



Mdi Angie Motshekga,
Tona ya Thuto ya Motheo



Mna Enver Surty,
Motlatša-Tona ya Thuto
ya Motheo

Dipukutšomo tše di tšweleditšwe go thuša bana ba Afrika-Borwa ka tlase ga boetapele bja Tona ya Thuto ya Motheo. Mdi Angie Motshekga, le Motlatša-Tona wa Thuto ya Motheo. Mna Enver Surty.

Rainbow Workbooks di bopa karolo ya mohlwaela wa tsenogare woo maikešetšo a yona e lego go kaonafatša mošomo wa barutwana ba Afrika-Borwa bao ba lego mephatong ye tshela ya mathomo. Projekte ye, bjalo ka ge e le ye nngwe ya dinepokgolo tša Dithulaganyo tše go Diragatša tše Mmušo, e kgonne go diragala ka thekgo ya mašeleng a go tšwa, ka ntle le go kgokgona go Sešegotlotlo sa Bosetšhaba. Se se kgontšitše Kgoro go dira dipukutšomo tše, ka maleme ka moka a semmušo, ka ntle ga gore Kgoro e lefe.

Re hutša gore barutiši ba tla holega ka dipuku tše mošomong wa bona wa tšatši ka tšatši wa go ruta, le go kgonthiša gore barutwana ba kgona go fetša lenanethuto. Re hlokometše gore re hlahlle barutiši ditirong ka moka ka go tsenya maswao a ditaetši ao a laetšago seo morutwana a swanetšego go se dira.

Re tloga re hutša gore bana ba tla ipshina ka go dira mešomo ye e lego ka mo dipukwaneng tše ge ba dutše ba gola, ba ithuta, le gore wena, morutiši, o tla ipshina le bona mo lethabong la go ithuta.

Re kganyogela lena, barutiši, le barutwana ba lena, katlego, ka tšhomiso ya dipukutšomo tše.

ISBN 978-1-4315-0009-3



9 781431 500093



MATHEMATICS IN SEPEDI
GRADE 3 – BOOK 1
TERMS 1 & 2

ISBN 978-1-4315-0009-3

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NOT BE SOLD.



Published by the Department of Basic Education
222 Struben Street
Pretoria
South Africa

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Fifth edition 2015

Author team: Smith, P., Blom, L., Aitchison, J.J.W.

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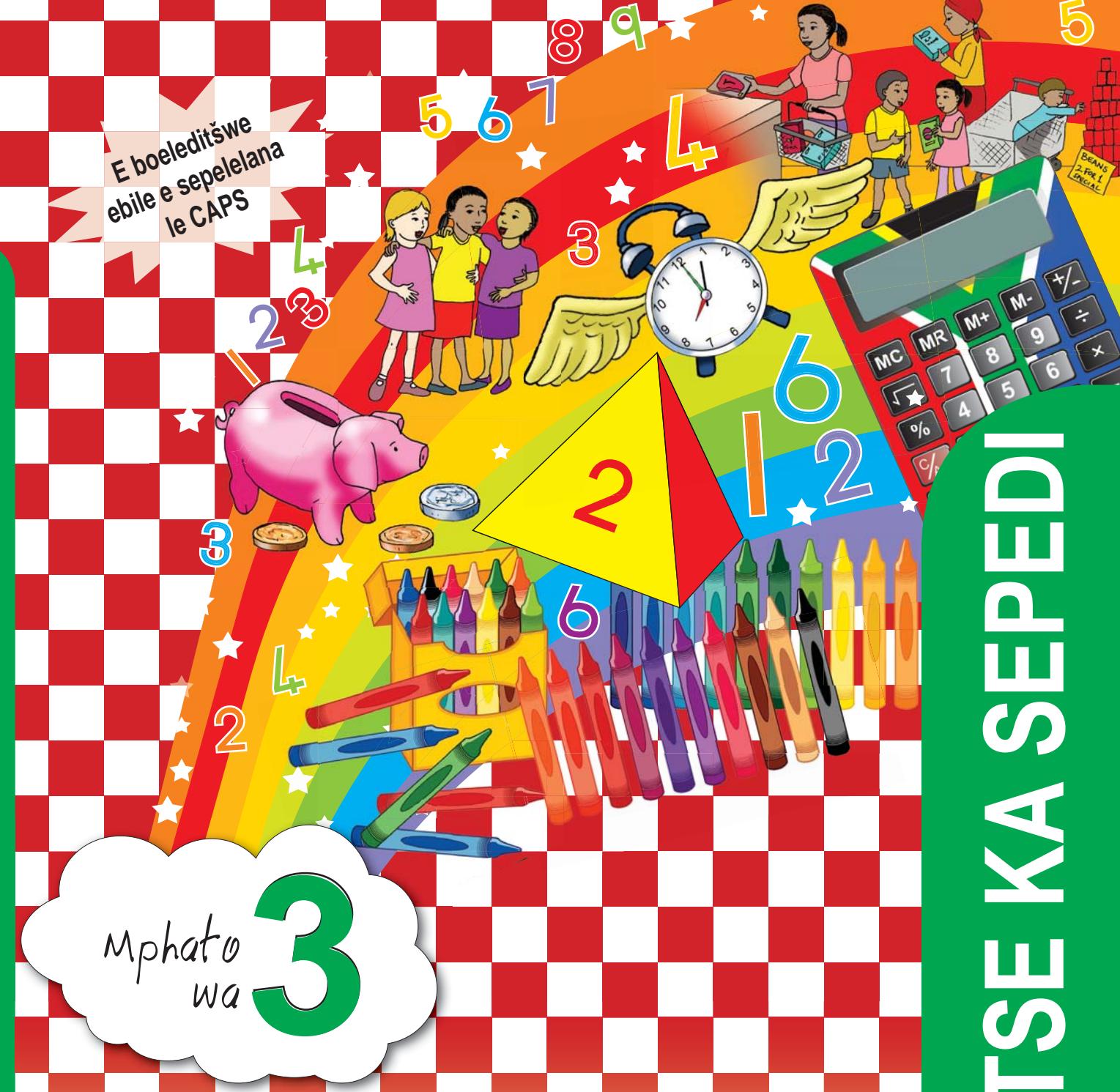
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MMETSE KA SEPEDI – Mphato wa 3 Puku ya 1



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Mphato
WA
3

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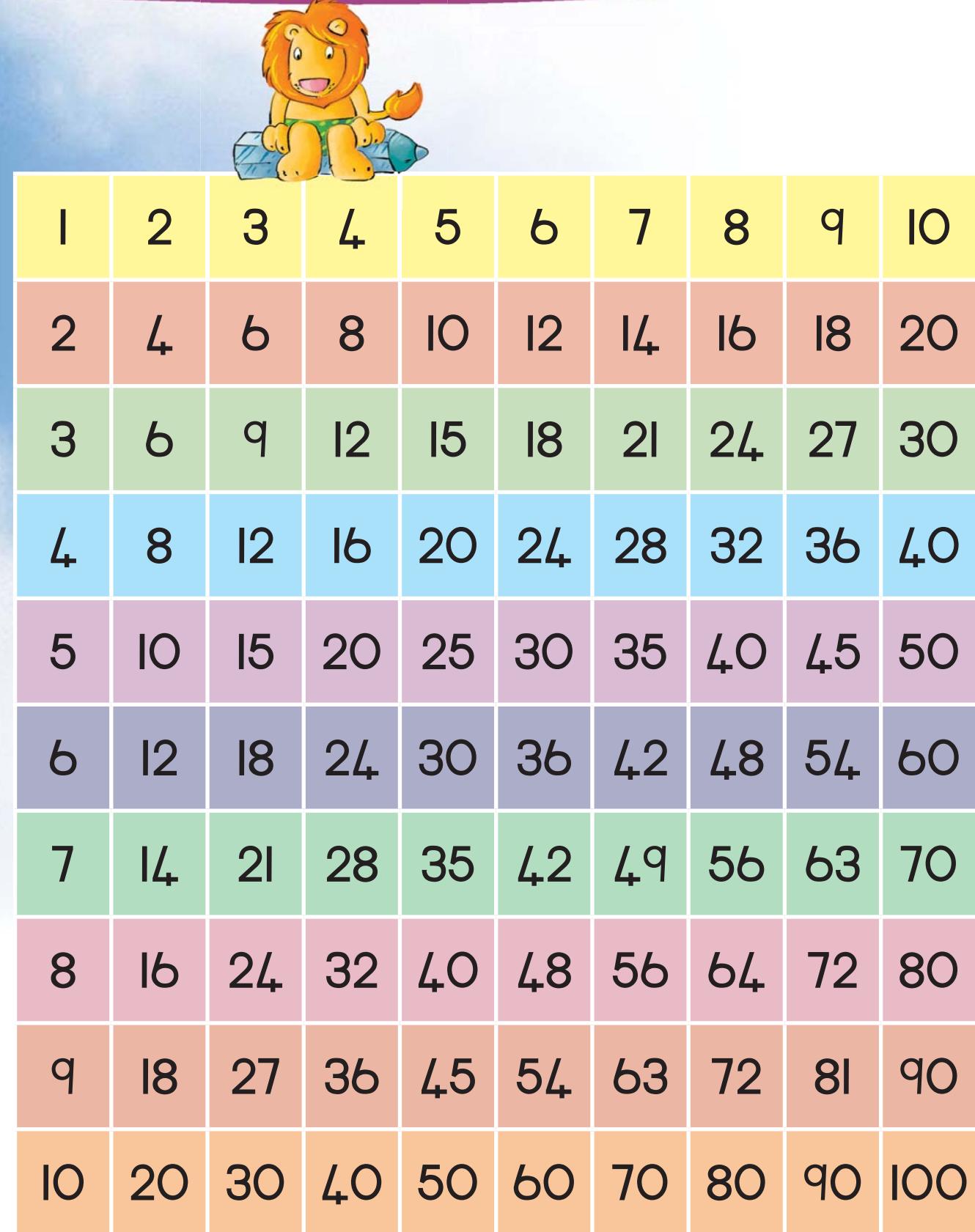
MMETSE KA SEPEDI

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Mphato
wa

3



KA SEPEDI

Puku ye ke ya:



SEPEDI

Puku ya

I



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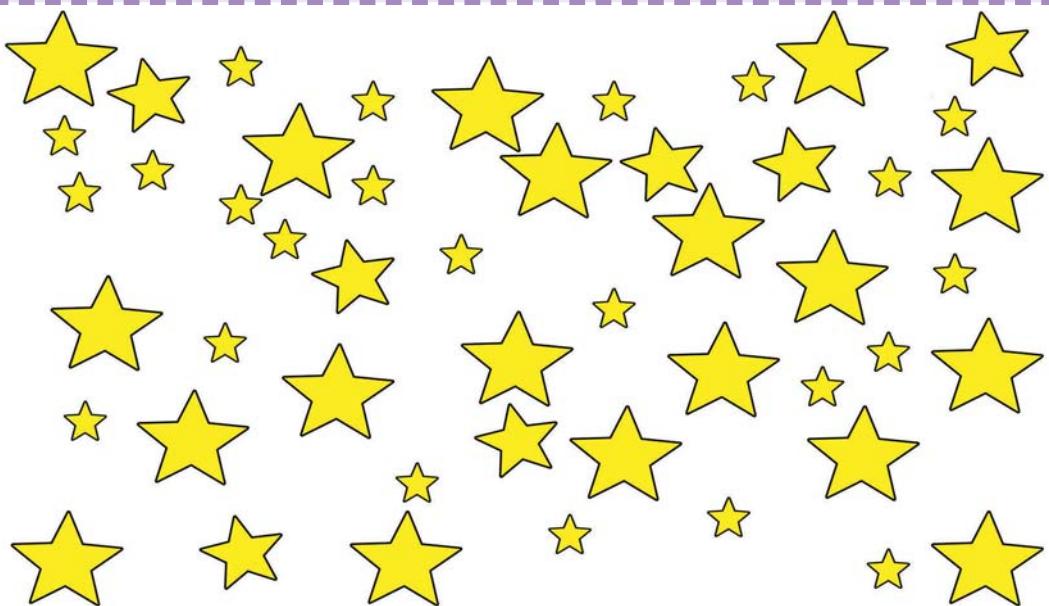
Kotara ya!



Bala, beakanya o be o laetše!

Na go na le dinaledi tše kae?

Bapetša dikarabo.



Akanya gore ke dinaledi tše kae. _____

Bjale di bale! _____

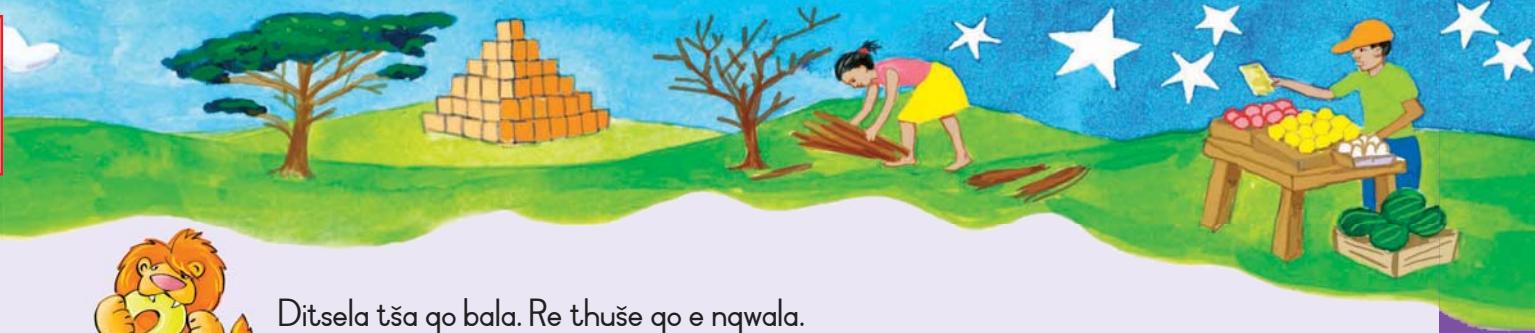
Hwetša mothopasefoka!



Na ke mang yo a akantšego go feta ba bangwe?

Ngwala maina a gago le dikarabo ka gare ga lenaneo le.

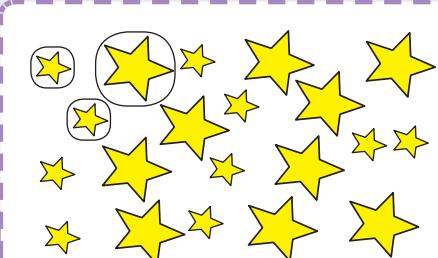
Leina					
Kakanyo					
Palo ye e badilwego					
Phapano magareng ga kakanyo ya gago le seo o se badilego					



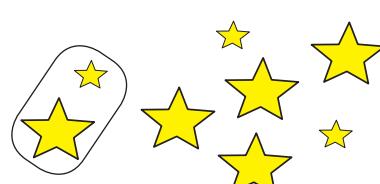
Ditsela tša go bala. Re thuše go e ngwala.



Ke badile
ka di 1.



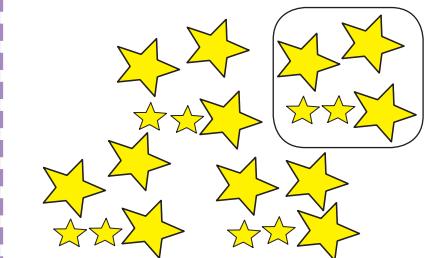
1, 2, 3, _____



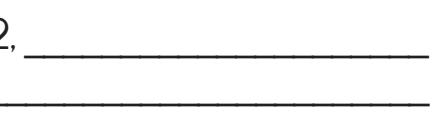
Ke badile
ka di 2.



Ke badile ka
di 5



5, _____



Ke badile
ka di 10



Ngwala mafokopalo

Ngwala mafoko a mabedi go fa palomoka ya dinaledi tše kgolo le tše nnyane mo seswantshong sa mo go letlakala la 2.

Di ngwale ka mekgwa ye mebedi.

Ge o hlakanya dinomoro
dife goba dife tše pedi, ga
go tshwenye gore tatelano
ya tšona ke efe.

Kgolo Nnyane Bjalo ka ye:

goba

Bjalo ka ye:

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

Gape bjalo ka lefokopalo.

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

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



Teacher:
Sign:
Date:

2



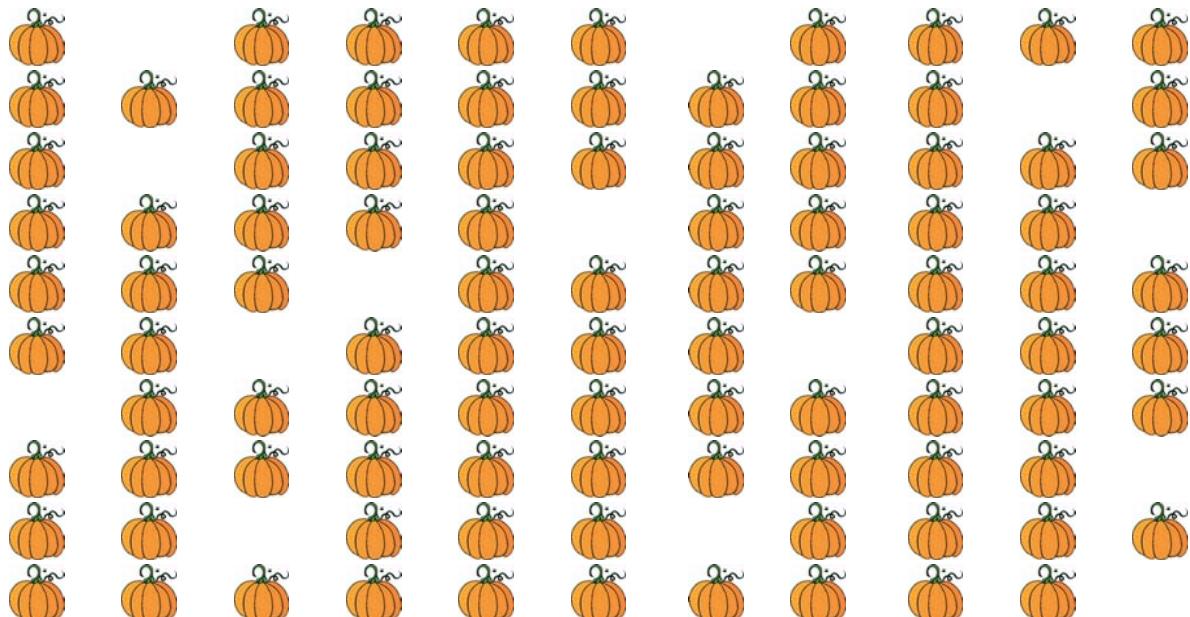
Letšatšikgwedie:

Kotara ya |



Bala mafodi

Hwetša tsela ye bonolo ya go a bala.



Karabo: _____



Go paka mafodi

Mafodi a lesome a lokelwa ka mokotlaneng o tee.



Na o ka tlatša mekotlana ye mekae ka mafodi? _____

Go šetše mafodi a makae? _____

Go nyakega mafodi a makae gape go tlatša mokotlana wo mongwe gape?



Go tloga ka + go fihla ka \times (go hlakanya le go atisa)

Feleletsha mafokopalo.

Mohlala:

$$10 + 10 + 10 + 10 = 40 \Rightarrow \text{di } 4 \text{ tše } 10 = 40 \Rightarrow 4 \times 10 = 40$$



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

$$\underline{\hspace{2cm}} \text{ dihlopha tša } 10 = \underline{\hspace{2cm}} \Rightarrow \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



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

$$\underline{\hspace{2cm}} \text{ dihlopha tša } 10 = \underline{\hspace{2cm}} \Rightarrow \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



Diatla le menwana



Na ke diatla tše kae? _____

Na ke menwana ye mekae? _____

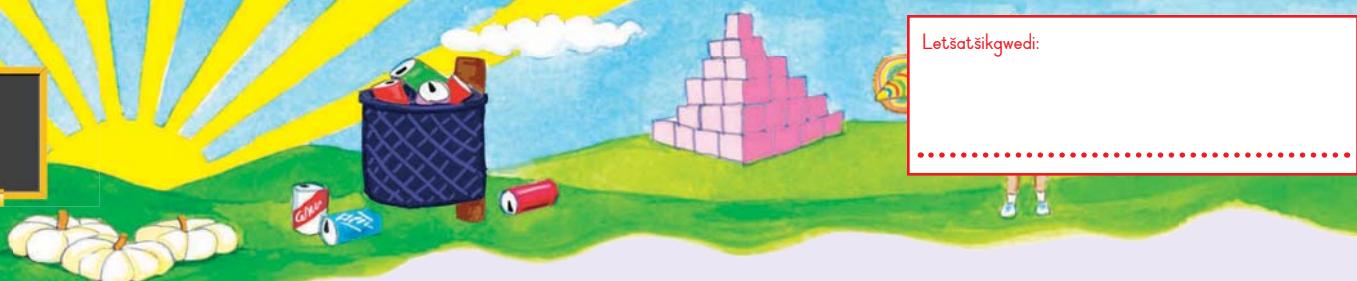
Ngwala dikarabo tša gago ka ditsela tše 2.

$$\underline{\hspace{2cm}} \text{ dihlopha tša } 10 \text{ ke} = \underline{\hspace{2cm}} \text{ le } \underline{\hspace{2cm}} \times 10 = \underline{\hspace{2cm}}$$



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

3a



Letšatšikgwedī:

Kotara ya |



Dinomoro godimo ga papetla ya makgolo

Go bolela ka dinomoro

Bolela dinomoro ka moka go tloga go 1 – 100.

Di šupe o le gare o tšwela pele go di bolela.

I	2	3	4	5	6		8	9	10
II									
							27		
			34						40
41									
					55				
		63							
71									
					86				
			94						100



- Ngwala nomoro yeo e sego gona ka gare ga poloko ye nngwe le ye nngwe ye talalerata.
- Ngwala dinomoro tše dingwe.
- Dinomoro tše serolane ke tša mohuta mang?



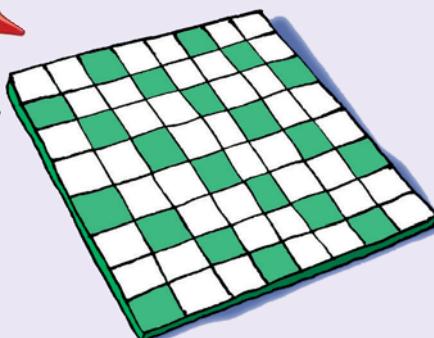
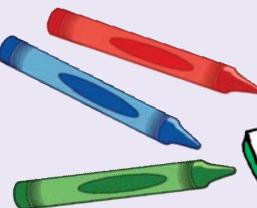
Ngwala dinomoro tše ka mantšu.

90	lesomesenyane	41	
77		56	
14		65	



Go bala le go khalara

Itokišetše go khalara!



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	I00

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	I00

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	I00

Bala o be o hlophē
di-I0.

Bala o be o hlophē di-5 go
tloga go 0 – 100.

Bala o be o hlophē di-2.

Bala ka di-I0 go tloga go 10
go fihla go 100.

Bala ka di-5 go tloga go 5
go fihla go 100.

Bala ka di-2 go tloga go 2
go fihla go 100.

Ngwala ka di-I0 go tloga go
10 go fihla go 100.

Ngwala ka di-5 go tloga go
5 go fihla go 80.

Ngwala ka di-2 go tloga go
2 go fihla go 100.



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3b

Letšatšikgwedie:

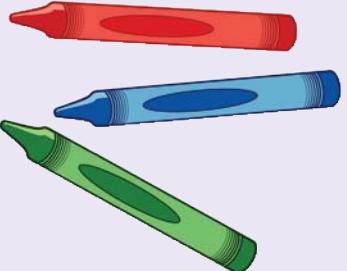


Dinomoro godimo ga papetla ya makgolo (di tšwela pele)



Go nyaka dipatrone

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



Swaya di-10 ka moka.

Swaya di-5 ka moka.

Swaya di-2 ka moka.

Ngwala dinomoro tša mathomo tše 20 tše di lego ka dipatrone tša di-2 le tša di-5.



Go bala ka dipatrone

Ngwala dinomoro tšeо di tlogetšwego.

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



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Date:

4



Letšatšikgwedī:

Kotara ya!



Go laetša dinomoro tša gago

Ntšha dikarata tša dinomoro go tšwa lephephenq la disegwa la l.
Šomiša dikarata go hlama dinomoro tše.

19

43

69

54

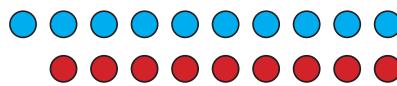
35

10

q



19

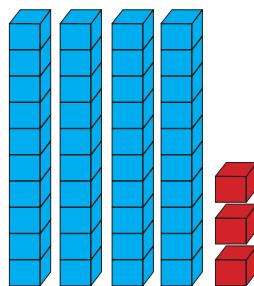


10

q

$$10 + q = 19$$

43



10

10

10

10

3

$$40 + 3 = 43$$

Bjale šomiša dikarata go hlama dinomoro tše. Šomiša disegwa tša l.

54

35

69



Go ngwala dinomoro tše

Re go diretše ya mathomo.

Gape re ka re
di-l tše q

Iq	IO + q	lesome le di-l tše q	lesomesenyane
43			
69			
54			
35			
21			
73			
44			
32			
89			
17			
95			
56			
68			
67			



Ngwala dinomoro tše hlano tša mathomo tša lenaneong la ka godimo
ka tatelano go tloga go ye nnyane go ya go ye kgolo.

_____ ; _____ ; _____ ; _____ ; _____

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Sign:

Date:

5



Letšatšikgwedie:

Kotara ya |

**Lebenkele la Lebo**

Mesong Lebo o na le diphakete tše 19 tša diapola.
Ka letena o šetše ka diphakete tše 13.

- a. Na Lebo o rekišitše diphakete tše kae? _____
- b. Ngwala karabo ya gago ka tsela ya lefokopalo.
_____ - _____ = _____



Ngwala mafokopalo a mangwe a mahlano go laetša karabo ya go swana.
 $15 - 9 = 6$ _____

**Poeletšo ya dinomoro**

Ngwala dikarabo.

$1 + 2 = 3$

Šomisa...
 $+ - =$

$10 + 5 =$ <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"/>

**Dipalo tša go sepelelana**

Mehlala ya meloko ye ya dinomoro še:

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



Na o kgona go bona dipalo ka moka tša go sepelelana le I4?

$I + I3 = I4$	$I3 + I = I4$	$I4 - I = I3$	$I4 - I3 = I$
$2 + I2 =$			
$3 + II =$			
$4 + IO =$			
$5 + q =$			
$6 + 8 =$			
$7 + 7 =$			



Ke ile go dira bjalo
le ka I2.

I2

$I + II = I2$			
$2 + IO = I2$			
$3 + q = I2$			
$4 + 8 = I2$			
$5 + 7 = I2$			
$6 + 6 = I2$			



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Date:

6



Dipedifatšwa le diripagare

Letšatšikgwedie:

Na o a gopola?

2 gabedi ke 4

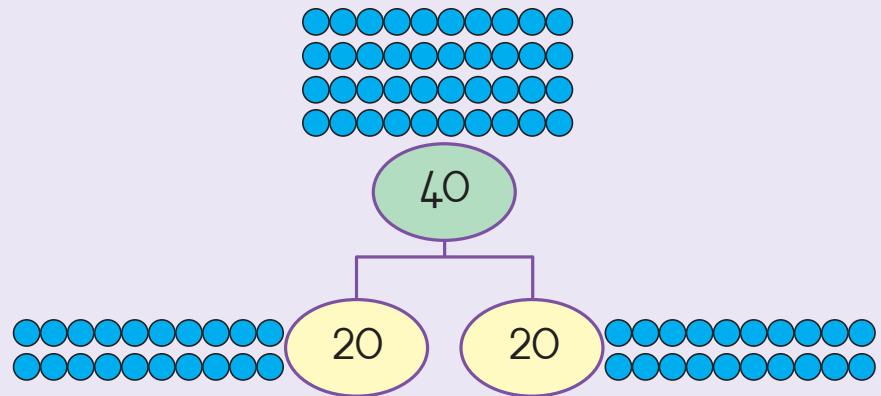
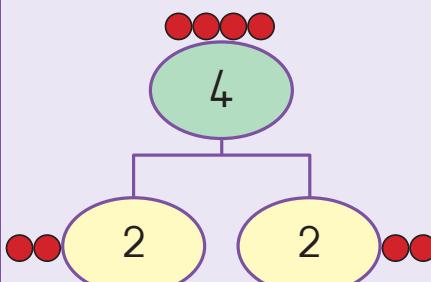
20 gabedi ke 40

4 ke 2 gabedi

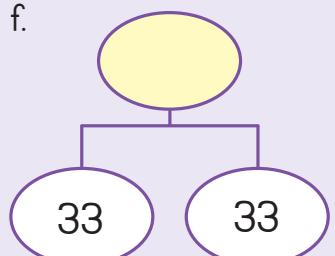
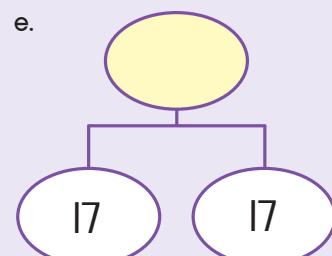
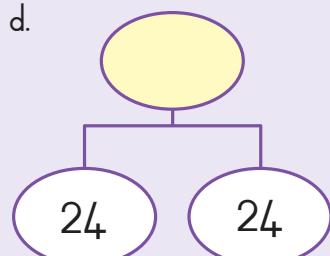
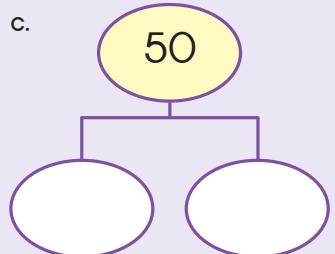
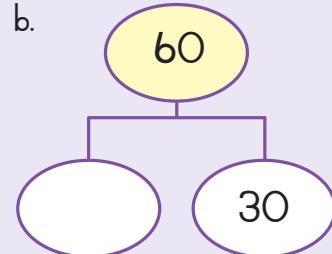
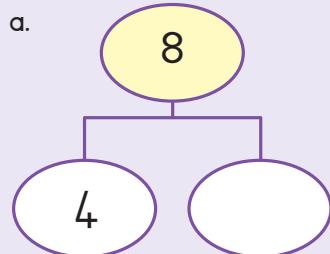
40 ke 20 gabedi

Kotara ya |

Re ka laetša se ka sethalwa



Go hwetša dipedifatšwa goba diripagare



Tlholo

Hwetša seripagare sa 3.

E laetše bjalo ka nomoro goba leinapalo. Sethalwa se ka go thuša.



Pedifatša nomoro o šomiša mothalopalo.
O filwe mohlala wa mathomo.

