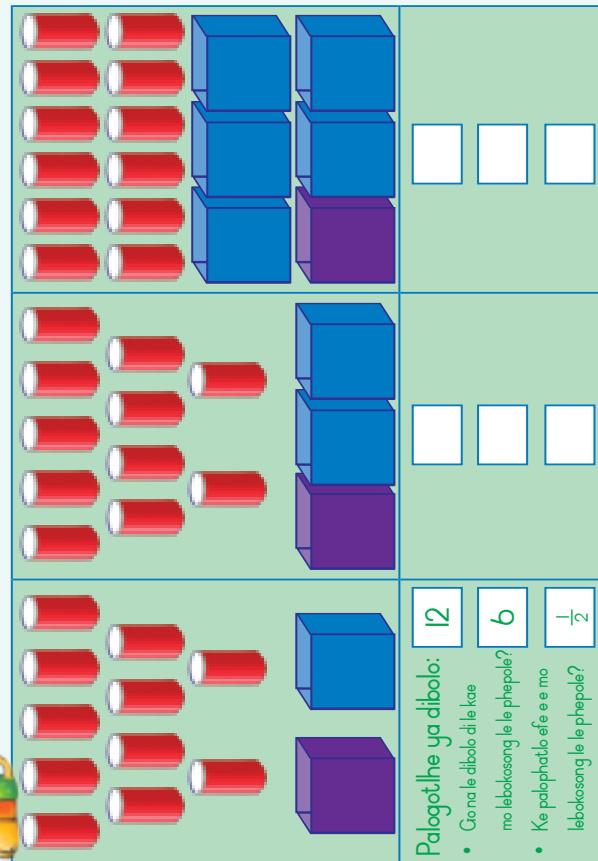
Kgwenditharo 2

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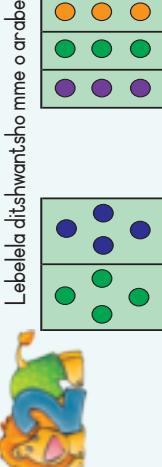
128

2:59 PM

Dipalophatlo: dihalofo,
nngwetharong e nngwetharong
Kgaoganya dikhene (disilintare) ka go lekana magareng ga mabokoso.



- Lebelela ditshwantsho mine o arabe dipotsa.
- | |
|-----|
| 1/3 |
| 2/3 |
| 3/3 |



O bolo didiklo di le
kae?

$\frac{1}{2}$ ya didiklo ke eng?

$\frac{2}{3}$ ya didiklo ke eng?

$\frac{3}{3}$ ya didiklo ke eng?

$\frac{4}{6}$ ya didiklo ke eng?
 $\frac{5}{6}$ ya didiklo ke eng?

| |
|--|
| |
| |
| |
| |



$\frac{1}{2}$ ya didiklo ke eng?

$\frac{2}{6}$ ya didiklo ke eng?

$\frac{3}{6}$ ya didiklo ke eng?

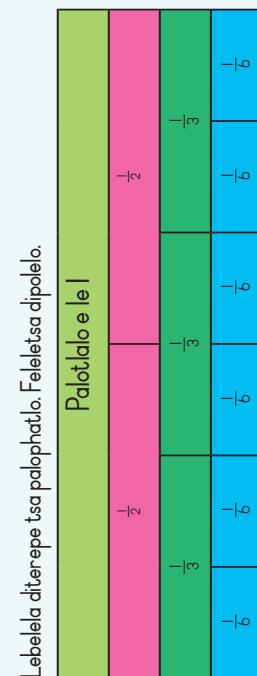
$\frac{4}{6}$ ya didiklo ke eng?

$\frac{5}{6}$ ya didiklo ke eng?



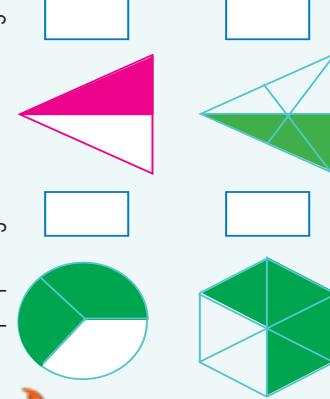
- Bontsha halofo e le nngwe mo ruleng. E lekana le ____ cm
- Bontsha nngwetharong e le nngwe mo ruleng. E lekana le ____ cm
- Bontsha nngwetharong e le nngwe mo ruleng. E lekana le ____ cm

Lebelela diterepe tsa palophatlo. Feleletsa dipolelo.



