

Go ithuta Molaotheo wa Repabliki ya Afrika Borwa (1996)

Molaotheo wa Afrika Borwa o swere melao ya maemo a godimo a naga ya Afrika Borwa. Melao ye e godimo ka maemo, go feta a mopresidente, a godimo ga dikgorotsheko tša godimo gape a ka godimo ga a mmušo.

Melao ye e lego Molaotheong wa naga, e hlaloša ka mokgwa wo batho ba swanetšego go swarana ka gona, gape le gore ba na le ditokelo dife le maikarabelo afe kgahlanong le batho ba bangwe. Molaotheo wa naga o swanetše go re šireletša ka moka gona bjale, o be o tle o šireletše bana ba rena ka moso.

Re se lebale mo re tšwago.	**Re se ke ra bušeletša diphošo tša moo re tšwago.**	**Molaotheo wa rena o re thuša go akanya le go aga bokamoso bjo bokaone bja rena ka moka.**

Rena, batho ba Afrika Borwa;

Re elelwa ditlhokatoka tša rena tša maloba;

Re hlompha bao ba ilego ba hlokofaletšwa toka le tokologo nageng ya gaborena;

Re hlompha bao ba ilego ba katanela go aga le go hlabolla naga ya gaborena; ebile

Re dumela gore Afrika Borwa ke ya batho bohle ba ba dulago go yona;
re le ngata e tee le ge re fapana ka ditšo.

Ka fao, ka baemedi ba rena bao ba kgethilwego ntle le kgapeletšo,
re amogela molaotheo wo bjalo ka molaomogolo wa Repabliki gore re tlo—

Fodiša diphapano tša kgale mme re bope setšhaba seo se theilwego godimo ga dikelo tša temokrasi, toka setšhabeng le ditokelomotheo tša batho;

Aga motheo wa setšhaba se se lokologilego sa temokrasi moo mmušo o theilwego godimo ga thato ya batho gomme moagi yo mongwe le yo mongwe a šireleditšwego ke molao;

Kaonafatša khwalithi ya bophelo bja baagi ka moka le go lokolla bomakgoni bja motho yo mongwe le yo mongwe; le go

Aga Afrika Borwa ye e kopanego ya temokrasi yeo e ka kgonago go tšea maemo a yona a maswanedi bjalo ka setšhaba se se ikemetšego ka noši ditšhabeng tša lefase ka bophara.



Nyaka ditokelo tša gago bjalo ka Moafrika Borwa gomme o be le maikarabelo a go šireletša ditokelo tša ba bangwe.	**Tseba molao wa ditokelo tša gago le Molao wa Maikarabelo.**

E ke Morena a ka boloka setšhaba sa gešo.
Nkosi Sikelel' iAfrika. Morena boloka setjhaba sa heso.
God seën Suid-Afrika. God bless South Africa.
Mudzimu fhatutshedza Afurika. Hosi katekisa Afrika.

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1 2 3 4

DIPALO KA SEPEDI – Mphato wa 3 Puku ya 1

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Mphato wa 3

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DIPALO KA SEPEDI

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Mdi Angie Motshekga,
Tona ya Thuto ya Motheo



Mna Enver Surty,
Motlatša-Tona ya Thuto
ya Motheo

Dipukutšhomo 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 maikemišetšo a yona e lego go kaonafatša mošomo wa barutwana ba Afrika Borwa bao ba lego mephatong ye tshela ya mathomo. Projeke ye, bjalo ka ge e le ye nngwe ya dinepokgolo tša Dithulaganyo tša go Diragatša tša Mmušo, e kgonne go diragala ka thekgo ya mašeleng a go tšwa, ka ntle le go kgokgona go Sešegotlotlo sa Bosetšhaba. Se se kgontšhitše Kgoro go dira dipukutšhomo 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 hlahle 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 tšhomišo ya dipukutšhomo tše.



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Mphato wa 3

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Mmetse KA SEPEDI

Puku ye ke ya:

_____



SEPEDI

Puku ya 1

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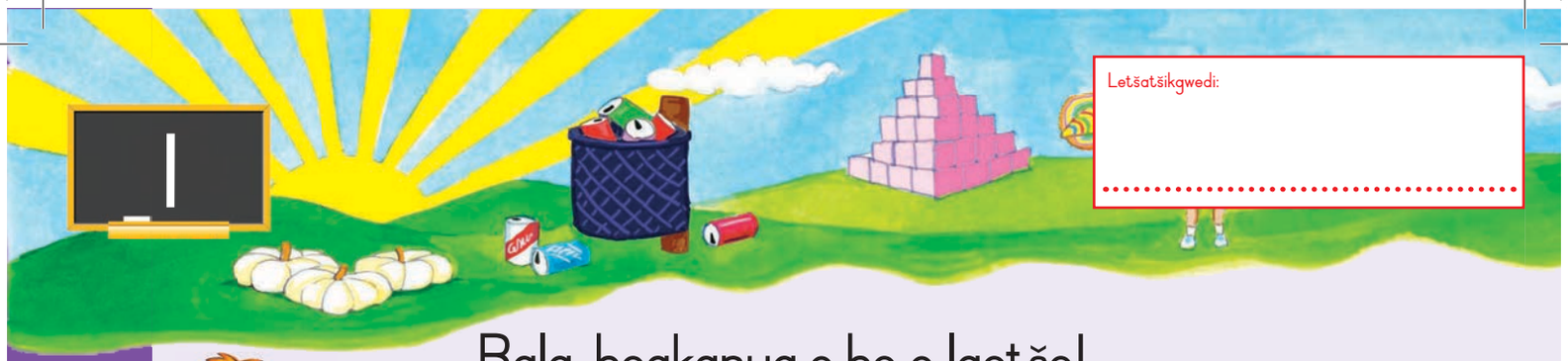


Letšatšikgwedi:

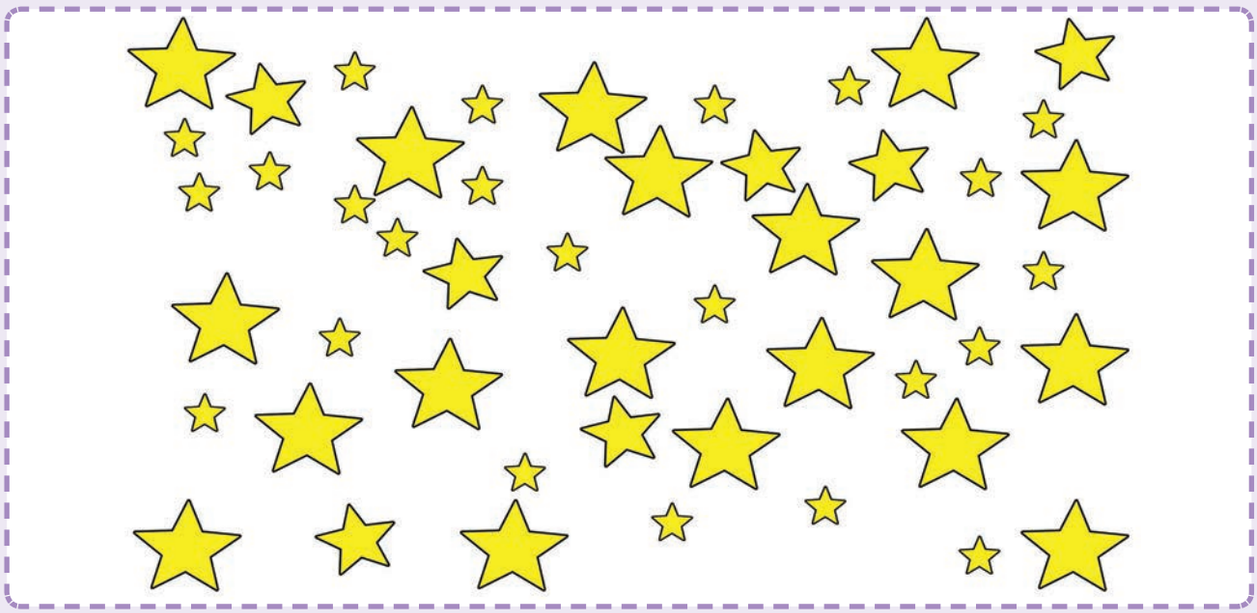
.....

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				



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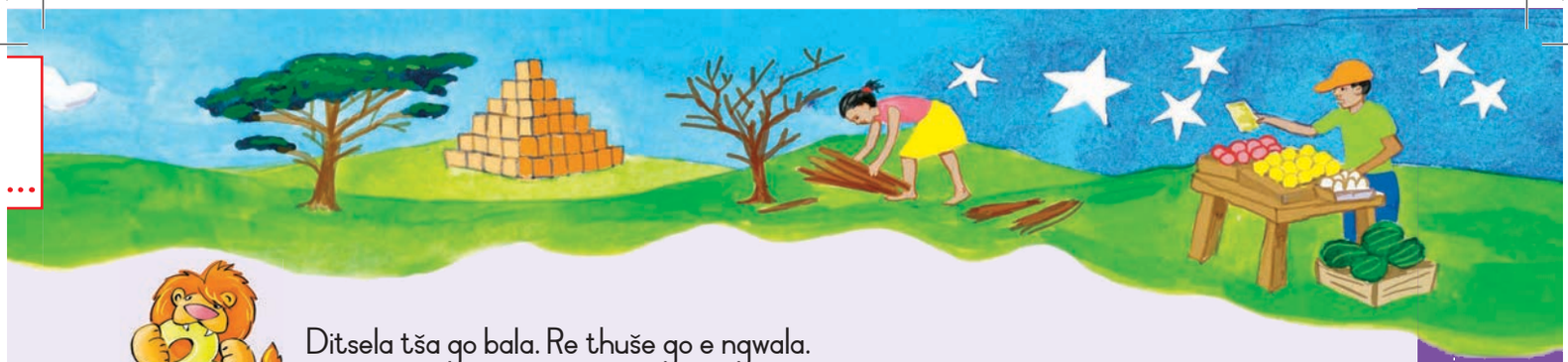
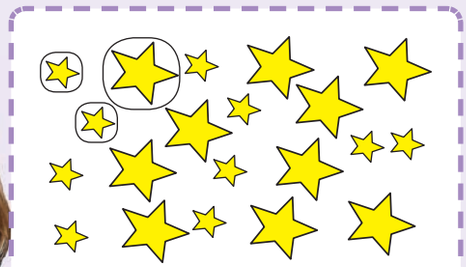


Ditsela tša go bala. Re thuše go e ngwala.



Ke badile ka di 1.



1, 2, 3, _____

_____



2, _____

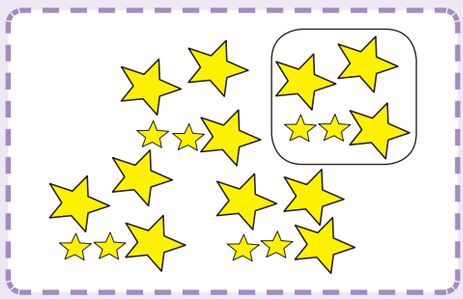
_____



Ke badile ka di 2.

Ke badile ka di 5





5, _____

_____



_____

_____



Ke badile ka di 10



Ngwala mafokopalo

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

Ngwala mafoko a mabedi go fa palomoka ya dinaledi tše kgolo le tše nnyane mo seswantšhong sa mo go letlakala la 2.
Di ngwale ka mekgwa ye mebedi.

Kgolo Nnyane Bjalo ka ye:




+ = _____

goba

Bjalo ka ye:




+ = _____

Gape bjalo ka lefokopalo.

_____ + _____ = _____ *goba* _____ + _____ = _____

Teacher:
Sign:
Date:

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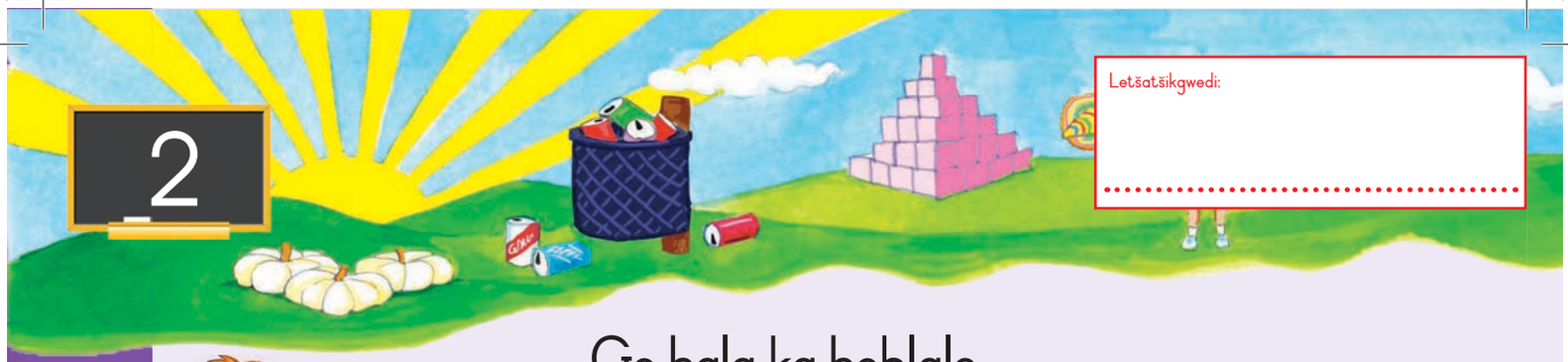


Letšatšikgwedi:

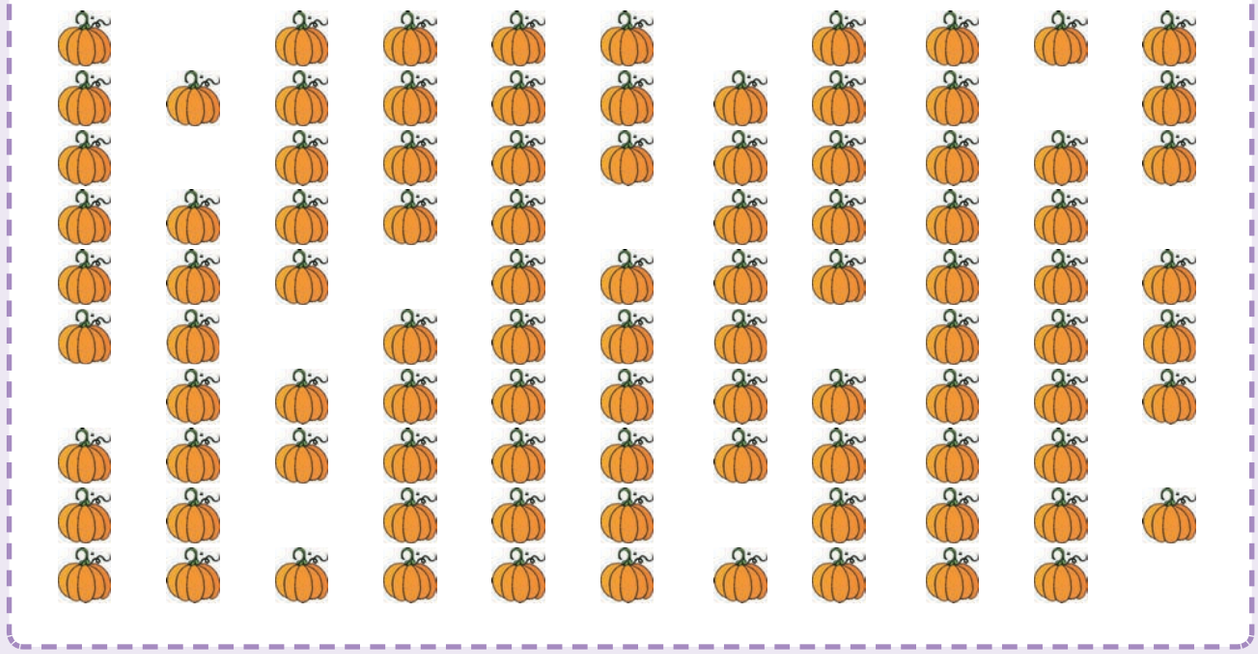
.....