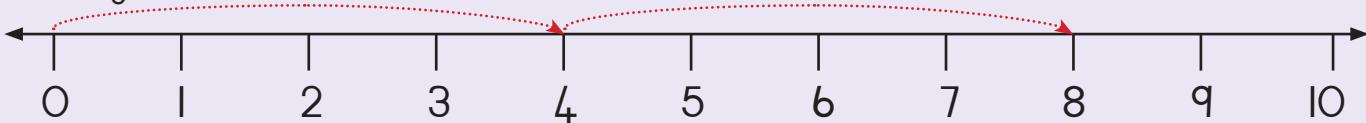
a. 4 gabedi

4

+

4

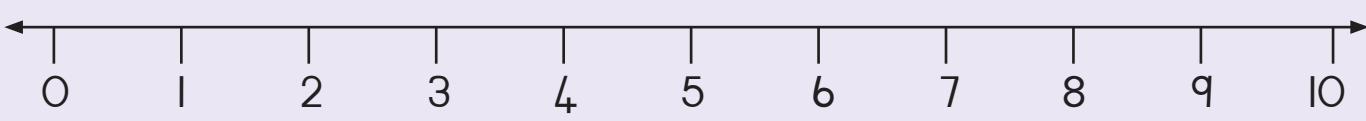
= 8



b. 5 gabedi

+

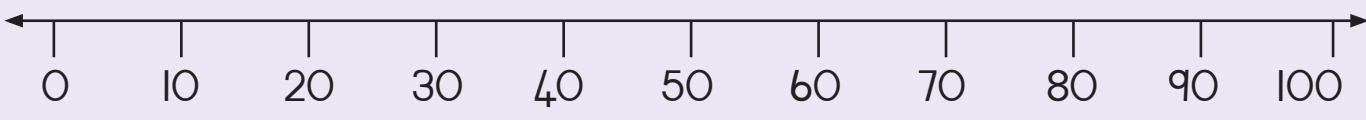
=



c. 20 gabedi

+

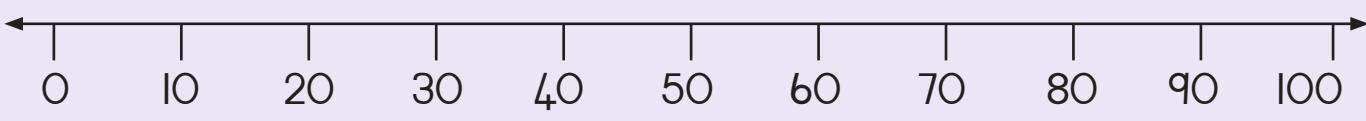
=



d. 40 gabedi

+

=



Feleletša tše di latelago

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"/>



Feleletša tše di latelago

a. Seripagare sa 6	<input type="text"/> 3
b. Seripagare sa 8	<input type="text"/>
c. Seripagare sa 14	<input type="text"/>
d. Seripagare sa 60	<input type="text"/>
e. Seripagare sa 70	<input type="text"/>

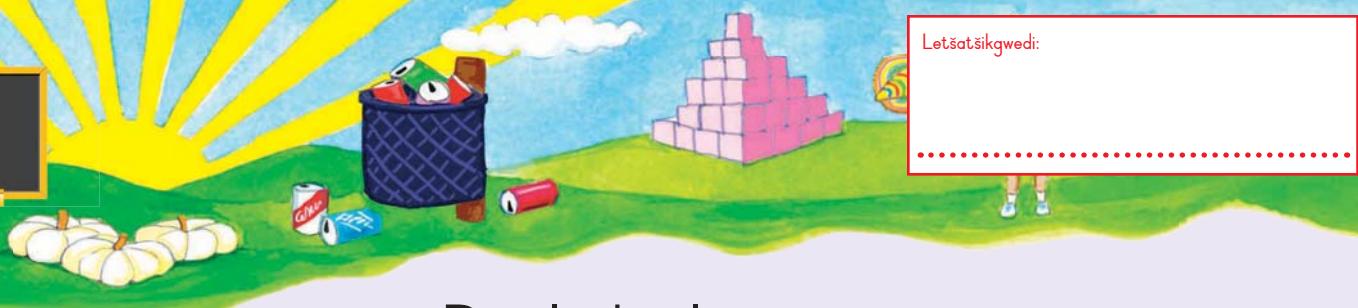


Teacher:
Sign:
Date:

7

Letšatšikgwedī:

Kotara ya |



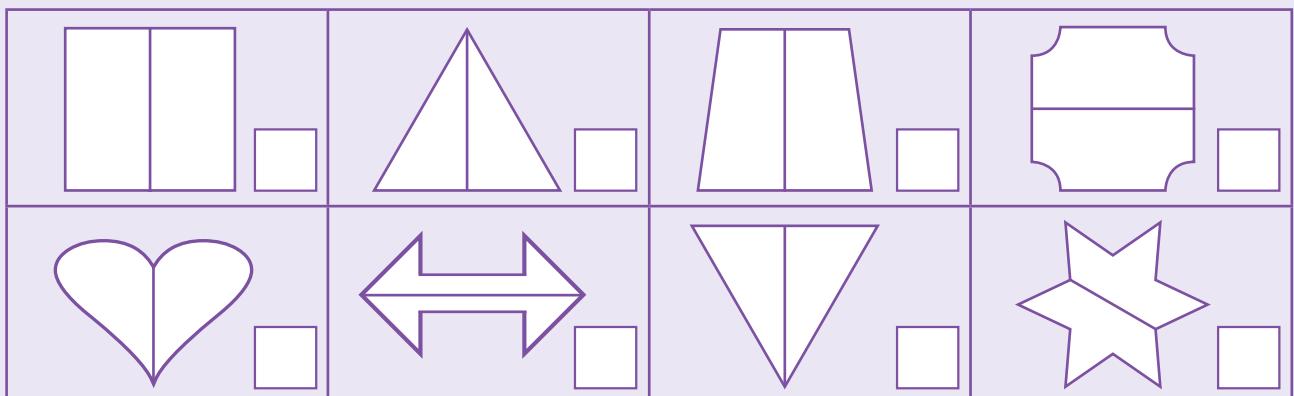
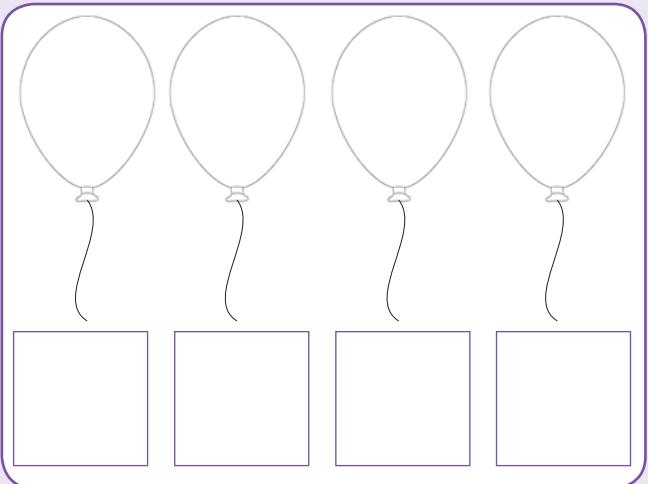
Dipalophatlo

Khalara kotara ya dipalune ka bohubedu, tše dingwe ka botalalerata.

Khalara seripagare sa lepokisi ka bohubedu.

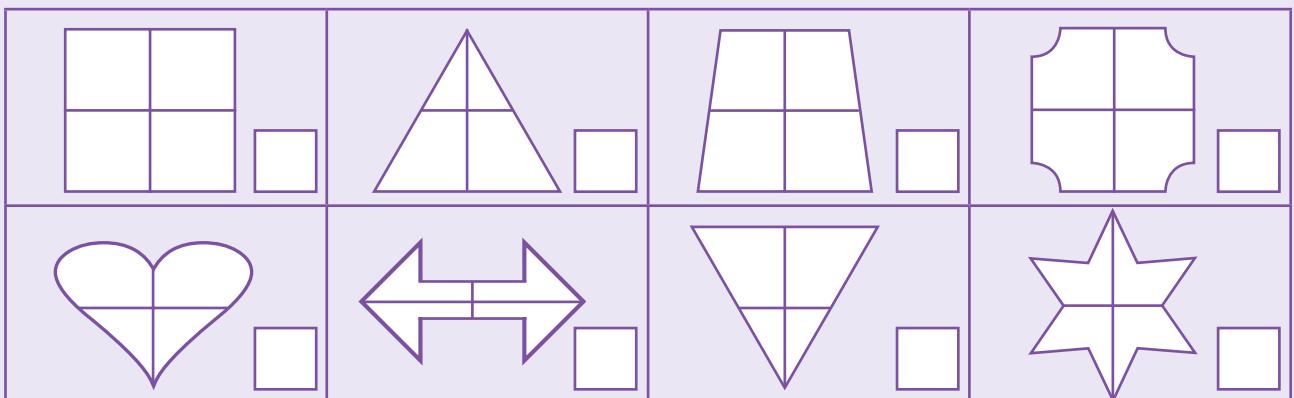


Lebelela seswantšho. Swaya dibopego tše di laetšago diripagare.
Khalara seripagare se tee sa sebopego se sengwe le se sengwe se se arotšwego ka diripagare.



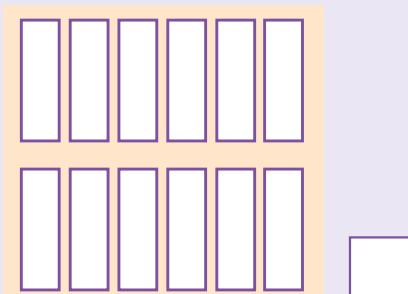
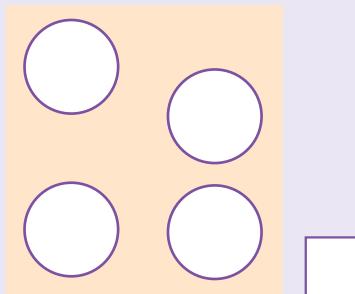
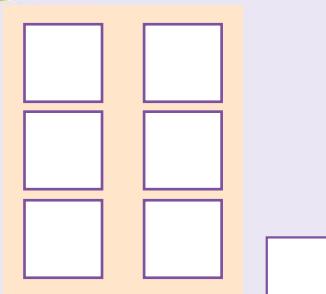
Lebelela dibopego. Swaya dibopego tše di laetšago dikotara.

Khalara kotara e tee ya sebopego se sengwe le se sengwe se se arotšwego ka dikotara.

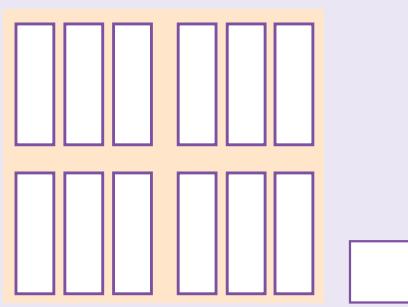
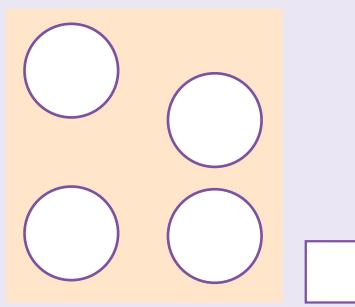
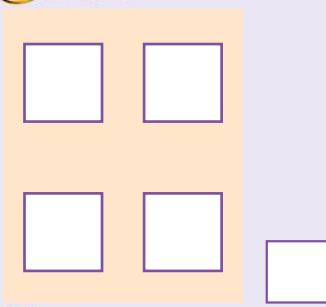




Khalara seripagare sa dibopego. Na seripagare sa palo ya dibopego ke eng?



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



Ngwala karabo ka seka sa palophatlo.

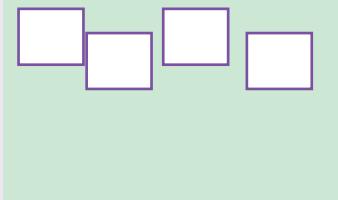
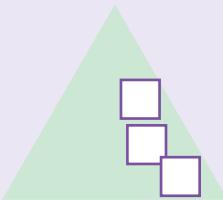
seripagare



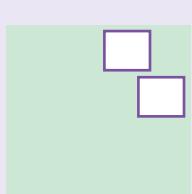
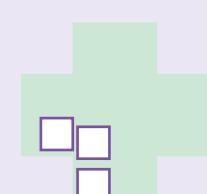
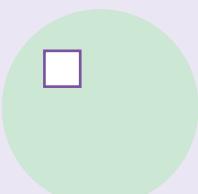
kotara

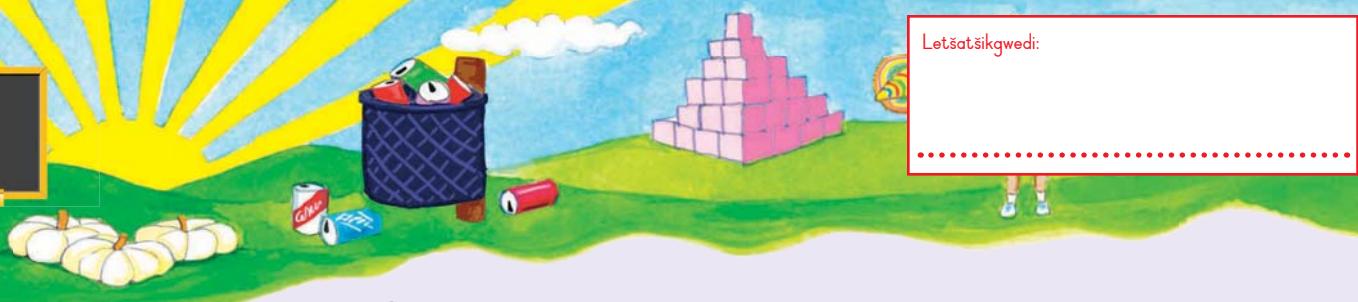


Thala dibopego tše dingwe gape o dire gore diripagare di lekane.



Thala dibopego tše dingwe gape o dire gore dikotara di lekane.





Kotara ya |

**Setokofeleng**

MmaLetsoalo o bala le go hlopha tšhelete ya go tšwa go sehlopha.



Akanya palomoka ya tšhelete. R _____

Bala tšhelete. R _____

Bapetša karabo ya kakanyo le ya palomoka

**Go boloka tšhelete**

Makete o boloka tšhelete ya go reka phere ya dieta tša theko ya R89.

Ga bjale o na le seripagare sa tšhelete.

Na o sa nyaka bokae?

Ngwala lefokopalo go laetša karabo ya gago.





Pankeng

Maria o beakanya tšelete ya pampiri ka mekgobo ya di 5.

"Le yena o sa šaletšwe ke tšelete ye nngwe ya pampiri."

Ngwala palomoka ya seswantšho se sengwe le se sengwe.



Palomoka



R _____



R _____



R _____



Tlhothlo

Leeto la serapeng sa diphoofolo

Batho ba bangwe ba bagolo le bana ba ya serapeng sa diphoofolo.

Ba reka dithekethé tsha R90.

Na ke bana ba bakae? _____

Na ke batho ba bakae ba bagolo? _____

Na go na le karabo ye nngwe?

Batho ba bagolo _____ Bana _____

Serapa sa diphoofolo

Bana	R10
Batho ba bagolo	R20



Teacher: _____
Sign: _____
Date: _____



Letsatšikg wedi:

Kotara ya |



Dipatrone

Šomiša papetla ye ya dinomoro tša 200 go araba dipotšišo.

I	2	3	4	5	6	7	8	9	10
II	I2	I3	I4	I5	I6	I7	I8	I9	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	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
I0I	I02	I03	I04	I05	I06	I07	I08	I09	I10
III	II2	II3	II4	II5	II6	II7	II8	II9	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



Šomiša papetla ya dinomoro go feleletša dinomoro tše nne tše di latelago mo go dipatrone. Ka morago khalara patronē mo papetleng ya dinomoro.

I05, I10, II5, _____	87, 90, 93, _____
36, 40, 44, _____	184, 186, 188, _____
70, 65, 60, _____	138, 135, 132, _____
I80, I76, I72, _____	I4, I2, I0 _____



Ngwala dinomoro tše di latetšego mo go patrone ye nngwe le ye nngwe.
Bjale khalara patrone. O lemoga eng ka dinomoro tše di khalarilwego go swana?

Go bala ka dihlano.

			5			10							

Go bala ka dipedi.

2	4												

Go bala ka ditharo.

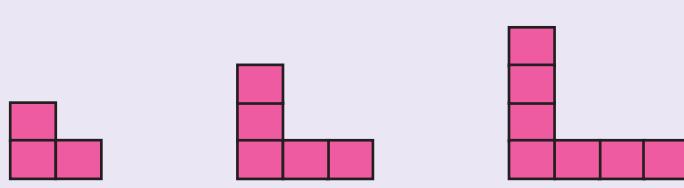
	3		6										

Go bala ka masome.

													10



Godisa patrone.



Teacher:
Sign:
Date:

10



Letšatšikgwedie:

Kotara ya |

Dibolo, mapokisi le disilintere



Dira sediko go mapokisi ka mmala wa botalalerata, dibolo ka mmala wo mohubedu disilintere ka mmala wo motalalerata.



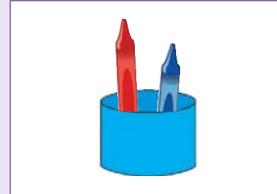
Khalara karabo ya maleba.



Lepokisi

disilaete

dirolo



Silintere

disilaete

dirolo



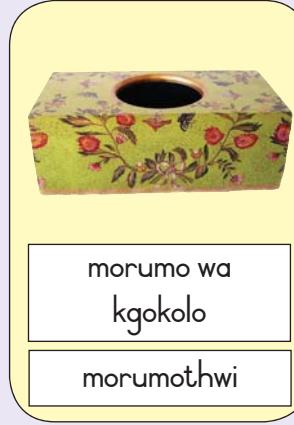
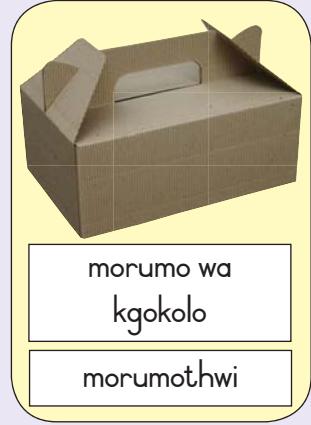
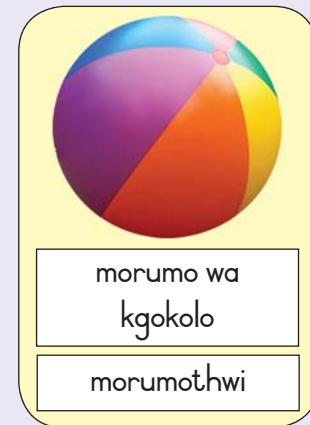
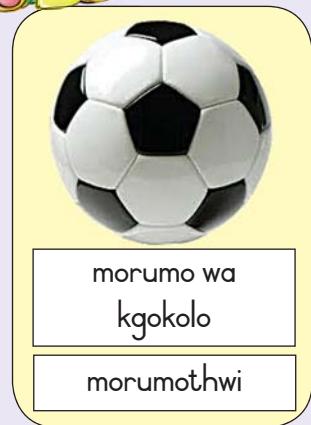
Bolo

disilaete

dirolo



Khalara karabo ya maleba.



Bolela ge eba e ka morago, ka pele ga, kgauswi le goba godimo ga lepokisi.



Teacher:
Sign:
Date:



Thala, rea leina gomme o bapetše
dibopego tša mahlakorepedi

Letšatšikgwedī:

Kotara ya!



Thala dibopego

Khutlotharo

Sediko

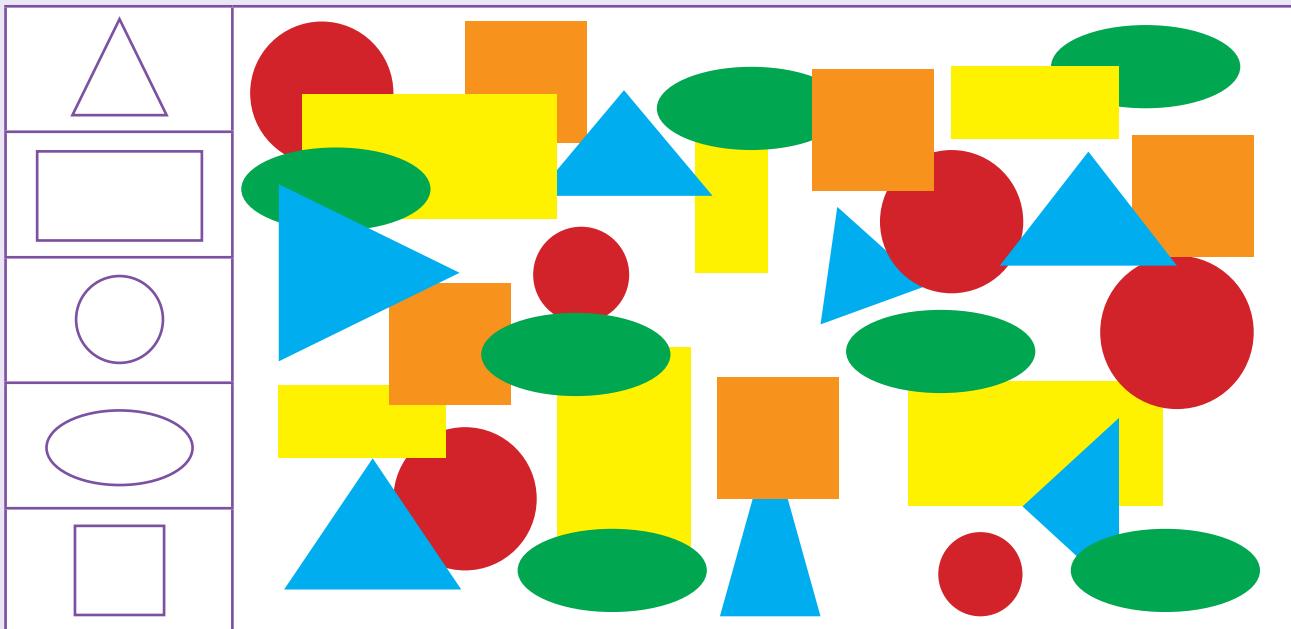
Sekwere

Khutlonnethwi



Go bala dibopego

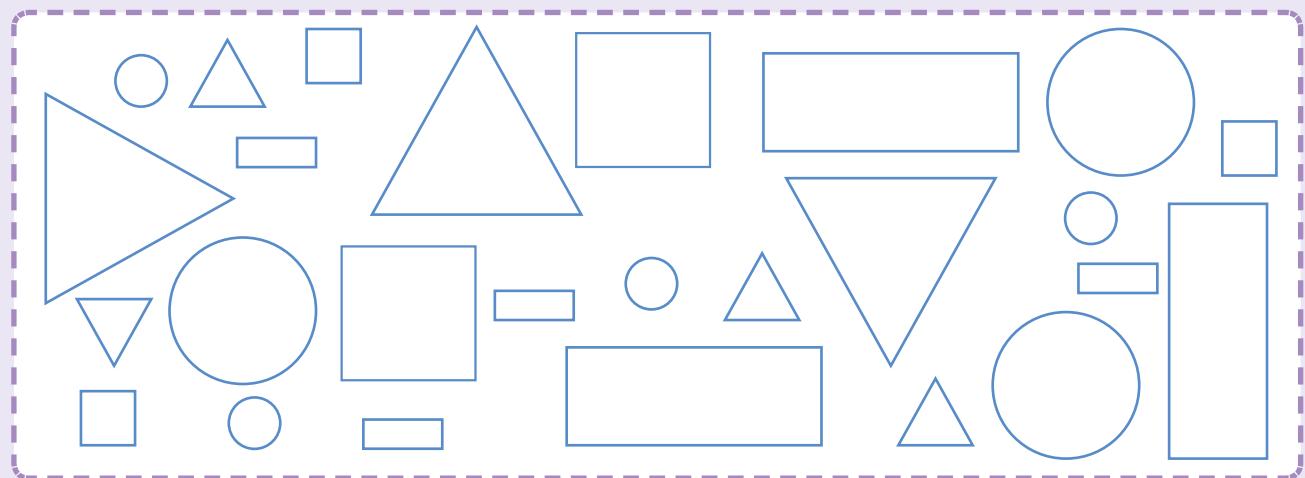
Bala gore ke dibopego tše kae tša mohuta wa ka go la nngele tše o ka di hwetšago mo seswantšhong.





Khalara didiko ka moka tše:

kgolo ka bohubedu, tše nnyane ka botalamorogo;
dikhutlotharo tše kgolo ka botalalerata, dikhutlotharo tše nnyane ka mmala wa namune;
dikwere tše kgolo ka boserolane, dikwere tše nnyane ka phepholo;
dikhutlonnethwi tše nnyane, tsotso, le dikhutlonnethwi tše nnyane, bopinki.



Na ke mahlakore a makae?

Na sebopego se sengwe le se sengwe se na le mahlakore a makae?

Ngwala karabo ka gare ga poloko. Re go diretše ya mathomo.

Na mahlakore ke a thwi goba a nkgokolo? Khalara karabo ya maleba.

3			
thwi	nkgokolo	thwi	nkgokolo
thwi	nkgokolo	thwi	nkgokolo

Teacher: Sign:
Date:

12

Letšatšikgwedie

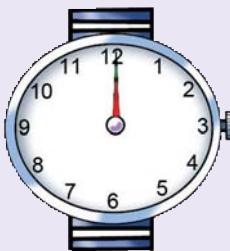
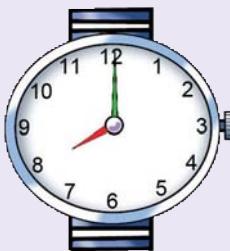


Kotara ya |

Nako e a sepela

**Go bala nako**

Diwatšhe tše di bontšha nako efe?



iri ya _____

iri ya _____

iri ya _____

iri ya _____

**Šupa dinako tše di fapanego mo go tšupanako**

Thuša legotlo Mimi go bala metsotso ka di-5.

Thoma go 12. Eya le dinomoro go dikologa tšupanako ka moka.

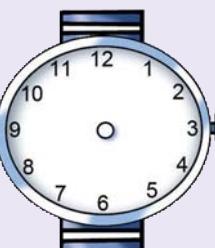


O badile metsotso ye mekae? _____

Go na le metsotso ye mekae ka go iri e 1? _____

**Go ngwala nako**

Thala manakana go laetša dinako.

kotara ka morago ga
iri ya boselela (b)seripagare go tšwa
go iri ya seswai (8)kotara go ya go iri ya
lesometee (II)metsotso ye
lesometharo go tšwa
go iri ya bohlano (5)



Tumišo o ya sekolong.



O tloga ka gae.



O fihla sekolong.

Na Tumišo o tšeа nako ye kaakang? _____



Letšatši la go paka

Maria o paka borotho.



Borotho bo tsena ka
gare ga onto.



Borotho bo
a tšwa.



Borotho bo pakwa metsotso ye _____.



Tlhohlo

Ke bona patronē.

Nako yeo e okeditšwego gabedi.

a. Fetolela diiri go metsotso.

Diiri	1	2	4	8
Metsotso	60			



b. Goro o tšeа metsotso ye 45 go ya sekolong. Tumišo o tšeа nako ye gabedi. Na Tumišo o tšeа diiri tše kae go ya sekolong? _____



Teacher:
Sign:
Date:

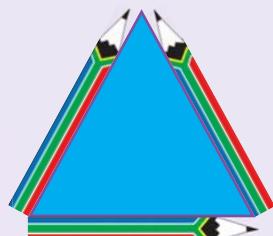
13

Letšatšikgwedī:

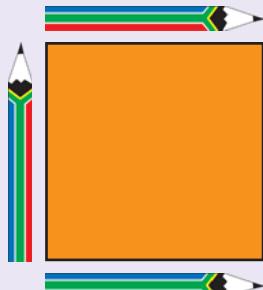


Kotara ya |

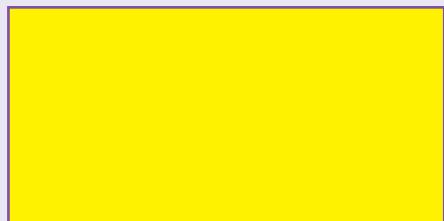
Go meta botelele



Mmogo,
mahlakore ka
moka a khutlotharo
ye, a lekana le
botelele bja
diphensele tše 3.



Mmogo,
mahlakore ka
moka a sekwere
se, a lekana le
botelele bja
diphensele tše 4.



Ga ke tsebe
botelele le bophara
bjā khutlonnethwi.

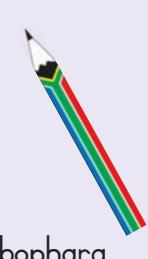
Khutlonnethwi e na le botelele bja diphensele tše kae?



Khutlonnethwi e na le bophara bja diphensele tše kae?



botelele



bophara

O šomišitše bjang diphensele go bala?

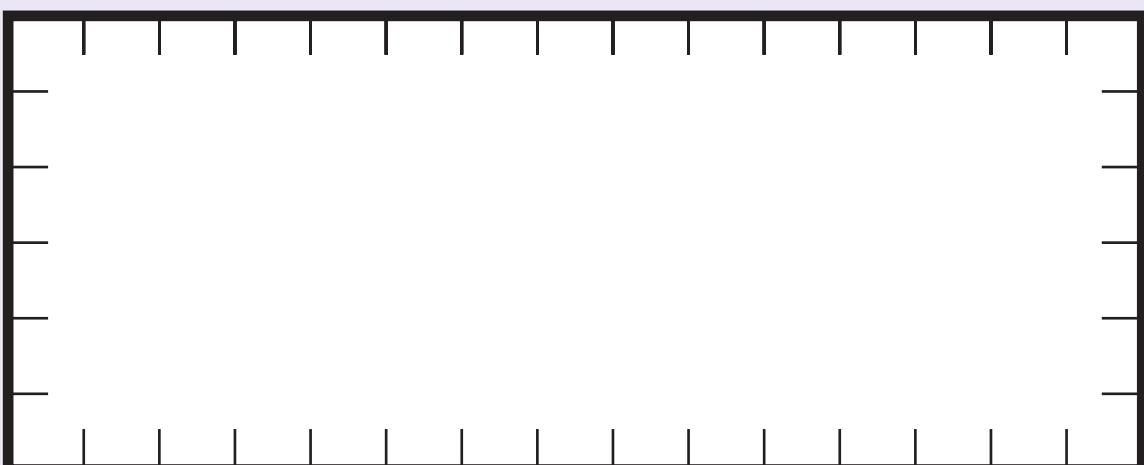


Botelele bja go makatša

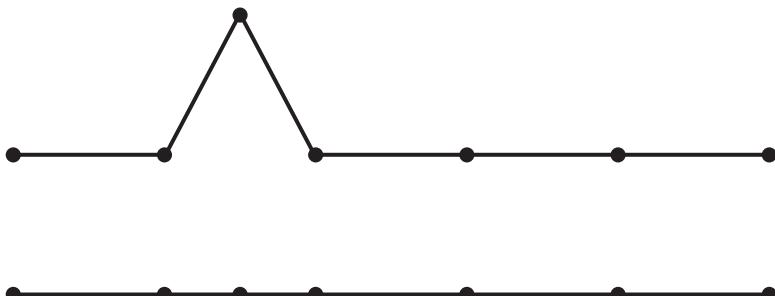
- a. Na o nyaka methalo ye mekae ye mehubedu ya go khupetša mothalo wo moso?



- b. Na o nyaka methalo ye mekae ye mehubedu go dikologa khutlonnethwi?



- c. Na ke efe ye telele: tsela ya ka godimo goba ya ka fase, goba di a swana?



Karabo _____

Lebaka? _____



14

Letšatšikgwedī:

Kotara ya |



Boteng

Ke šetše ke tšetše
dikomiki tše pedi ka
gojeke ya go ela.

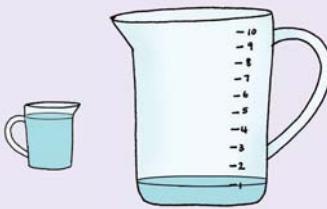
Go sa nyakega dikomiki tše kae tša
meetse gore setšhelo se tlale?



Go na le meetse a dikomiki tše kae ka gare ga setšhelo?

Re sa nyaka dikomiki tše kae tša meetse gore re tlatše setšhelo?

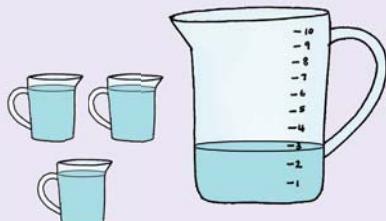
a.



Ka gare ga
setšhelo:

Go nyakega
gape:

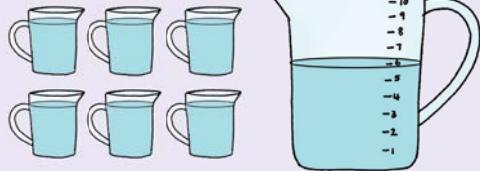
b.



Ka gare ga
setšhelo:

Go nyakega
gape:

c.



Ka gare ga
setšhelo:

Go nyakega
gape:

d.



Ka gare ga
setšhelo:

Go nyakega
gape:

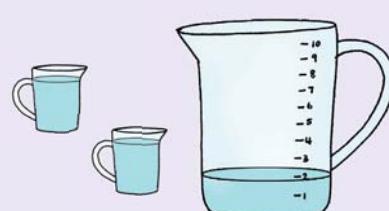
e.



Ka gare ga
setšhelo:

Go nyakega
gape:

f.



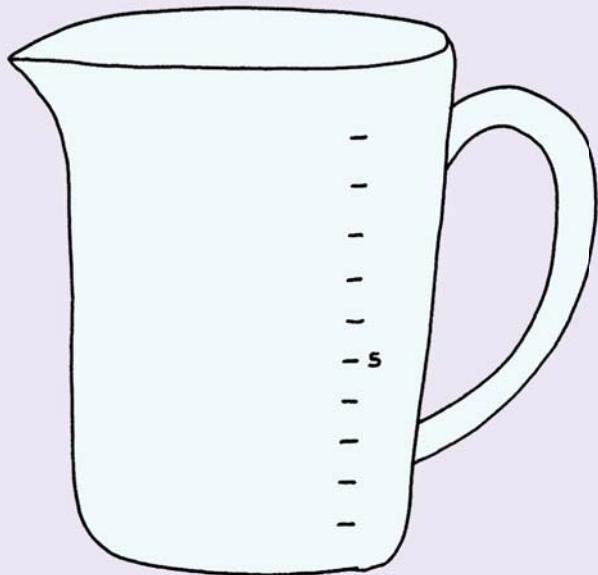
Ka gare ga
setšhelo:

Go nyakega
gape:



Ngwala makga a go khutša jekeng ye ya go ela . Re bontshitše lekga la 5.

Tlatša makga a mangwe a go khutša mo go jeke.