- Gona le dihalofo di le ____ mo palotlalon.
- Gona le nngwetharong dile ____ mo palotlalon.
- Gona le nngwetharong dile ____ mo palotlalon.
- Gona le nngwetharong dile ____ mo halogong.
- Gona le nngwetharong dile ____ mo nngwetharong.

Kwala palophatlo yakarole e fiftaditsweng.



Sekeletsaa palophatlo e kgolwane.

- | | | |
|----|---------------|---------------|
| a. | $\frac{1}{2}$ | $\frac{1}{3}$ |
| b. | $\frac{1}{2}$ | $\frac{1}{6}$ |
| c. | $\frac{1}{2}$ | $\frac{2}{6}$ |

Lebelela ditshwantsho mine o arabe dipotsa.

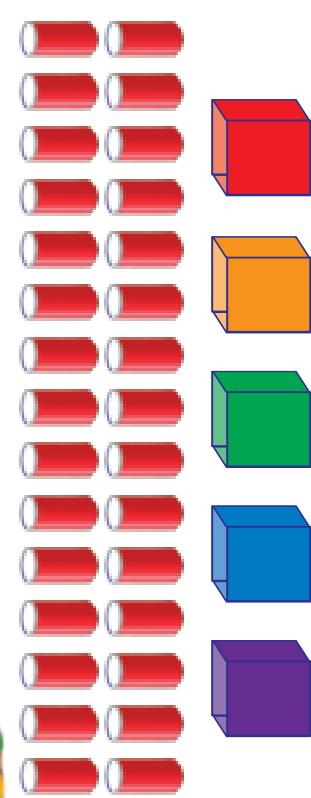
| |
|--|
| |
| |
| |
| |

5q

Diplophatlo: nngwetlhahong

Kgaoganya dikhenne go ya ka mabokoso.

Kgwenditharo 2



- Mo go $\frac{1}{5}$ ya mabokoso go na le dikhenne di le
- Mo go $\frac{2}{5}$ ya mabokoso go na le dikhenne di le
- Mo go $\frac{3}{5}$ ya mabokoso go na le dikhenne di le
- Mo go $\frac{4}{5}$ ya mabokoso go na le dikhenne di le
- Mo go $\frac{5}{5}$ ya mabokoso go na le dikhenne di le

Lebelela setshwantsho mme orabe dipotsa.

Go na le ditshokolete di le kae mo lebokosong?

- $\frac{1}{5}$ ya ditshokolete e lekana le
- $\frac{2}{5}$ ya ditshokolete e lekana le
- $\frac{3}{5}$ ya ditshokolete e lekana le
- $\frac{4}{5}$ ya ditshokolete e lekana le
- $\frac{5}{5}$ ya ditshokolete e lekana le

Letsetsi lengwe ke jelo $\frac{1}{5}$ ya ditshokolete gape. Go setse ditshokolete di le kae?

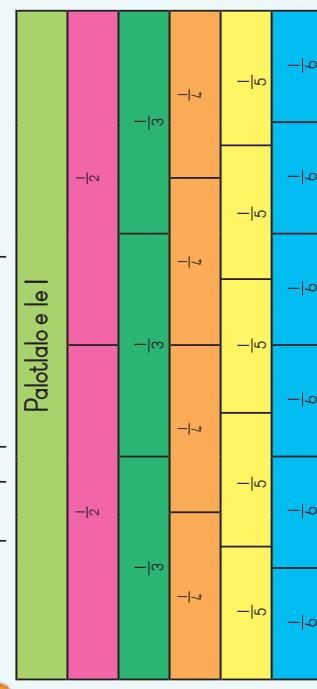
Letsetsi lengwe ke jelo $\frac{1}{5}$ ya ditshokolete gape. Go setse ditshokolete di le kae?



Khalara $\frac{1}{5}$ ya didinisia tsa go lekanyetsa.



Lebelela deterepe tsa palophatlo mme o arabe dipotsa.