Go bala ka bohlale



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?

_____



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Go tloga ka + go fihla ka × (go hlakanya le go atiša)

Feleletša mafokopalo.

Mohlala:
10 + 10 + 10 + 10 = 40 ⟹ di 4 tše 10 = 40 ⟹ 4 × 10 = 40



a. 10 + 10 + 10 = _____

_____ dihlopha tša 10 = _____ ⟹ _____ × _____ = _____



b. 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 = _____

_____ dihlopha tša 10 = _____ ⟹ _____ × _____ = _____

Diatla le menwana



Na ke diatla tše kae? _____ Na ke menwana ye mekae? _____

Ngwala dikarabo tša gago ka ditsela tše 2.

_____ dihlopha tše 10 ke = _____ le _____ × 10 = _____

Teacher:
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Date:

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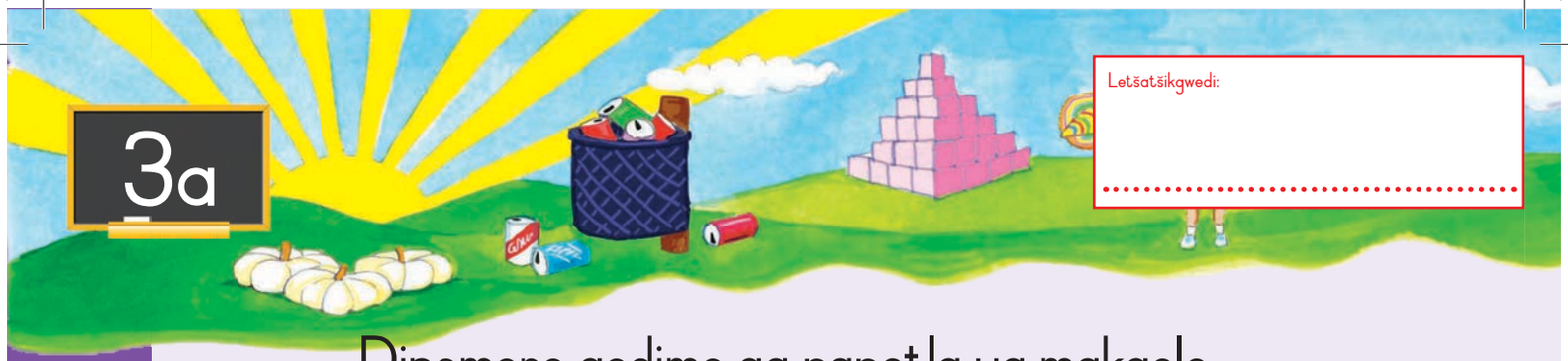

3a

Letšatšikgwedi:

.....

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.



1	2	3	4	5	6		8	9	10
11									
						27			
			34						40
41									
				55					
		63							
71									
					86				
			94						100

a. Ngwala nomoro yeo e sego gona ka gare ga poloko ye nngwe le ye nngwe ye talalerata.

b. Ngwala dinomoro tše dingwe.

c. Dinomoro tše serolane ke tša mohuta mang?



Ngwala dinomoro tše ka mantšu.

90	Iesomesenyane	41	
77		56	
14		65	

1 2 3 4 5 6 7 8 9 10

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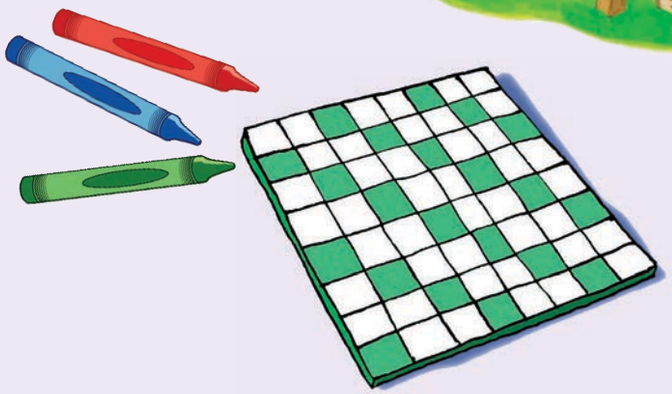
Go bala le go khalara



Itokišetše go khalara!

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

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

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

Bala o be o hlophe di-10.	Bala o be o hlophe di-5 go tloga go 0 – 100.	Bala o be o hlophe di-2.
Bala ka di-10 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-10 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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Date:

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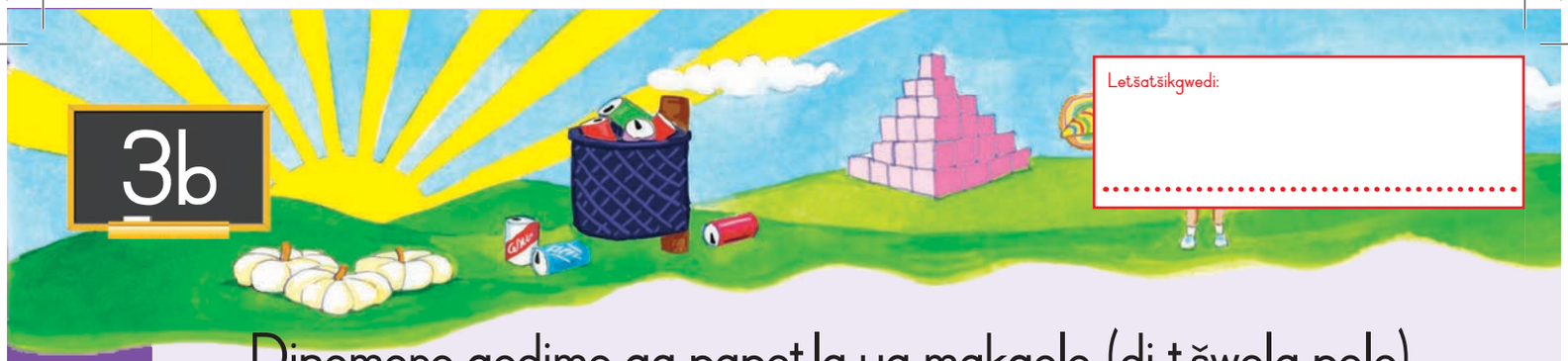


3b

Letšatšikgwedi:

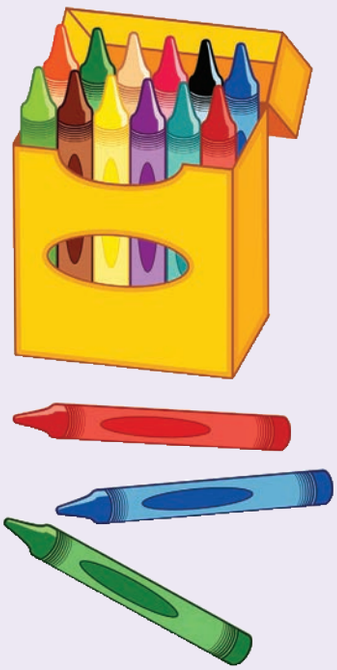
.....

Dinomoro godimo ga papetla ya makgolo (di tšwela pele)



Go nyaka dipatrone

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



Swaya di-10 ka moka.	Swaya di-5 ka moka.	Swaya di-2 ka moka.

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

_____

_____

_____

_____

1 2 3 4 5 6 7 8 9 10

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Go bala ka dipatrone

Ngwala dinomoro tšeo 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

Teacher:

Sign:

Date:

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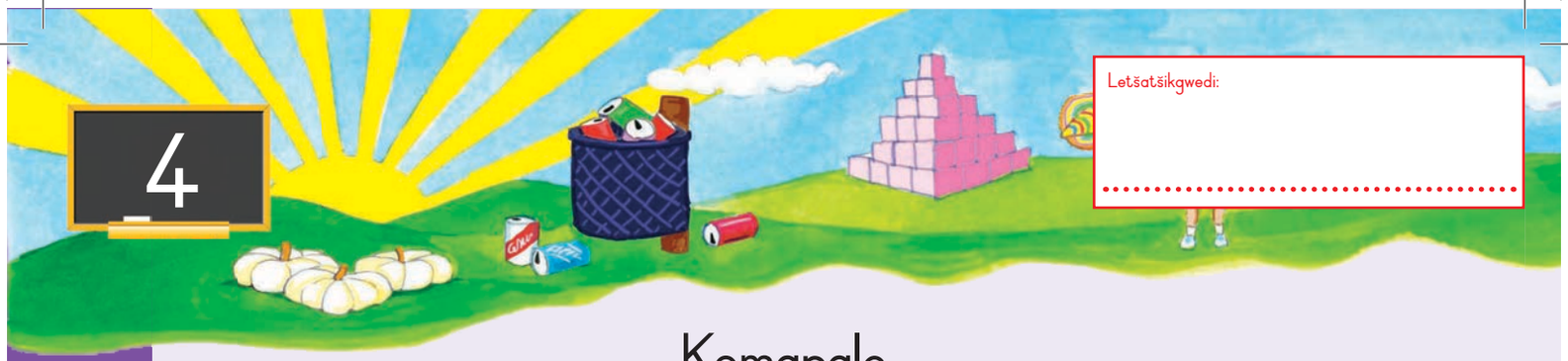


Letšatšikgwedi:

.....

Kemapalo

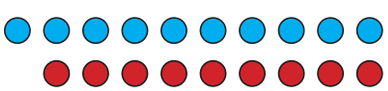


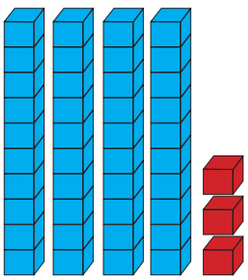
Go laetša dinomoro tša gago

Ntšha dikarata tša dinomoro go tšwa lephepheng la disegwa la I.
Šomiša dikarata go hlama dinomoro tše.

19 43 69 54 35 I O 9



19  I O 9 10 + 9 = 19

43  I O I O I O I O 3 40 + 3 = 43

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

54

35

69

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Go ngwala dinomoro tše

Re go diretše ya mathomo.

Gape re ka re di-1 tše 9

19	10 + 9	lesome le di-1 tše 9	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.

_____; _____; _____; _____; _____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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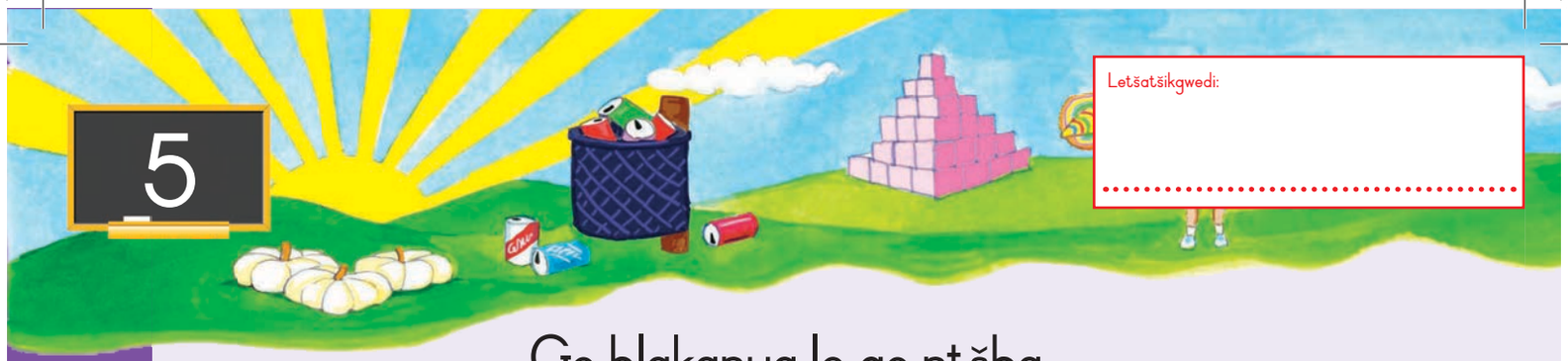

5

Letšatšikgwedi:

.....

Go hlakanya le go ntšha



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

Šomiša . . .
+ – =

10 + 5 = ☐	11 + 6 = ☐	14 – 9 = ☐	14 – 8 = ☐
11 + 5 = ☐	17 + 2 = ☐	19 – 7 = ☐	14 – 5 = ☐
12 + 6 = ☐	3 + 13 = ☐	16 – 5 = ☐	16 – 13 = ☐
17 + 2 = ☐	4 + 15 = ☐	15 – 10 = ☐	19 – 7 = ☐



Dipalo tša go sepelelana

5 9 14

Mehlala ya meloko ye ya dinomoro še:

9 + 5 = 14	5 + 9 = 14
14 – 9 = 5	14 – 5 = 9

1 2 3 4 5 6 7 8 9 10

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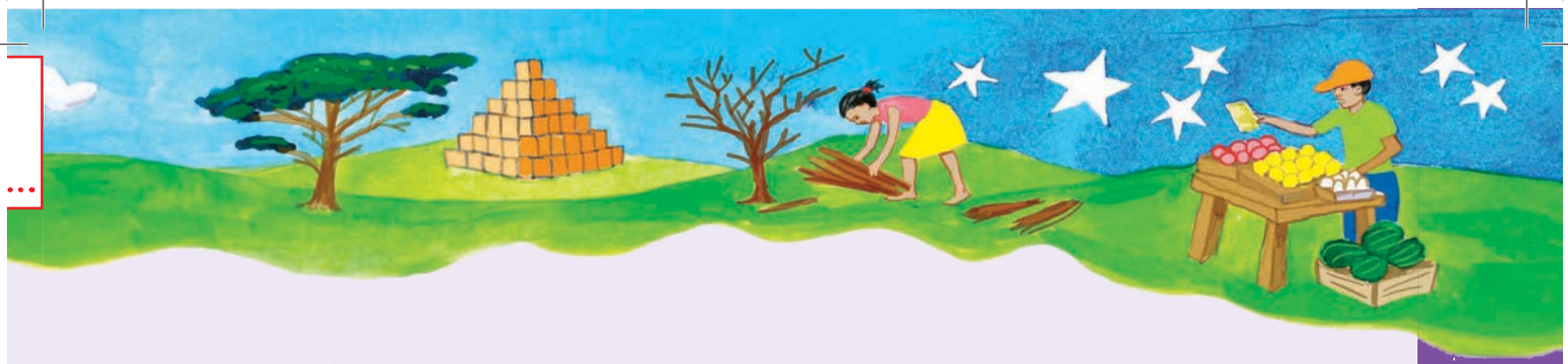


Na o kgona go bona dipalo ka moka tša go sepelelana le 14?