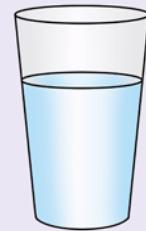


Ge komiki e tee e tlatša jeke go fihla sekeng sa 2, go nyakega dikomiki tše kae go tlatša jeke go fihla go

- 4 _____ ?
- 6 _____ ?
- 8 _____ ?
- 10 _____ ?



Swaya ditshelo tše o naganago gore di na le litara e l ya seela gomme o di mamaretše go tloga go ye nnyane go fet a go fihla ka ye kgolo go feta.



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Date:	<input type="text"/>

15



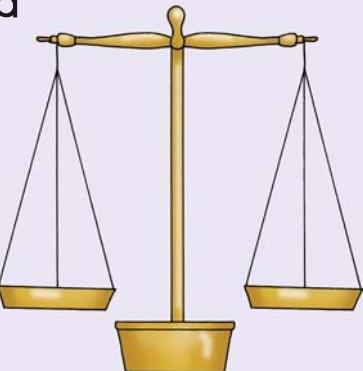
Letšatšikgwedī:

Kotara ya!



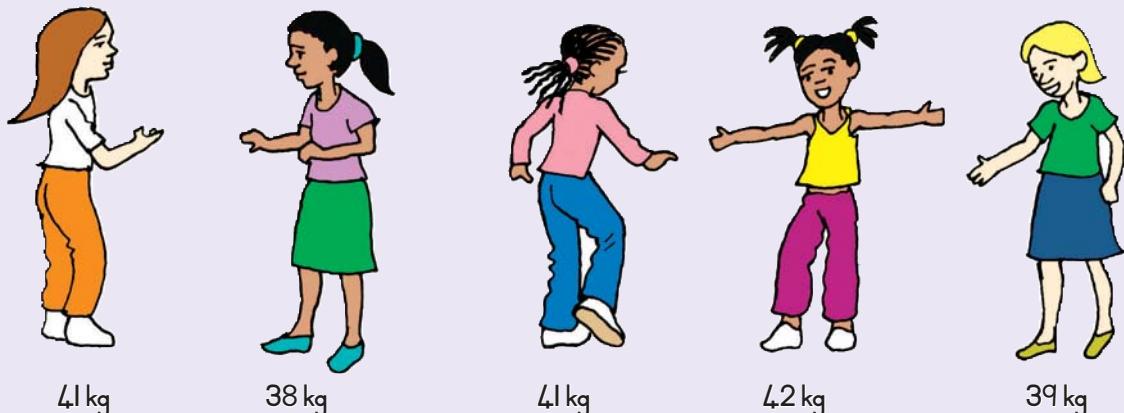
A re ele boima bja rena!

Go hwetša boima bja rena, ge eba re **bofefo** goba re **boima**, re šomiša sekala.



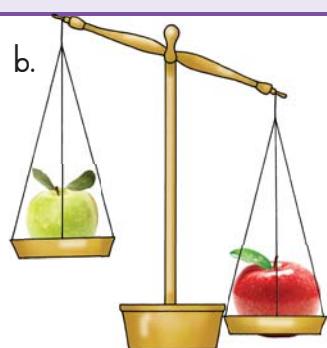
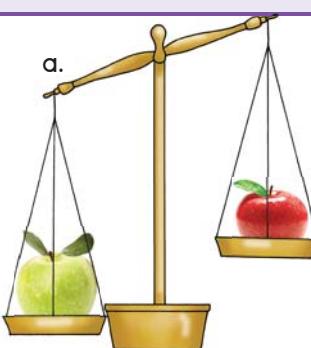
Re elā boima ka **dikilogramo**.

Re šomiša khutsofatšo: kg. Ke mang yo a imelago go feta?



Re šomiša sekala sa go lekanyetša, go elā.

Mo go sekala se, diapola ka bobedi di kala go swana.



Araba dipotšišo. Ngwala a goba b.

Ke mo go sekala sefe mo apola ye talamorogo e imelago go feta apola ye khubedu?

Ke mo go sekala sefe mo apola ye talamorogo e fetwago ke apola ye khubedu ka boima?

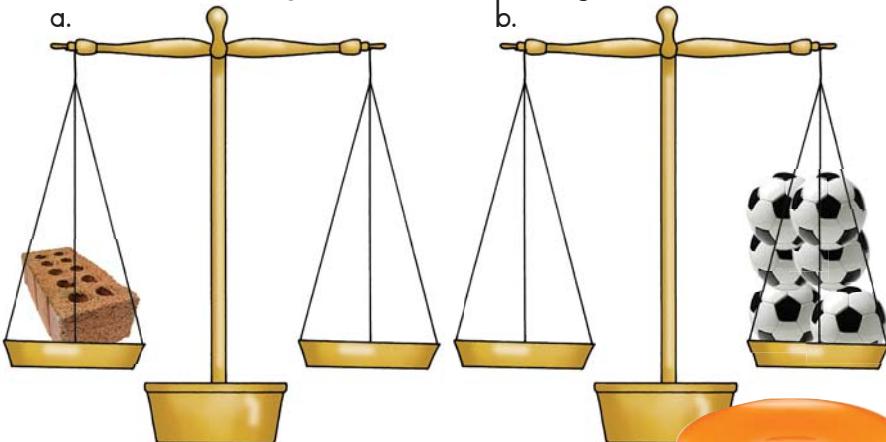


Lekanyetša dikala.

Re go diretše sa mathomo.



Thala go bontšha gore o nyaka ditena goba dibolo tše kae go dira gore dikala tše di lekanyetšwe?



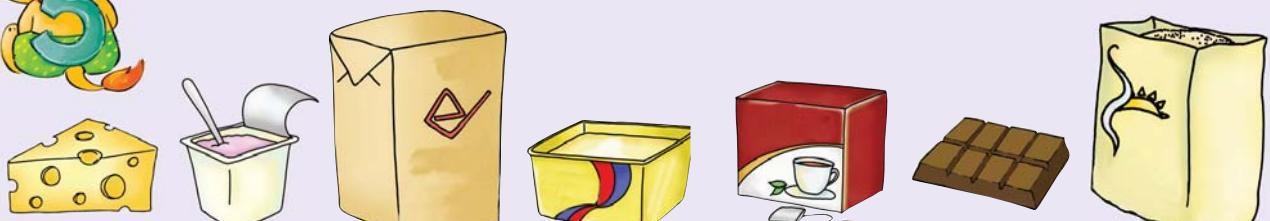
Ge phasela e tee e kala 3 kg, na diphasel a tše 2 le tše 3 di tla kala bokae?



- diphasel a tše 2 _____ kg
 - diphasel a tše 3 _____ kg
 - Na nka kgon a go kala diphasel a tše 4 ka nako e tee mo sekaleng
sa ka moraleng? _____
 - Ka lebaka la eng? _____
-
-



Swaya ka lepokising la dikarabo gore ke dilo dife tše di kalago kilogramo e 1 kg.



Teacher:
Sign:
Date:

16

Letšatšikgwedie:



Kotara ya |



Go šoma ka difiwa

Dieta ka phapošing



Bala kanegelo.

Thabo: Mmalo, Mohumagatšana! Molelo ke yo mogologolo! O apara saese ya 6 ya dieta!

Mdi Maredi: Go bjalo! Ee, Thabo, ke saese ye kgolo kudu go ngwana wa mengwaga ye senyane! Na ke saese efe yeo o e aparago, Thabo? Na phapoši ka moka e apara disease dife? A re nyakišišeng!

Barutwana ba bolela disaese tša bona, ka o tee ka o tee.

Mdi Maredi o ngwala disaese letlapeng.

Mdi Maredi: Balang gomme le ngwale palo ya disaese ka moka 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

Ngwala lenaneo la ka tlase.

Disaese tša dieta tša ka phapošing

Saese ya 1	Saese ya 2	Saese ya 3	Saese ya 4	Saese ya 5	Saese ya 6



Bjale thala seswantšho



= morutwana o tee

Saese ya 1	Saese ya 2	Saese ya 3	Saese ya 4	Saese ya 5	Saese ya 6



Bjale arabang dipotšišo tše.

- Barutwana ba bantši ba apara dieta tša saese ya _____.
- Palo ye nnyane e apara saese ya _____.
- Bana ba _____ ba kgathile tema dinyakišišong.



Na wena?

Nyakišiša gore na wena le bagwera ba gago le apara disaese dife tša dieta!

- Šomang ka dihlopha tša 6 go iša go 8.
- Kgoboketšang difiwa tša lena.
- Ngwalang palo ya disaese tša dieta lenaneong.
- Bapetšang dikarabo le dihlopha tše dingwe.



Teacher: _____
Sign: _____
Date: _____



Bapetša gomme o beakanye dinomoro

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 nomoro efe ye e lego pele ga 84? Ke nomoro efe ye e lego ka morago ga 84?

Ke nomoro efe ye e lego gare ga 88 le 90?

Red circles
Blue circles



Ngwala dinomoro tše di tlogetšwego.

51																			
71																			
																			100

Šomiša papetla ya dinomoro o arabe dipotšišo.

- Ke nomoro efe ye e tlago pele ga 68? _____
- Ke nomoro efe ye e tlago ka morago ga 68? _____
- Ngwala dinomoro tše hlano tše dinnyane go 71. _____, _____, _____, _____, _____
- Ngwala dinomoro tše hlano tše dikgolo go 71. _____, _____, _____, _____, _____
- Ke dinomoro dife tše di lego gare ga 79 le 84? _____
- Ngwala dinomoro go tloga go ye nnyanennyane go fihla go ye kgolokgolo. 73, 52, 50, 59, 61
- Ngwala dinomoro go tloga go ye kgolokgolo go fihla go ye nnyanennyane. 74, 96, 99, 91, 38



Feleletša lenaneo le. Thoma ka nomoro ye e filwego.

	e tee go feta	e tee ka tlase ga	tše lesome go feta	tše lesome ka tlase ga
25				
39				
74				
56				
40				



Dira sediko go nomoro ye kgolo.

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



Ge leswao < le era nnyane go lekana le, gomme leswao > le era kgolo go, feleletša:

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

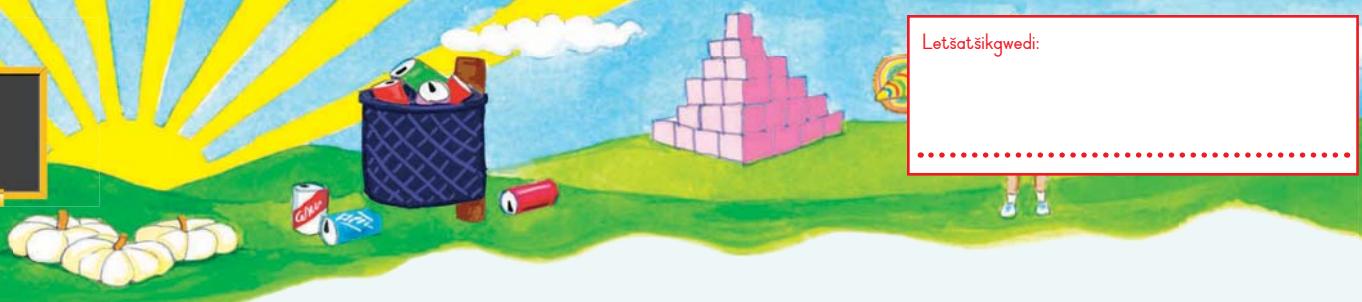
57	<input type="text"/>	98	89	<input type="text"/>	57
----	----------------------	----	----	----------------------	----



Nyaka dinomoro tše 5 mo kuranteng tše di lego gare ga 50 le 99 gomme o di mamaretše mo. Na nomoro ye nngwe le ye nngwe era eng?



Teacher: _____
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Date: _____



Kemapalo ya qq



Go laetša dinomoro o šomiša dilo.

Re ka laetša dinomoro ka dipoloko tša dikemapalo.

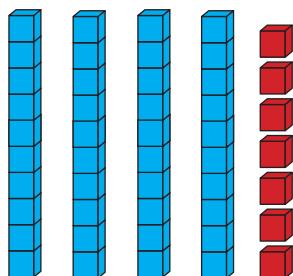
Poloko ye nnyane e emetše I.

Tshipi ya dipoloko tše IO tše nnyane e emetše IO. Ke IO. Ke lesome.

Masome	Metšo
10	1
	2

O ka laetša nomoro ka go
šomiša masome le metšo.

Ye ke tsela ya go laetša **47**.



Masome	Metšo
4	7

masomennešupa
47



Go ngwala dinomoro ka meno le mantšu

a. Ka tlase ga seswantšo, ngwala nomoro ya masome le nomoro ya metšo.

Ngwala nomoro gomme o e ngwale le ka mantšu.

Masome	Metšo	Masome	Metšo	Masome	Metšo
3	1				

31
masometharotee



2 0
6

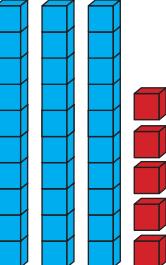
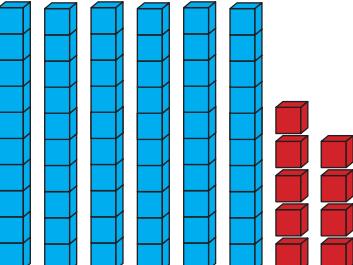
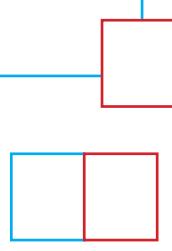
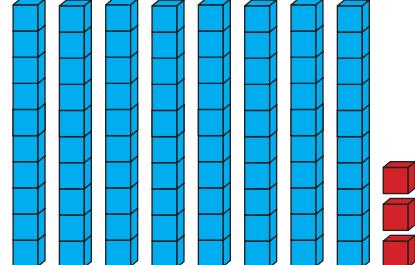
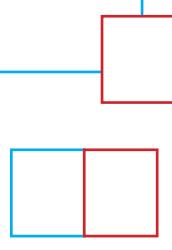
2
6

- b. Re ka kgona gape go šomiša dikarata tša rena
tša dinomoro go e laetša.

Palo	Ke masome a makae?	Metšo ye mekae?	Ngwala dinomoro ka mantšu
26	2	6	masomepeditshela
46			
qq			



Nomoro ke efe?

	<p>3 0 5</p> <p>3 5</p>	<table border="1"> <tr> <td>Masome</td> <td>Metšo</td> </tr> <tr> <td>3</td> <td>5</td> </tr> </table> <p>masometharohlano 35</p>	Masome	Metšo	3	5
Masome	Metšo					
3	5					
		<table border="1"> <tr> <td>Masome</td> <td>Metšo</td> </tr> <tr> <td> </td> <td> </td> </tr> </table> <p>_____</p>	Masome	Metšo		
Masome	Metšo					
		<table border="1"> <tr> <td>Masome</td> <td>Metšo</td> </tr> <tr> <td> </td> <td> </td> </tr> </table> <p>_____</p>	Masome	Metšo		
Masome	Metšo					



Teacher:
Sign:
Date:

Iq

Kotara ya!



Go bala

Letšatšikgwed:

Go bea masome mmogo ge re hlakanya go fihla ka 99

Ye ke tsela e tee ya go laetša 22.			Bjale re na le tsela ye nngwe ya go laetša 22.	
Masome	Metšo		Masome	Metšo
lesome le 1	metšo ye 12		masome 2	metšo 2
1 0	1 0 2		2	2

Re na le lesome le tee
Re na le metšo ye lesomepedi

Re tla bea lesome (10) la metšo ka dihlopha.

A re hlakanye $27 + 4$. Re thoma ka dipoloko tše ditalalerata tše e lego metšo, gomme re tlaleletša ka metšo ye mehubedu

27 ke masome a 2 le metšo 7. Gomme re tlaleletša ka metšo ye 4.	Re na le masome a 2 le metšo ye 11.	Bjale re na le masome a 3 le 1 motšo = 31					
Masome	Metšo		Masome	Metšo		Masome	Metšo
masome a 2	metšo ye 7 + metšo ye 4						
2 0	7 4		2 0 1 0	1		3	1

Re ka laetša metšo ye 10 ye e emelago lesome le tee

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



Ngwala lefokopalo leo le laetšwago ke seswantšho

Masome	Metšo		
$10 + 5 + 6$	$\underline{\quad} + \underline{\quad} + \underline{\quad}$	$\underline{\quad} + \underline{\quad} = \underline{\quad}$	

Feleletša diswantšho. Ngwala mafokopalo ao a laetšwago ke seswantšho.

Masome	Metšo		

Masome	Metšo		



Teacher: _____
Sign: _____
Date: _____



Hlakanya mo go mothlopalo

Kotara ya |

Dula tsesekeng ya gago!

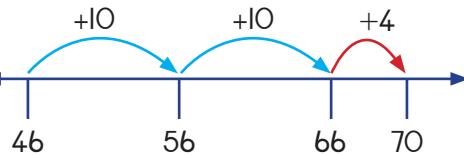
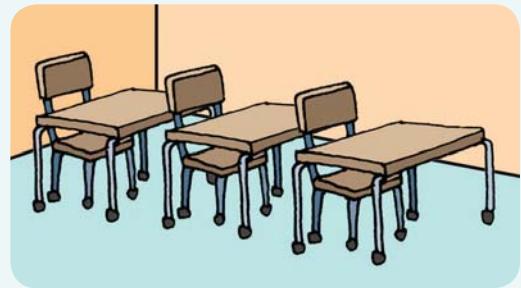
Sekolong sa rena morutwana yo mongwe le yo mongwe o na le teseke ya gagwe.

Go na le barutwana ba 46 ka go Mphato wa 3A le 24 ka go Mphato wa 3B.

Na re nyaka diteseke tše kae tša diphapoši ka bobedi?

Go šoma le mogwera

Lebelela ka fao barutwana ba ba dirišitšego mothlopalo go rarolla bothata. Feleletša dipalo o šomiša mohlala.



Ke swanetše go hlakanya 24 le 46.



Se ke seo ke se dirago: Ke thoma ka go oketša ka 10. Se se mphihliša go 56.

Gomme ka tshela lesome le lengwe gore ke fihle go 66.

La mafelelo, ke tshela 4 gape go fihla go 70.

$$= 46 + 10 + 10 + 4$$

$$= 56 + 10 + 4$$

$$= 66 + 4$$

$$= 70$$

a. $32 + 25 =$

→

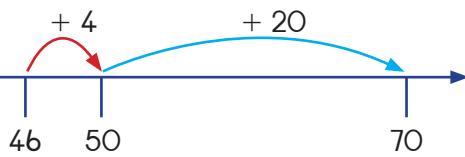


b. $52 + 26 =$

$\leftarrow \qquad \rightarrow$

c. $46 + 25 =$

$\leftarrow \qquad \rightarrow$



Ke swanetše
go hlakanya
24 le 46.



Se ke seo ke se dirago: Sa mathomo ke tla tshela 4. Se se mphihliša go 50.
Nka kgoná go tshela 20 gape, se se mphihliša go 70.

$$= 40 + 10 + 20$$

$$= 50 + 20$$

$$= 70$$

a. $36 + 41 =$

$\leftarrow \qquad \rightarrow$



20b

Letšatšikgwedie:

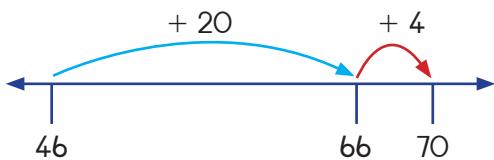


Kotara ya |

Hlakanya mo go mothalopalo (tšwetšopele)

b. $57 + 19 =$

← →



Ke swanetše go
hlakanya 24 le 46.



Se ke seo ke se dirago: Go tloga go 46, nka tshela 20. Se se mphihliša go 66.
Bjale ke swanetše go tshela 4 gape ke fihle go 70.

$$= 46 + 20 + 4$$

$$= 66 + 4$$

$$= 70$$

a. $63 + 24 =$

← →

b. $65 + 29 =$

← →



Na go na le marotho a makae?

Mopaki o romela marotho a matsotho a 54 le marotho a mašweu a 68.

Na ke marotho a makae ka moka?

- a. Hwetša palomoka mo go mothalopalo. Laetša **dinomoro** le **bogolo** bja metabogo.

← 0 → 150



Hlakanya ka ntle le go šomiša mothalopalo.

Šomiša mokgwa wo mongwe le wo mongwe wo o o ratago.

$38 + 24 =$

$58 + 17 =$

$75 + 16 =$

$83 + 29 =$



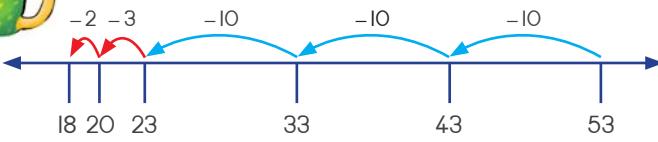
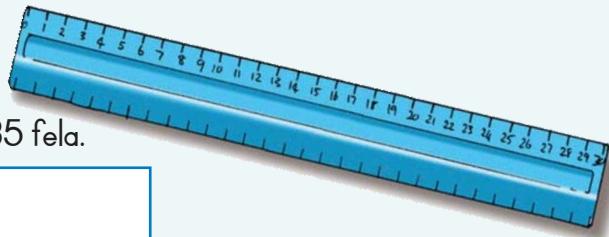


Ntšha mo go mothlopalo

Morutwana o tee! Rula e tee!

Barutwana ba nyaka dirula tše 53. Re na le tše 35 fela.

Na re nyaka tše kae gape? $53 - 35 =$



Ke swanetše go ntšha
35 go 53. Go ntšha go
hlaloša go tšeа.



Ke tla thoma ka 53 gomme ka e tšeа. Ke **tla tšeа** 10, 10, 10 – gomme go tla šala **23**. Bjale go tšeа tše hlano, ke tla thoma ka go tšeа 3, gomme ka tla go **20**. Ke tšeа tše 2 gape. Ke fihla go **18**. Ka fao re nyaka dirula tše **18**.

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

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

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

$$= 23 - 3 - 2$$

$$= 20 - 2$$

$$= 18$$



a. $68 - 24 =$

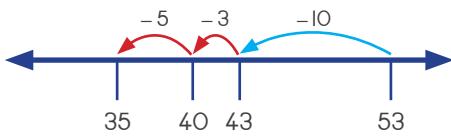
← →

b. $74 - 38 =$

← →

c. $92 - 87 =$

← →



Go ntšha go hlaloša gore re
swanetše go hwetša phapano
magareng ga 53 le 35.



Ke tla thoma go bala ka 53 gomme **ka balela morago** go fihla go 35 go hwetša **phapano**. Ge ke balela morago ka 10, ke hwetša 43. Nka balela morago kudu ka 3 go fihla go 40. Bjale ke fokotša ka 5 gape go fihla go 35. 10 hlakanya le 3 le hlano ke 18. Bjale re nyaka dirula tše **18**.

a. $38 - 14 =$

← →



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Date: _____



Ntšha mo go mothalopalo (tšwetšopele)

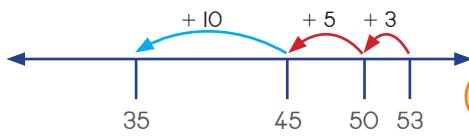
b. $65 - 43 =$



c. $72 - 39 =$



d. $85 - 48 =$



Go ntšha go hlaloša
gore re hwetša phapano
magareng ga 53 le 35.



Nka thoma ka 35 gomme ka lebelela gore nka tshela gakae **go fihla go** 53.
Lesome hlakanya le hlano le tharo ke 18. Re nyaka dirula tše 18 gape.

a. $84 - 32 =$





b. $96 - 53 =$

← →

c. $78 - 19 =$

← →

d. $63 - 47 =$

← →



Go sepela ka thekisi

Leeto la thekisi go ya toropong ke dikilometara tše 65. Gabjale thekisi e sepetše di km tše 38.

Na re ſaletſwe ke bokgole bjo bokaakang?

Šomiša mothalopalo go rarolla lefokopalo le.



← →

km





Ke nako ya moletlo

Peakanyo ya mathomo!

Tumšo o kgopela bagwera ba gagwe ka moka gore ba mo fe diswantšho tša dijo tša bona tša moletlo. Se, ke seo a se kgobokeditšego. Mo thuše go di beakanya.



Bala, gape o bontšhe gore ke bagwera ba bakae bao ba kgethilego mohuta wo mongwe le wo mongwe wa sejo.

Nomoro				



Feletša diswantšho. Šomiša lenaneo la gago gore le go thuše.

Thalela ngwana yo mongwe le yo mongwe yo a kgethago mohuta wo wa dijo, sefahlego.

😊			
😊			
😊			
😊			
😊			
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😊			
😊			
Lemonade	Ice cream cone	Chocolate cupcake	Wrapping paper



Teacher: Sign:
Date:

23

Letšatšikgwedie:

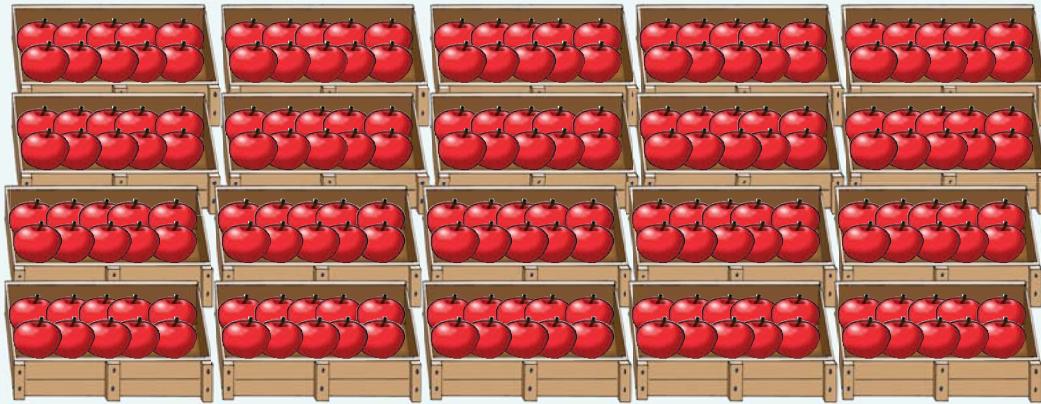


Kotara ya |

Go bala go fihla go 200



O bona diapola tše kae?



Ngwala dinomoro

Lepokisi le I le na le diapola tše . Mothaloo l o na le diapola tše .

Mothalo o l o na le mapokisi a . Methalo ye 4 e na le diapola tše .



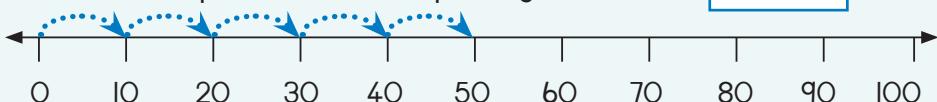
Re ka paka diapola tše kae ka mapokising ao?

- a. 
- b. 
- c. 

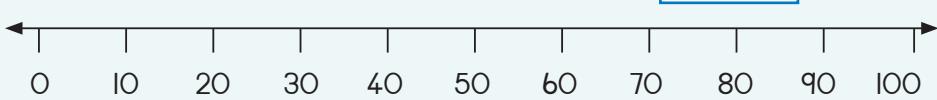


Bala mo mothalopalong.

- a. Go ka ba le diapola tše kae ka mapokising a mahlano?



- b. Go ka ba le diapola tše kae ka mapokising a šupa?





Dihlopha tše 3 tša 10 di dira— 30 $3 \times 10 =$ 30 goba $10 \times 3 =$ 30

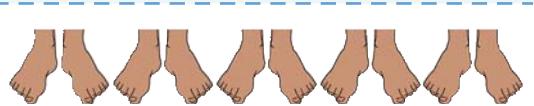
Dihlopha tše 5 tša 10 di dira— _____ \times _____ = _____ goba _____ \times _____ = _____

Dihlopha tše 2 tša 10 di dira— _____ \times _____ = _____ goba _____ \times _____ = _____



Dipara tše 5 tša maoto.

Menwana ke ye mekae ka palo?



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

Dira tše ka wona mokgwa wo.

Diphere tše 4 tša maoto. Menwana ke ye mekae ka palo?

_____ = _____ \times _____ = _____ goba _____ \times _____ = _____

Diphere tše 3 tša maoto. Menwana ke ye mekae ka palo?

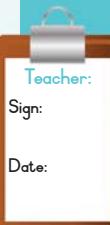
_____ = _____ \times _____ = _____ goba _____ \times _____ = _____



A re baleng

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

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





Ithute ka di-5

Na ke dihlapi tše kae? Akanya



Bjale bala dihlapi. Hwetša palomoka.



Bala ka di-5

Hwetša palomoka ya mae a hlapi. Ngwala mothalopalo wa + le wa X .
Re go diretše ya mathomo.

Dihlapi le mae	Na go na le dihlapi tše kae ka moka?	
Dihlapi tše 5, ye nngwe le ye nngwe e bea mae a 2	$2 + 2 + 2 + 2 + 2 = 10$	$5 \times 2 = 10$
Dihlapi tše 5, ye nngwe le ye nngwe e bea mae a 10		
Dihlapi tše 5, ye nngwe le ye nngwe e bea mae a 4		
Dihlapi tše 5 ye nngwe le ye nngwe e bea mae a 3		
Dihlapi tše 5, ye nngwe le ye nngwe e bea mae a 6		
Dihlapi tše 5, ye nngwe le ye nngwe e bea mae a 8		
Dihlapi tše 5, ye nngwe le ye nngwe e bea mae a 5		



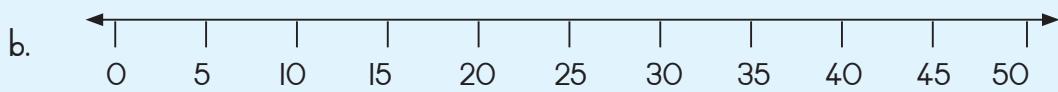
Feleletša mafokopalo le methalopalo



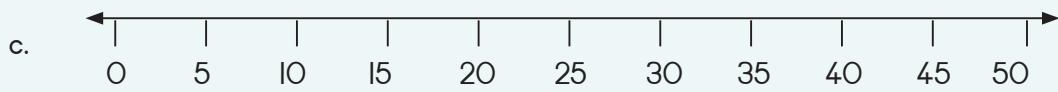
$$5 + 5 + 5 + 5 + 5 + 5 + 5 = \boxed{35} \quad \text{goba} \quad \boxed{7} \times \boxed{5} = \boxed{35}$$



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



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



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



Go thea hlapo

Tšhego o tantše dihlapi tše magareng ga 40 le 50. O di bala ka di-2 gomme a šala ka l. O di bala ka di-5 gomme o šetše ka 2.

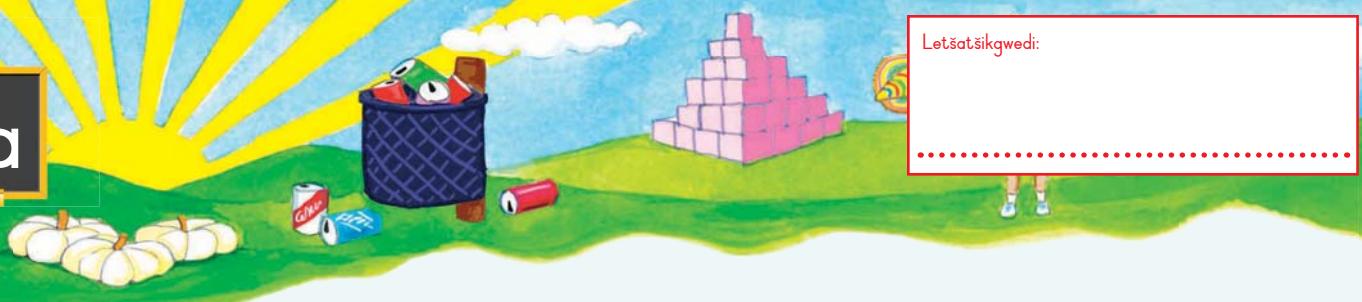
Na Tšhego o tantše dihlapi tše kae?



Teacher:
Sign:

Date:

25a



Letšatšikgwedī:

Kotara ya!



Go bala masokisi

Bala ka di-2



- Na go na le diphere tše kae tša masokisi? _____
- Na go na le masokisi a makae? _____
- Na go na le masokisi a a šetšego? _____



Go bala diphere tša masokisi.

Ngwala palo ya masokisi ao a lego mo, gomme o bolele ge eba a mangwe a šetše.

Masokisi	Palo ya diphere	Palo ya masokisi	Masokisi a a sepelago a le noši a a šetšego



Teacher:
Sign:
Date:

25b



Bala ka di-2 (tšwetšopele)

Go bopa diphere

Ngwala dipalotekanelo le dipalotlhokatekanelo go tloga go I – 60.

- a. Ngwala dipalotekanelo go tloga go I – 60.

2, 4, 6,

- b. Ngwala dipalotlhokatekanelo go tloga go I – 60.