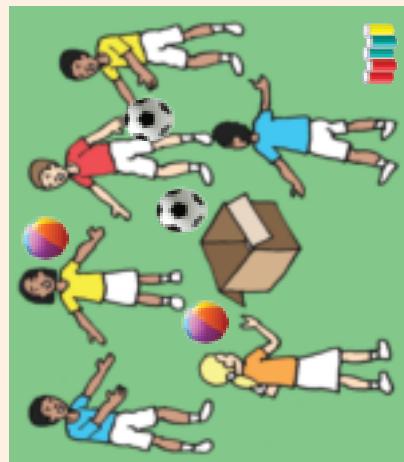
Sekeletsa kgolwane kgotsa myanenyana

- a. $\frac{1}{2}$ e kgolwane go na le /myanenyana go na le
- b. $\frac{1}{3}$ e kgolwane go na le /myanenyana go na le
- c. $\frac{1}{5}$ e kgolwane go na le /myanenyana go na le
- d. $\frac{1}{6}$ e kgolwane go na le /myanenyana go na le
- e. $\frac{3}{6}$ e kgolwane go na le /myanenyana go na le

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Dilwana tsa matlhakoremarraro (3D)



Bala mabokoso (diporisimo).
Bala dibolo (didiko).
Bala disilintara.

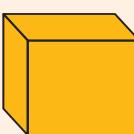
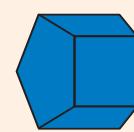


Kgwendithharo 2

60

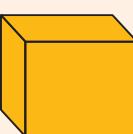
Tsotlhе tse ke mabokoso

Diris a dipaqetlana tse di segeletseng tsa 3 le 4 go di dira.



Boolo bongwe le bongwe jo bo sephaphathi bo bidwa sefatlhego. Kgomaretsa semaili se le senqwe mo sefatlhengong sengwe le sengwe sa mabokoso.

O kgomareditse difatlhego di le kae mo:



Ihube porisimo porisimo

Jaanong dira silintara go tswa mo dipapetlaneng tse di segeletseng tsa 4.
A difatlhego tsa silintara di sephaphathi kgotsa di tshekeletsa?



A difatlhego tsa silintara di sephaphathi kgotsa di tshekeletsa?

Diris a dilwana tsa gogo go aqa tse di latelang

Tihalosa maemo a silintara o dirisa mafoko

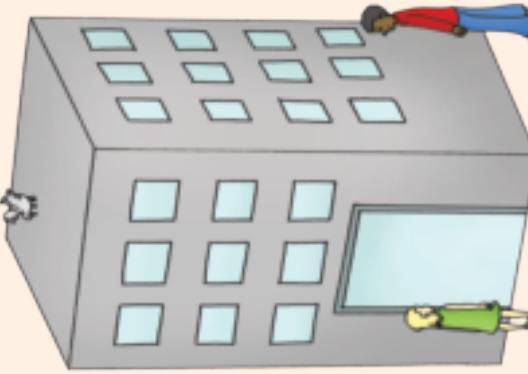
Kwa godimo

Fa pele

Fa thoko



Diris a mafoko a fa tlase go feleletsa dipolelo.



Mosetsana o lebelela _____ ga kago.

Monna o lebelela _____ ga kago.

Nonyane e lebelela _____ ga kago.

kwa pele

letlhakore



Teacher:
Sgn:
Date:

19

Go ntsifatsa gabedi le go hafola

Ao a gakologelwa? 2 ke hafola ya 4

4 ke 2 gabedi

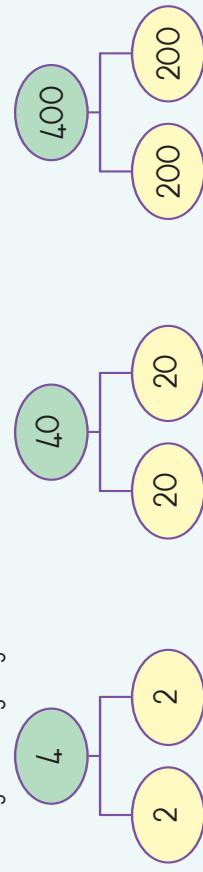
20 ke hafola ya 40

40 ke 20 gabedi

200 ke hafola ya 400

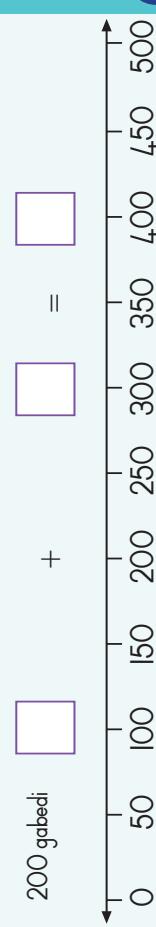
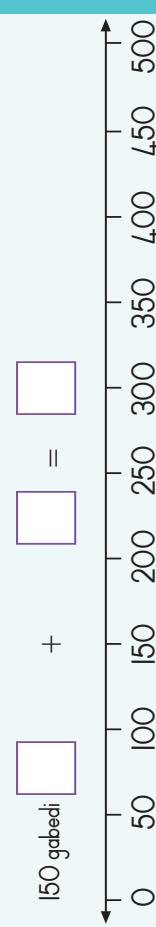
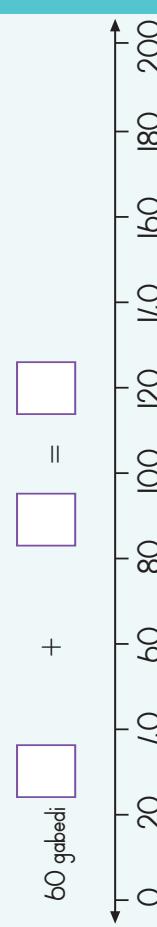
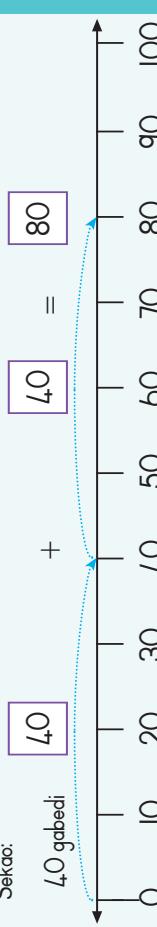
400 ke 200 gabedi

Gakologelwa Re kgona go bontsha se ka sethalo kana setshwantsho ...



Ntsifatsa gabedi o dirisa molapdo. O diretswe sekao sa ntjha.

Sekac:



Felletsatse di latelang



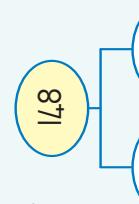
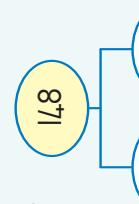
- | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|
| <input type="radio"/> a. Hafola 220 | <input type="radio"/> b. Hafola 180 | <input type="radio"/> c. Hafola 260 |
| <input type="radio"/> d. Hafola 60 | <input type="radio"/> e. Hafola 320 | |

Teacher:
Sign:
Date:

b2

Gabedi le halofo gape

Batla sebedi kgotsa dihalofo

- a.  73
- b.  148
- c.  q6
- d.  134
- e.  166
- f.  8q

Go bolokela baesekelé

Peter o bolokka R25 ka beke go reka baesekelé. Ke dibeké di le koe tse a tshwanetseng go boloka?

Karabo: dibeké

Sesolo

Sesolo R450

Halofo ya thothlhwā: R900



Sesolo xa halofo ya thothlhwā: e ne e le



- a. Dikobo R190
Thothlhwā ya sesolo _____
- b. Dilladane R154.
Thothlhwā ya sesolo _____
- c. Mesamo R54.
Thothlhwā ya sesolo _____

Kgwendithhaho 2

Ke diranta dile kae?

Musa o batla go reka hempe. O na fela le halofo ya thothlhwā.



Ri35

O santse a thlaka bokae? R _____



R78.50

Dithlako tsā ga Peter di ja gabedi go fetajakka tse.



R97

Mosese wa ga Phindi ke thlhwatlhwā qabedi ya a.



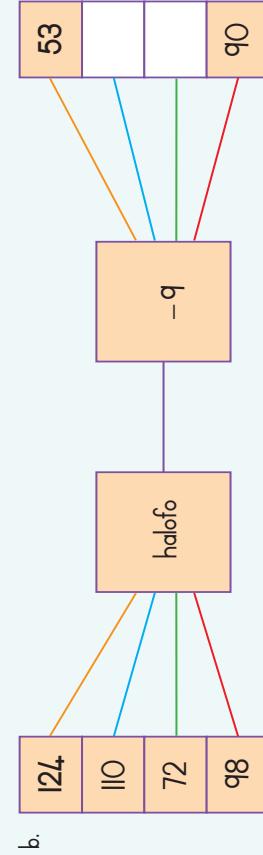
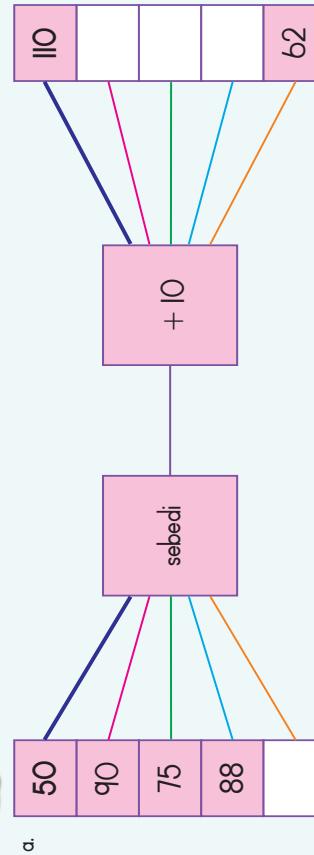
R97