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



Ke ile go dira bjalo le ka 12.

12

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

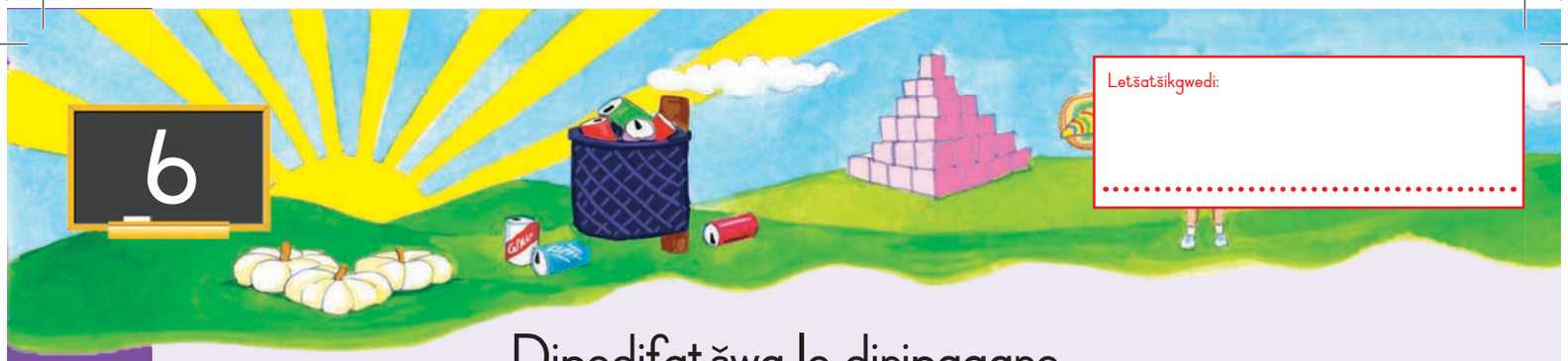
Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

SEP NUM G3 B1 9781431500093.indb 13 2014/05/05 1:39 PM



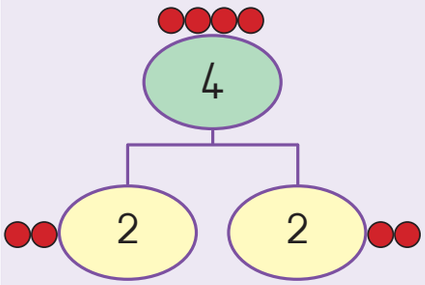
Letšatšikgwedi:

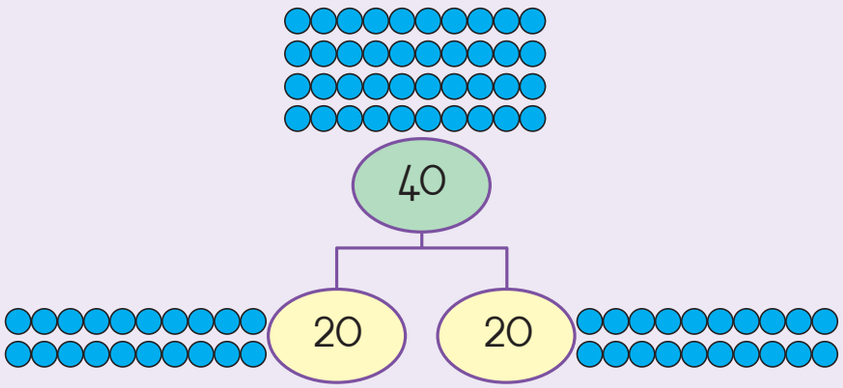
Dipedifatšwa le diripagare

Na o a gopola?

2 gabedi ke 4 | 20 gabedi ke 40 | 4 ke 2 gabedi | 40 ke 20 gabedi

Re ka laetša se ka sethalwa

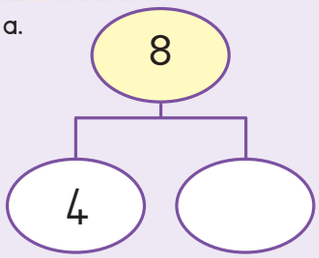




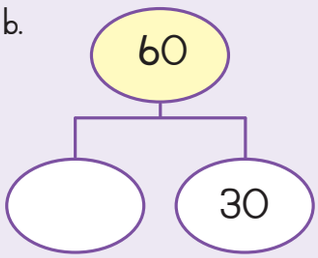


Go hwetša dipedifatšwa goba diripagare

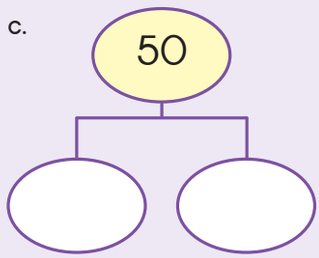
a.



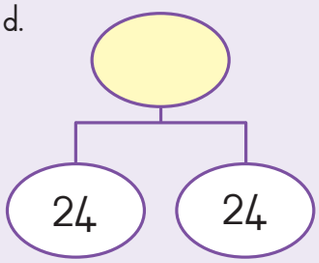
b.



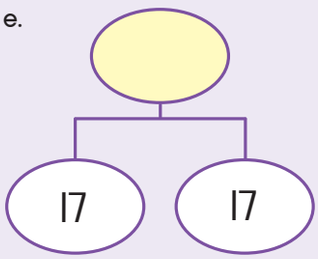
c.



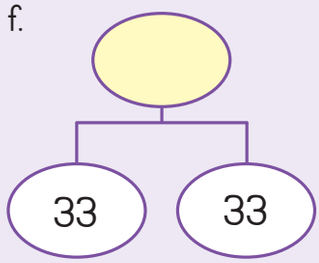
d.



e.



f.





Tlhohlo

Hwetša seripagare sa 3.

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



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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

___ + ___ = ___





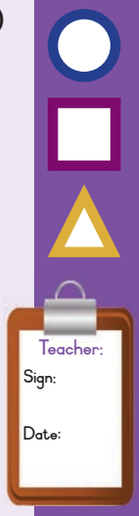
Feleletša tše di latelago

a. 1 gabedi	2
b. 6 gabedi	
c. 10 gabedi	
d. 30 gabedi	
e. 50 gabedi	



Feleletša tše di latelago

a. Seripagare sa 6	3
b. Seripagare sa 8	
c. Seripagare sa 14	
d. Seripagare sa 60	
e. Seripagare sa 70	



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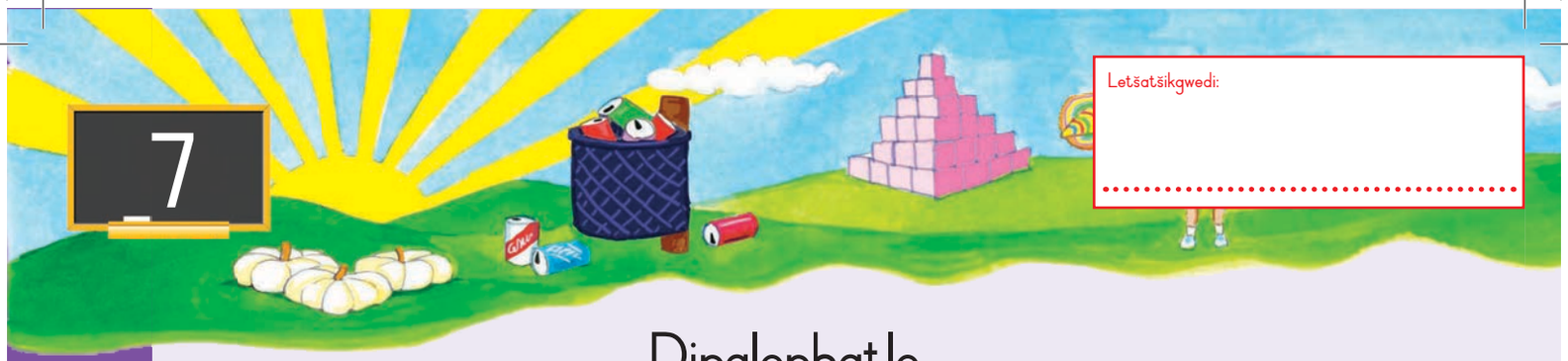


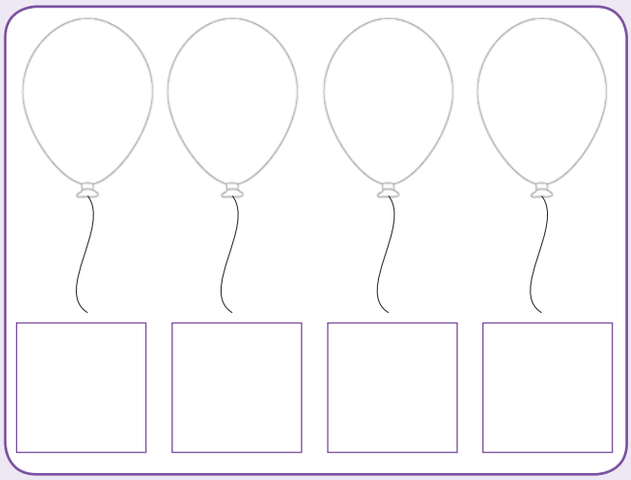
Letšatšikgwedi:

.....

Dipalophatlo

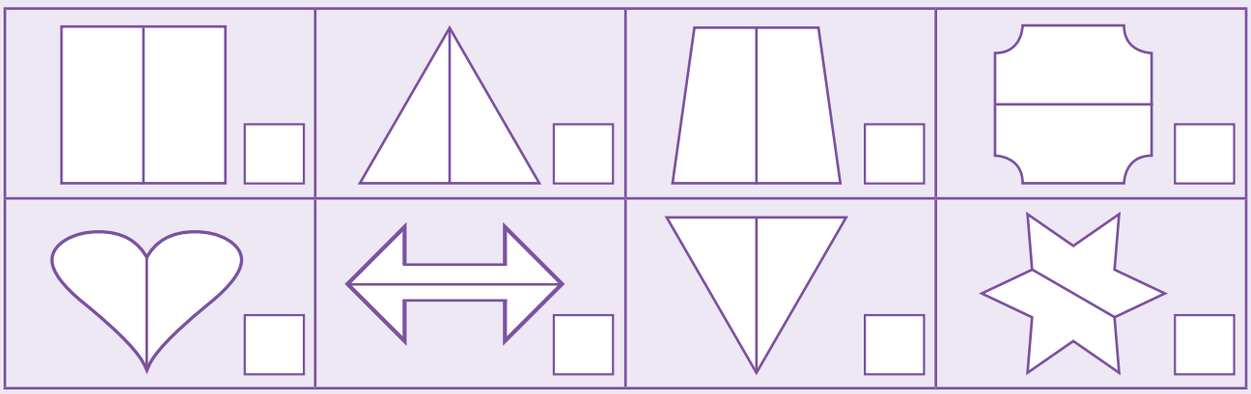
Khalara kotara ya dipalune ka bohubedu, tše dingwe ka botalalerata.

Khalara seripagare sa lepokisi ka bohubedu.





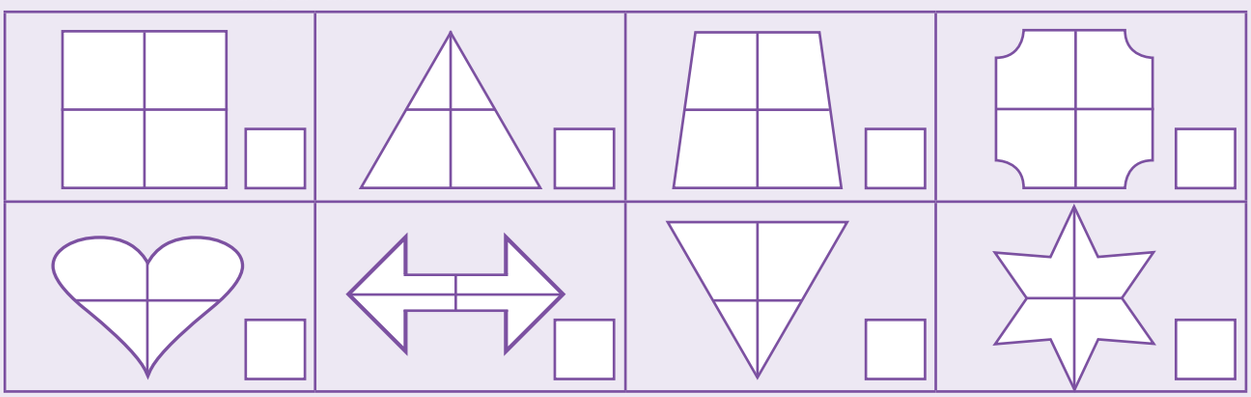
Lebelela seswantšho. Swaya dibopego tše di laetšago diripagare. Khalara seripagare se tee sa sebopego se sengwe le se sengwe se se arotšwego ka diripagare.





Lebelela dibopego. Swaya dibopego tše di laetšago dikotara.