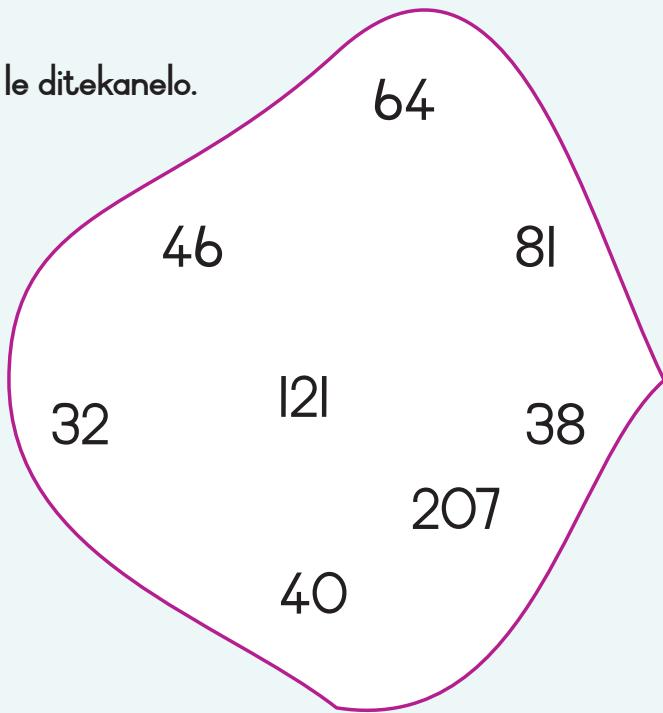
3, 5, 7,



Dipalotlhokatekanelo le ditekanelo.

Thala sediko mo go dipalotekanelo.

Thalo sekwere go dikologa
dipalotlhokatekanelo.





Go tloga go diphère go ya go masokisi.

Mohlala:

Masokisi a 2 = phere 1 

$$2 \times 1 = 2$$

Masokisi a 20 = diphère tše 10

$$2 \times 10 = 20$$

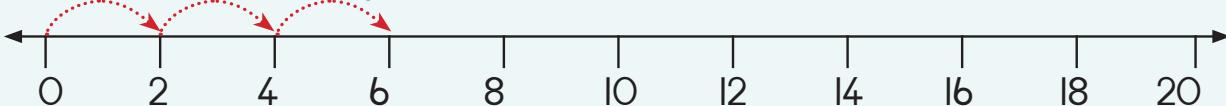
a. Ngwala palo ya masokisi.

Nagana ka di-2	Lefokopalo
phere 1 = masokisi 2	<input type="text"/> 1 \times <input type="text"/> 1 = <input type="text"/> 2
diphère 2 = masokisi _____	<input type="text"/> 2 \times <input type="text"/> 2 = <input type="text"/>
diphère 4 = masokisi _____	
diphère 8 = masokisi _____	
diphère 9 = masokisi _____	

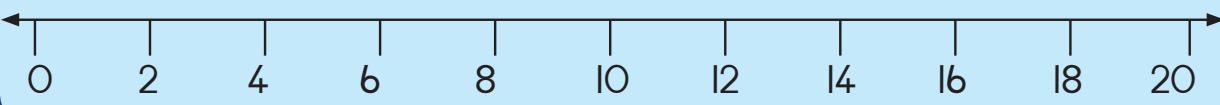
b. Feleletša methalopalo.

Mohlala:

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



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





Tšhelete ya kgale le ya gonabjale



Kanegelo ka ga tšhelete ya rena

Mo Afrika-Borwa re šomiša diranta le disente bjalo ka tšhelete ya rena. Re thomile go šomiša diranta le disente ka 1961.

Matšatšing ao khoine ya sente e 1 e be e le ye nnyane, gwa latela disente tše 2 le disente tše 5.





Bala disente

Bala disente.

Na o na le disente tše kae?

Na go nyakega bokae go dira R1,00?

Di thale ka gare ga poloko.



Na ke disente tše 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



Nka kgona go reka dienywa tše kaakang?



2 theko ke R4,00.

Na o hwetša dipanana tše kae ka R20,00?



2 theko ke R2,00.

Na o hwetša diapola tše kae ka R9,00?



27



Letšatšikgwedī:

Kotara ya |

Bala ka di-3



Maotwana ka di-3



Traesekelē e lē na le maotwana a _____.

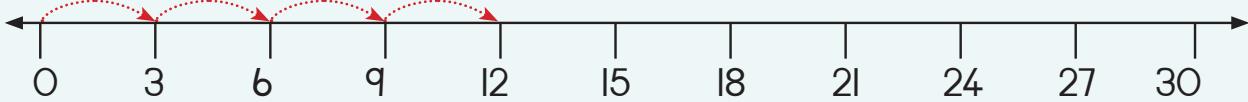


Ditraesekelē tše 5 di na le maotwana a _____.	$3 + 3 + 3 + 3 + 3 = 5 \times 3 =$ _____
Ditraesekelē tše 2 di na le maotwana a _____.	$3 + 3 = 2 \times 3 =$ _____
Ditraesekelē tše 4 di na le maotwana a _____.	
Ditraesekelē tše 6 di na le maotwana a _____.	
Ditraesekelē tše 9 di na le maotwana a _____.	
Ditraesekelē tše 8 di na le maotwana a _____.	

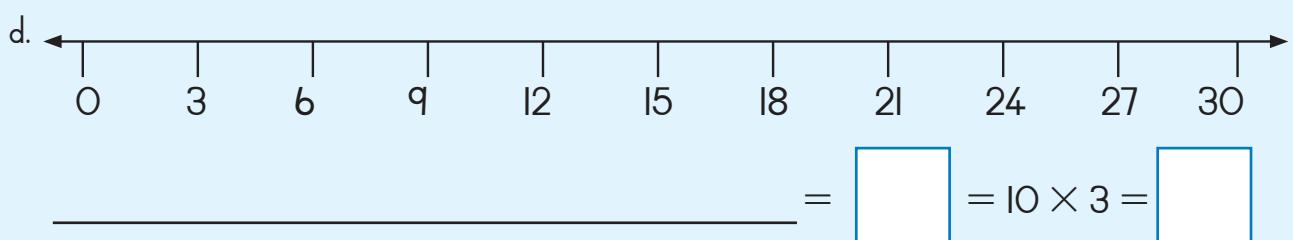
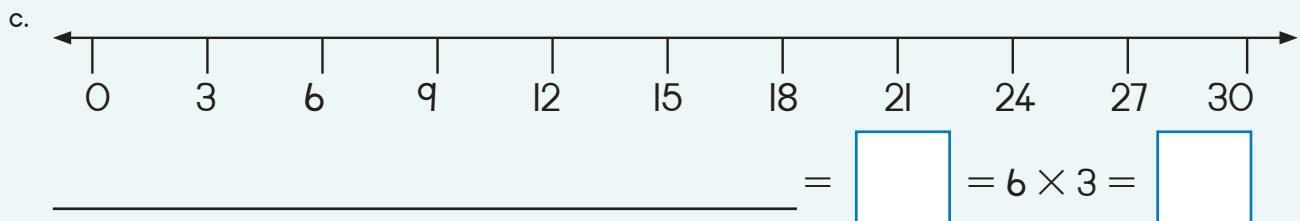
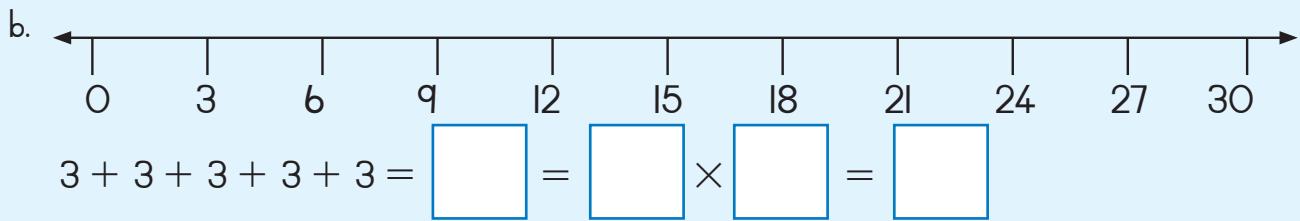


Methalopalo

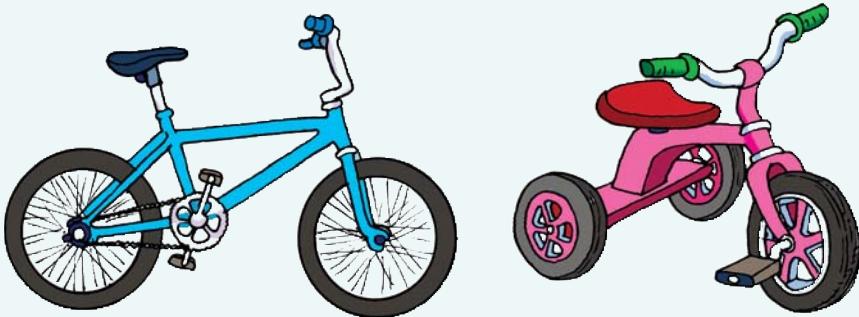
Latela mohlala.



a. $3 + 3 + 3 + 3 =$ $= 4 \times 3 =$



Dipaesekele le ditraesekele



Lebenkeleng la dipaesekele Tumišo o bala maotwana a dipaesekele le a ditraesekele:
Palo ya maotwana ka moka ke 14.

Na go na le dipaesekele tše kae? _____

Na go na le ditraesekele tše kae? _____



Teacher:
Sign:

Date:



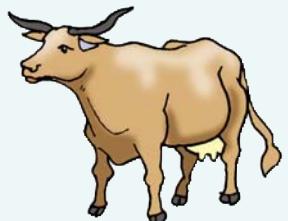
Na ke eng seo se tšwelelagoo ka di-4?



Maotwana a mane

Dikgomo di na le maoto a mane.

Dintlhā tše dingwe tša
nomoro ya 4 ...
 $4 + 4 = 8; 2 \times 4 = 8$



Na ke eng gape seo se tšwelelagoo ka di-4? _____



Go bala maoto

Bontšhanang dikarabo.
Efa tlhalošo ya seo o se
dirilego.

Šomiša tsebo ye o nago le yona ka di-4 gore o arabe dipotšišo tše.

kgomo e 1		maoto a	<input type="text" value="4"/>	dikgomo tše 2		maoto a	<input type="text" value="8"/>
dikgomo tše 3		maoto a	<input type="text"/>	dikgomo tše 4		maoto a	<input type="text"/>
dikgomo tše 5		maoto a	<input type="text"/>	dikgomo tše 6		maoto a	<input type="text"/>
dikgomo tše 7		maoto a	<input type="text"/>	dikgomo tše 8		maoto a	<input type="text"/>
dikgomo tše 9		maoto a	<input type="text"/>	dikgomo tše 10		maoto a	<input type="text"/>



Feleletša lenaneo la ka tlase. Šomiša mohlala go go hlahlala.

Dikgomo tše 3 di na le maoto a ____ .	$4 + 4 + 4 = 3 \times 4 =$ <u>12</u>
Dikgomo tše 5 di na le maoto a ____ .	
Dikgomo tše 4 di na le maoto a ____ .	
Dikgomo tše 7 di na le maoto a ____ .	
Dikgomo tše 8 di na le maoto a ____ .	



Methalopalo

Feleletša lefoko: Bontšha palo ya go atiša mo go mothalopalo gomme o feleletše.

a.

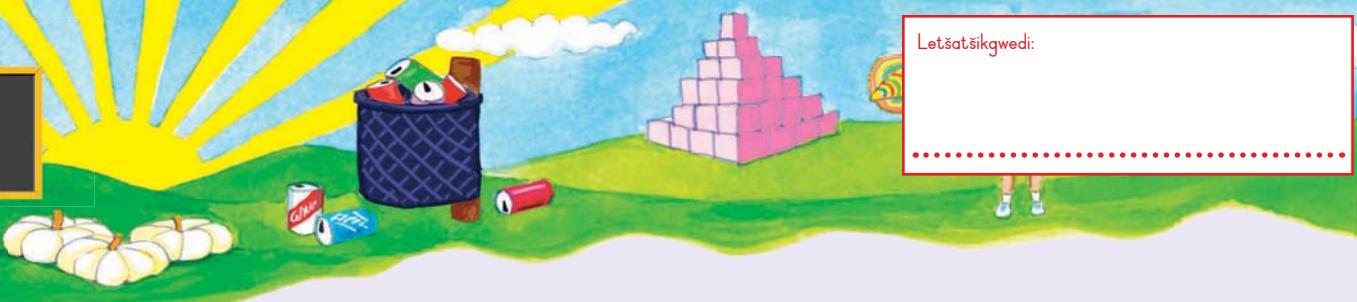
$$\text{_____} = [\square] = 5 \times 4 = [\square]$$

b.

$$\text{_____} = [\square] = 9 \times 4 = [\square]$$



Teacher:
Sign:
Date:



Letšatšikg wedi:



Dipatrone ka dinomoro

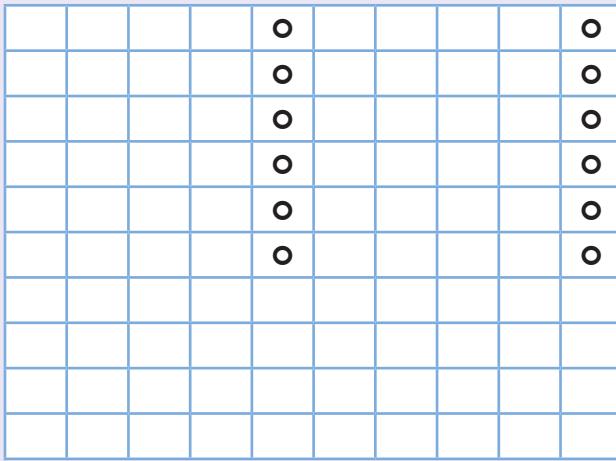
Dipatrone tša kriti

Na ke patronne efe ya nomoro yeo didiko ka go kriti ye nngwe le ye nngwe ya dipoloko tše 100 e e laetšago?

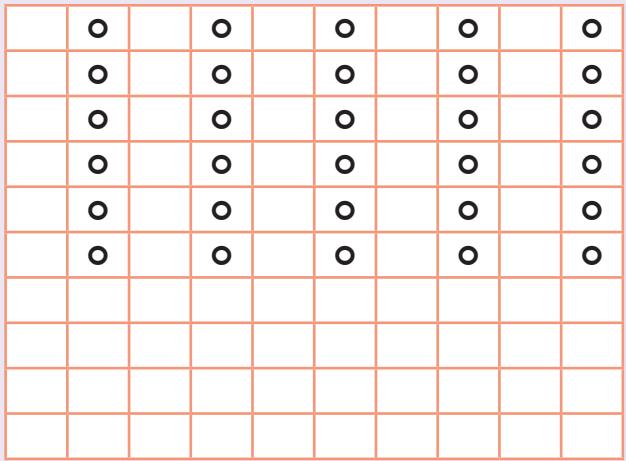
Thala didiko tše dingwe gape go feleletša patronne ye nngwe le ye nngwe.

Ngwala leina la patronne ye nngwe le ye nngwe.

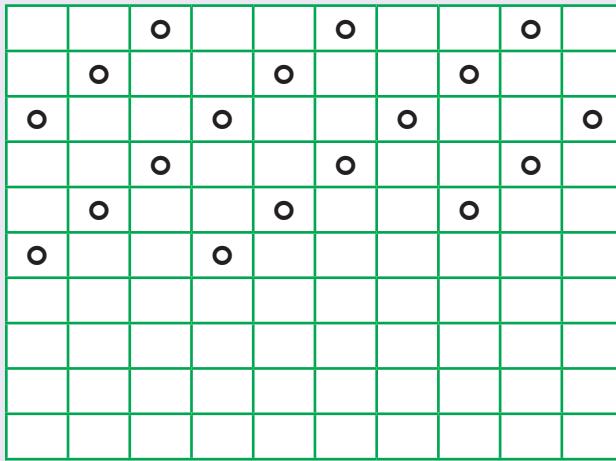
a. Patronne: _____



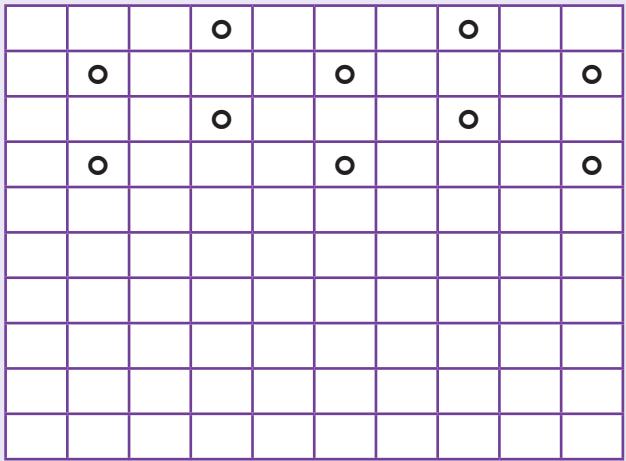
b. Patronne: _____



c. Patronne: _____



d. Patronne: _____



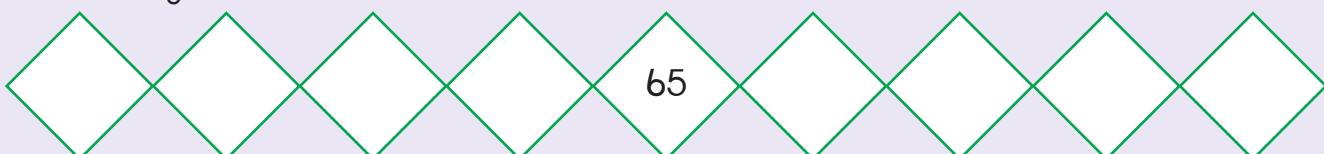


Go itirela patronē ya gago

a. Go patronē ye ya nomoro, dinomoro ka moka ke dipalotekanelo. Na dinomoro tše dingwe ke dife? Di ngwale.



b. Go patronē ye ya dinomoro, dinomoro ka moka ke dipalotlhokatekanelo. Na dinomoro tše dingwe ke dife? Di ngwale.



Na ke tša mo kae?



Patrone ya di-3 le ya di-4

Mohlala: 48

Patrone ya di-3 le ya di-5

Patrone ya di-4 le ya di-5



Lewatle

Molelo o kgoboketša dikgapetla tša dikgopana tša lewatle tša **magareng ga 60 le 70**. O di bala ka di-3. Dinomoro tše di kgonagalago ke: 61, _____, _____, 70,

Ge a di bala ka di-5, o šalelwā ke tše 4.

Dinomoro tše di kgonagalago ke: _____, _____.

Phuki o na le dikgopa tše kae? _____.



Teacher:
Sign:
Date:

30a



Letšatšikgwedī:

Kotara ya |



Abaganya malekere:

Go arola



- a. Abaganya malekere a 30 magareng ga bana ba ba 2.



Re ka e ngwala bjale

$$30 \div 2 = 15$$

- b. Abaganya malekere magareng ga bana ba 3.



$$\div =$$

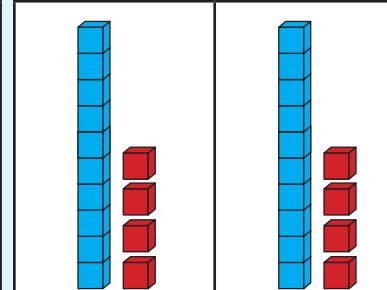
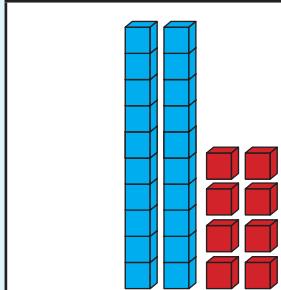
- c. Abaganya malekere a 30 magareng ga bana ba ba 5.



$$\div =$$



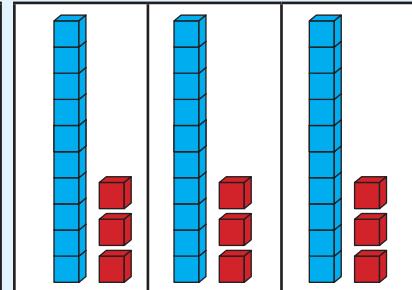
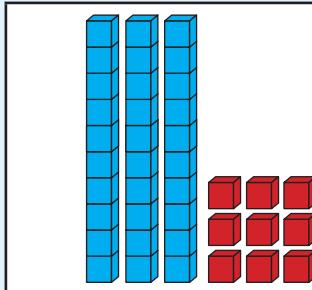
Re ka šomiša dipoloko tša dinomoro go dira karolo.



$$\boxed{2} \ \boxed{8} \quad \div \quad \boxed{2} \quad = \quad \boxed{1} \ \boxed{4}$$

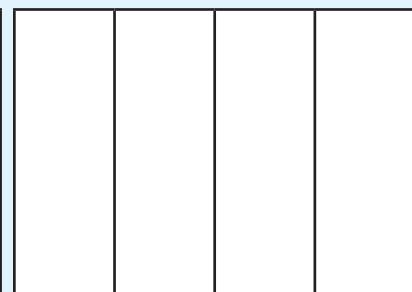
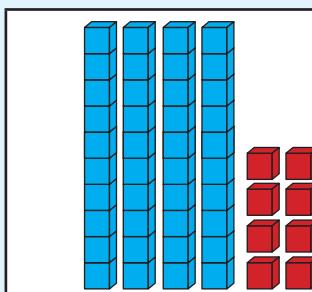
Bjale dira tše:

a.



$$\boxed{} \ \boxed{} \quad \div \quad \boxed{3} \quad = \quad \boxed{} \ \boxed{}$$

b.



$$\boxed{} \ \boxed{} \quad \div \quad \boxed{4} \quad = \quad \boxed{} \ \boxed{}$$



Teacher: _____
Sign: _____
Date: _____

30b

Letšatšikgwezi:



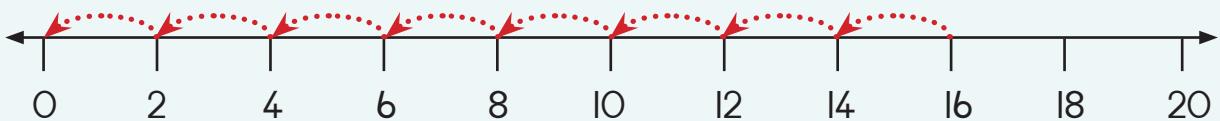
Go arola (tšwetšopele)

Kotara ya |



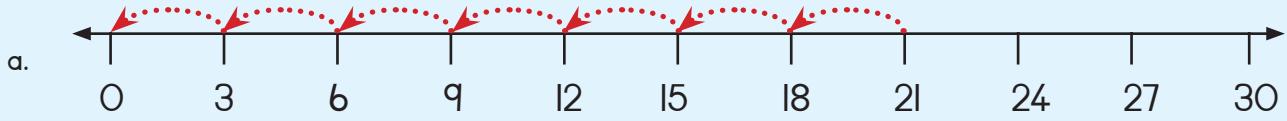
Šomisa methalopalo go ngwala lefokopalo la go ntšha le la go arola.

Mohlala:

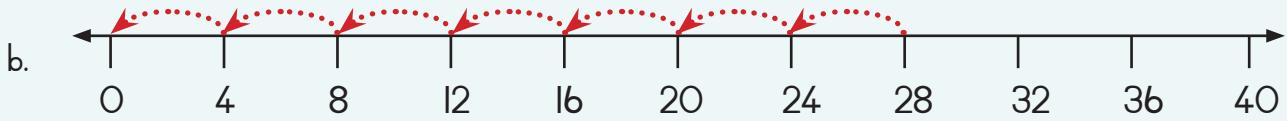


$$16 - 2 - 2 - 2 - 2 - 2 - 2 - 2 = 0$$

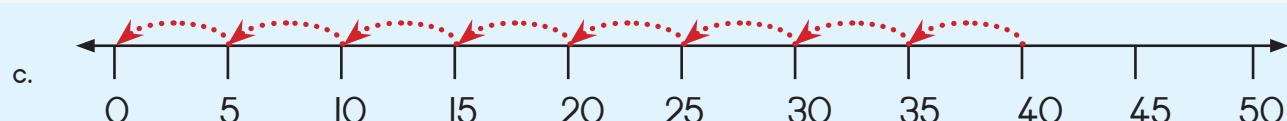
$$16 \div 2 = 8$$



$21 -$	$=$	
$\boxed{}$	\div	$\boxed{} =$



$28 -$	$=$	
$\boxed{}$	\div	$\boxed{} =$



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



Thala mothalopalo gomme o e rarolle.

a. $30 \div 5 =$



b. $22 \div 2 =$



c. $27 \div 3 =$



d. $32 \div 4 =$



e. $25 \div 5 =$



Tlhohlo

Laetša mekgwa ka moka yeo
o ka aroganyago malekere a
24 ka go lekana magareng
ga dihlopha tša bana.

Ngwala lefokopalo go laetša
karabo ya gago.



Teacher:
Sign:
Date:

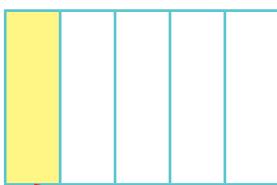


Kotara ya |



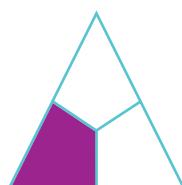
Dipalophatlo

Thala methalo go nyalya dibopego le dipalophatlo.



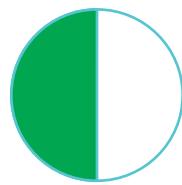
Teetharong

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



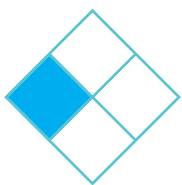
Teetlhanong

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



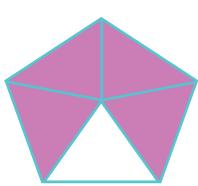
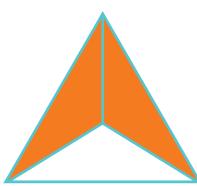
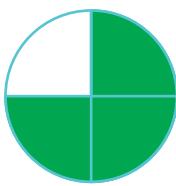
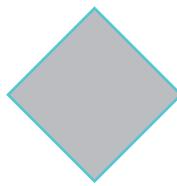
Kotara

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



Seripagare

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



Tharonneng

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

Nnetlhanong

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

Tee

$$1$$

Peditharong

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

Arola gomme o khalare sebopego go laetša palophatlo ye e ngwadilwego:

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

Seripagare

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

Teetharong

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

Kotara

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

Teetlhanong

Laetša palophatlo ka go thala mothalo go dikologa palo ya maleba ya malekere.



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

Seripagare



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

Teetharong



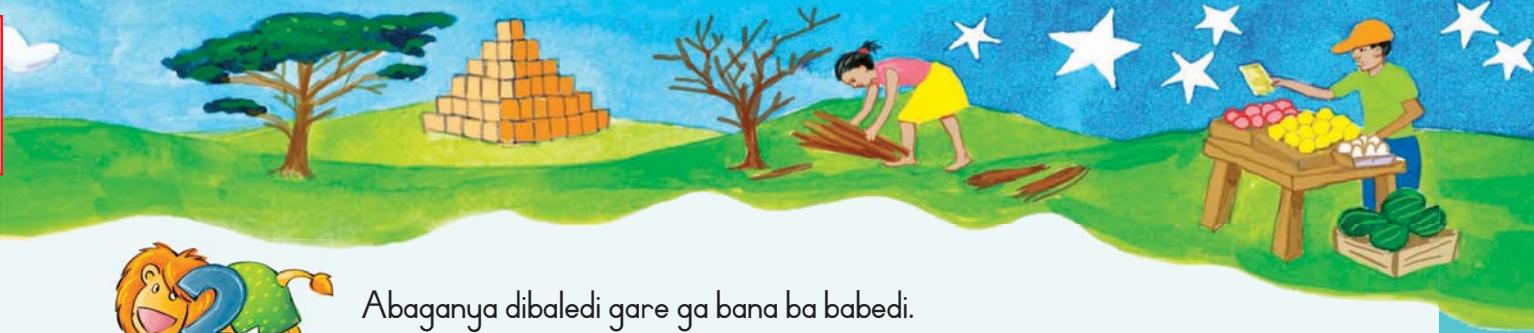
$$\frac{1}{4}$$

Kotara



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

Teetlhanong



Abaganya dibaledi gare ga bana ba babedi.

<ul style="list-style-type: none"> Re hweditše dibaledi tše 2 yo mongwe le yo mongwe. Seripagare sa dibaledi tše 4 	<ul style="list-style-type: none"> Re hweditše dibaledi tše ___ yo mongwe le yo mongwe. ___ ya dibaledi tše ___ ke ___. 	<ul style="list-style-type: none"> Re hweditše dibaledi tše ___ yo mongwe le yo mongwe. ___ ya dibaledi tše ___ ke ___. 	<ul style="list-style-type: none"> Re hweditše dibaledi tše ___ yo mongwe le yo mongwe. ___ ya dibaledi tše ___ ke ___.
$4 \div 2 = 2$	$\underline{\quad} \div \underline{\quad} = \underline{\quad}$	$\underline{\quad} \div \underline{\quad} = \underline{\quad}$	$\underline{\quad} \div \underline{\quad} = \underline{\quad}$



Abaganya malekere magare ga bana.

<table border="1"> <tbody> <tr> <td>Smiley face</td><td>Smiley face</td><td>Smiley face</td><td>Smiley face</td></tr> <tr> <td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Smiley face	Smiley face	Smiley face	Smiley face					<table border="1"> <tbody> <tr> <td>Smiley face</td><td>Smiley face</td><td>Smiley face</td><td> </td></tr> <tr> <td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Smiley face	Smiley face	Smiley face					
Smiley face	Smiley face	Smiley face	Smiley face														
Smiley face	Smiley face	Smiley face															
<ul style="list-style-type: none"> kotara malekere = 3 pedinneng malekere = ___ tharonneng malekere = ___ nnenneng malekere = ___ 	<ul style="list-style-type: none"> teetharong malekere = ___ peditharong malekere = ___ tharotharong malekere = ___ 																



Teacher: _____
Sign: _____
Date: _____



Ka go la mmagoja

Re ka ngwala nako ka tsela tša go fapanā.

2:15 kotara go tšwa go iri ya bobedi	5:30 seripagare go tšwa go iri ya bohlano	9:45 kotara go ya go iri ya lesome

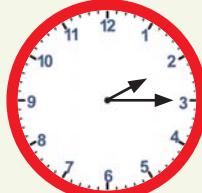
Ngwala dinako tše ka ditsela tša go fapanā.



Go ya gae

Na Maremo o tsea sebaka se sekakang go fihla gae?

Metsotso ye



Diiri tše

Maremo o tloga sekolong.

Ben o fihla gae.



Nako e a fofa

Nako ka bo-2 ...



Ga na le ...

metsotso ye mekae ka go diiri tše 2? _____

diiri tše kae ka go matšatši a 2? _____

matšatši a makae ka go dibeke tše 2? _____

dikgwedi tše kae ka go mengwaga ye 2? _____



Na go na le matšatši a makae?

Moranang 27 ke Letšatši la Tokologo.

Mosegamanye 16 ke Letšatši la Bafsa.

Moranang						
M	L	L	L	M	L	S
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					

Mopitlo						
M	L	L	L	M	L	S
				1	2	3
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		

Mosegamanye						
M	L	L	L	M	L	S
						1
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

- a. Go tloga go Letšatši la Tokologo go fihla go Letšatši la Bafsa go na le dikgwedi tše ditletšego tše _____, le mphelabeke tše di tletšego tše _____ le matšatši a _____.

- b. Na ke dibeke tše kae ka moka? _____
Na go šetše matšatši a makae? _____. Na ke matšatši a makae ka moka? _____.

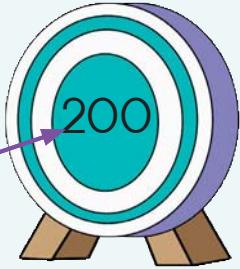
- c. Letšatši la matswalo a Oketšo le tla matšatši a 7 pele ga Letšatši la Tokologo.
Letšatši la Thati la matswalo le tla matšatši a mabedi ka morago ga Letšatši la Bafsa.
Na yo mogolo ke mang? _____
Ka matšatši a makae? _____



33



Letšatšikgwedzi:



Go bala dinomoro

Bala gomme o bolele dinomoro ka moka go tlaga go 101 go fihla go 200. Di šupe o le gare o tšwela pele.



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



Go ngwala dinomoro

- Ngwala nomoro ye e sego gona ka gare ga sekwere se sengwe le se sengwe se setalalerata.
- Ngwala dinomoro ka moka.
- Ngwala dinomoro tše 10 tše di tlago ka morago ga 200.