Mosese wa ga Phindi o ja bokae? R _____



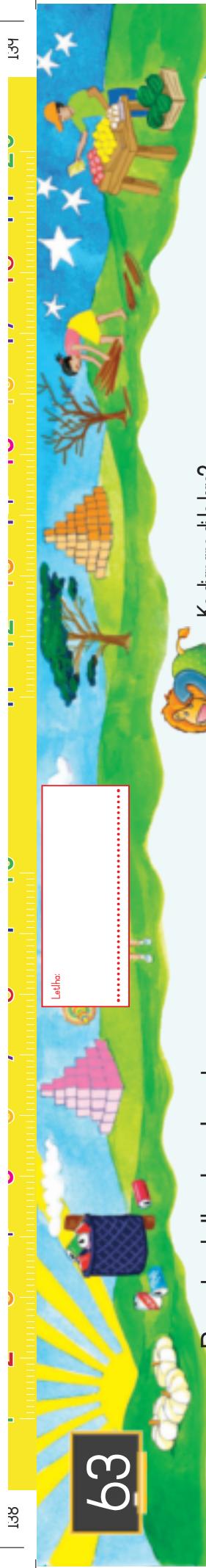
Ke eng se se tsemang? Ke eng se se tswang?

Latela sekao. Tlatso dinomore tse di tlodgetswang.



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | q | 10

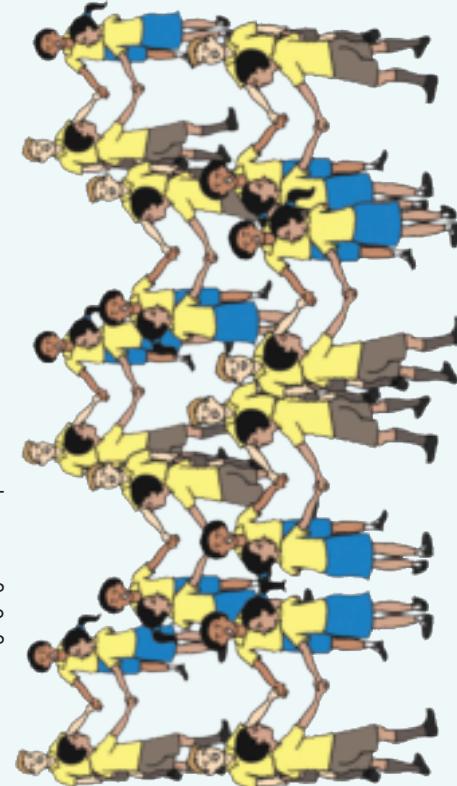
1 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | q | 20



Bayu ka ditlhophha o bo o kopanya

Bayu bana ka ditlhophha

Mme Ndbaa o batla go koaoganya tlelase ka ditlhophha tse di lekanang tebang le metshameko ya kwanle. Lwanthaa o ba boyo go ya ka ditlhophha tsaa 4.



Kgweeditharo 2

63

38

Ke diaparo di le kae?

Phindoo na le dihempe dile 5 tsaa mebalale marokgwe a makhutshe a le 5 a mebalale. Ke diaparo dile kae tse di farologaneng tsaa ka di dirang a dirisa tlhakantsuke ya mebalale e farologaneng?

Selao: Hempe e botala jwa legodimo/borokgwe bo bokhutshe jo bo botala jwa legodimo. Hempe e botala jwa legodimo/borokgwe ba mmala wa namune Kwala tlhaka ya nthaya mmada o mongwe le omongwe. Bontsha kgognago ja dia paro tsae dingwe tsotlhe.

a. Ke bana ba le bakae mo setjhopheng?

b. O dira ditlhophha dile kae?

c. Bontsha mekgwa yotlhe e ba ka kgaoognngwang ka ditlhophha tse di lekaneng ka yona.