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



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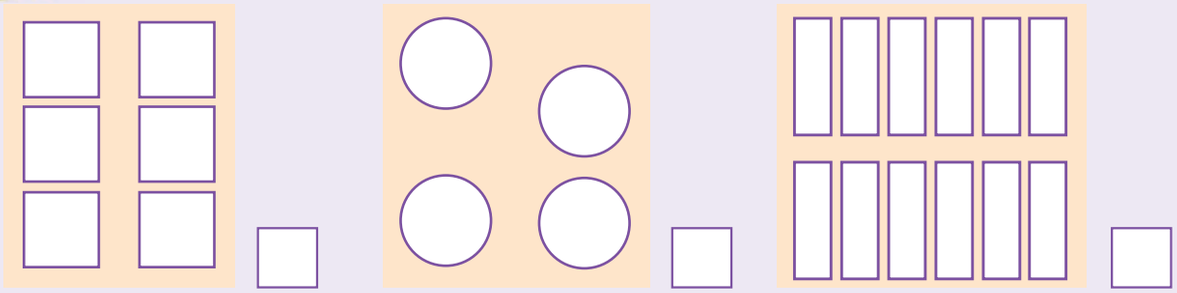
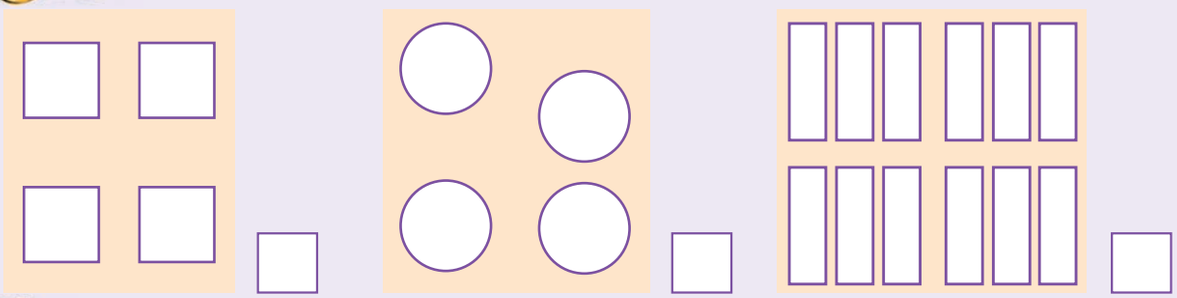
Khalara seripagare sa dibopego. Na seripagare sa palo ya dibopego ke eng?





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



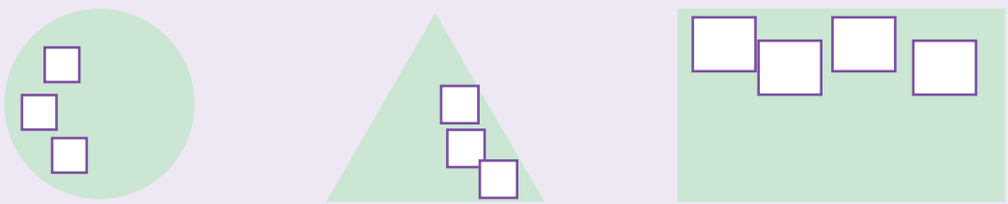


Ngwala karabo ka seka sa palophatlo.

seripagare ☐ kotara ☐

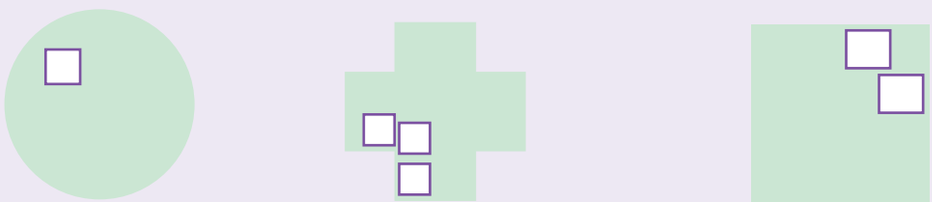


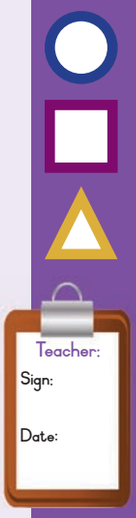
Thala dibopego tše dingwe gape o dire gore diripagare di lekane.





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





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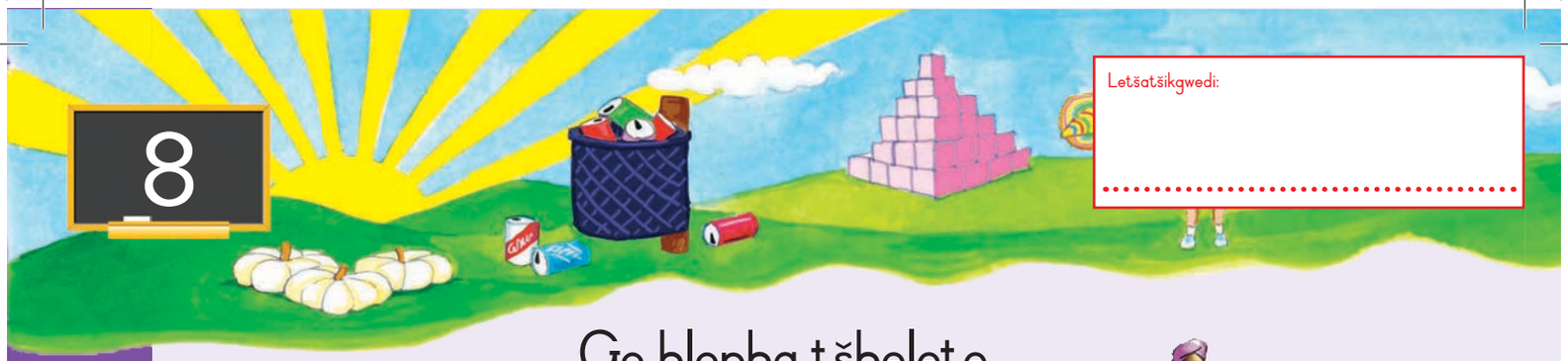

Letšatšikgwedi:

.....

Go hlopha tšhelete



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.

_____ _____ _____



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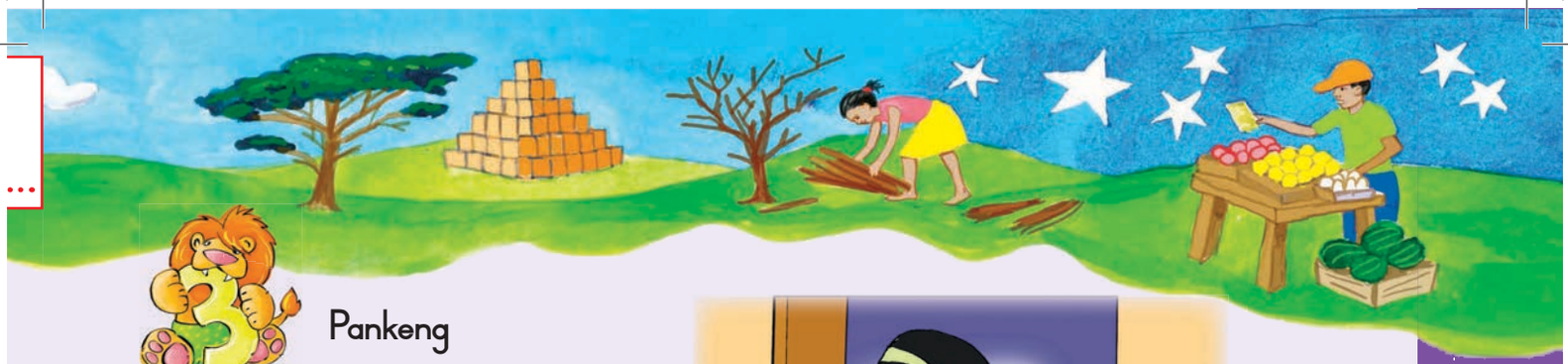


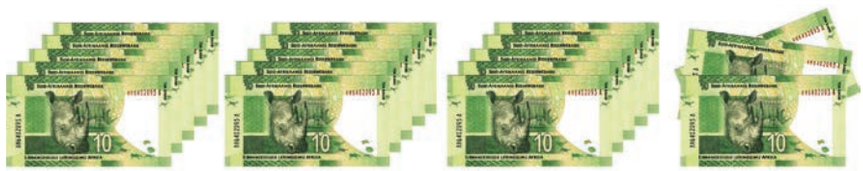
Pankeng

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

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

Ngwala palomoka ya seswantšho se sengwe le se sengwe.



	Palomoka
	R_____
	R_____
	R_____

Tlhohlo

Leeto la serapeng sa diphoofolo

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

Ba reka dithekethe tša R90.

Na ke bana ba bakae? _____

Na ke batho ba bakae ba bagolo? _____

Na go na le karabo ye nngwe?

Batho ba bagolo _____ Bana _____



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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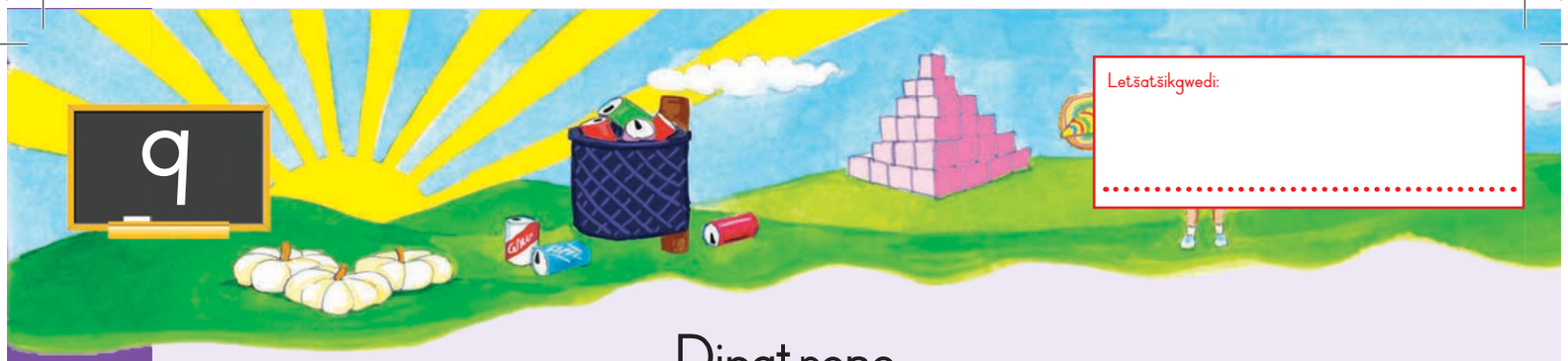

Letšatšikgwedi:

.....

Dipatrone



Šomiša papetla ye ya dinomoro tša 200 go araba dipotšišo.

I	2	3	4	5	6	7	8	9	I0
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	I00
I0I	I02	I03	I04	I05	I06	I07	I08	I09	II0
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 patrone mo papetleng ya dinomoro.

I05, II0, II5, ___, ___, ___, ___	87, 90, 93, ___, ___, ___, ___
36, 40, 44, ___, ___, ___, ___	I84, I86, I88, ___, ___, ___, ___
70, 65, 60, ___, ___, ___, ___	I38, I35, I32, ___, ___, ___, ___
I80, I76, I72, ___, ___, ___, ___	I4, I2, I0 ___, ___, ___, ___

I 2 3 4 5 6 7 8 9 I0

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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**.

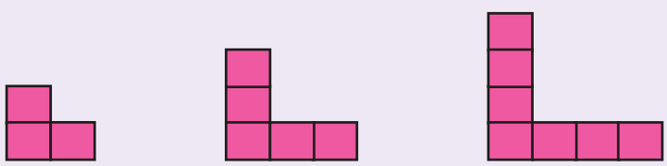
									10



Godiša patrone.







Teacher:
Sign:
Date:

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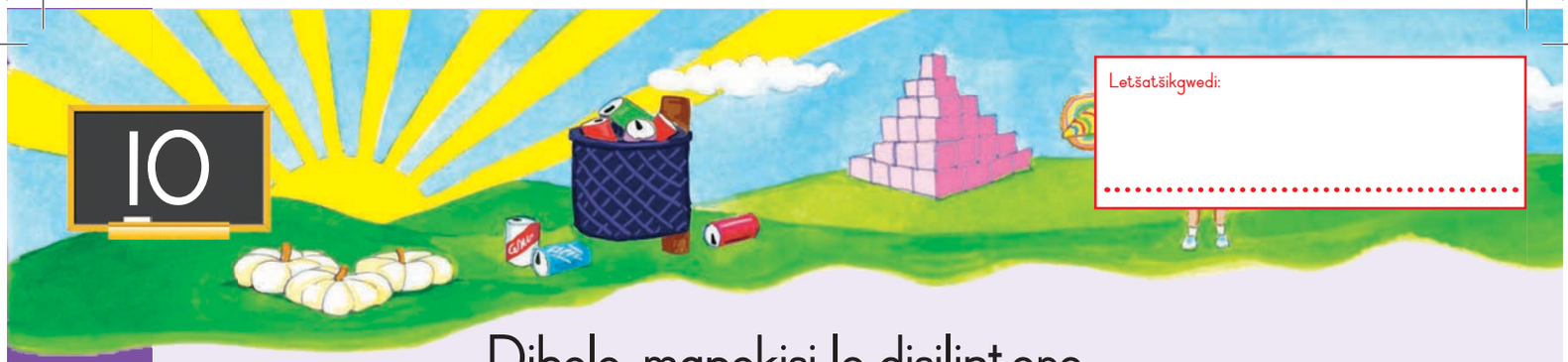

Letšatšikgwedi:

.....