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



Ngwala dinomoro tše di tlogetšwego

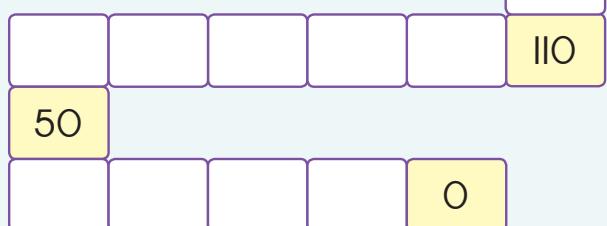


a. 200

180

b. 87

107



167

207

237



Feleletša

$$\begin{array}{r} 200 \\ + \quad 30 \\ \hline \end{array} \quad \begin{array}{r} 200 \\ + \quad 40 \\ \hline \end{array} \quad \begin{array}{r} 200 \\ + \quad 60 \\ \hline \end{array} \quad \begin{array}{r} \quad \quad \quad \\ + \quad \quad \quad \\ \hline \end{array} \quad \begin{array}{r} \quad \quad \quad \\ + \quad \quad \quad \\ \hline \end{array} = 293$$

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

Ngwala dinomoro ka tatelano ya go tloga go tše nnyane go fihla go tše kgolo.



Go bala go tloga go 100

Hwetša gore go nyakega nomoro efe gore o fihle go nomoro ye e latelago.

Thoma



Fetša



Teacher:

Sign:

Date:



Go šoma ka dihlopha tša dinomoro



Go paka dikerese

MmaMotau o šoma femeng ya dikerese.

Ge dikerese di lokile, o di paka ka tsela ye ka gare ga mapokisi mo dišelofong.



Na go na le dikerese tše kae ka gare ga le pokisi le lengwe le lengwe? _____

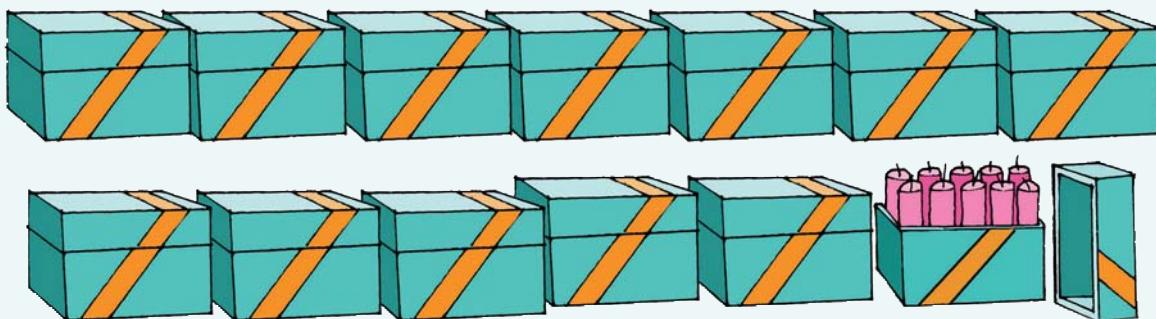
Na go na le mapokisi a makae godimo ga šelofo ye nngwe le ye nngwe? _____

Na go na le dikerese tše kae godimo ga šelofo ye nngwe le ye nngwe? _____



Mapokisi a dikerese

MmaMotau o tswalela mapokisi.



- a. Bala mapokisi ka moka.

Na ke mapokisi makae? _____

Na ke dikerese tše kae ge di kopane? _____

Na go sa nyakega mapokisi a makae gore dikerese di be 200? _____

- b. Na go na le dikerese tše kae ka gare ga:

Mapokisi a 2? _____	Mapokisi a 4? _____
Mapokisi a 5? _____	Mapokisi a 3? _____
Mapokisi a 6? _____	Mapokisi a 7? _____

- c. Na o sa nyaka mapokisi a makae go tsenya dikerese tše...?

40 ? _____ mapokisi	70 ? _____ mapokisi
50 ? _____ mapokisi	30 ? _____ mapokisi



35a

Letšatšikgwedī:



Kotara ya 2

Go bea masome mmogo le go a aroganya



Go bea masome mmogo ge re hlakanya go fihla go qqq

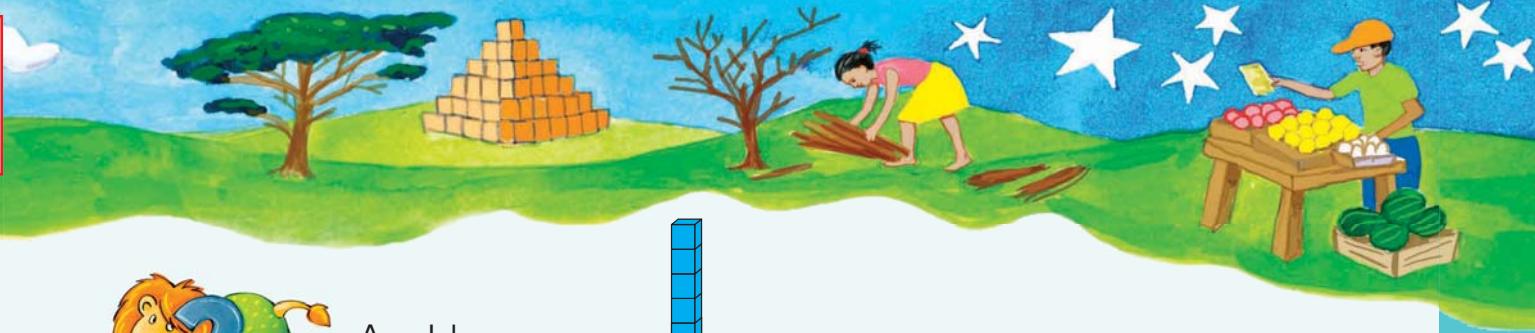
A re hlakanye $56 + 73 =$		+	
	masome a 5 le metšo ye 6		masome a 7 le metšo ye 3

bo 100	bo 10	bo 1

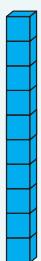
Ge re di kopanya ka bobedi re hwetša masome a 12.

Re ka bea masome a 10 mmogo go dira lekgolo le I.

--	--	--



A re lekeng.



$$= \square \text{ le} \quad \blacksquare = \circ$$

Mohlala: $82 + 34$



$$100 + 20 + 6 = 126$$

a. $65 + 52$

b. $76 + 63$

c. $86 + 65$



35b



Go bea masome mmogo le go a aroganya (tšwetšopele)

Šomiša mapokisana a gago a kemapalo.

Šomiša dipoloko tša kemapalo go dira dipalo tše pedi tše.	Na ka moka ke masome a mekae? ke metšo ye mekae?	Na o hlophile ka masome goba ka metšo? Lekola kemapalo yeo o e hlophilego gape.	Ngwala karabo.
23 + 99 =	_____ masome _____ metšo	II masome + I2 metšo = II0 + I2	122
38 + 25 =	_____ masome _____ metšo		
77 + 31 =	_____ masome _____ metšo		
68 + 45 =	_____ masome _____ metšo		
83 + 47 =	_____ masome _____ metšo		



Go aroganya masome ge re ntšha

Ge re ntšha, ka nako tše dingwe re swanetše go laetša lesome le tee bjalo ka di -I tše lesome, goba lekgolo le tee bjalo ka masome a 10.

A re ntšheng: **60 – 55 =**

Re thoma ka di -10 tše tshelelago gomme ga go na metšo. Re nyaka go ntšha di -10 tše hlano le metšo ye mehlano. (Tše re di ntšhago re di khalaria ka mmala wo mopududu)

Re ka kgoni go laetša di -10 tše tshelelago ka tsela ye.	Goba e bedi -10 tše hlano le metšo ye lesome.	Ntšha di -10 tše hlano le metšo ye mehlano. Go šala metšo ye mehlano.	60 – 55 = 5



A re lekeng.

a. $70 - 28$

7 masome	6 masome le 10 metšo	$70 - 28 =$	

b. $90 - 46$

c. $80 - 53$



Go hwetša phere ya dinomoro.

a.

200	
30	

b.

200	
70	

c.

200	
	105

d.

200	
85	

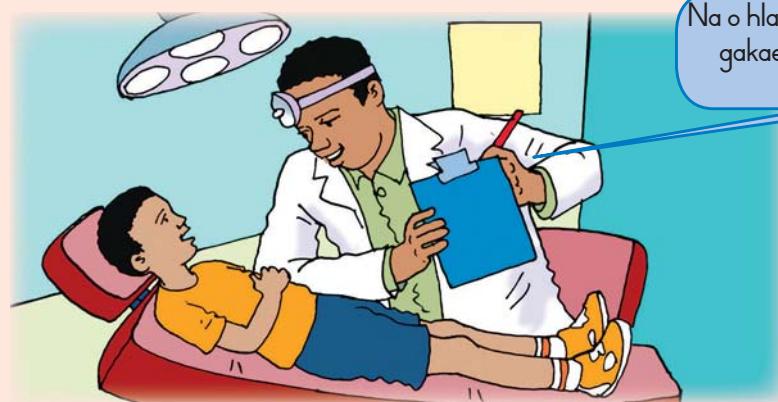


Teacher:
Sign:
Date:



Go etela ngaka ya meno

Sehlopha sa bana se etela ngaka ya meno.



Na o hlapa meno a gago
gakae ka letšatši?

Se ke seo bana ba mmotšago sona.  = ga l

	✓	✓	✓	✓	✓	✓	✓	✓	✓				
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓								

a. Bala maswao (✓) ao a laetšago gore bana ba hlapa meno gakae. Ngwala gore gakae.

 Gatee ka letšatši	
 Gabedi ka letšatši	
 Gararo ka letšatši	

b. O kgona go bona eng mo tafoleng?

Bontši bja bana bo hlapa meno ga _____ ka letšatši.

Go na le bana ba _____ ka gare ga sehlopha.



Thala seswantšho sa go laetša gore bana ba hlapa meno a bona gakae ka letšatši.

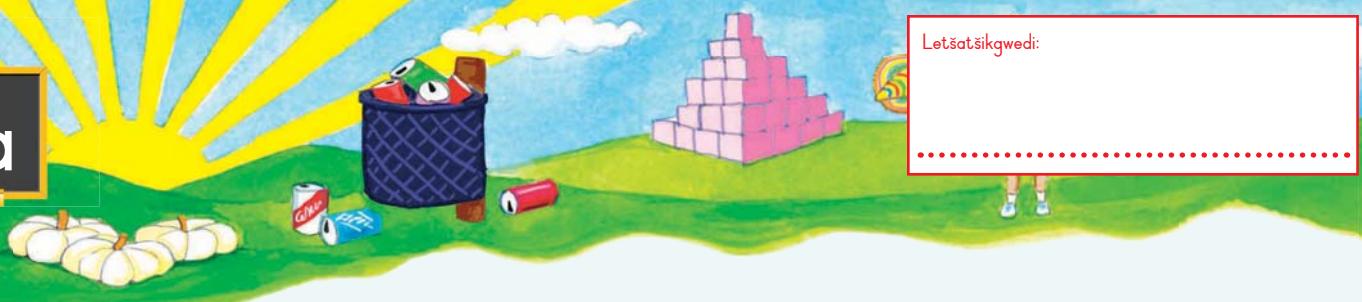


Dira dinyakišišo ka phapošing ya lena. Botšiša barutwana ba 15 – 20.

- Ba hlapa meno gakae ka letšatši? _____
- Thala seswantšho sa go swana le sa ka godimo go laetša seo o se lemogilego.



37a



Letšatšikgwedī:

Kotara ya 2

Hlakanya o be o ntšhe



Ngwala dipalo tša gago

Tumi o kgona go hlakanya dinomoro tša metšo le tša masome le go di hlopha ka lefsa. O kgona go hlakanya le go ntšha godimo ga letlakala, ntle le go diriša mapokisana. Ka nako o rata go thoma ka dikarata tša gagwe tša dinomoro go laetša dinomoro.

Go palo ya $56 + 73$, o hwetša dikarata tše:

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

O hlakanya metšo a bea karata ya di-q fase.

O tseba gore: $50 + 70 = 120$.

O tšeа karata ya **di-100**, le ya di-20 le ya di-q
go bopa palo ya mahlakoretharo



O e ngwala ka tsela ye:

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

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

Phuki o tseba ka mo dipoloko
di šomago:

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



Ackar o rata go feleletša.

Ye o e dira ka tsela ye:

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





Bjale leka ka bowena. Dira ye nngwe le ye nngwe ka ditsela tše pedi.

a. $86 + 62$

Mokgwa wa Tumi

$$80 + 60 + 6 + 2$$



Mokgwa wa Phuki

$$80 + 6 + 60 + 2$$



b. $72 + 63$

c. $81 + 57$

d. $69 + 71$

Šomiša mokgwa wa Ackar o dire ye.



Teacher: _____
Sign: _____
Date: _____

37b



Letšatšikgwedie:

Kotara ya 2



Hlakanya o be o ntšhe (tšwetšopele)

Bjale a re ntšhe.



a. $87 - 53$

Mokgwa wa Tumi

$$80 - 50 + 7 - 3$$

$$= 30 + 4$$

$$= 34$$

Mokgwa wa Phuki

$$80 + 7 - 50 + 3$$

$$\cancel{= 30} + 4$$

$$= 34$$



b. $95 - 73$

c. $86 - 62$

d. $85 - 69$



E rarolle!

Go na le mekgwa ye mentši ya go hlakanya **metšo** le **masome**. Kgetha mokgwa wo o o tsebago gomme o o rata go feta go rarolla dipalo tše. Bontšha mošomo wa gago.

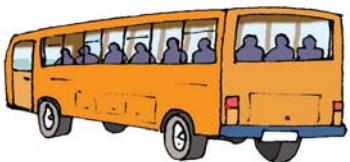
- a. Rati o fula diperekisi tše 34 gomme ka morago a fula tše 67.
Ke diperekisi tše kae ge di hlakana?



- b. Bana ba Makakase ba boloka R47 mmogo.
Mmagobona o ba fa gape R58. Na bjale ba na le bokae?



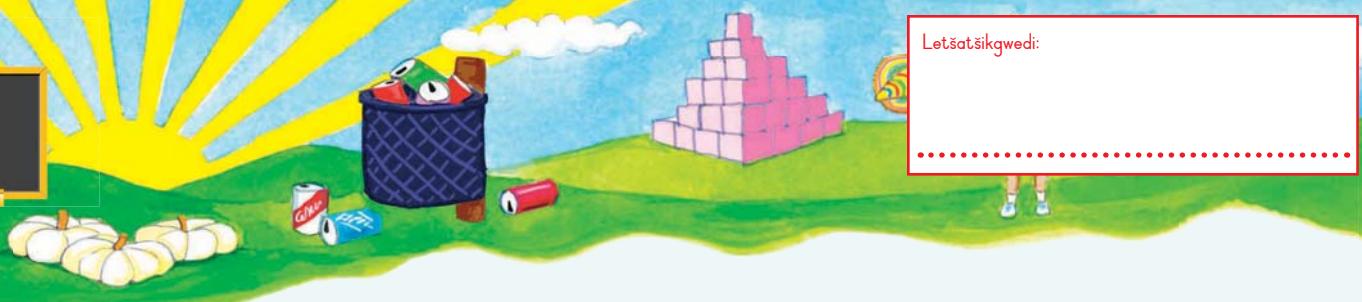
- c. Pese ya sekolo e tšeа leeto la 88 km mo mesong le 73 km ka meriti.
Ke dikolometara tše kae ge di hlakana?



Teacher:
Sign:
Date:

38

Kotara ya 2



Letšatšikgwe:

E rarolle!



Dikhurumelo tša mabotlelo

O ka šomiša mokgwa wo o o ratago. Laetša mošomo wa gago.



Mogoroši



Reabetšwe

Mogoroši o bala dikhurumelo tša mabotlelo tše 87. Reabetšwe o bala tše 38.

Na Mogoroši o bala dikhurumelo tše kae tša mabotlelo go feta Reabetšwe?



Khonsata ya sekolo

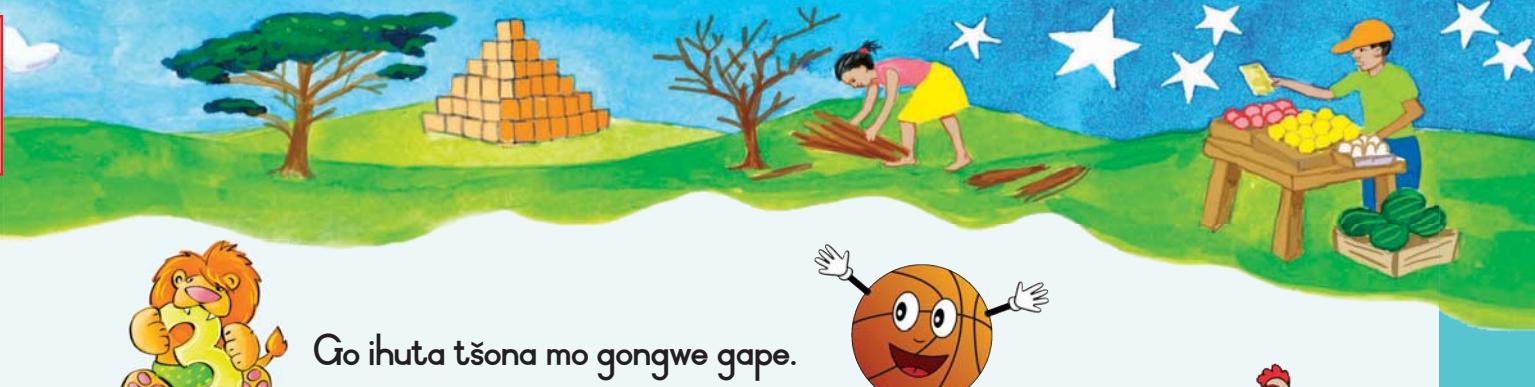


Tumišo



Tumišo o rekiša dithekethé. O thomile go rekiša dithekethé tše 92. O šetše ka tše 67.

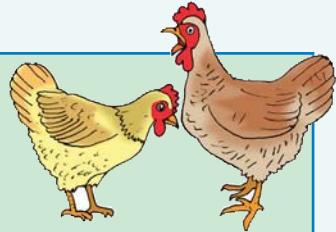
Na Tumišo o rekišitše dithekethé tše kae ka moka?



Go ihuta tšona mo gongwe gape.



Go na le matsuana a 69 ka hokong e tee gomme a
95 ka go ye nngwe. Na ke motsuana a makae ka moka?
Na go rekišitšwe motsuana a makae ka moka?
Bala ka fao Rati le Ackar ba rarollago lefokopalo.



Tsel a ya Rati

$$\begin{aligned} & 60 + 90 + 9 + 5 \\ = & 100 + 50 + 14 \\ = & 150 + 10 + 4 \\ = & 164 \end{aligned}$$



Tsel a ya Ackar

$$\begin{aligned} & 69 + 95 \\ = & 70 + 95 - 1 \\ = & 70 + 90 + 5 - 1 \\ = & 160 + 4 \\ = & 164 \end{aligned}$$

Na o a tseba gore
ke ka lebaka la eng
a ntšha?



- a. Bašemane ba kgoboketša R96 ya leeto la phapoši. Basetsana ba kgobokeditše R79. Na bašemane ba kgobokeditše bokae? Ba kgobokeditše bokae mmogo?

Šomiša mokgwa wa Rati

Šomiša mokgwa wa Ackar

- b. Sekolo se setee se kgoboketša dikilogramo tše 76 tša dithini. Sekolo se sengwe se kgoboketša dikilogramo tše 68 tša dithini. Na ke di kg tše kae tša dithini tše dikolo tše pedi di di kgobokeditšego?

Šomiša mokgwa wa Rati

Šomiša mokgwa wa Ackar



Teacher:
Sign:
Date:

39



Letšatšikgwedie:

Kotara ya 2

Bala o be o balele



Go hwetša karolo

Ngwala dinomoro tšeou di sego gona.

a.

100	
	27

b.

100	
39	

c.

100	
43	

d.

100	
56	

e.

200	
140	

f.

200	
	110

g.

200	
135	

h.

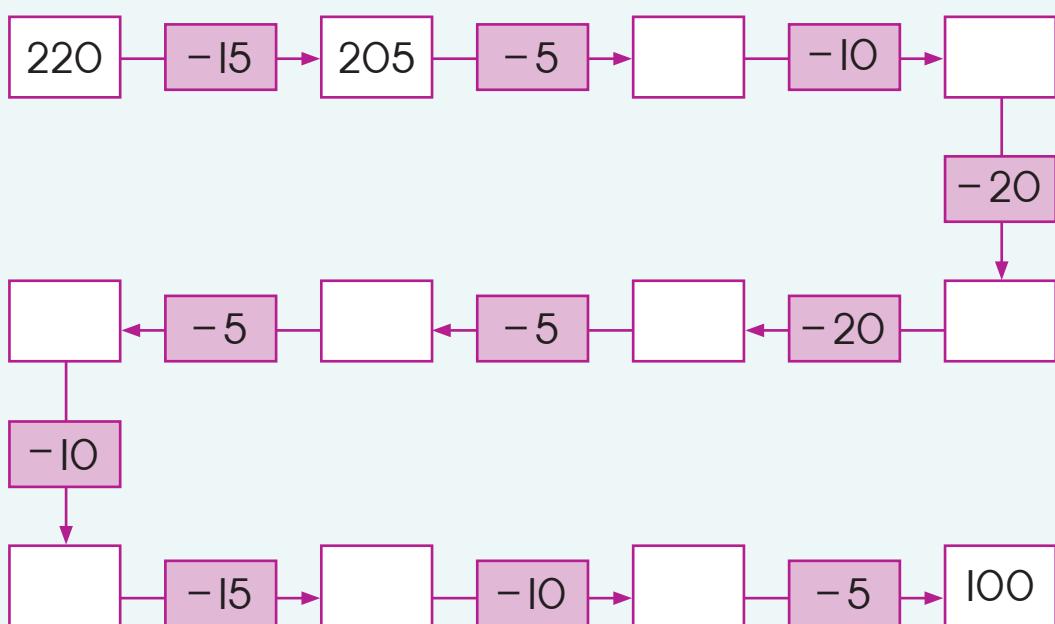
200	
	120



Balela morago go fihla go 100

Ntšha dinomoro tša ka go lepokisi le lepinki ka dinako tšohle.

Re go diretše ya mathomo.



Ye ke tsela
ye bonolo ya go
lekola dikarabo
tša gago!

Thoma ka 100.
Balela morago go
fihla go 220.

Bjale, oketša
dinomoro.

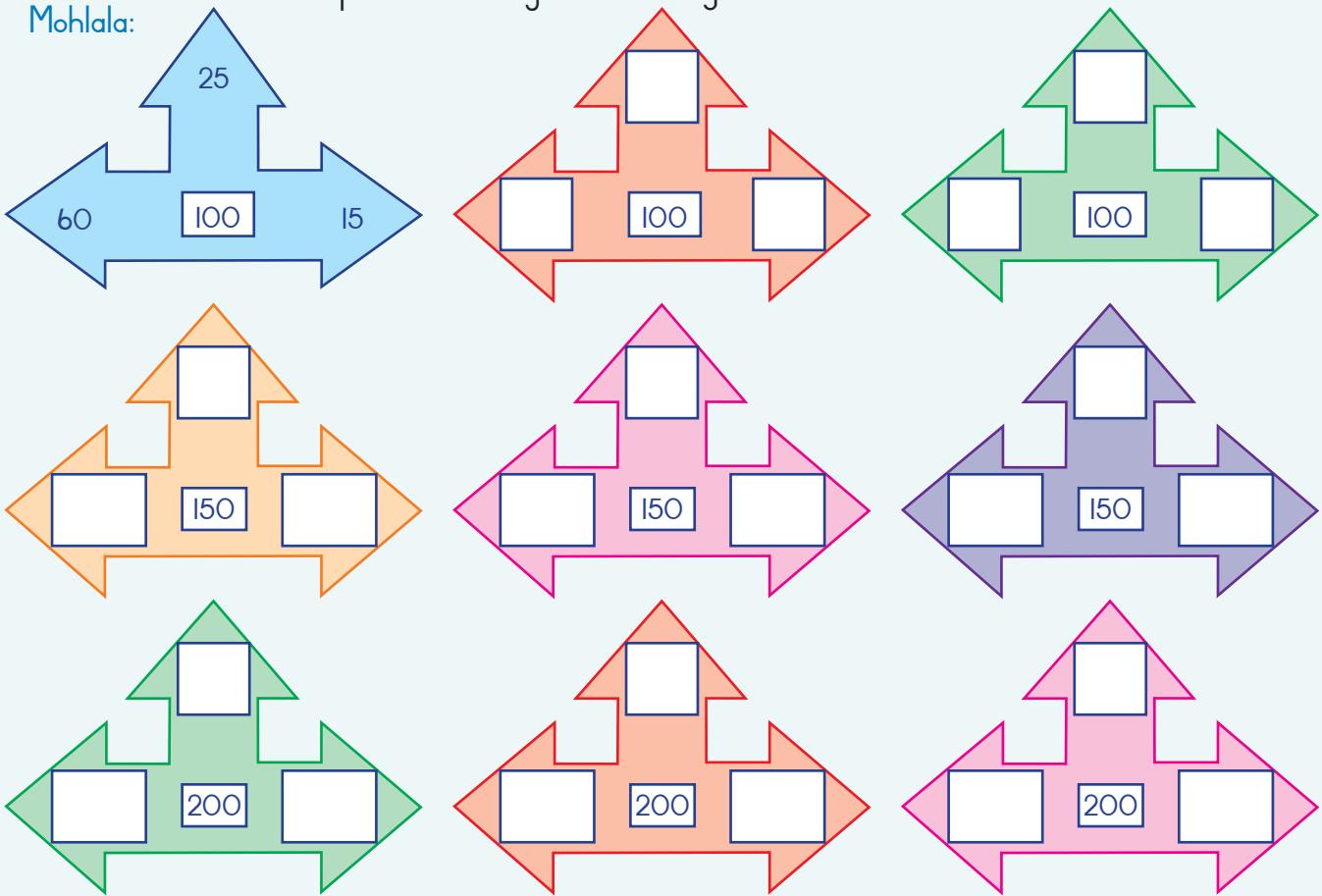


Malapa a ba bararo

Hwetša dinomoro tše 3 tšeо di dirago palo ya tebanyo.

Molao: Ke palo e tee fela yeo e ka felelago ka O.

Mohlala:



Oketšega ka 50, gape, fokotšega ka 50

Ngwala dikarabo mothaling wa bo 2.

	70	125	150	81	96	122	134	111	70
+50	120								
-50	186	200	158	179	139	79	126	138	99
	136								



Teacher: Sign:
Date:

40

Letšatšikgwedī:

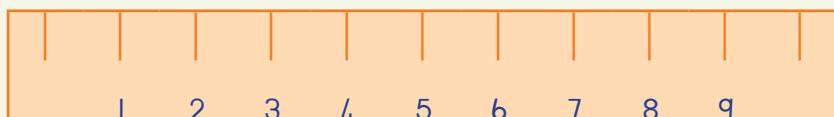


Kotara ya 2

Go ela ka disentimetara



Na bogolo bja sentimetara ke bjo bokaakang?



Dinomoro tšeō di lego go rula di emetše **disentimetara**.

Re šomiša khutsofatšo goba leswao la **cm**.

Ge o šomiša rula, o swanetše go thoma go ela go tloga go O.

Dirula tše dingwe ga di laetše O bjalo ka yeo e lego letlakaleng le.

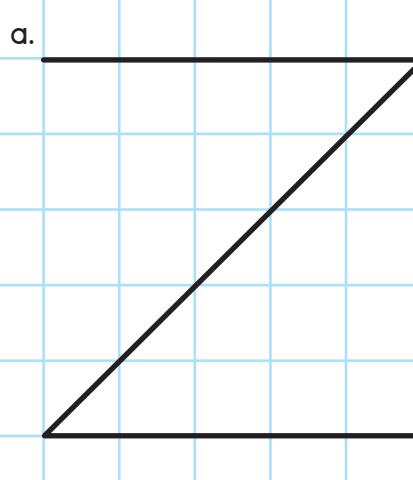
Hwetša cm ya lefeela go rula. Ngwala O go rula.

Na disentimetara tše 10 di gokae go rula ye? Ngwala 10 gona moo.

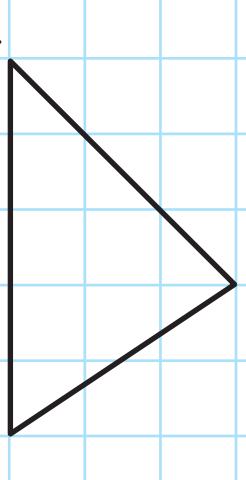


Lekanyetša, ka morago o mete ka nepagalo palomoka ya botelele bja methalo ye ka sentimetara o šomiša rula ya gago.

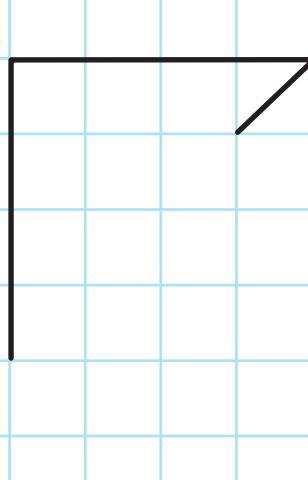
a.



b.



c.



a. Akanyetša

cm

b. Akanyetša

cm

c. Akanyetša

cm

Meta

cm

Meta

cm

Meta

cm



Na mothaladi wo mongwe le wo mongwe ke wo mokae ka botelele?

Na mothaladi wo mongwe le wo mongwe ke wo mokae ka botelele?

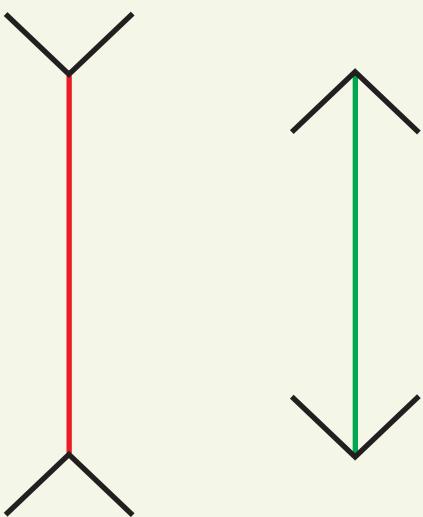
a. —————	<input type="text"/> cm	d.	<input type="text"/> cm
b. —————	<input type="text"/> cm	e. —————	<input type="text"/> cm
c. —————	<input type="text"/> cm	f. —————	<input type="text"/> cm



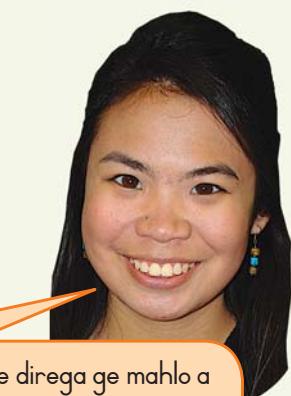
Na o na le nnete?

Ke ofe wo motelele, mothaladi wo mohubedu goba wo motalamorogo?

Na o ka lekola bjang?



Se se bitšwa go leantšha mahlo. Se se direga ge mahlo a gago a bona selo seo se sego gona. Methaladi ye mebedi e na le botelele bja go lekana. Methalo yeo e lebilego kantle e dira gore mothaladi wo mohubedu o lebelege o le wo moteletšana gomme methaladi ye meso ye e lebilego ka gare e dira gore mothaladi wo motalamorogo o lebelege o le wo mokopananyana.



4



Kotara ya 2



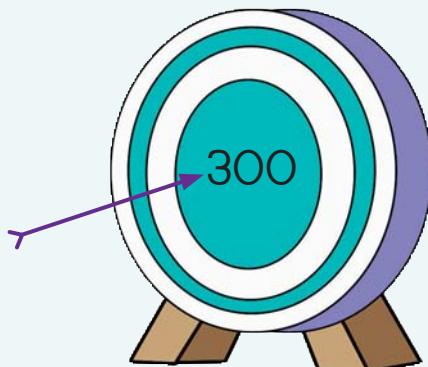
Go bala le go ngwala ka di-200

Bala go tloga go 201 go fihla go 300.

Šupa o le gare o sepela.

Bjale ngwala dinomoro tše talalerata pele.

Ngwala dinomoro ka moka.



201						207			210
211									
221									
231									



Ngwala dinomoro tše 10 tšeō di tlago ka morago ga 300.

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



Motabogo ke eng?

30I

28I

I7I

2II

10I



Go bontsha le go bapetša

- a. Ngwala dinomoro tše di tsenago ka go karata ye nngwe le ye nngwe.

298;

208;

30I;

276;

227;

269;

3II

2 0 0

9 0

8

- b. Ngwala dinomoro ka go latelana go tloga go ye nnyane go ya go ye kgolo.

_____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____

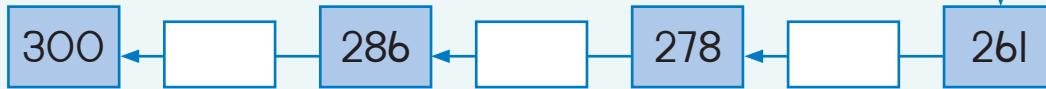


Ngwala dinomoro tše di tlogetšwego.