11 12 13 14 15 16 17 18 19 20

Teacher:
Sign:
Date:

Netefatsa. Bopisa.
Siamisa.

Bonelapele: Go tlao nnajang fa Phindi ana le mebalale bo ee farologaneng ya dihempe le mandrogwe a makhutshe.

Ke diaparo di le kae tse a ka di dirang?

64

Boithabiso jwa Matesisi

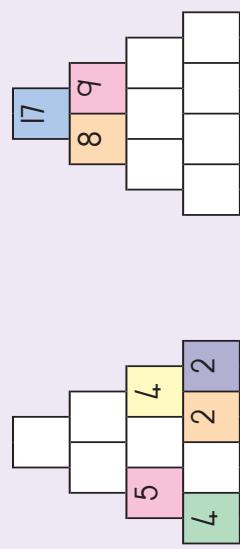
Lebelela molawana

Dirisia molawana go batla dipalo tse di tlhakanaeng.

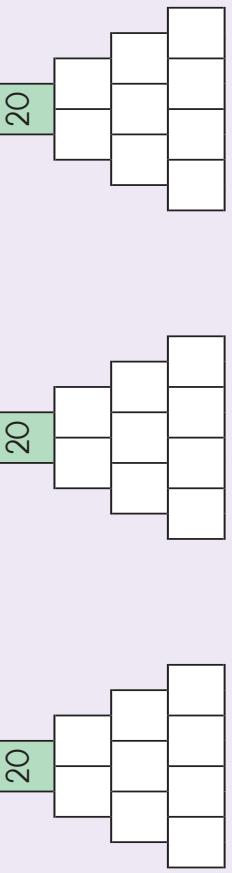
Go batla dipalo

Kgweedithaoro 2

Jaanan diratse.



Agela go 20 ka mekgwa e 3 ee e farologaneng.



Kgwetlho

Akanyafela

Dirisa dipalo 1, 2, 3, 4 le 5.

Dipalo tse 3 mo moleng o mongwe le o mongwe di tlhakane go fa 10.

Molawana: Dirisa palo nngwe le nngwe gangwe fela.

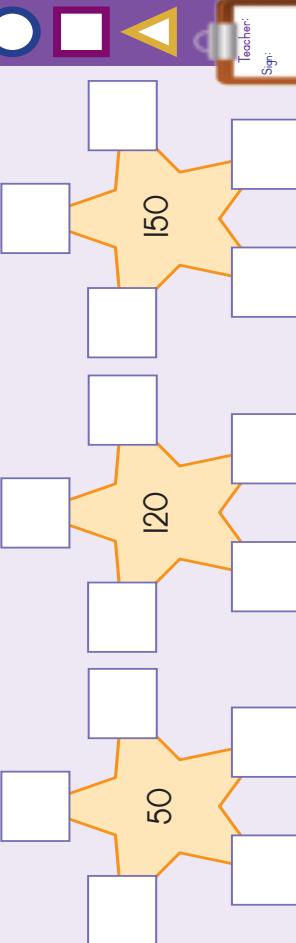
a. Molawana: Dipalo tse 3, go kqabaganya mela le go yakwa tlase le dikhomo, ditlhakana go nouqapalogothle e etshwanang.

| | | | |
|---|---|---|---|
| 2 | 5 | 3 | 6 |
| | | | 2 |
| | | | |

b. Molawana: Dipalo tse 3, go kqabaganya mela le go yakwa tlase le dikhomo, ditlhakana go nouqapalogothle e etshwanang.

| | | |
|----|----|----|
| 23 | 28 | 21 |
| 12 | | 26 |
| | | 10 |

c. Molawana: Kwala dipalo dingwe fela tse 5 tse di tlhakanang gorae palo e fa gare mo naleding.