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



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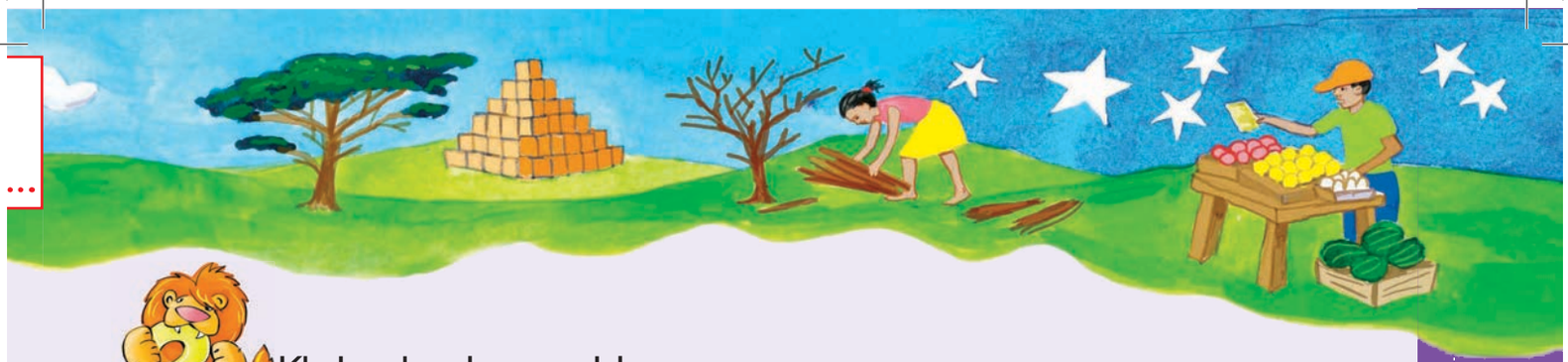


3 Khalara karabo ya maleba.



morumo wa kgokolo

morumothwi



morumo wa kgokolo

morumothwi



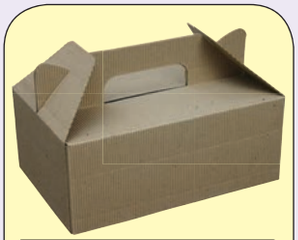
morumo wa kgokolo

morumothwi



morumo wa kgokolo

morumothwi



morumo wa kgokolo

morumothwi



morumo wa kgokolo

morumothwi



morumo wa kgokolo

morumothwi



morumo wa kgokolo

morumothwi

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



ka morago ga | ka pele ga

kgauswi le | godimo ga



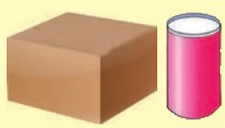
ka morago ga | ka pele ga

kgauswi le | godimo ga



ka morago ga | ka pele ga

kgauswi le | godimo ga



ka morago ga | ka pele ga

kgauswi le | godimo ga

Teacher:

Sign:

Date:

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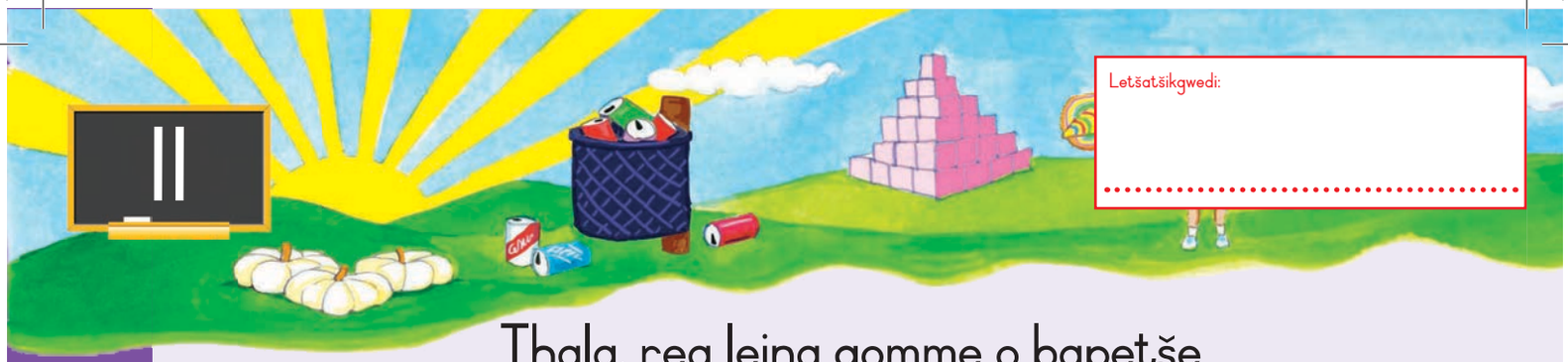


Letšatšikgwedi:

Kotara ya I

Thala, rea leina gomme o bapetše dibopego tša mahlakorepedi



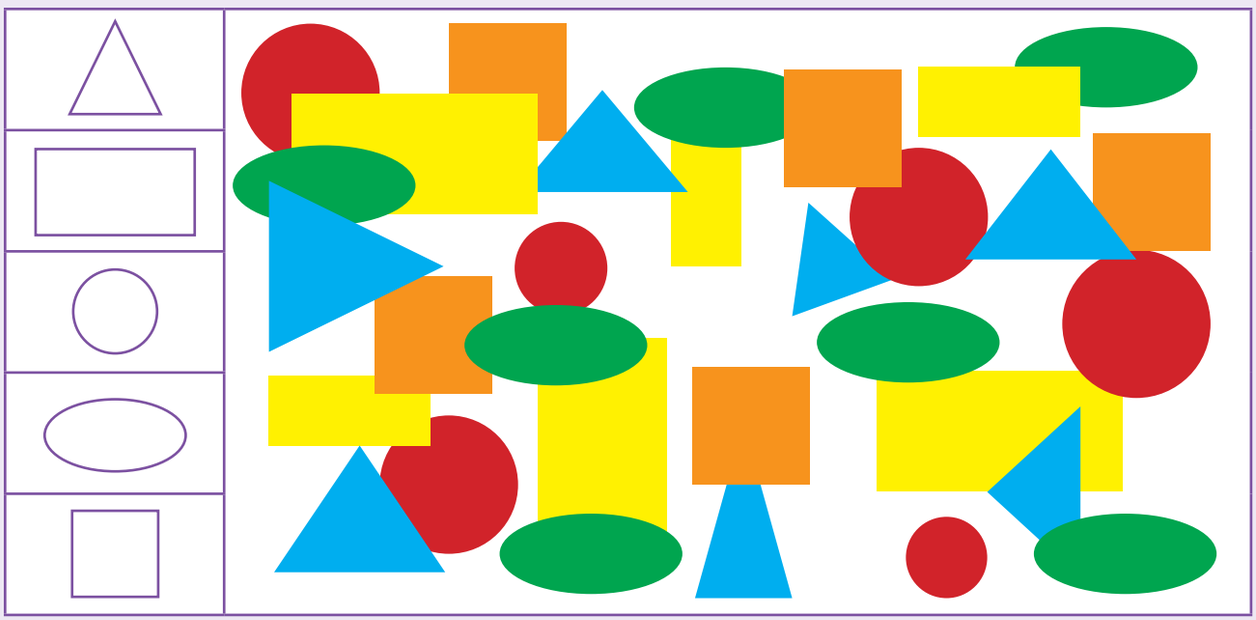
Thala dibopego

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.



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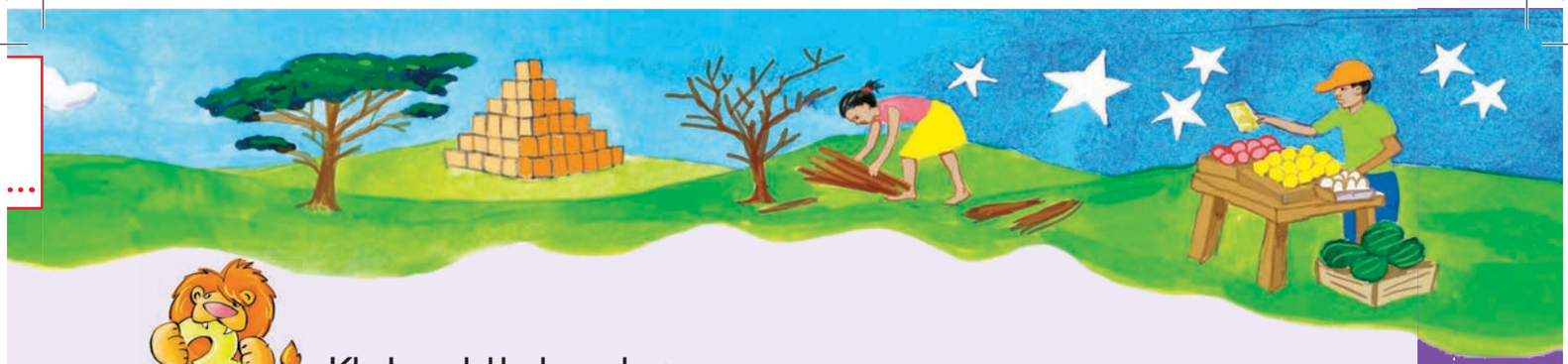


Khalara didiko ka moka tše:

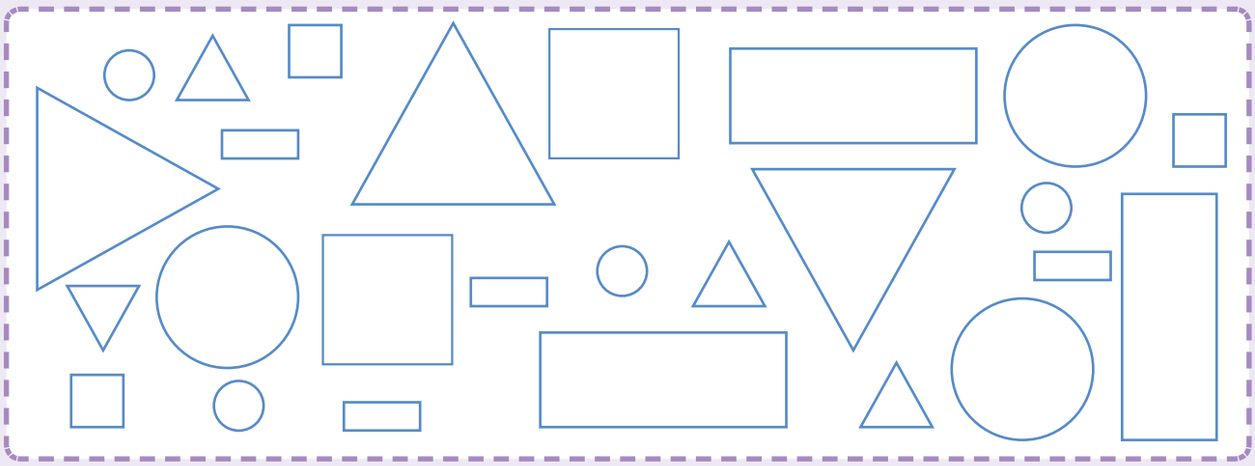


kgolo ka bohubedu, tše nnyane ka botalamorogo;

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, tsotho, le dikhutlonnethwii tše nnyane, bopinki.



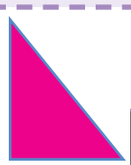
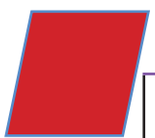
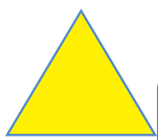
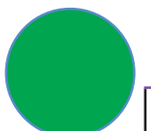


Na ke mahlakore a makae?

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
 thwi / nkgokolo	 thwi / nkgokolo	 thwi / nkgokolo	 thwi / nkgokolo



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12

Letšatšikgwedi:

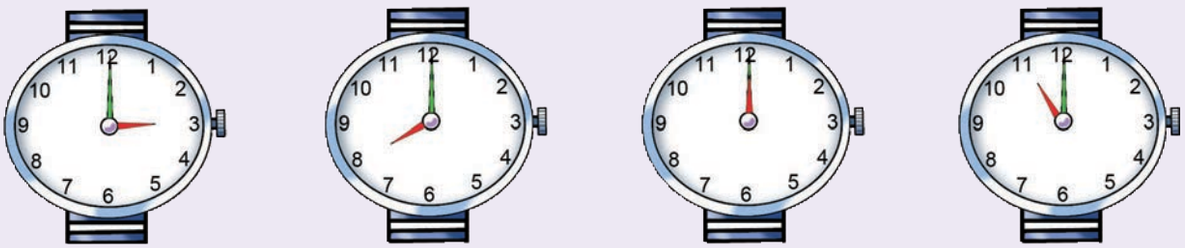
.....

Nako e a sepela



Go bala nako

Diwatšhe tše di bontšha nako efe?

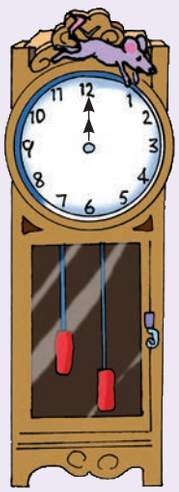


iri ya _____ iri ya _____ iri ya _____ iri ya _____



Šupa dinako tše di fapanego mo go tšhupanako

Thuša legotlo Mimi go bala metsotso ka di-5.
Thoma go 12. Eya le dinomoro go dikologa tšhupanako 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 (6)



seripagare go tšwa go iri ya seswai (8)



kotara go ya go iri ya lesometee (11)



metsotso ye lesometharo go tšwa go iri ya bohlano (5)

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Tumišo o ya sekolong.





O tloga ka gae.



O fihla sekolong.

Na Tumišo o tšea 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



Nako yeo e okeditšwego gabedi.

a. Fetolela diiri go metsotso.

Diiri	1	2	4	8
Metsotso	60			

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

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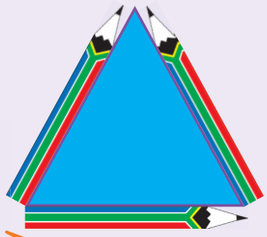
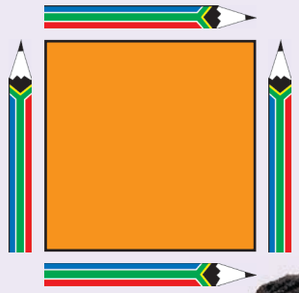
13

Letšatšikgwedi:

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 bja 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?



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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? _____

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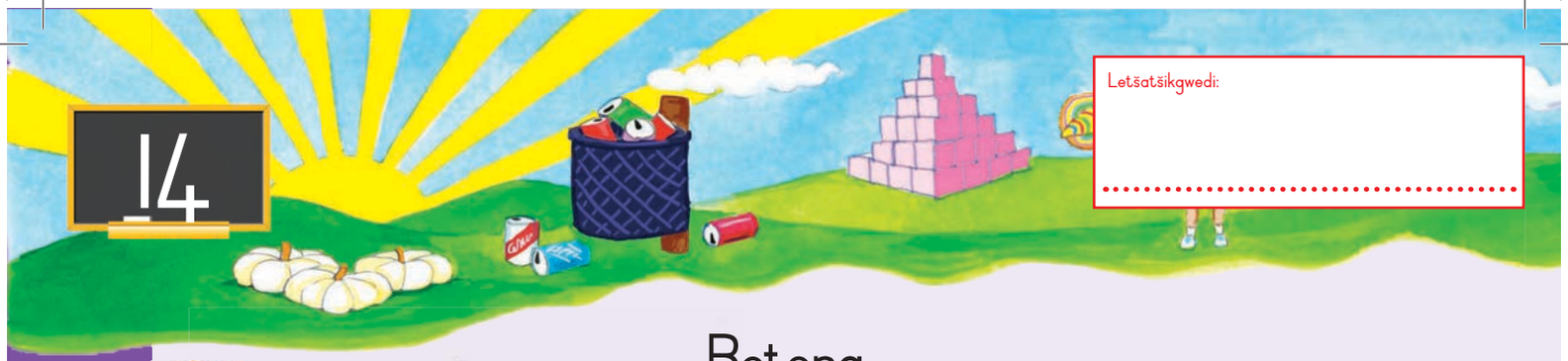


14

Letšatšikgwedi:

.....

Kotara ya I

Boteng





Ke šetše ke tšhetše dikomiki tše pedi ka go jeke ya go ela.

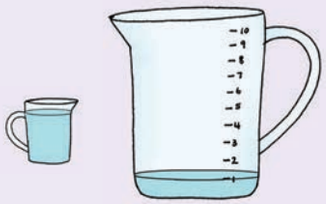
Go sa nyakega dikomiki tše kae tša meetse gore setšhelo se tlale?