Thoma



Fetša



Teacher:

Sign:

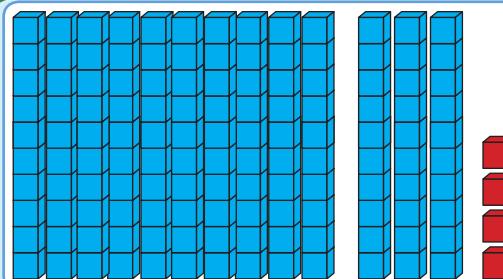
Date:



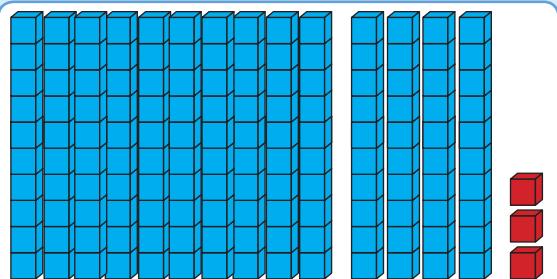
Go hlakanya le go arola ka di-100



Go šomiša dipoloko go hlakanya



+



$$\begin{array}{r} 100 \\ + 30 \\ \hline 100 \end{array}$$

+

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

$$\begin{array}{r} 30 \\ + 40 \\ \hline 70 \end{array}$$

$$= \begin{array}{r} 200 \\ + 70 \\ \hline 200 \end{array}$$

$$= \begin{array}{r} 200 \\ + 7 \\ \hline 207 \end{array}$$

$$= \begin{array}{r} 207 \\ + 7 \\ \hline 277 \end{array}$$



Lebelela mekgwa ye mebedi. Bontšha karabo ye nngwe le ye nngwe ka mekgwa ye mebedi.

a. $132 + 123$

Mokgwa wa Tumi

$$= 100 + 100 + 30 + 20 + 2 + 3$$

$$= 200 + 50 + 5$$

$$= 255$$



Mokgwa wa Phuki

~~$$132 + 123$$~~

$$= 200 + 50 + 5$$

$$= 255$$



b. $114 + 162$



c. $276 + 148$



Ithute mokgwa wo mongwe le wo mongwe wa ye e latelago.

Rarolla palo ye nngwe ke ye nngwe ka tsela tše pedi tše di filwego.



a. $158 - 146$

Mokgwa wa Tumi

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



Mokgwa wa Phuki

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

b. $194 - 122$

c. $288 - 199$

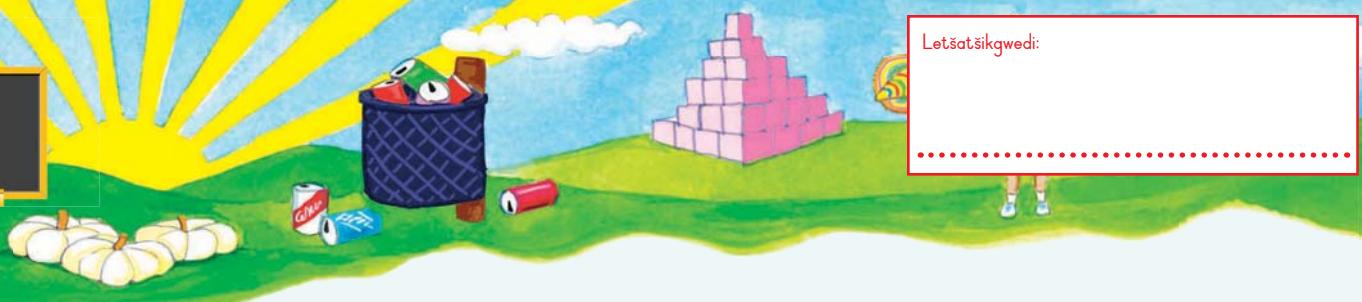


Teacher: _____
Sign: _____
Date: _____

43

Letšatšikgwedī:

Kotara ya 2



Selebanywa ke 400

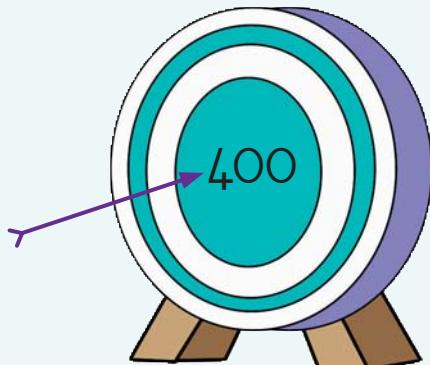


Go bala le go ngwala di-400

Bala go tloga go 300 go ya go 400.

Bolela dinomoro ge o dutše o tšwela pele.

Ngwala dinomoro tše di tlogetšwego mo go kriti.



301									310
				315					
									330
331				335					
								249	
				365			368		
									390
									400



Ngwala dinomoro tše q tše di tlago ka morago ga 400.

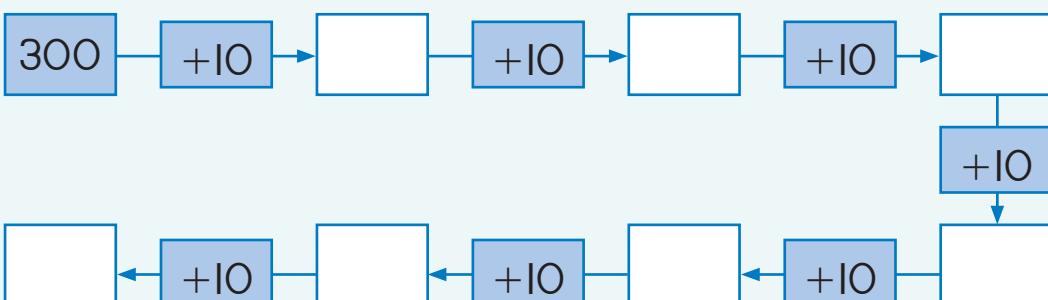
400; _____; _____; _____; _____; _____; _____; _____; _____; _____;



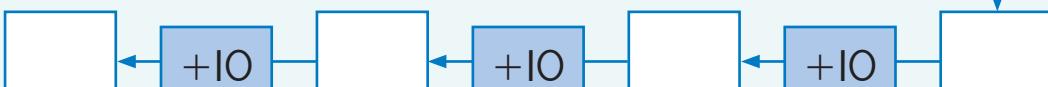
Phetogo ke eng?

- a. Go balela pele go tloga go 300

Thoma

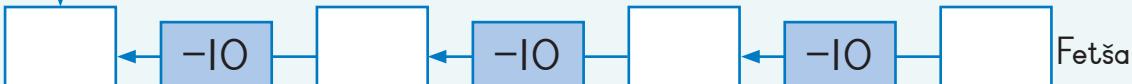
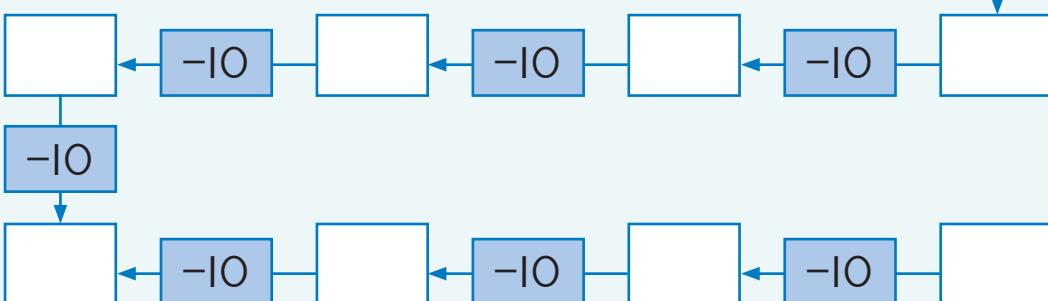
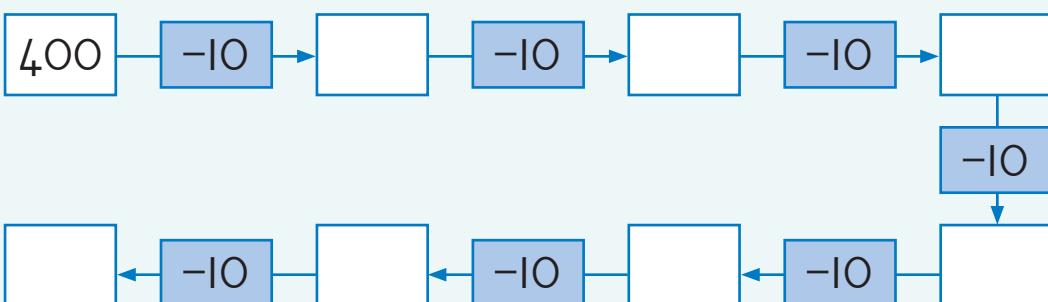


Fetša



- b. Bala go tloga go 400

Thoma



Ngwala bjalo ka nomoro e tee.

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

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

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

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

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

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

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

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

Ngwala dinomoro ka go latelana go tloga go ye nnyane go ya go ye kgolo.

 , , , , , , ,



Teacher: Sign:
Date:

44

Letšatšikgwedie:

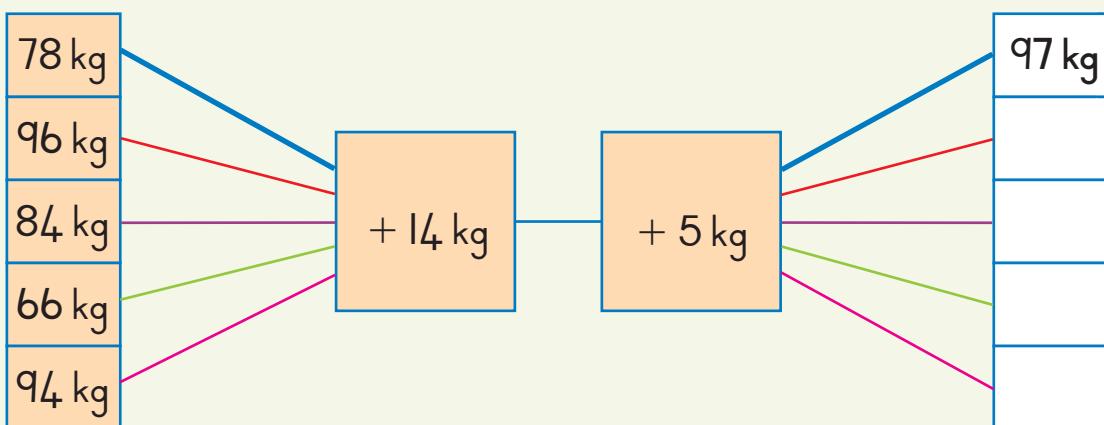
Kotara ya 2



Go kala

Oketša ka dikilogramo tše dingwe

Hlakanya o be o ngwale dikarabo.



Go feleletša gomme o hlakanye!

Nagana ka bohlale!

Phukubje 25 kg	Khudu 98 kg	Tšhwene 59 kg	Namane ya Pitsi 88 kg	Phelikene 9 kg

Feleletša boima bja phoofolo ye nngwe le ye nngwe gore bo fihle go 10 kg ya kgauswi.

Ngwala boima ka moka ka tatelano go tloga go tše bofefo go ya go tše boima.

Akanya palomoka ya boima bja diphoofolo tše 5.



Kopanya boima bja tšona



Nka no ba ke se boima go swana le wena, Khudu ya go tšofala, eupša ke na le nnete ya gore ke kitima go go feta!

Dikgato

- Šomiša dipalomoka tše o di hweditšego.
- Akanya boima bja diphoofolo tše di lego mothalong wo mongwe le wo mongwe.
- Hwetša palomoka.
- Bapetša dipalomoka tše pedi gomme o ngwale phapano.



	Ke a akanya	Ke a bala	Phapano
+			
+ +			
+ +			



Boima bja Lesiba

Lekola. Bapetša. Phošolla.

Lesiba o hlakanya boima bja gagwe le boima bja le bja .



Palomoka ya boima bja gagwe le bja tšona ke **239 kg**. Na Lesiba o imela bokae?

Laetša karabo ya gago.

--	--



Na ke imela bokae?

Bapalang ka dihlopha. Šielanang.

Hlakanya boima bja gago le boima bja diphoofolo tše dingwe. Hwetša palomoka. Efa karabo ya gago go sehlopha. O se ke wa ba bontšha mošomo wa gago! Ba swanetše go iteka gomme ba akanye ka boima bja gago.



Teacher: _____
Sign: _____
Date: _____

45

Letšatšikgwezi:

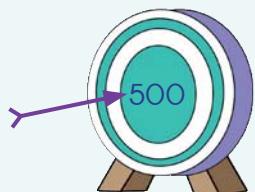


Kotara ya 2



Bala o be o ngwale

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



a. Bala go tloga ka 400. Bala dinomoro o le gare o tšwela pele.

b. Ngwala dinomoro tše di sego gona kriting.

c. Ngwala dinomoro tše 9 tše di latelago ka morago ga 500.

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

d. Bala ka di-2. Ngwala dinomoro tše latelago tše 8 ka **patrone ya di-2**.

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

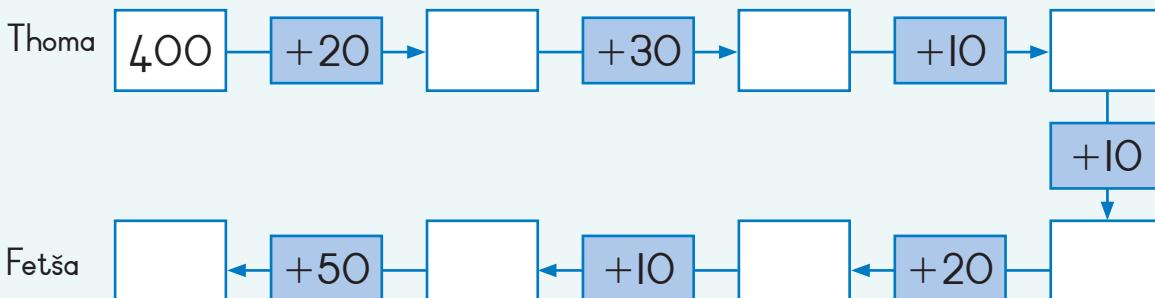
e. Bala ka di-5. Ngwala dinomoro tše latelago tše 8 ka **patrone ya di-5**.

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

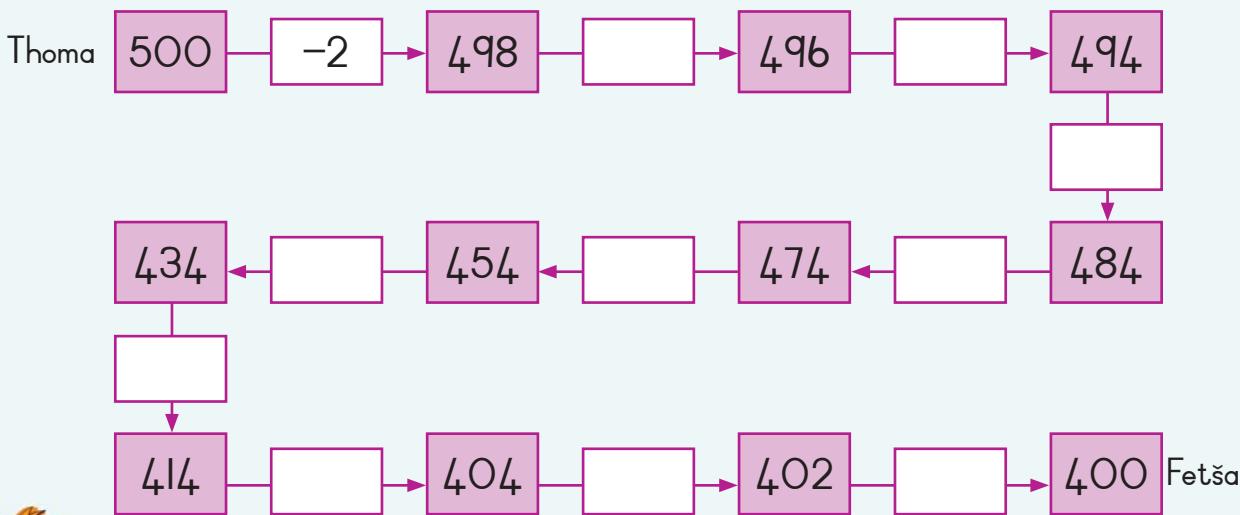


Ngwala dinomoro tše di tlogetšwego.

a. Balela morago go tloga go 400.



b. Balela morago go tloga go 500.



Go laetša dinomoro. Latela mohlala.

Hwetša palomoka ya dinomoro tše. šomiša dikarata tše dinomoro go laetša palomoka ye nngwe le ye nngwe.

405 + 10	415	400 + 10 + 5
446 + 10		
455 + 10		

398 + 10		
424 + 10		
460 + 20		



Teacher:
Sign:
Date:



Go hlakanya le go ntšha gape

Na o lemoga eng?

2 0 0

5 0

4

2 0 0

3 0

5

4 0 0

8 0

9

4 8 9



Re ile go šomiša mokgwa wa Tumi le wa Phuki gape go hlakanya.

a. $245 + 231$



Mokgwa wa Tumi

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

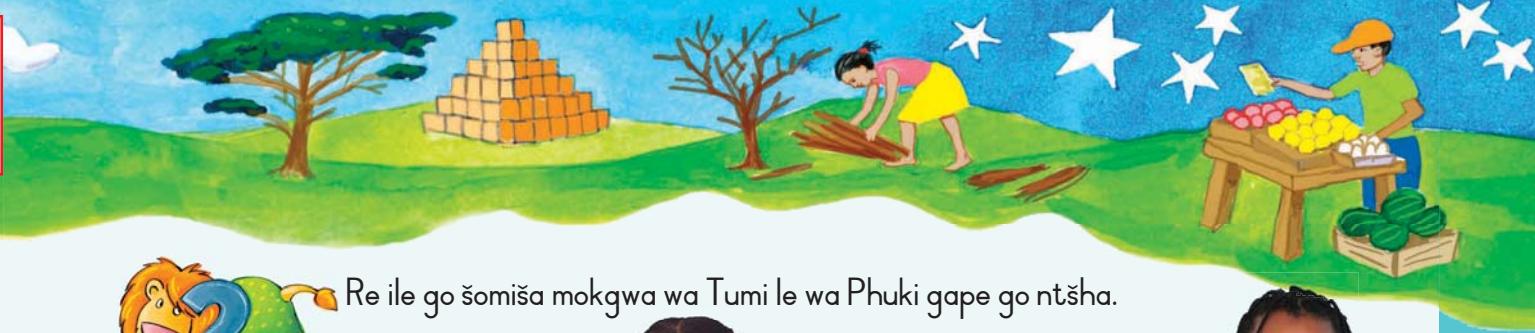
Mokgwa wa Phuki

$$\begin{aligned} &\cancel{2} \cancel{4} \cancel{5} + \cancel{2} \cancel{3} \cancel{1} \\ &= 400 + 70 + 6 \\ &= 476 \end{aligned}$$



b. $278 + 136$

c. $265 + 148$



Re ile go šomiša mokgwa wa Tumi le wa Phuki gape go ntšha.

a. $476 - 324$

Mokgwa wa Tumi

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



Mokgwa wa Phuki

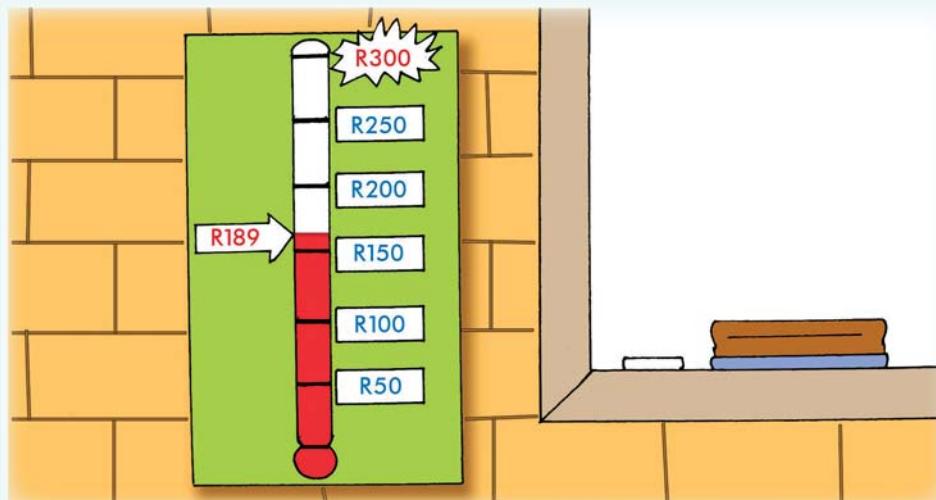
$$\begin{aligned} &\cancel{4} \cancel{7} \cancel{6} + \cancel{3} \cancel{2} \cancel{4} \\ &= 100 + 50 + 2 \\ &= 152 \end{aligned}$$

b. $489 - 456$

c. $482 - 161$



Go fihlelela
selebanywa



Ithute seswantšho.

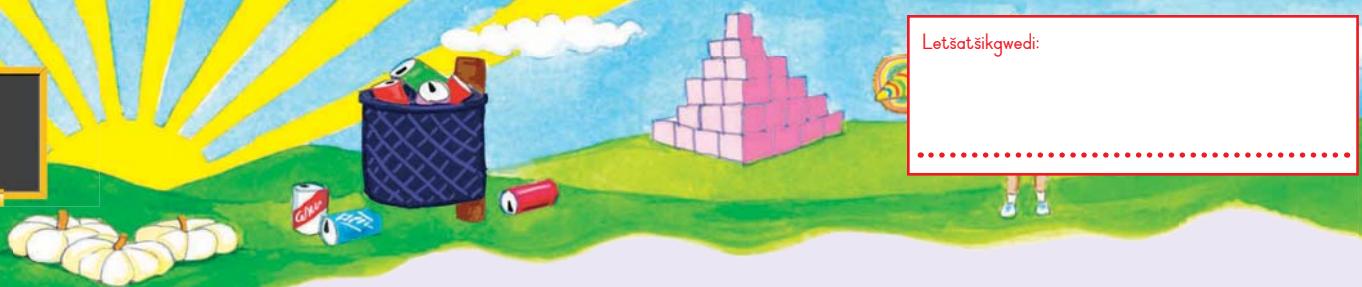
Go sa nyakega bokae gore re fihlelele selebanywa?

R



Teacher:
Sign:
Date:

47



Letšatšikgwedie:

Kotara ya 2



Kaonafatša mabokgoni a gago

Thaba ya sephiri

Efa leina la thaba ye kgolo kudu kua Gauteng. Šomiša khoutu go hwetša karabo. Tswalanya karabo ye nngwe le ye nngwe lenaneong le tlhaka yeo e lego khoutung.

A	B	C	D	E	F	G	H	I	J	K	L	M
I	2	3	4	5	6	7	8	9	10	II	12	13
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
14	15	16	17	18	19	20	21	22	23	24	25	26

Mohlala wa dinomoro	Karabo	Tlhaka
Mohlala: $2 \times 3 \times 3 \times 1 = \square$	18	R
$50 + 50 + 50 + 100 - 200 - 45 = \square$		
$1 + 2 + 7 + 10 + 7 + 1 - 14 = \square$		
$60 - 30 + 50 + 20 - 50 - 15 - 20 = \square$		
$3 + 2 + 7 + 1 + 2 + 1 + 3 = \square$		
$5 + 3 + 30 = 4 + 2 + 12 + \square$		
$100 - 5 - 70 = 20 + \square$		
$36 + 44 - 60 - 22 = \square$		
$10 + 15 = 14 + \square$		
$2 + 1 + 14 + 9 + 14 = 25 + \square$		
$1 \times 2 \times 2 \times 2 \times 2 = \square$		

Leina la thaba ke:



Lebelela! Nagana, gomme o arabe!

○ * ⚡ * ○ ○ * ⚡ * ○ ○ * ⚡ * ○
1 2 3 4 5 6 7 8 9 10 II 12 13 14 15

a. Na nomoro ya 16 e tla ba ya sebopego sefe?

Swaya (✓) ya maleba.



Nomoro ya 18 e tla ba ya sebopego se sebjang?

Swaya (✓) ya maleba.



Nomoro ya 28 e tla ba ya sebopego se sebjang?

Swaya (✓) ya maleba.



b. Nomoro ya 50 e tla ba *.

Nnete goba **Maaka**?

Nomoro ya 100 e tla ba ○.

Nnete goba **Maaka**?

Nomoro ya 23 e tla ba ⚡.

Nnete goba **Maaka**?



Hlahloba. Bapetša. Lokiša.

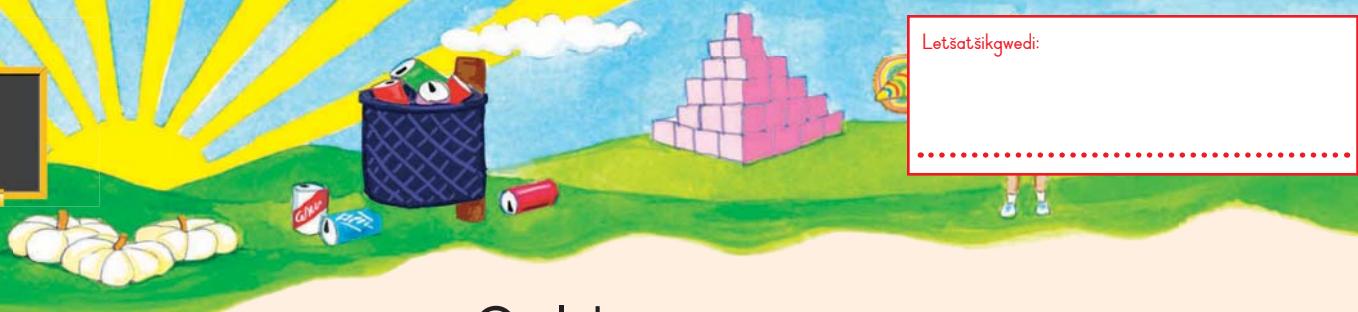
Ye ntši ke efe?

Go hweša **R250** ka letšatši e le tšelete ya potla ka Mosegamanye le Phupu; goba go hwetša **RI50** letšatši la mafelelo a Phato?



Teacher:
Sign:
Date:

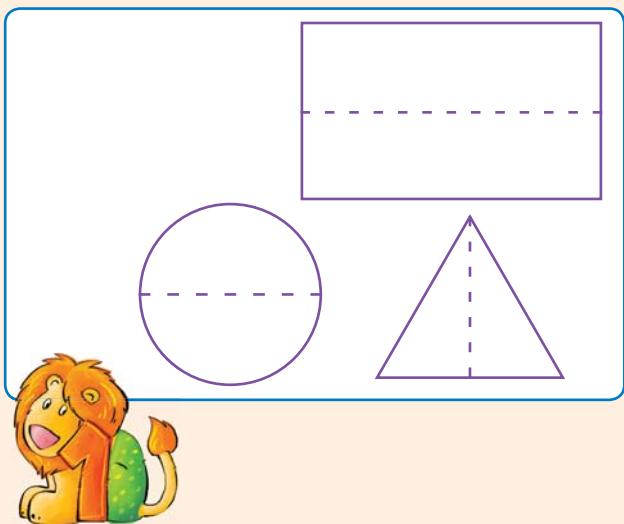
II 12 13 14 15 16 17 18 19 20



Letšatšikgwedi:

Go lekana

O lemoga eng ka dibopego tše?



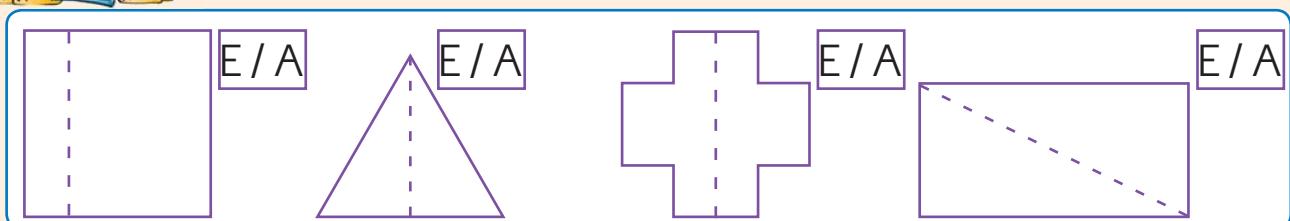
Mothalo wa go lekana o arola sebopego ka diripagare tše pedi gore seripagare se sengwe le se sengwe e be seipone sa se sengwe.

Sebopego se na le tekanyetšo ge o ka se mena go latela mothalotekanyetšo gore diripagare tše pedi di swane tlwa!

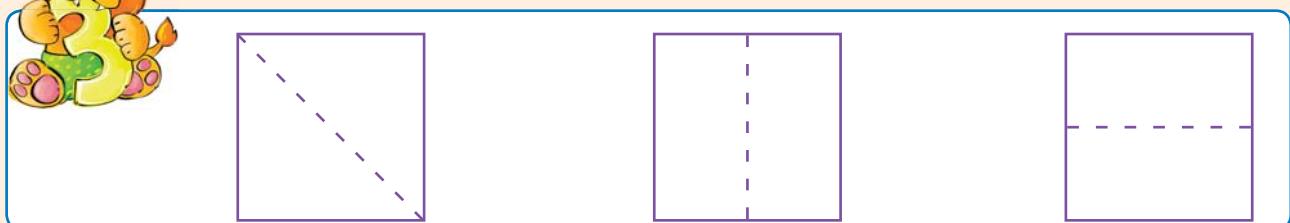


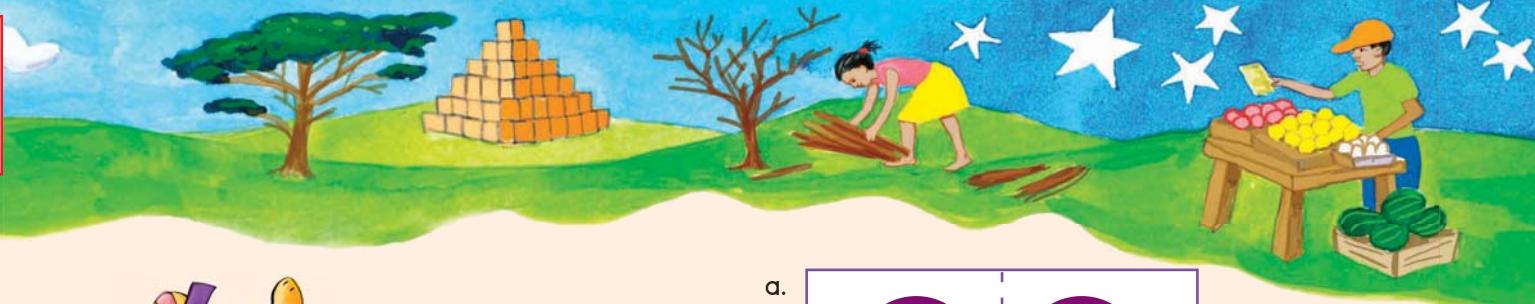
Na mothalokhutlo ke mothalo wa go lekantsha goba aowa?

Dira sediko go (E) Ee goba (A) Aowa.



Na mothalo wo ke wa go lekantsha? Efa lebaka.

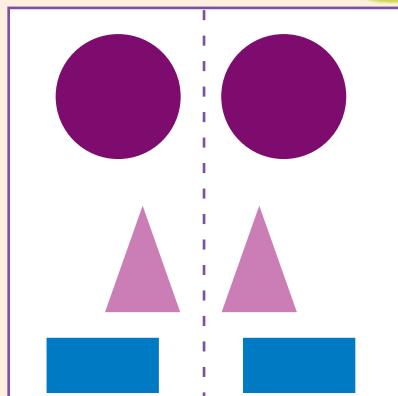




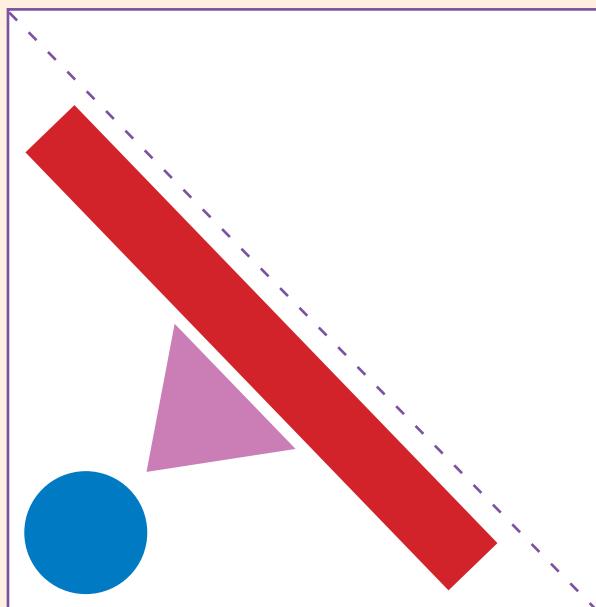
Thala dibopego, gomme o dire gore seswantšho
se swane goba se lekalekane.