Lello:



| | | | | | |
|---|---|---|---|---|---|
| I | I | O | I | O | O |
| 2 | 2 | O | 2 | O | O |
| 3 | 3 | O | 3 | O | O |
| 4 | 4 | O | 4 | O | O |
| 5 | 5 | O | 5 | O | O |
| 6 | 6 | O | 6 | O | O |
| 7 | 7 | O | 7 | O | O |
| 8 | 8 | O | 8 | O | O |
| q | q | O | q | O | O |

I O O

I O I

2 O O 2 O 2

3 O O 3 O 3

4 O O 4 O 4

5 O O 5 O 5

6 O O 6 O 6

7 O O 7 O 7

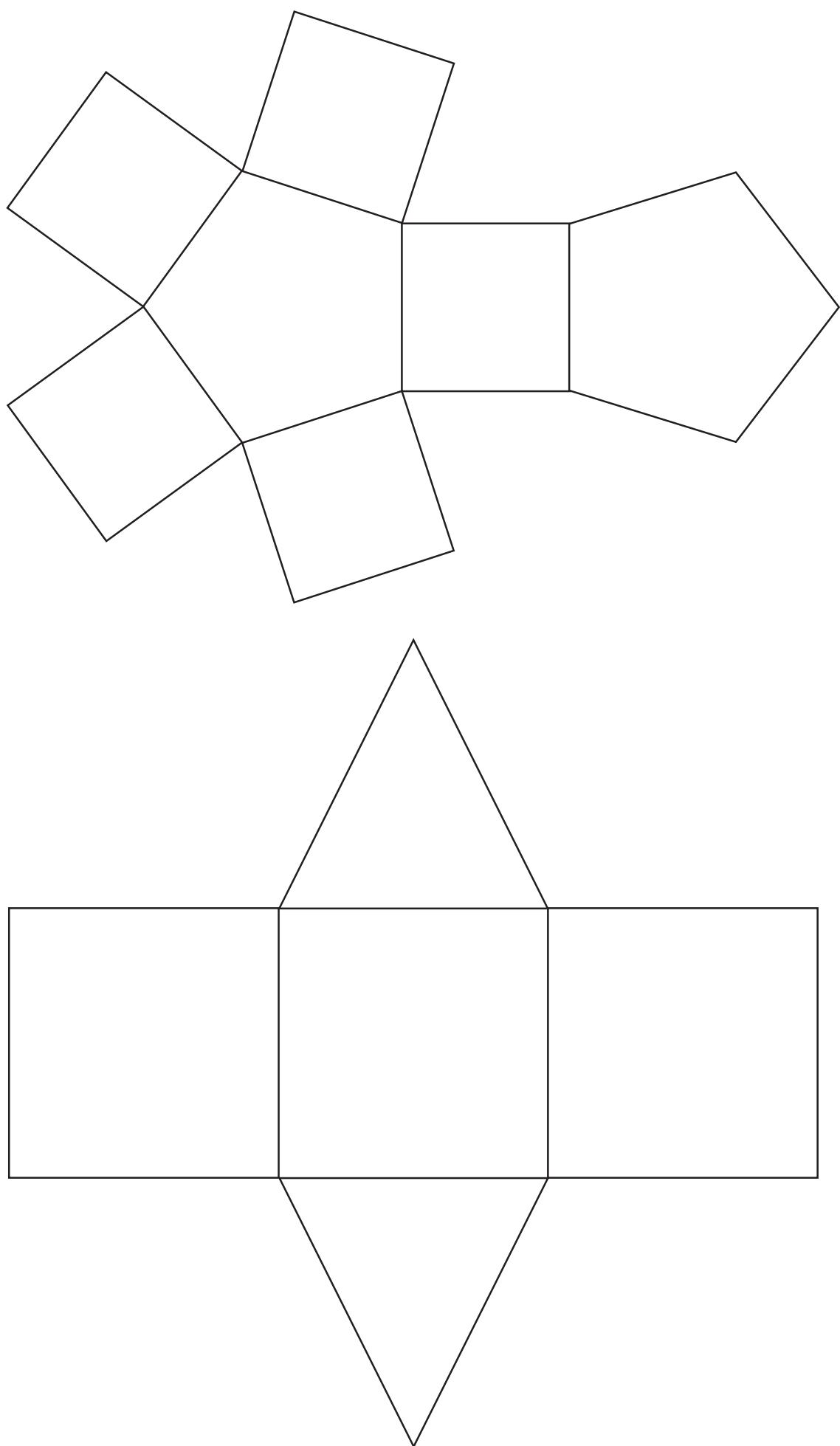
8 O O 8 O 8

q O O q O q

Tse-di-segeletsweng 2

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Cut-out 3



Cut-out 4