_____



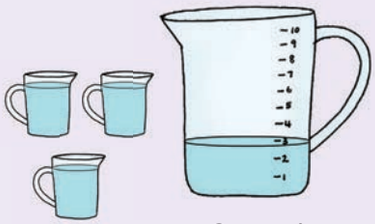
Go na le meetse a dikomiki tše kae ka gare ga setšhelo?
Re sa nyaka dikomiki tše kae tša meetse gore re tlatše setšhelo?

a.



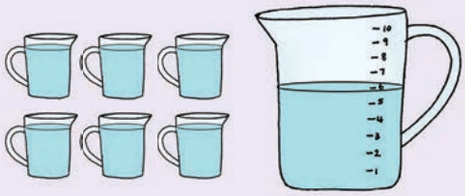
Ka gare ga setšhelo: 1 Go nyakega gape: 9

b.



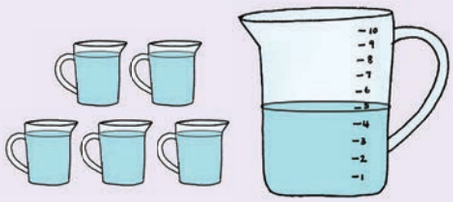
Ka gare ga setšhelo: ☐ Go nyakega gape: ☐

c.



Ka gare ga setšhelo: ☐ Go nyakega gape: ☐

d.



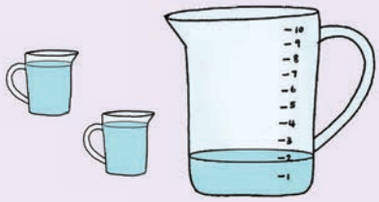
Ka gare ga setšhelo: ☐ Go nyakega gape: ☐

e.



Ka gare ga setšhelo: ☐ Go nyakega gape: ☐

f.



Ka gare ga setšhelo: ☐ Go nyakega gape: ☐

1 2 3 4 5 6 7 8 9 10

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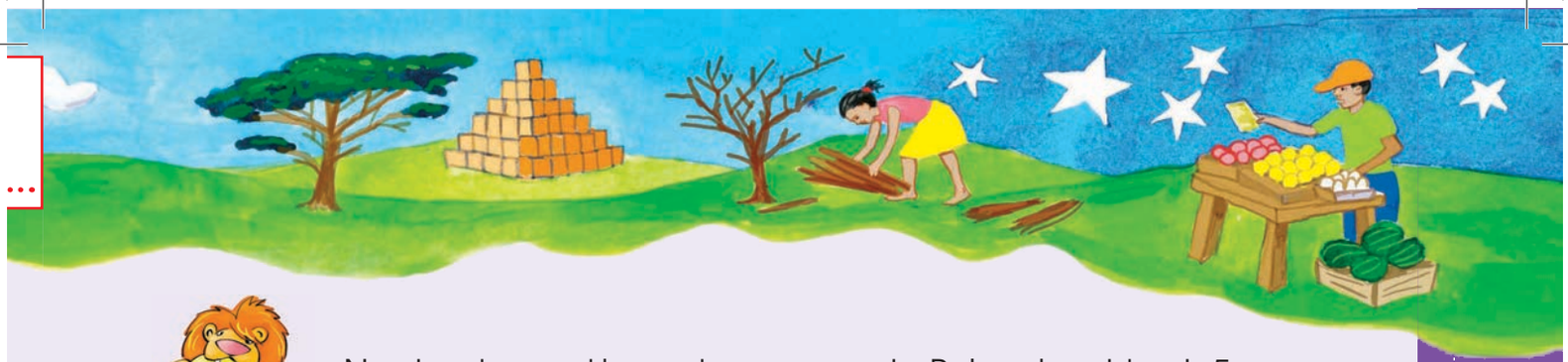
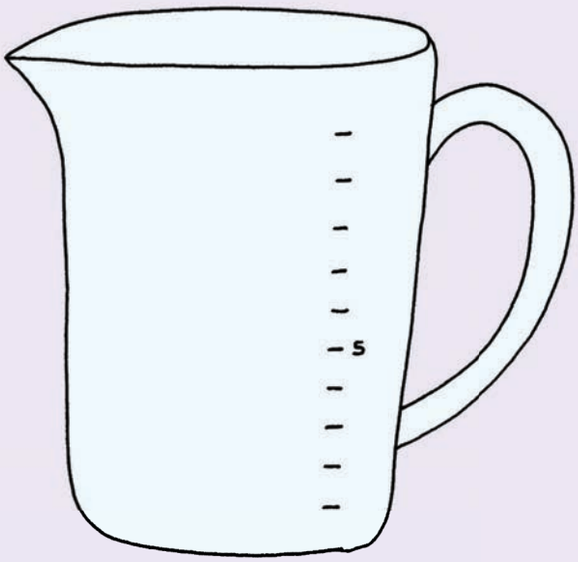




Ngwala makga a go khutša jekeng ye ya go ela . Re bontšhitše lekga la 5.

Tlatša makga a mangwe a go khutša mo go jeke.



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

a. 4 _____?

b. 6 _____?

c. 8 _____?

d. 10_____?



Swaya ditšhelo tšeo o naganago gore di na le litara e 1 ya seela gomme o di mamaretše go tloga go ye nnyane go feta go fihla ka ye kgolo go feta.

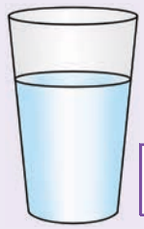












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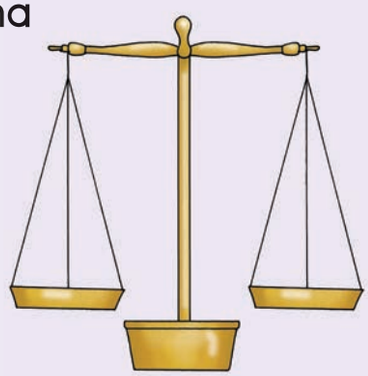
15

Letšatšikgwedi:

Go šoma ka boima



A re ele boima bja rena!



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

Re ela boima ka dikilogramo.
Re šomiša khutsofatšo: kg. Ke mang yo a imelago go feta?



41 kg



38 kg



41 kg



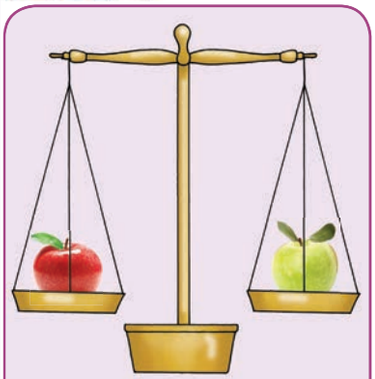
42 kg



39 kg

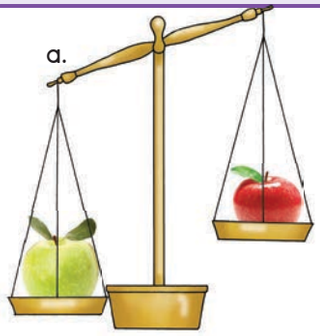


Re šomiša sekala sa go lekanyetša, go ela.

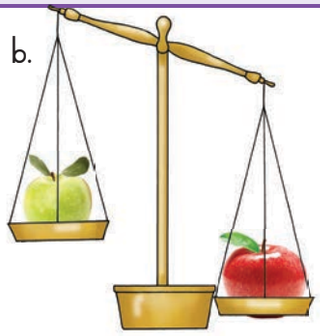


Mo go sekala se, diapola ka bobedi di kala go swana.

a.



b.



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? ☐

1 2 3 4 5 6 7 8 9 10

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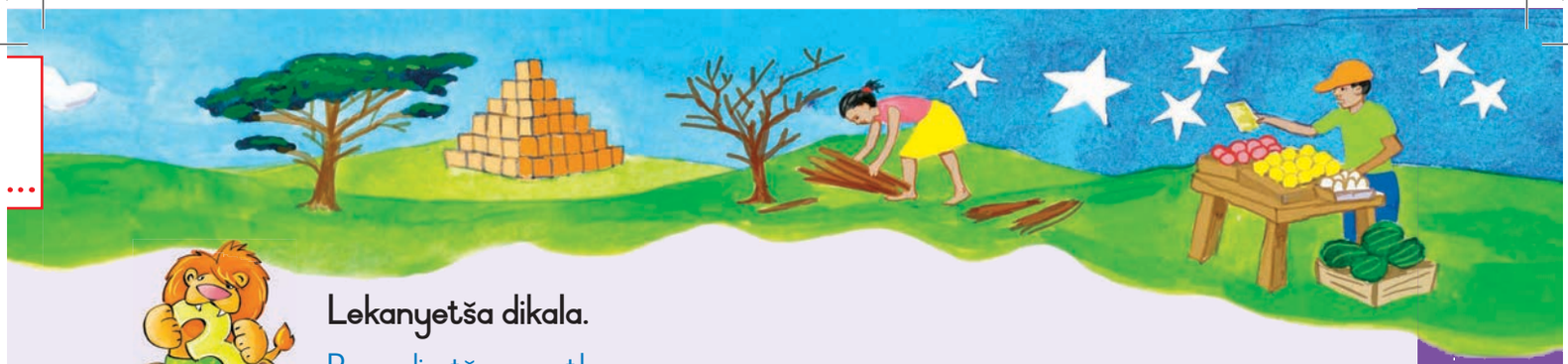
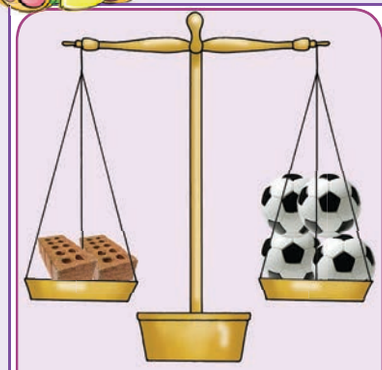


Lekanyetša dikala.

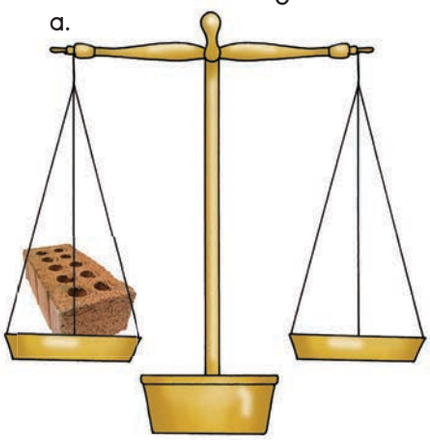
Re go diretše sa mathomo.



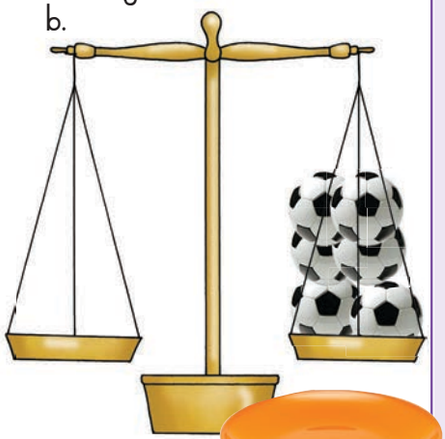
Ditena tše pedi di kala go lekana le dibolo tše nne.

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

a.



b.





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

a. diphasela tše 2 _____kg

b. diphasela tše 3 _____kg

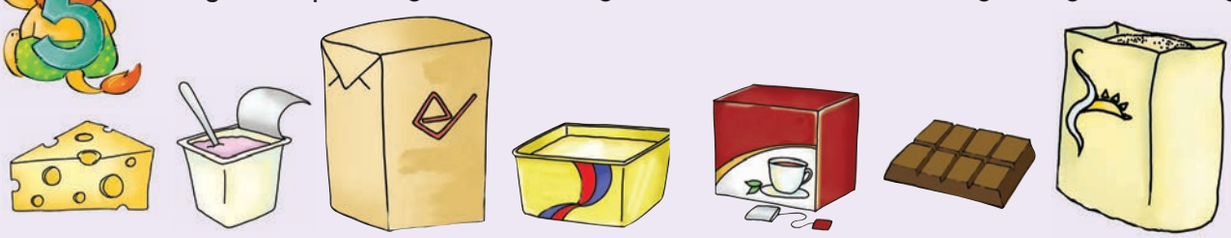
c. Na nka kgona go kala diphasela tše 4 ka nako e tee mo sekaleng sa ka moraleng? _____

Ka lebaka la eng? _____

_____

_____

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



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16

Letšatšikgwedi:

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

1 2 3 4 5 6 7 8 9 10

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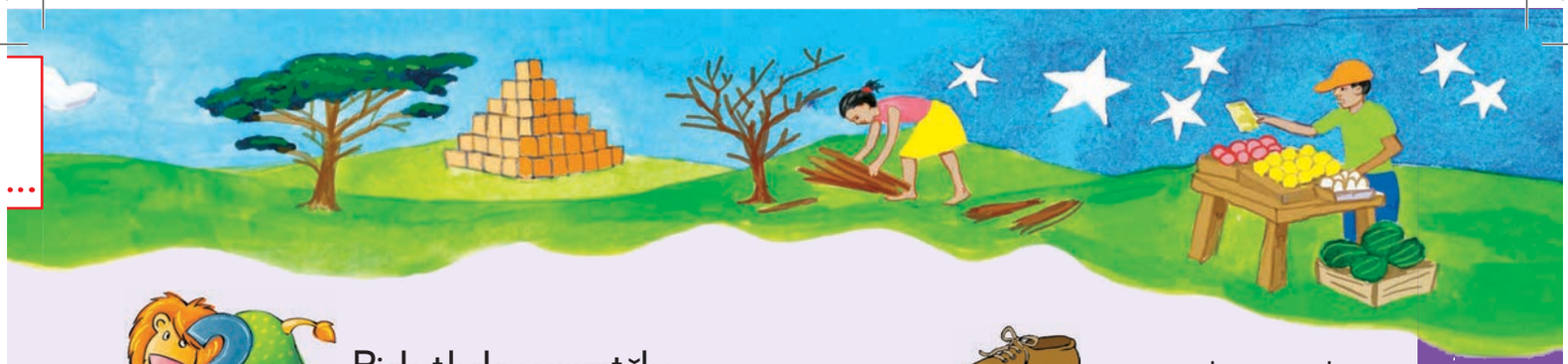

Bjale thala seswantšho



= 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.

a. Barutwana ba bantši ba apara dieta tša saese ya _____.

b. Palo ye nnyane e apara saese ya _____.

c. 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.