Re go diretše sa mathomo.

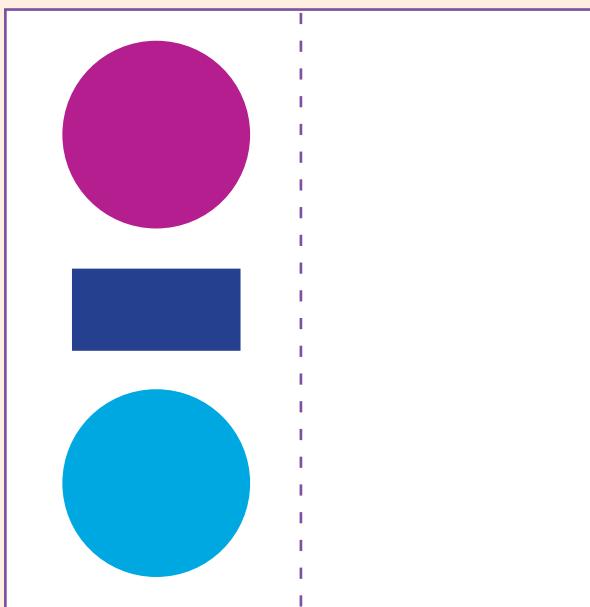
a.



b.



c.



Itirele
khanete ya go
ba le dibopego
tsha go swana.



Teacher:
Sign:
Date:

49

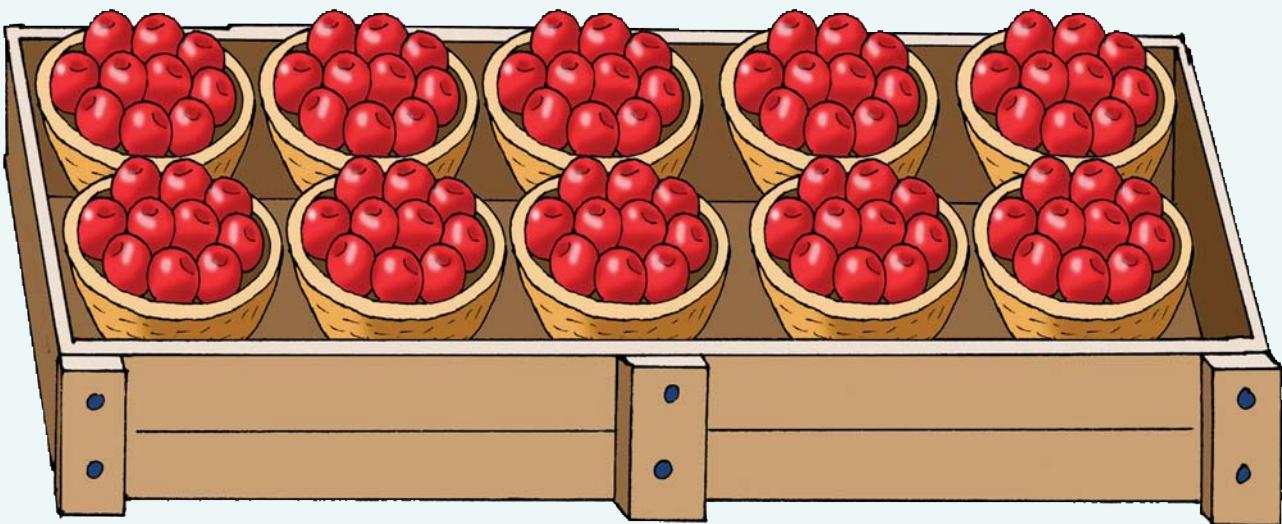
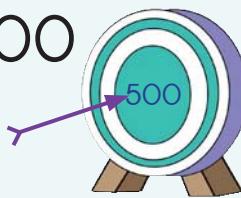
Letšatšikg wedi:

Kotara ya 2



Bala diapola

Go aga go fihla go 500



Feleletša o be o atiše

Serotwana se 1 se swara diapola tše ____.	$1 \times 10 = 10$
Dirotwana tše 3 di swara diapola tše ____.	$3 \times 10 =$
Dirotwana tše 5 di swara diapola tše ____.	
Dirotwana tše 4 di swara diapola tše ____.	
Dirotwana tše 2 di swara diapola tše ____.	
Khreiti e 1 e swara diapola tše 100 .	Dikhreiti tše 2 di swara diapola tše ____.
Dikhreiti tše 3 di swara diapola tše ____.	Dikhreiti tše 4 di swara diapola tše ____.
Dikhreiti tše 5 di swara diapola tše ____.	Diripagare tše 2 tša dikhreiti di swara diapola tše ____.

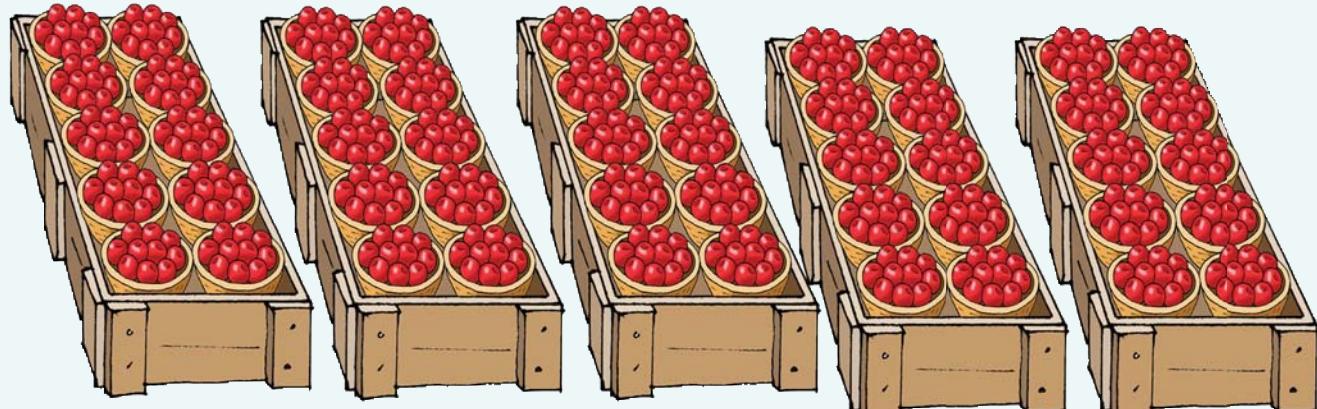


Go na le diapola tše 10 ka gare ga seroto se !

Go na le diroto tše _____ ka gare ga le pokisana le tee.

Go na le diapola tše _____ ka gare ga le pokisana le tee.

Na ke diapola tše kae ka moka? _____



Go humana, go bontsha le go ngwala

300

40

5

Thoma ka go šomiša dikarata tše dinomoro go bontsha palomoka ye
nngwe le ye nngwe. Bjale, ngwala nomoro.

$$3 \text{ dikhreiti } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} + 4 \text{ dirotwanas } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} + 5 \text{ diapola } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} = 345 \text{ diapola}$$

$$4 \text{ dikhreiti } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} + 5 \text{ dirotwana } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} + 7 \text{ diapola } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} = \underline{\hspace{2cm}} \text{ diapola}$$

$$5 \text{ dikhreiti } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} + 2 \text{ dirotwana } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} + 3 \text{ diapola } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} = \underline{\hspace{2cm}} \text{ diapola}$$

$$4 \text{ dikhreiti } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} + 7 \text{ dirotwana } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} + 2 \text{ diapola } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} = \underline{\hspace{2cm}} \text{ diapola}$$



Teacher: _____
Sign: _____
Date: _____

50

Letšatšikgwedī:

Kotara ya 2



Go atiša le go arola (10)



Go bala diapola

Ngwala mo dikgobeng tše di tlogetšwego.

Ke dirotwana tše kae tše di nago le diapola?



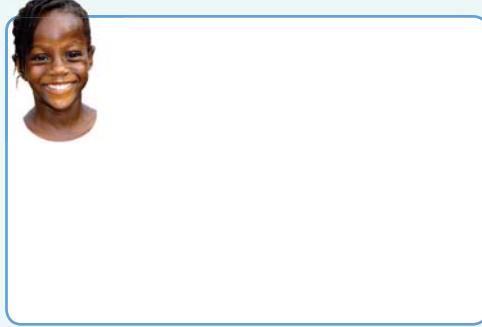
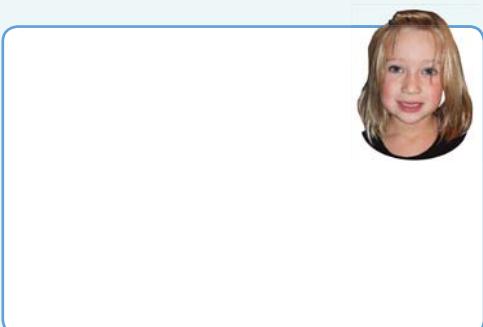
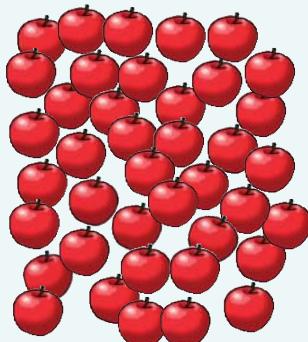
Diapola	10	20	30	40	50
Dirotwana	1	2			
÷ palo					$50 \div 10 = 5$
× palo					$5 \times 10 = 50$



Arola diapola gare ga bana. Dira sethalwa.

a.

Ngwala palo ya go arola le ya go atiša ya go bona ge eba karabo ya gago ke ya maleba

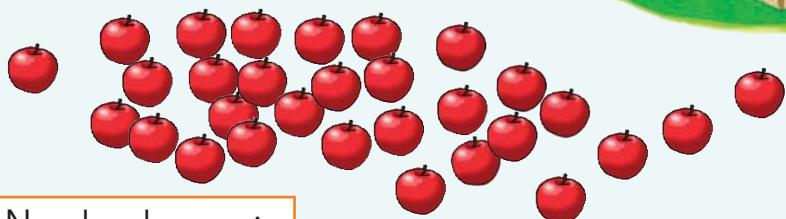


Lebelela dikarabo
<u>tša gago.</u>
$\square \div \square = \square$
$\square \times \square = \square$





b.



Ngwala palo ya go ÷



Ngwala palo ya go
 \times go bona ge eba
karabo ya gago ke
ya maleba



Šomisa dinomoro o itirele mafokopalo.



Mohlala:

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

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



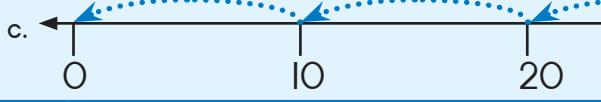
\div	
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\times	
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\div	
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\times	
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\div	
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\times	
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Efa palo ye e lego ye nnyane ka 10 go palo ye e filwego, gape ye e fetago palo ye e filwego ka 10.

_____, 460, _____

_____, 390, _____

_____, 500, _____



Teacher:
Sign:

Date:

5|

Letšatšikgwedī:

Kotara ya 2



Go bala ka di-2

Go balela pele ka di-2 go fihla go 500, gape, go balela morago.

- a. 232; 234; _____; _____; _____; 242; _____; _____; 248
- b. 500; _____; 496; _____; _____; 490; _____; _____; _____
- c. 460; _____; _____; 400; _____; 360; _____; _____; _____
- d. 341; _____; 361; _____; _____; 391; _____; 411; _____; _____



Diphere tša
diklelafo



- a. Na go na le diphere tše kae tša diklelafo mothalading o tee? _____
- b. Na go na le diklelafo tša go sepela di le noši tše kae mothalading o tee? _____
- c. Na ke methaladi ye mekae? _____
- d. Na ke diklelafo tše kae ka moka? _____
- e. Laetša ka fao o di šomago ka gona.
- f. Ngwala karabo ya gago bjalo ka lefokopalo.

$$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



Na ke dikelaflo tše kae?

Ngwala ka gare ga mapokisana.

a.	Phere ya ditlaflo	10	5	50	4	40	3	30	100
b.	Ditlaflo tša e tee ka e tee	20		21		70		73	
	Diphore tše di ka dirwago								
	Klelafo e tee yeo e šetšego								



Ke palo efe ye e lego gare ge o bala ka di -2?

- a. Ke palo efe ye e tlago gare?

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

- b. Ngwala dinomoro tše pedi tše di latelago.

373, 375, <u>377</u> , 379	480, 482, ___, ___	262, 264, ___, ___
----------------------------	--------------------	--------------------

- c. Ngwala dinomoro tše pedi tše di latelago.

346, 348, ___, ___	415, 417, ___, ___	297, 299, ___, ___
--------------------	--------------------	--------------------





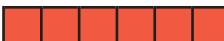
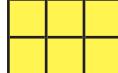
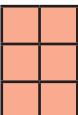
Go beakanya serapana

Mohumagadi Letsoalo o na le dithaele tše botse.

O di šomiša go dira tselanamaoto ka serapaneng sa gagwe.

Go na le dithaele tše dikwere tše 6 tše bogolo bja go lekana.

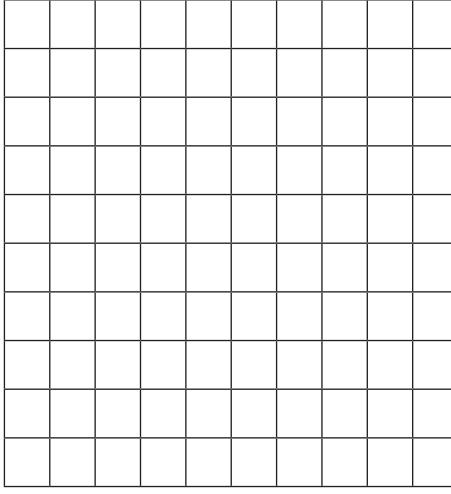
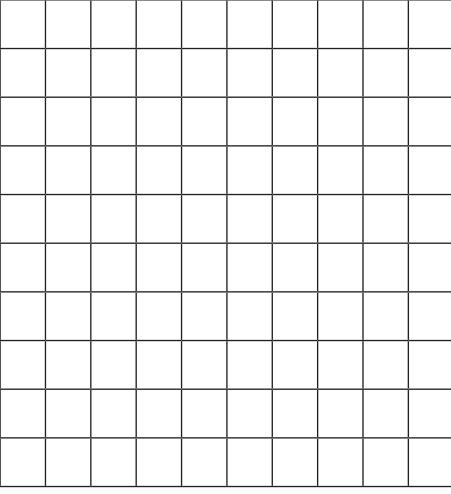


Nka dira mothaladi ka dithaele tše 6.	Nka dira methaladi ye mebedi ka dithaele tše tharo.	Nka dira methaladi ye meraro ka dithaele tše 2 wo mongwe le wo mongwe.
 $6 \times 1 = 6$	 $3 \times 2 = 6$	 $2 \times 3 = 6$

Bjale ke sebaka sa gago!

Thala mapokisana go laetša ka fao o ka beakanyago dithaele tše dikwere tše 8 le 9.

Ngwala mafokopalo a sethalwa se sengwe le se sengwe.

8 dikwere	9 dikwere
	

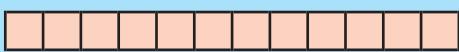


Beakanya dithaele tše 12

Thabo o na le dithaele tša dikwere tše 12 tša go dira tselanamaoto ka ntle moo a beago paeskela ya gagwe. Mo thuše ka fao a ka dirago se.

Ngwala lefokopalo la tsela ye nngwe le ye nngwe.

Mohlala:



$$1 \times 12 = 12$$

$$12 \times 1 = 12$$



Beakanya dithaele tše 24

- Šomiša kriti ya sesegwa sa 2.
- Thala ka gare ga tšona go akaretša mapokisana a 24.
- Ngwala lefokopalo go nyalanya sethalwa se sengwe le se sengwe.

--



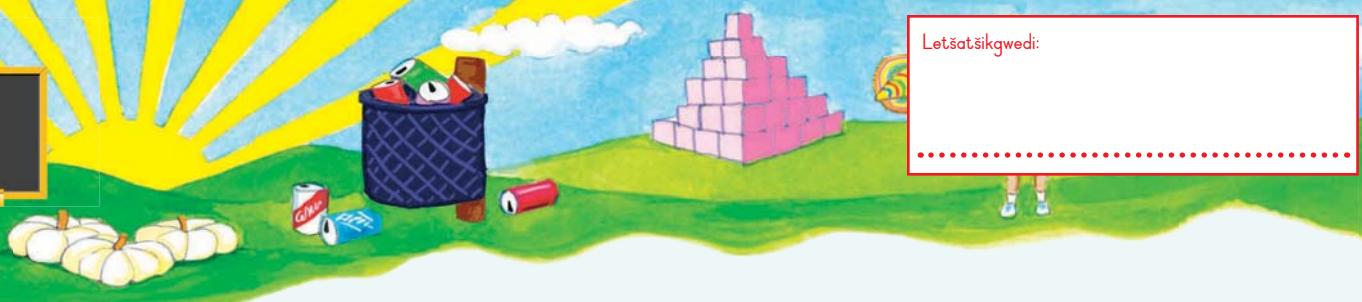
Ke kgona go atiša!

$12 = 2 \times$ <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"/>



Teacher:
Sign:
Date:

53



Letšatšikgwedī:

Kotara ya 2

Go šomiša dihlano



Tseba go bala ka di-5

Ngwala dikarabo.

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



Bala dikereše



- Dikerese ke tše kae ka lepokising le lengwe le le lengwe? _____
- Mapokisi ke a makae mothalong wo mongwe le wo mongwe? _____
- Dikerese ke tše kae mothalong wo mongwe le wo mongwe? _____
- Palomoka ya dikerese ge di hlakane ke bokae? _____



Laetša karabo

Swaya (✓) go mafokopalo ao a laetšago palomoka ya dikerese.

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



Go balela pele le morago ka di-5

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



Go kgoboketša dikhoine tša di-R5



Bana ba kgoboketša dikhoine tša R5. Ba swanetše go kgoboketša dikhoine tše kae gore ba be le R ____? Re go diretše tše pedi tša mathomo.

$R5 \div R5$ = khoine ye I	$R10 \div R5$ = dikhoine tše 2	R15? _____	R20? _____	R25? _____
R30? _____	R35? _____	R40? _____	R45? _____	R50? _____

$$2 \times R5 = R$$

$$4 \times R5 = R$$

$$3 \times R5 = R$$

$$6 \times R5 = R$$

A o bona dipatrone?



Atiša ka di-5

Mohlala: I \times 5 = 5; II \times 5 = 55; 2I \times 5 = 105

Nagana ka bohlale! Bolela ka dilo tše o di tsebago!

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: _____

Lekola, Bapetša, Phašolla.

Lefokopalo la nako
Rarolla lefokopalo le lengwe le lengwe. Šomiša metħħalo ya nako go go thuša.

a. Oketšo o etela tatagħwie kliniking ka **15:45**.
O tlogha kliniking ka **17:15**.
Na o tšere lebka le lekaakang ge amo et-letsé?

b. Tshego o ya phakeng ka **10:45**.
O fiħla gae ka **12:30**.
Na o tšere lebka le lekaakang a se gae?

c. Tumišo o thoma go iħħuta ka **13:15**.
O fetħsa ka **14:45**.
Na Tumišo o iħħuta nako ye kaakang?

Gro šoma ka nako

Go thħala dinako

Seri pagare go ya go iri ya 5	Kotara go ya go iri ya lesomettee	Kotara go tšwa go 12	12:45

Mmago Nomsa o tħogħi ka gae ka **2:30** matħapama.
O boġ gae ka **5:15** matħapama. Na o tħsew lebka
le lekaakang?

Lefokopalo la nako

Re ka šomiša mothħolnaku go ġhwetħsa
karab. Bejn monwana wa gago wa l-etsogo
go 2:30, ndok ya maleba gona bjale.

**Ge o tħelħela pele iri
e tee ye ngwegħ e tħa
go fiħla go 5:00
matħapama.**

**Comme ge o tħelħela
pele iri e tħie ka
moka, e tħalli ba 4:00
matħapama.**

**Ge o tħelħela pele diri
tše $\frac{1}{2}$ e tħalli ba 3:00
matħapama.**

**Bjale o ka tħelħla $\frac{1}{4}$
ya irri għappi go fiħla
go 5:15 matħapama**

$\frac{1}{2}$ ya irri go hukkanya ledin i u se pedi di diri diri ishe $2\frac{1}{2}$.
Għolhakanya le 4 ya irri e diri 24 ka moka.

54

Kotara ja 2

Teacher:
Sign: _____ Date: _____

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



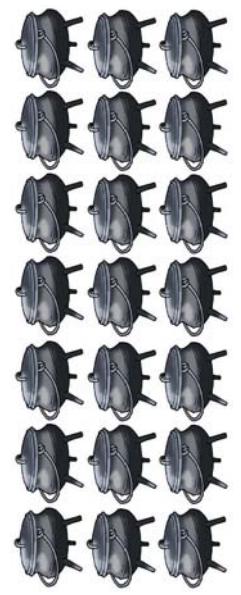
55

Bala ka di-3 le ka di-4



Dipitsa tša maotwana a 3

Hlakanuya gommé o
ngwale dikarabo



- Go na le dipitsa tše kae mo mothalong? _____
- Go na le maotwana a mkae mo mothalong? _____
- Go na le methalo ye mkae ya dipitsa? _____
- Ké maotwana a mkae ka moka? Laetša gore o hweditše karabo bjøng.

Swaya (✓) ke mafokopalo a mafe mo tlaseo ao a laetšago palomoka?

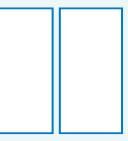
 $21 \times 7 = \boxed{\quad}$
 $3 \times 7 \times 3 = \boxed{\quad}$
 $3 \times 4 \times 2 = \boxed{\quad}$
 $21 \times 3 = \boxed{\quad}$

Maotwana a mkae?

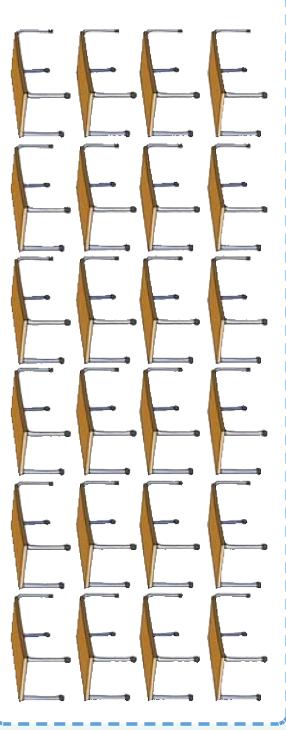


1 pitša	<input type="checkbox"/> 3 maotwana	<input type="checkbox"/> 10 dipitsa	<input type="checkbox"/> 5 maotwana	<input type="checkbox"/> 12 dipitsa	<input type="checkbox"/> 14 maotwana
2 dipitsa	<input type="checkbox"/> maotwana	<input type="checkbox"/> 15 dipitsa	<input type="checkbox"/> maotwana	<input type="checkbox"/> 13 dipitsa	<input type="checkbox"/> maotwana
5 dipitsa	<input type="checkbox"/> maotwana	<input type="checkbox"/> 14 dipitsa	<input type="checkbox"/> maotwana	<input type="checkbox"/> 12 dipitsa	<input type="checkbox"/> 10 maotwana

Gopola ka lèbèlo.
Gopola ka bohlè.



Maotoo a tafola



- Go na le ditafola tše kae mo mothalong? _____
- Go na le maotwana a mkae mo mothalong? _____
- Go na le methalo ye mkae ya ditafola? _____
- Maotwana ka moka ke a maka? Laetša gore o hweditše karabo bjøng?



Mmetlo dira ditafola. O thomaka go dira maotwana.

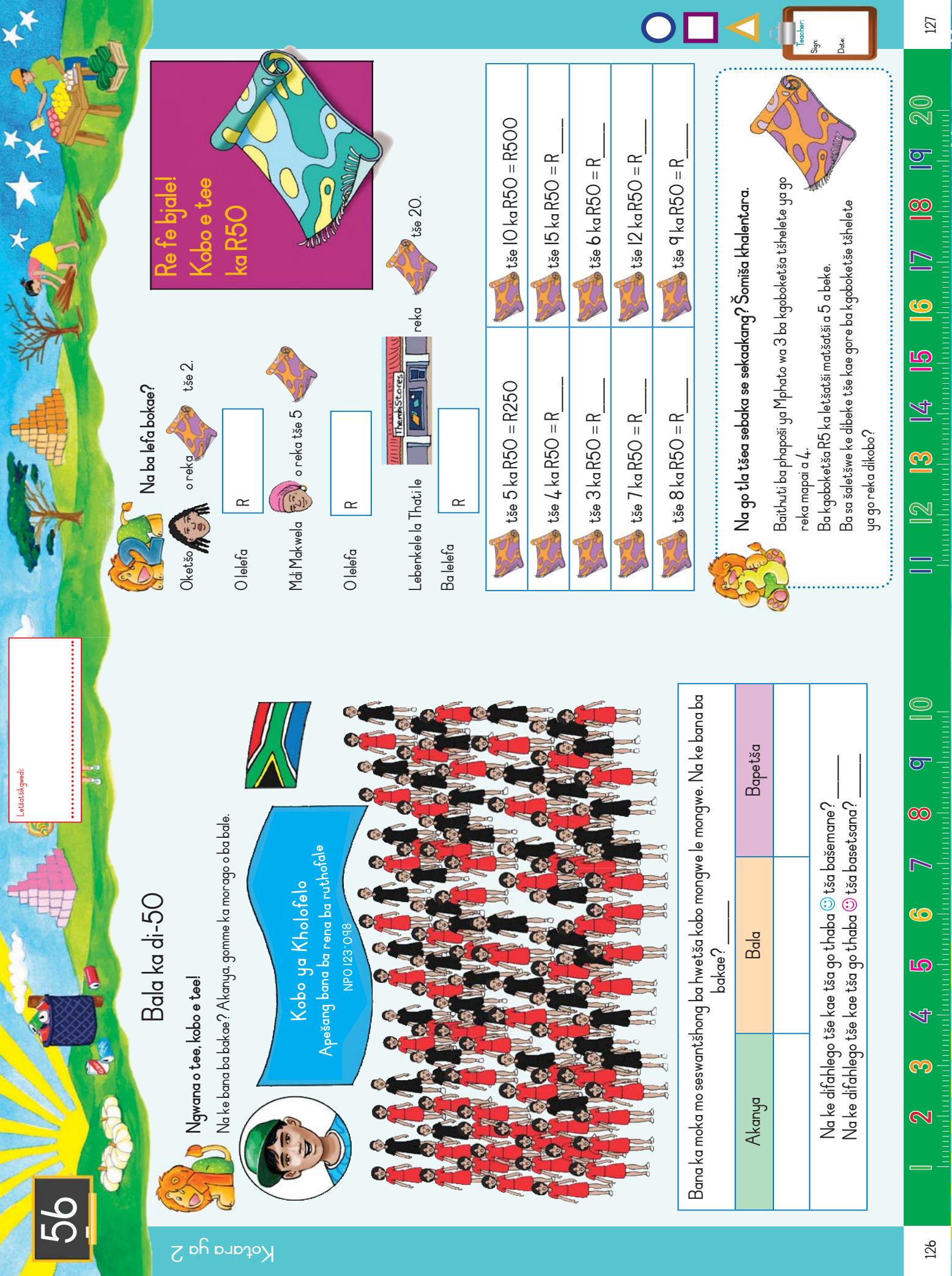
Gabjade o dirile 4/8. Na a ka dira ditafola tše kae?

O swanleiwa ke go oketša ka maotwana a mkae ge a
oketša palo ya ditafola ka e tee?

Feleletša krítu ka gongwala dikarabo



<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 8	<input type="checkbox"/> 10	<input type="checkbox"/> 11	<input type="checkbox"/> 12
<input type="checkbox"/> × 3	<input type="checkbox"/> 6						
<input type="checkbox"/> × 4	<input type="checkbox"/> 8						



Bala ka di-50

Ngwana o tee, kobo e tee!

Na ke bana ba bokae? Akanya, gomme ka morago o bable.



Kobo ya Kholofelo
Appesang bana ba rena ba routhofale
NPO 123-098



Na ba lefabokae?



Oketšo o reka tše 2.



O lefəa R

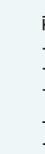


Re fe bjale!
Kobo e tee
ka R50



Mdi Makwela o reka tše 5

O lefəa R



Lebenkeli la Thatle



Ba lefəa R



reka



tše 10 ka R50 = R500

tše 15 ka R50 = R ____

tše 6 ka R50 = R ____

tše 12 ka R50 = R ____

tše 9 ka R50 = R ____

Bana ka moka mo seswantshong ba hwetsa kobo mongwe le mongwe. Na ke bana ba bokae? _____

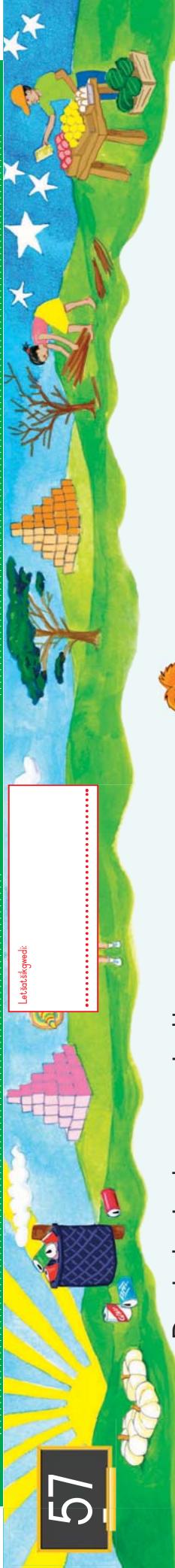
Akanya	Bala	Bapetsa

Na ke difahlego tše kae ts'a go thaba ☺ tsha basemane? _____
Na ke difahlego tše kae ts'a go thaba ☺ tsha basetsana? _____

Na go tlata seba ka se sekaakang? Šomisa khalentšara.

Baithuti ba phaposi ya Mphato wa 3 ba kgoboketša tšehelete ya go reka mapai a 4.
Ba kgoboketša R5 ka letatsi matšatši a 5 a beke.
Ba sa šaletšwe ke dibeketše tše kae gore ba kgoboketše tšehelete ya go reka dikobo?

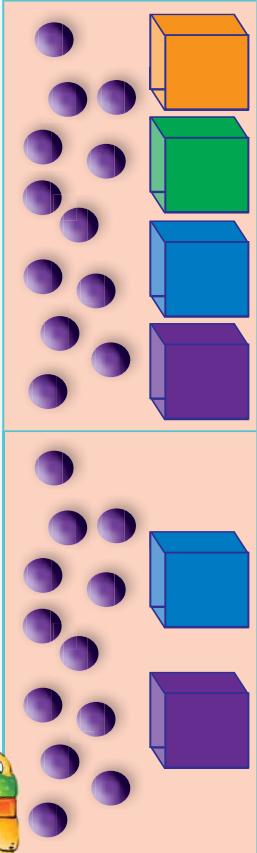




Dipalophatlo: diripagare le dikotara

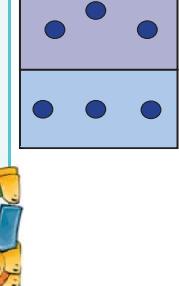


Arola dibolo ka golekana ka mapokising.



- Go na le dibolo tše kae ka lepokising le lengwe le lengwe?
- Ke palophatlo efe ye e lego ka lepokising le phephpholo?
- Ke palophatlo efe ka lepokising le lephephpholo?

Lebelela diswantšho gomme o arabe dipotsiššo.



Na o hwetša didliko tše kae qe o di bala?

Na $\frac{1}{2}$ ya didliko ke bokae?

Na $\frac{2}{2}$ ya didliko ke bokae?

Na $\frac{3}{4}$ ya didliko ke bokae?

Na $\frac{4}{4}$ ya didliko ke bokae?



Khalara seripagare ($\frac{1}{2}$) sa sebopego se sengwe le se sengwe.

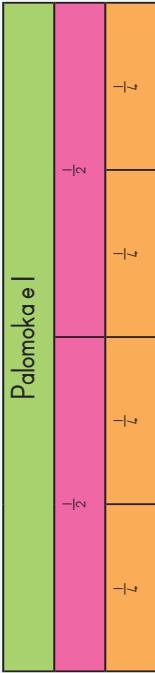
Khalara $\frac{1}{4}$ ya sebopego se sengwe le se sengwe.

Khalara $\frac{2}{4}$ ya sebopego se sengwe le se sengwe.

Khalara $\frac{3}{4}$ ya sebopego se sengwe le se sengwe.



Lebelela mesetö ya dipalophatlo.



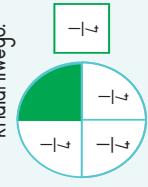
a. Ke diripagare ($\frac{1}{2}$) tše kae tše di dirago palomoka?

Ke di ($\frac{1}{4}$) tše kae tše di dirago palomoka?

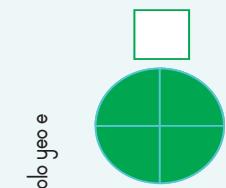
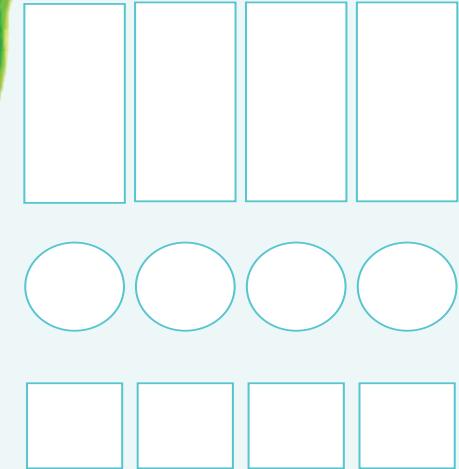
Ke di ($\frac{1}{4}$) tše kae tše di dirago seripagare?



- b. Lebelela diswantšho gomme o ngwale palophatlo boemong bija karolo yeo e khalarilwego.

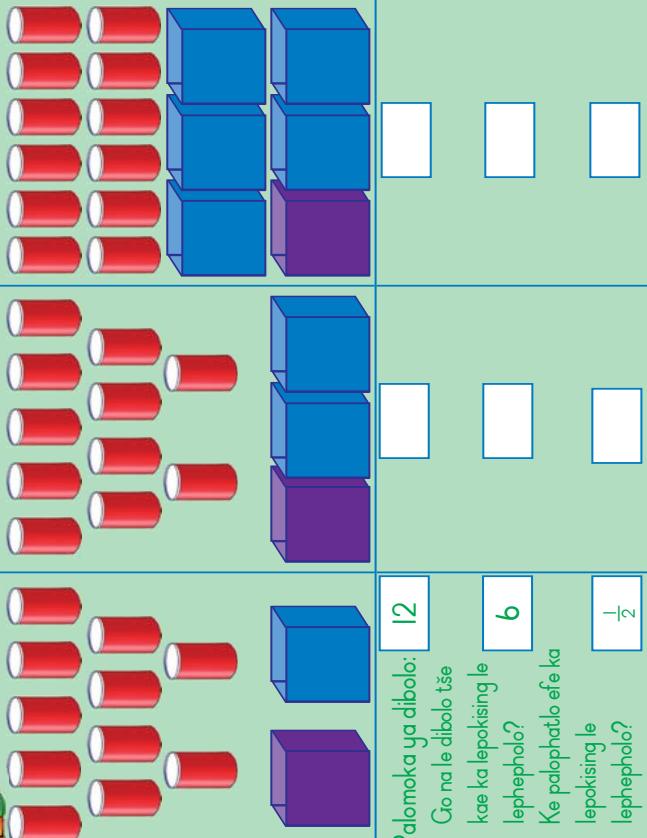


c. Palophatlo ye kgalo ke efe: $\frac{1}{2}$ gobä $\frac{1}{4}$



Dipalophato: diripagare, diteetharong le diteetsheleng

Arola ditshitswana (disilintere) ka mapokising,



Lebelela diswantsho gomme o arabe dipotšša.



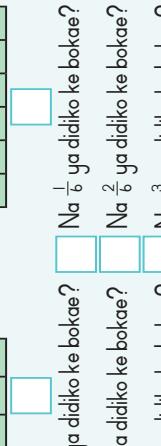
Na o hwetša didiko tše kaē ge o di bala?

Na $\frac{1}{3}$ ya didiko ke bokae? Na $\frac{1}{6}$ ya didiko ke bokae?

Na $\frac{2}{3}$ ya didiko ke bokae? Na $\frac{2}{6}$ ya didiko ke bokae?

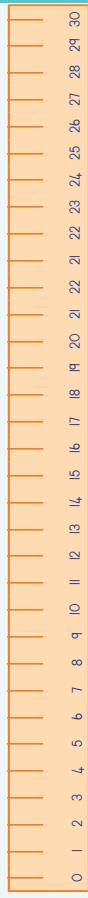
Na $\frac{3}{3}$ ya didiko ke bokae? Na $\frac{3}{6}$ ya didiko ke bokae?

Na $\frac{4}{6}$ ya didiko ke bokae? Na $\frac{5}{6}$ ya didiko ke bokae?



- Na $\frac{1}{3}$ ya didiko ke bokae? Na $\frac{1}{6}$ ya didiko ke bokae?
- Na $\frac{2}{3}$ ya didiko ke bokae? Na $\frac{2}{6}$ ya didiko ke bokae?
- Na $\frac{3}{3}$ ya didiko ke bokae? Na $\frac{3}{6}$ ya didiko ke bokae?
- Na $\frac{4}{6}$ ya didiko ke bokae? Na $\frac{5}{6}$ ya didiko ke bokae?

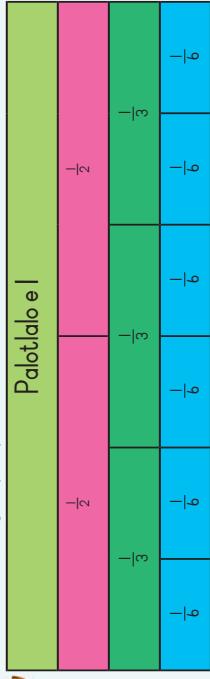
Kotara ja 2



- Bontšha seripagare sa rula. Sona ke ____ cm
- Bontšha teetharong ya rula. Yona ke ____ cm
- Bontšha teetheleng ya rula. Yona ke ____ cm



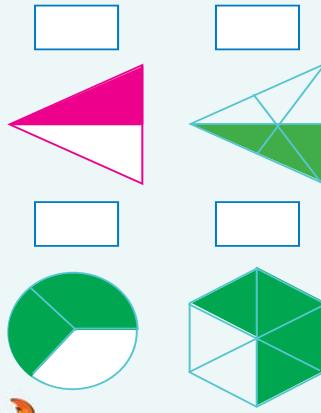
Lebelela meseto ya dipalophato. Feleletsā mafoko.



- Gao na le diripagare tše ____ ka go palotlalo.
- Gao na le diteetharong tše ____ ka go palotlalo.
- Gao na le diteetsheleng tše ____ ka go palotlalo.
- Gao na le diteetharong tše ____ ka go seripagare.
- Gao na le diteetsheleng tše ____ ka go teetharong.



Ngwala palophato seemong sa karolo ye e khalarilwego.

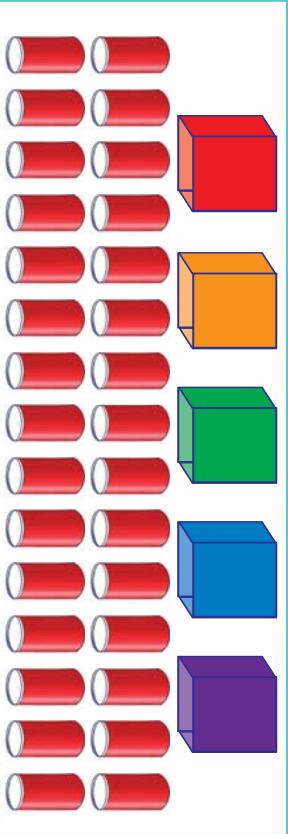


Dira sedikō palophatlong ye kgolwane.

a. <input type="checkbox"/>	$\frac{1}{2}$	$\frac{1}{3}$
b. <input type="checkbox"/>	$\frac{1}{2}$	$\frac{1}{6}$
c. <input type="checkbox"/>	$\frac{1}{2}$	$\frac{2}{6}$

Dipalophatlo: diteehlanong

Arola ditshitswana gare ga mapokisi.



- Teelhanong ya mapokisi go na le ditshitswana tše 6.
- Pedihlanong ya mapokisi go na le ditshitswana tše .
- Tharohlanong ya mapokisi go na le ditshitswana tše .
- Nhehlhanong ya mapokisi go na le ditshitswana tše .
- Ka go hanohlanong ya mapokisi go na le ditshitswana tše .



Lebelela seswantšho gomme o arabe dipotššo.

Go na le ditshokolete tše kae ka le pokising?

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

- Ka letšatsila ka jele $\frac{1}{5}$ ya ditshokolete gape. Go šetše ditshokolete tše kae?



a.



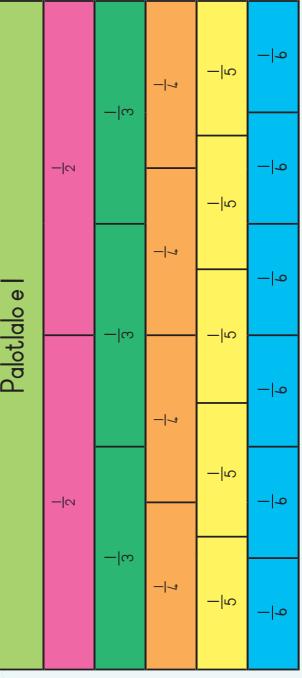
Kotara ya 2

Khalara $\frac{1}{5}$ ya rula.

a.



Lebelela dipalophatlo tsha meseto gomme o arabe dipotššo.

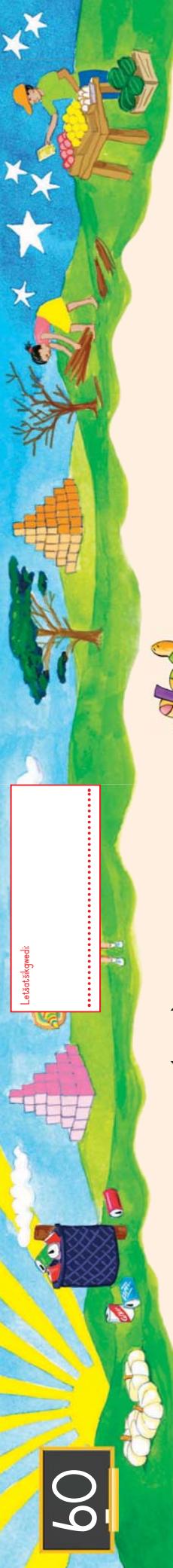


Dira sediko go kgolwane gobá go myanenneyane

- a. Seripagare ($\frac{1}{2}$) ke se segolo go **feta** / se sennyané go feta $\frac{1}{4}$.
- b. $\frac{1}{3}$ ke yø kgolo go feta / yø myané go feta $\frac{1}{2}$.
- c. $\frac{1}{5}$ ke yø kgolo go feta / yø myané go feta $\frac{1}{6}$.
- d. $\frac{1}{6}$ ke yø kgolo go feta / yø myané go feta $\frac{1}{3}$.
- e. $\frac{3}{6}$ ke yø kgolo go feta / yø myané go feta $\frac{2}{5}$.

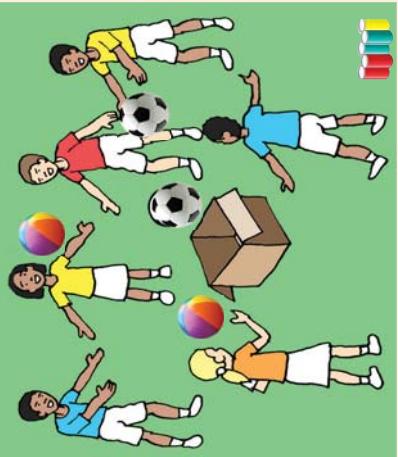
- Ka letšatsila ka jele $\frac{1}{5}$ ya ditshokolete gape. Go šetše ditshokolete tše kae?





bO

Dilo tša mahlakoretharo (3-D)



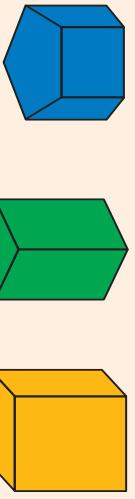
Bala napokisi (diprisimo).
Bala dibolo (dikgoko).
Bala silintere



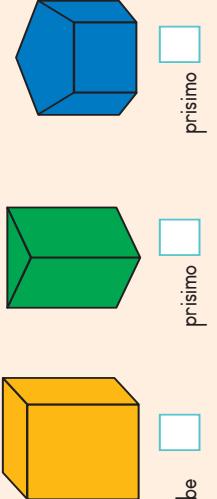
Kotara ja 2

A ke ona mapokisi ka mafaka.

Šomisa matlakala a disegwa 3 le 4 go di dira.



Bopapetla bijo bangwe le bijo bangwe bo bitšwa bokagodimo. Mamaretsa sefahlego sa go myemyla bokagodimong bija le pokisi le lengwe le le lengwe.



kube prisimo prisimo



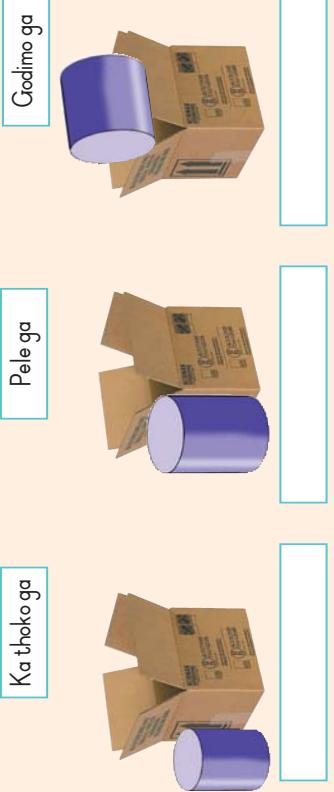
Na mahlakore a prisimo ke a bophara goba a modikelela?

Bjale, dira silintere go tšwa go letšakalsegwa la 4.

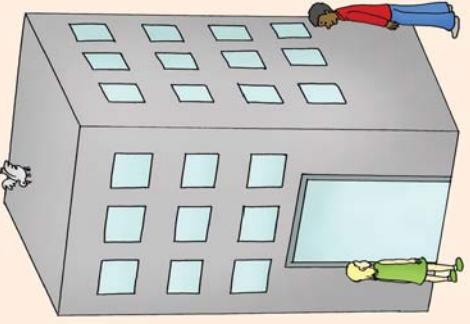
Na mahlakore a silintere ke a bophara goba a modikelela?

Šomisa dillo tša gago o dire tše di latelago:

Hlaloša boemo bija silintere o šomisa mantšu a:



Šomisa mantšu a a mo tlase o feleletše mafoko

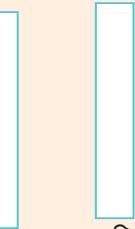


Mosetsana o lebelala ya maago.

Monna o lebelala ya maago.

Nonyana e lebelala ya maago.

mathoko pele ka godimo



6

Pedifatšwa le seripagare

Na o a gopola?

2 ke seripagare sa 4

20 ke seripagare sa 40

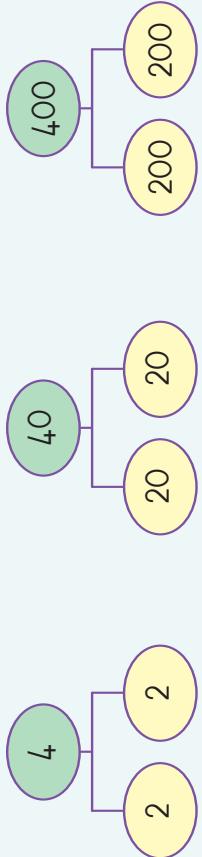
200 ke seripagare sa 400

4 ke 2 gabedi

40 ke 20 gabedi

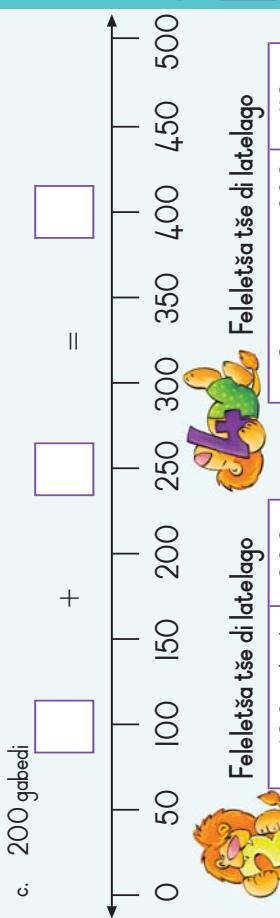
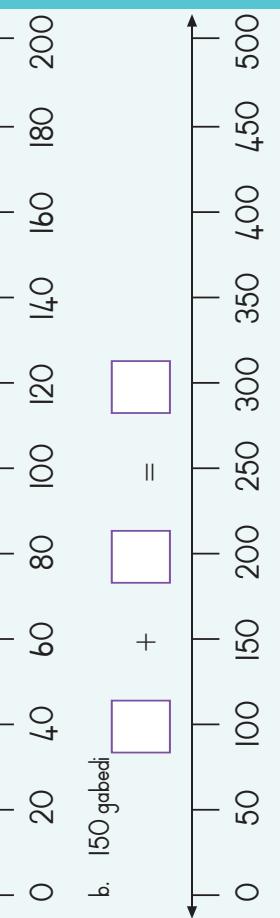
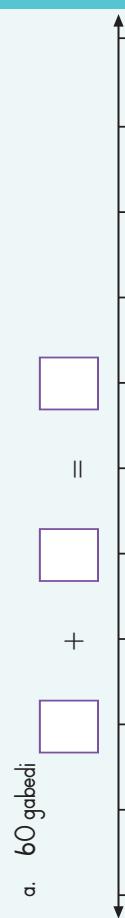
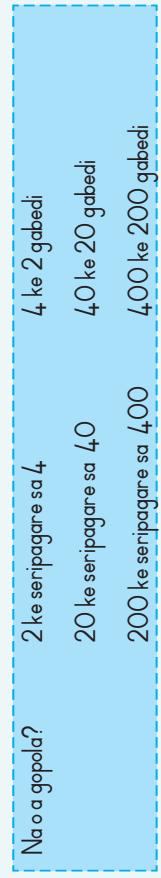
400 ke 200 gabedi

Re ka laetša se mo go set halwa ...



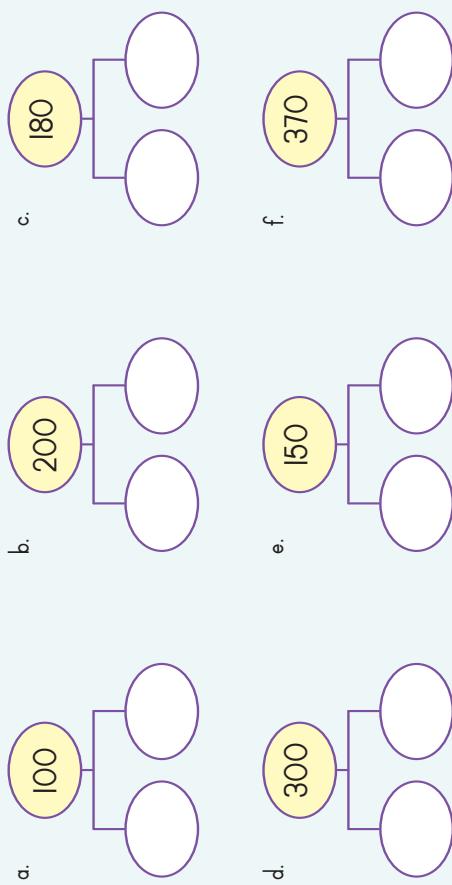
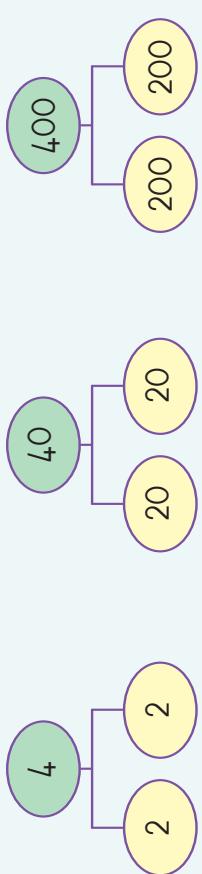
Kotara ja 2

Pedifatša nomoro ka go šomiša mothal opalo.
O filwe mohlala wa matħomo.



- Feleletša tše di latelago**
- a. Seripagare sa 220
 - b. Seripagare sa 180
 - c. Seripagare sa 260
 - d. Seripagare sa 60
 - e. Seripagare sa 320

- Feleletša tše di latelago**
- a. 100 gabedi
 - b. 150 gabedi
 - c. 120 gabedi
 - d. 200 gabedi
 - e. 170 gabedi

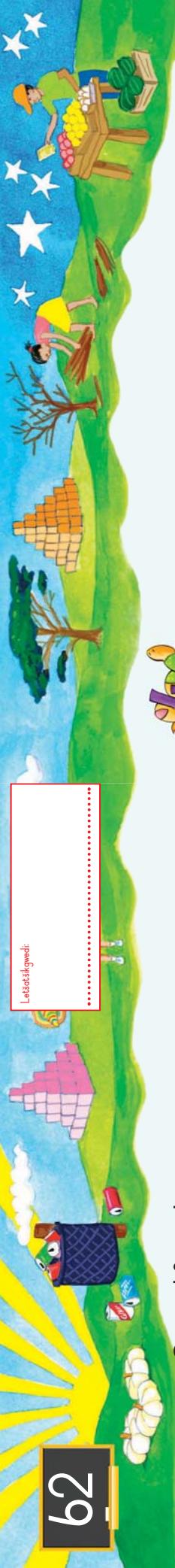


11 12 13 14 15 16 17 18 19 10

- Feleletša tše di latelago**
- a. Seripagare sa 220
 - b. Seripagare sa 180
 - c. Seripagare sa 260
 - d. Seripagare sa 60
 - e. Seripagare sa 320

- Feleletša tše di latelago**
- a. 100 gabedi
 - b. 150 gabedi
 - c. 120 gabedi
 - d. 200 gabedi
 - e. 170 gabedi

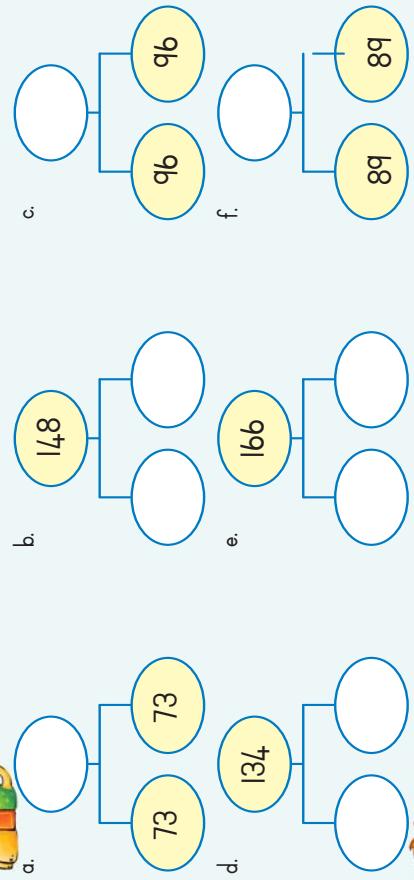
11 12 13 14 15 16 17 18 19 20



b2

Gro pedifatša le go ripa gare gape

Hwetša dipedifatšwa le dinipagare



Boloka tšelete ya go reka paesekela

Reabetswe o boloka R25 ka béké go reka paesekela.
Na o swanetše go boloka dibéke tše kae?

Kandao: dibéke

Di a rekišwa

Dilo ka mokadi rekišwa ka theko yeo e fokoditšwego ka seripagare. Ngwala theko yeo e fokoditšwego kgauwi le serekiswa.

- a. Dikobo R190
Thekofase ya _____
b. Mesamele R54
Thekofase ya _____
c. Ditulo R220
Thekofase ya _____

Kotara ja 2

Na ke diranta tše kae?

Tšehego o nyaka gempe. O swere fela seripagare sa tšelete.

R135
Na o sa nyaka bokae? R _____

R78,50
Dietta tše Rati di nyaka tšelete ya go feta ye gabedi. R _____

R97
Na dietta tše Rati di rekišwa ka bokae? R _____

Roko ya Boati e pedifatša theko ye.
Na roko ya Boati ke bokae? R _____



Na gotsena eng? Gro tše eng?

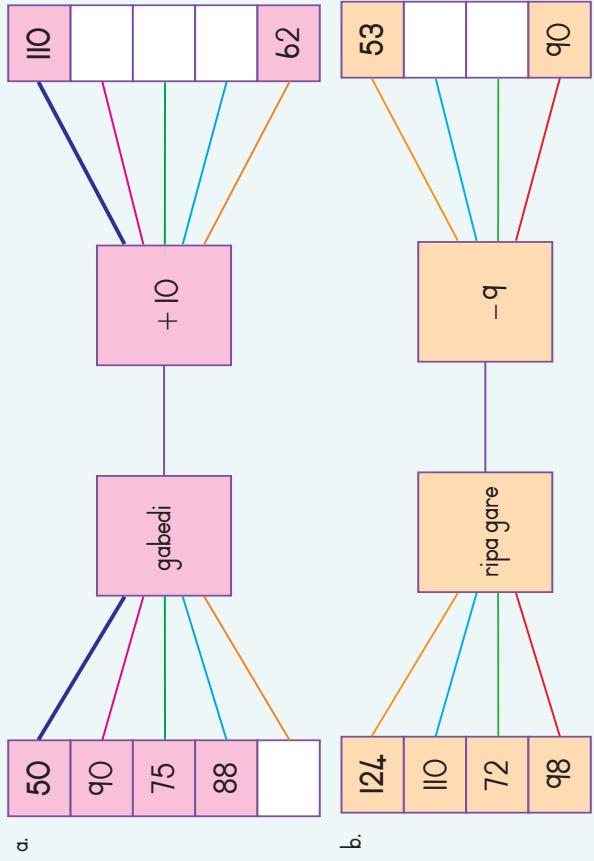
Latela mohlala. Ngwala dinomoro tše di tlogetšwego.

Thekofase R450

Seripagare sa theko e be e le
R900

Dilo ka mokadi rekišwa ka theko yeo e fokoditšwego ka seripagare. Ngwala theko yeo e fokoditšwego kgauwi le serekiswa.

- a. Maldane R154
Thekofase ya _____
b. Ditulo R220
Thekofase ya _____
c. Mesamele R54
Thekofase ya _____

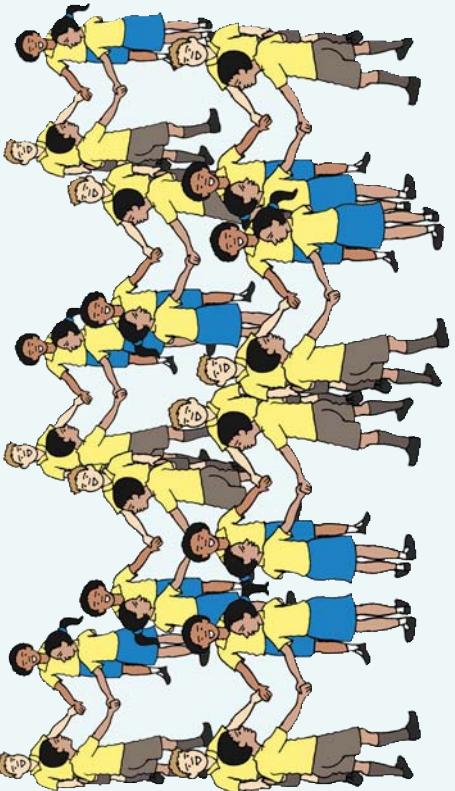


11 12 13 14 15 16 17 18 19 20

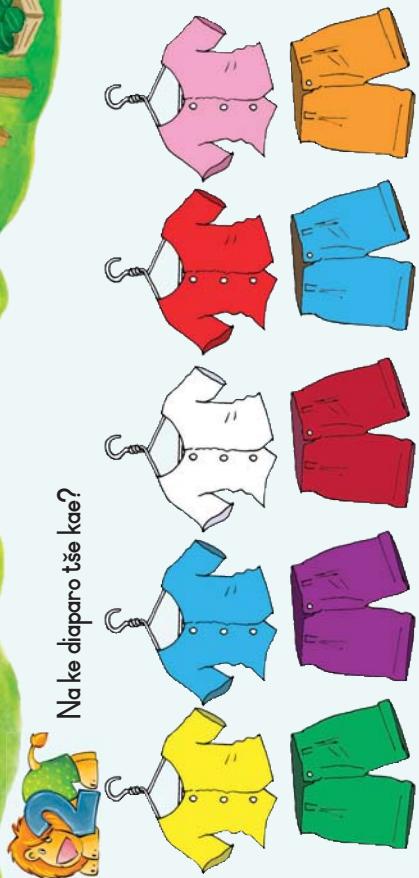
Hlopha o kopanye

Go hlopha bana

Mai. Makgabudi onyaka go arola phapoši ka dhlhophatša polo ya go lekana tša go raloka diapapadi tša kuanile. O thomile ka go bea dhlhophatša ka diapane tše 4.



Na ke diaparo tše kae?



Thati o na le digempē tše 5 tša mebalabala le dišothi tše 5
tša mebalabala.

Mohlala: Gempē ye talderata/šothi ye taladerata. Gempē ye taladerata/šothi ya mmala wa namune.

Ngwala tlhaka ya mathomo ya mmala wo mongwe le wo mongwe. Laetša diphere tša diaparo tše dingwe tše a ka di dirago.

- Na ke bana ba bakae ka gare ga sehlopa se tee?
- No o dira dhlhophatša kae?
- Laetša ditselela tše dingwe tše di ka hlhophiwago ka gona tša ba dihlopa tša go lekana.

Lekola. Bapetša.
Phošola.

Akanuj: Ge eba Thati o na le digempē le dišothi tše bōtša mebalala ya go ſapana?

Na a ka dira diaparo tše kae?

Lekola. Bapetša.
Phošola.



Lethabo la Mmetse

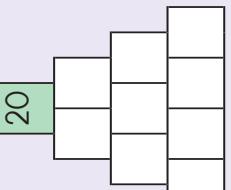
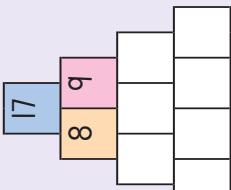
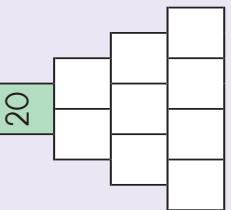
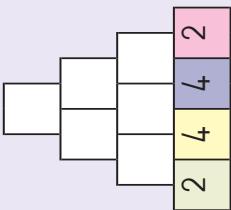
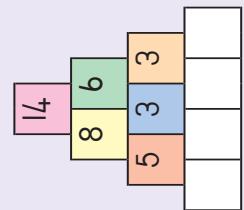
Lebelela molao

Šomisa molao gore o hwetše dinomoro tše ditlogetšwego.

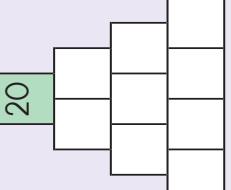
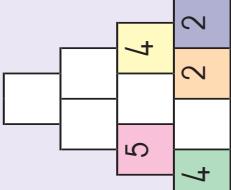
Gohwetsha dinomoro

Kotara ja 2

b4



Bjale dira tše



Aga ga ya go 20 ka mekgwaye 3 ye e fapanego



Tlaha

Ake o no bonai!

Šomisa dinomoro 1, 2, 3, 4, 5.
Dinomoro tše 3 mothalong wo mongwe le wo mongwe di swanetše go dira 10 gę di kopana.

Molao: Šomisa nomoro ye nngwe le ye nngwe gatee felā.

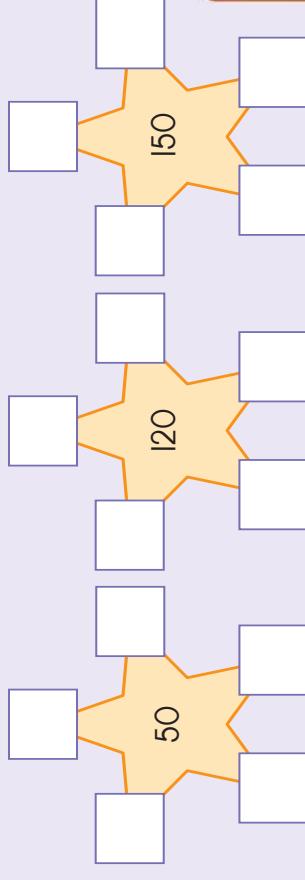
a. Molawana: Dinomoro mothalong wo mongwe le wo mongwe ge di tlakana di dira 16.

2	5	3	6

b. Molawana: Dinomoro tše 3, tsę di putlago methalo gape di theogal le tlakholomo di dira palomoka ya go swana.

2	7	6	21
q		1	
	3	8	10

c. Molawana: Ngwala dinomoro dife goba difet tše tlano tše o ge di tlakana di dira go palo ya gare ka gare ga naledi.



11 12 13 14 15 16 17 18 19 20

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