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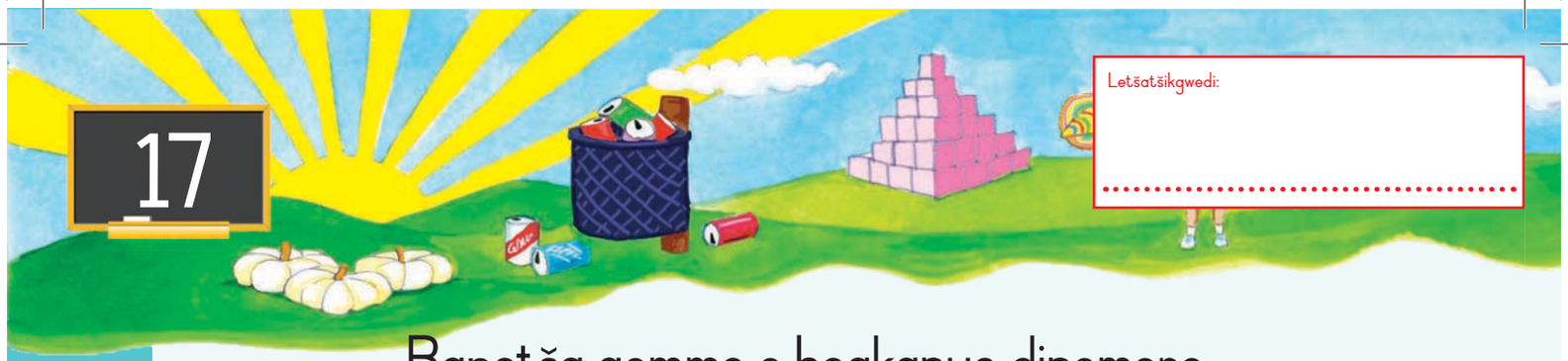
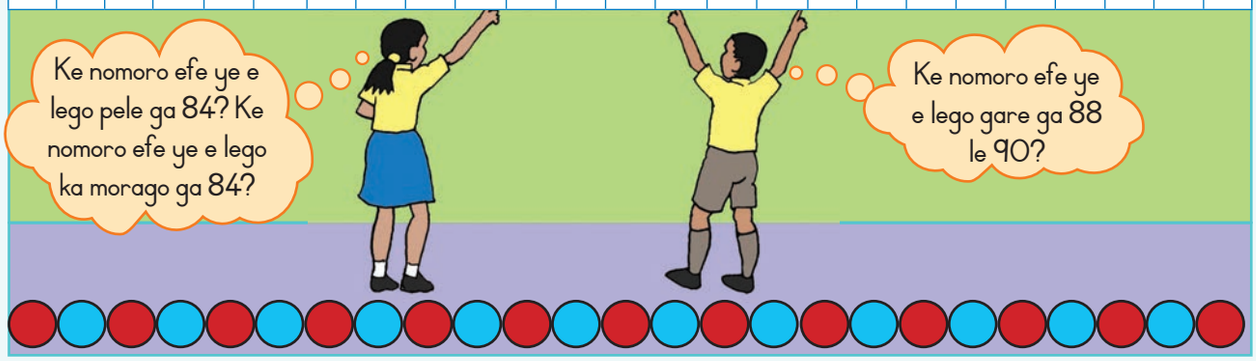


17

Letšatšikgwedi:

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





Ngwala dinomoro tše di tlogetšwego.

51									
						67			
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
  _____

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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

Dira sediko go nomoro ye nnyane.

99	19	9	14	41	40



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

32 [<] 64 23 [>] 18

57 [ ] 98 89 [ ] 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:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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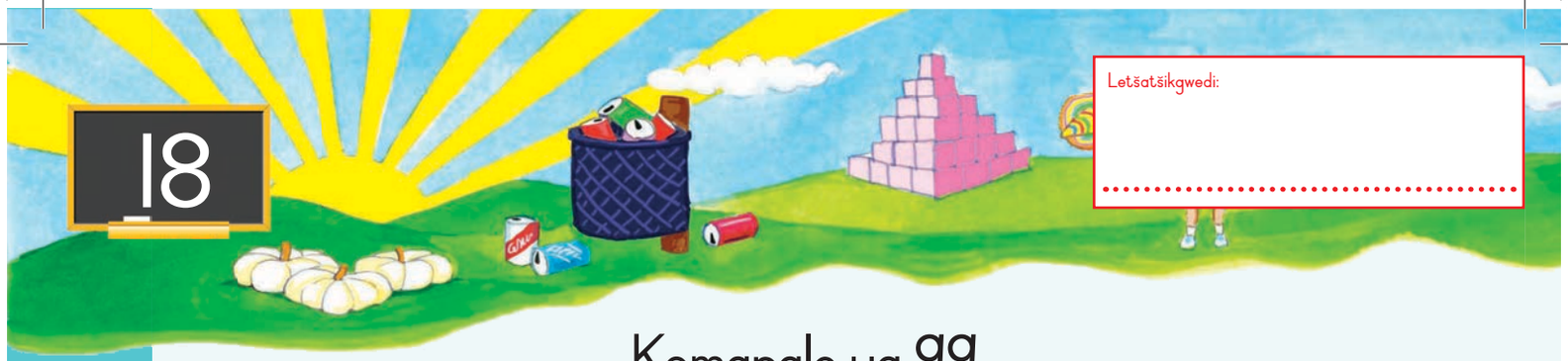


18

Letšatšikgwedi:

.....

Kotara ya I

Kemapalo ya 99

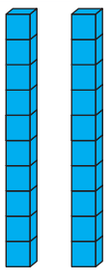


Go laetša dinomoro o šomiša dilo.

Re ka laetša dinomoro ka dipoloko tša dikemapalo.

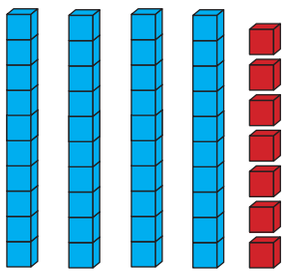
Poloko ye nnyane e emetše 1.

Tshipi ya dipoloko tše 10 tše nnyane e emetše 10. Ke 10. Ke lesome.

Masome	Metšo
	

O ka laetša nomoro ka go šomiša masome le metšo.

Ye ke tsela ya go laetša 47.



Masome	Metšo
4	7

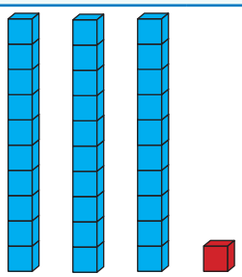
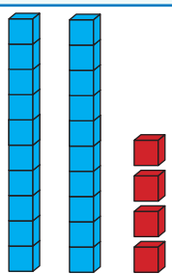
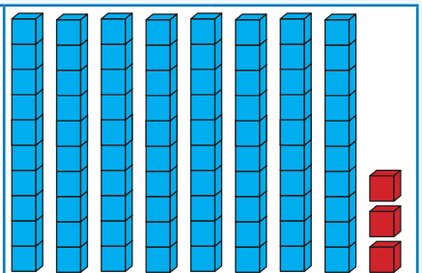
masomennešupa

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		_____ _____		_____ _____	

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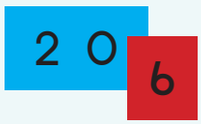
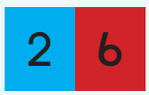
b. Re ka kgona gape go šomiša dikarata tša rena tša dinomoro go e laetša.

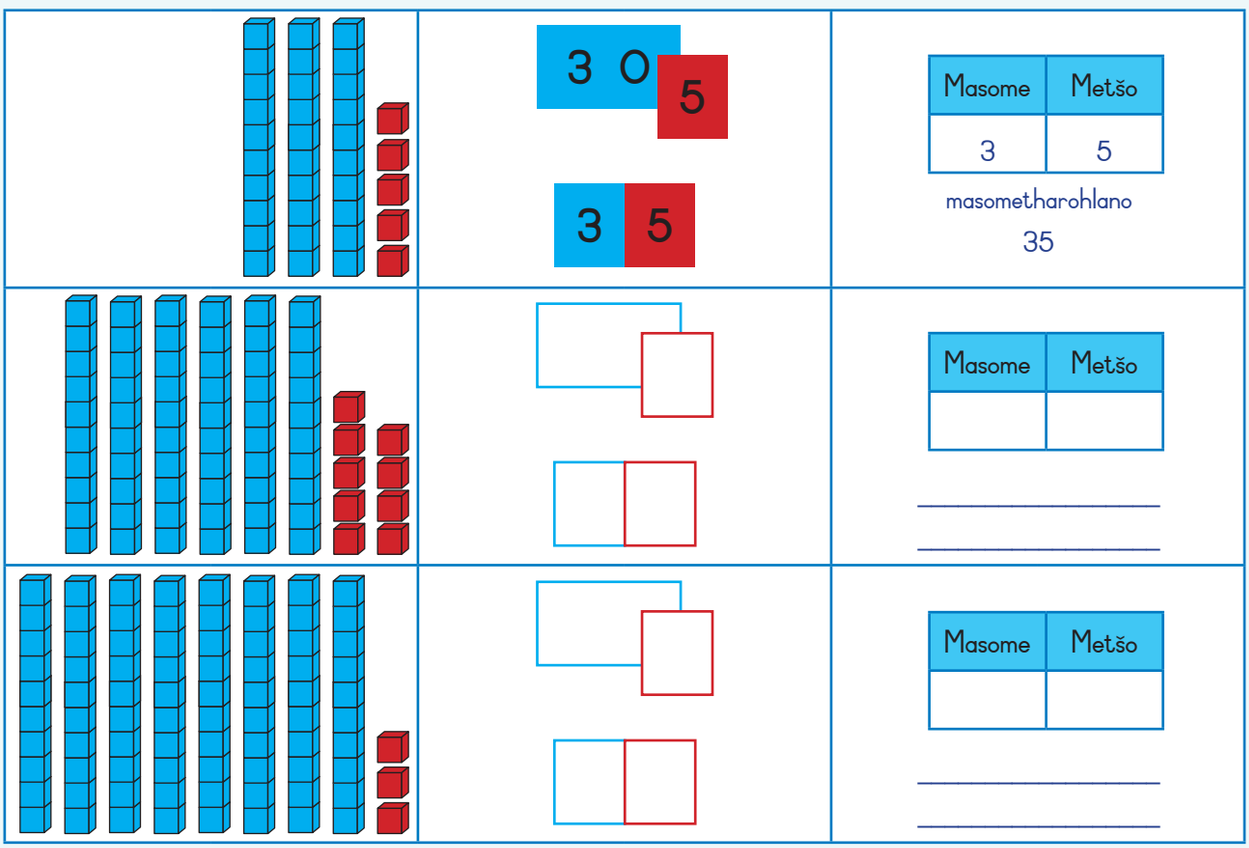




Palo	Ke masome a makae?	Metšo ye mekae?	Ngwala dinomoro ka mantšu
26	2	6	masomepeditshela
46			
99			



Nomoro ke efe?



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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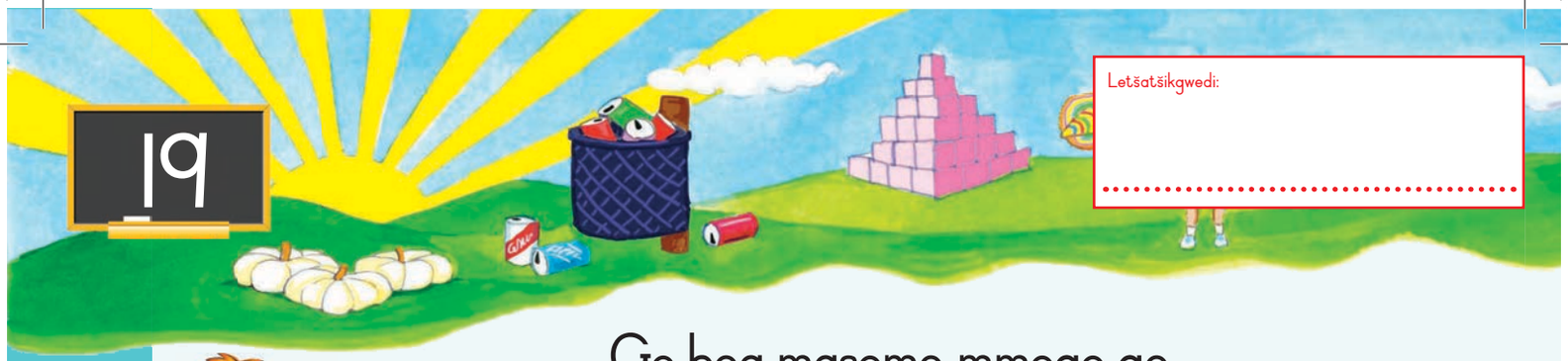


Letšatšikgwedi:

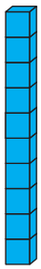
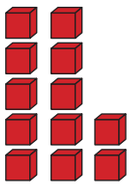
.....

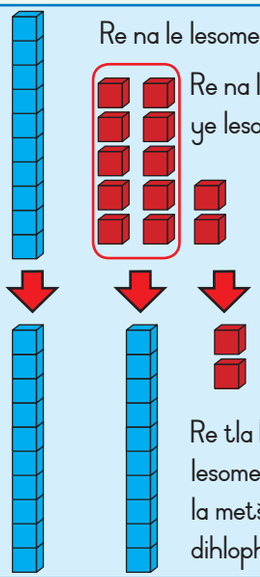


Go bea masome mmogo ge re hlakanya go fihla ka 99

Go bala

Ye ke tsela e tee ya go laetša 22.

Masome	Metšo
	
lesome le 1	metšo ye 12
1 0	1 0 2

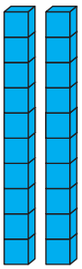


Re na le lesome le tee

Re na le metšo ye lesomepedi

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

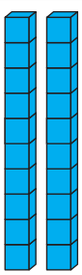
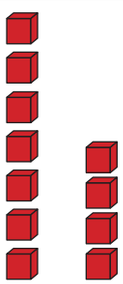
Bjale re na le tsela ye nngwe ya go laetša 22.

Masome	Metšo
	
masome 2	metšo 2
2 2	

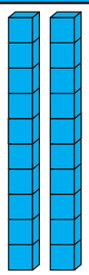
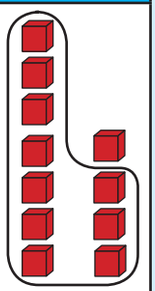
A re hlakanye 27 + 4. Re thoma ka dipoloko tše ditalalerata tše e lego metšo, gomme re tlaleletša ka metšo ye mehubedu

27 ke masome a 2 le metšo 7.

Gomme re tlaleletša ka metšo ye 4.

Masome	Metšo
	
masome a 2	metšo ye 7 + metšo ye 4
2 0	7 4

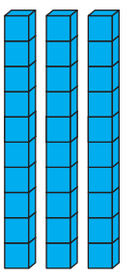
Re na le masome a 2 le metšo ye 11.

Masome	Metšo
	

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

2 0 1 0 1

Bjale re na le masome a 3 le 1 motšo = 31

Masome	Metšo
	

___ + ___ = ___

3 1



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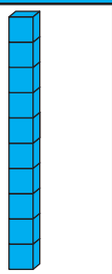
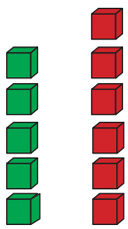
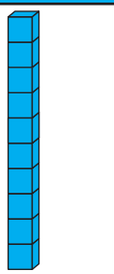
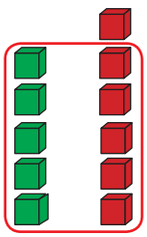
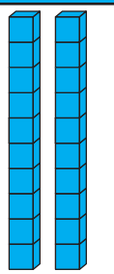
Ngwala lefokopalo leo le laetšwago ke seswantšho

Masome	Metšo
	

10 + 5 + 6

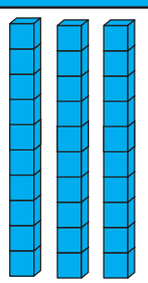
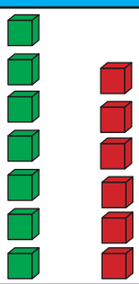
Masome	Metšo
	

___ + ___ + ___

Masome	Metšo
	

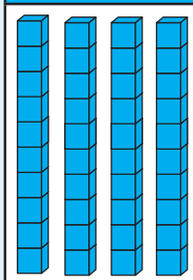
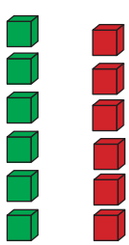
___ + ___ = ___

Feleletša diswantšho. Ngwala mafokopalo ao a laetšwago ke seswantšho.

Masome	Metšo
	

Masome	Metšo

Masome	Metšo

Masome	Metšo
	

Masome	Metšo

Masome	Metšo

Teacher:

Sign:

Date:

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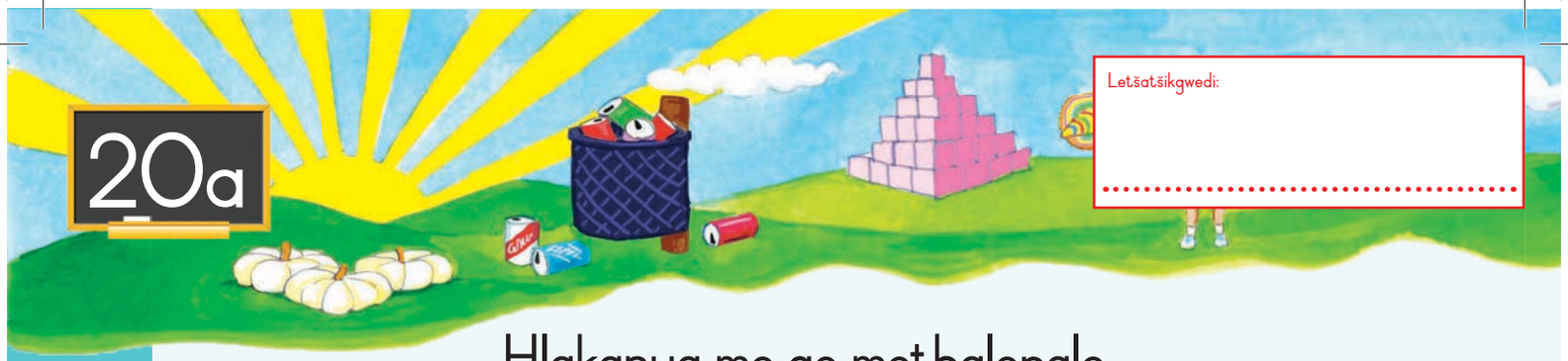


20a

Letšatšikgwedi:

.....

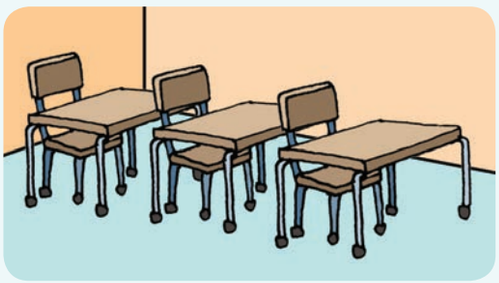
Hlakanya mo go mothalopalo

Dula tesekeng 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.

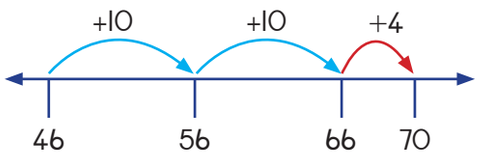
Na re nyaka diteseke tše kae tša diphapoši ka bobedi?



Go šoma le mogwera

Lebelela ka fao barutwana ba ba dirišitšego mothalopalo 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 = ☐

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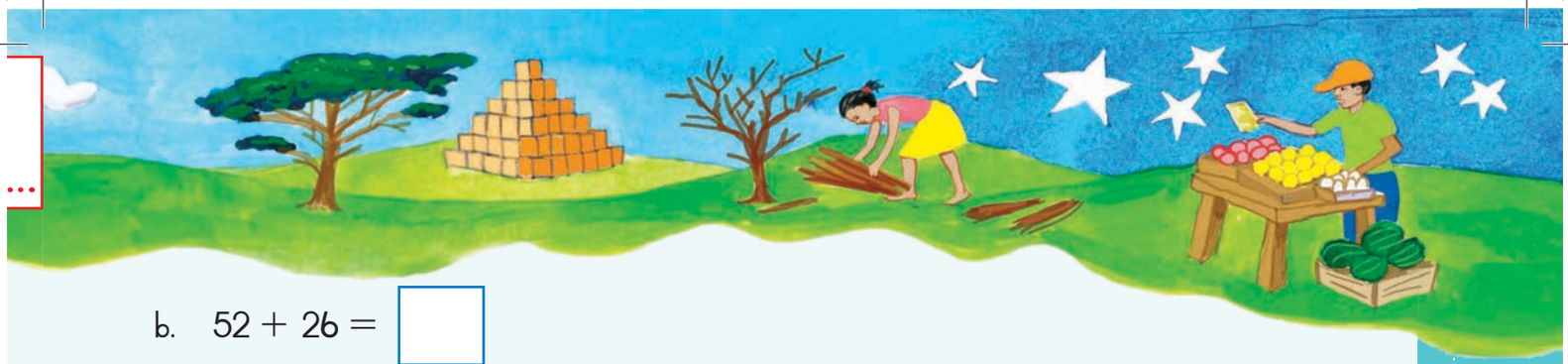
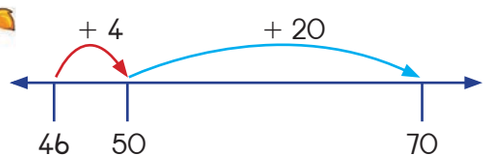


b. 52 + 26 = ☐

c. 46 + 25 = ☐





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 kgona go tshela 20 gape, se se mphihliša go 70.

= 40 + 10 + 20

= 50 + 20

= 70

a. 36 + 41 = ☐

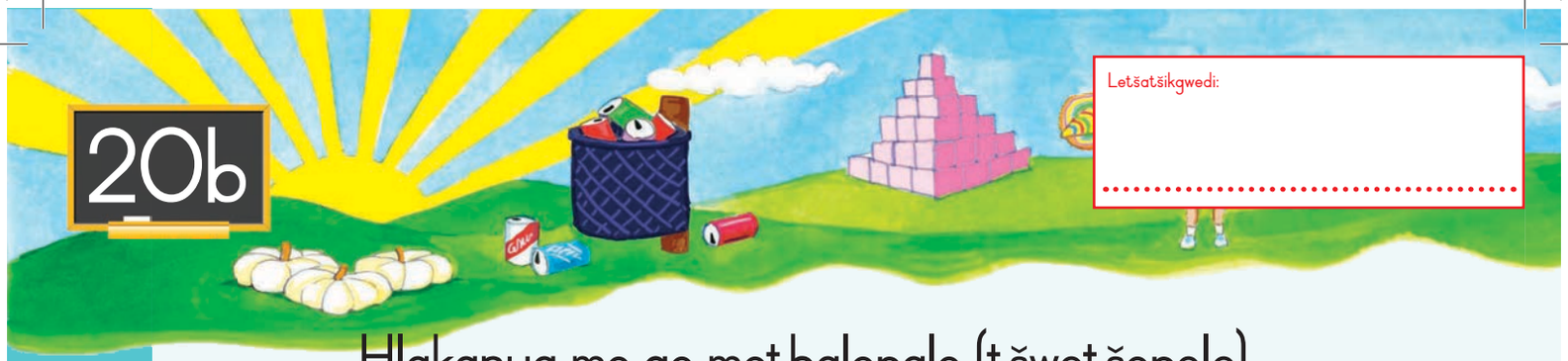
Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

SEP NUM G3 B1 9781431500093.indb 43 2014/05/05 1:40 PM



20b

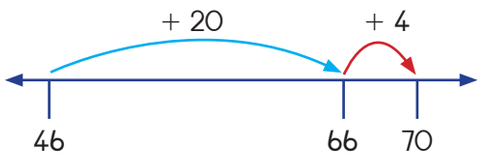
Letšatšikgwedi:

Hlakanya mo go mothalopalo (tšwetšopele)

Kotara ya I

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. $65 + 29 =$ ☐

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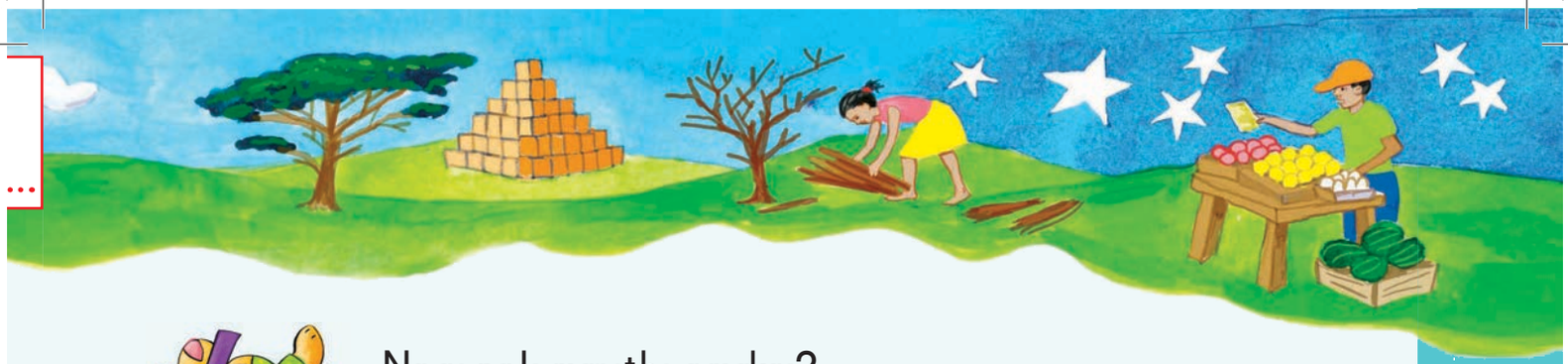


Na go na le marotho a makae?

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.

Hlakanya ka ntle le go šomiša mothalopalo.

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

38 + 24 =

58 + 17 =

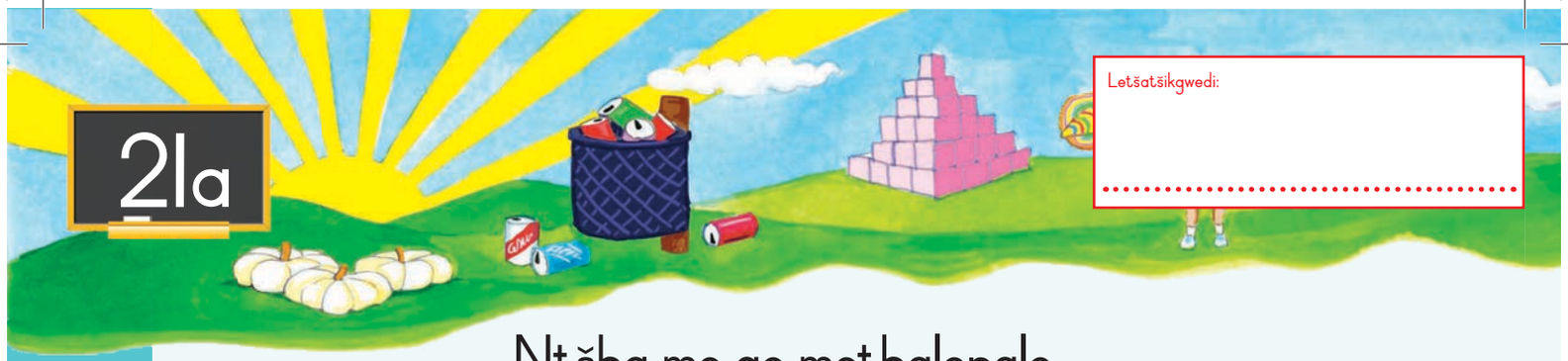
75 + 16 =

83 + 29 =

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SEP NUM G3 B1 9781431500093.indb 45 2014/05/05 1:40 PM



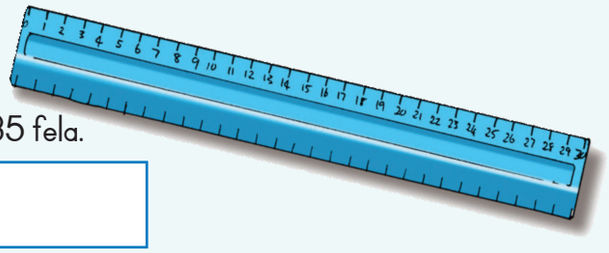
Letšatšikgwedi:

21a

Kotara ya 1

Ntšha mo go mothalopalo

Morutwana o tee! Rula e tee!



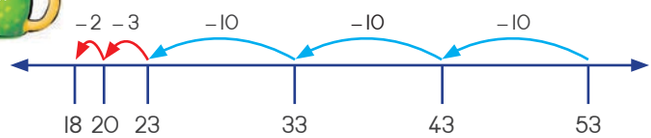
Barutwana ba nyaka dirula tše 53. Re na le tše 35 fela.

Na re nyaka tše kae gape? 53 – 35 = ☐

Go šoma le mogwera.

Bala ka fao barutwana ba bararo ba šomišago mothalopalo mo tlase. Ngwala dipalo o latela mohlala.





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



Ke tla thoma ka 53 gomme ka e tšea. Ke tla tšea 10, 10, 10 – gomme go tla šala 23. Bjale go tšea tše hlano, ke tla thoma ka go tšea 3, gomme ka tla go 20. Ke tšea 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

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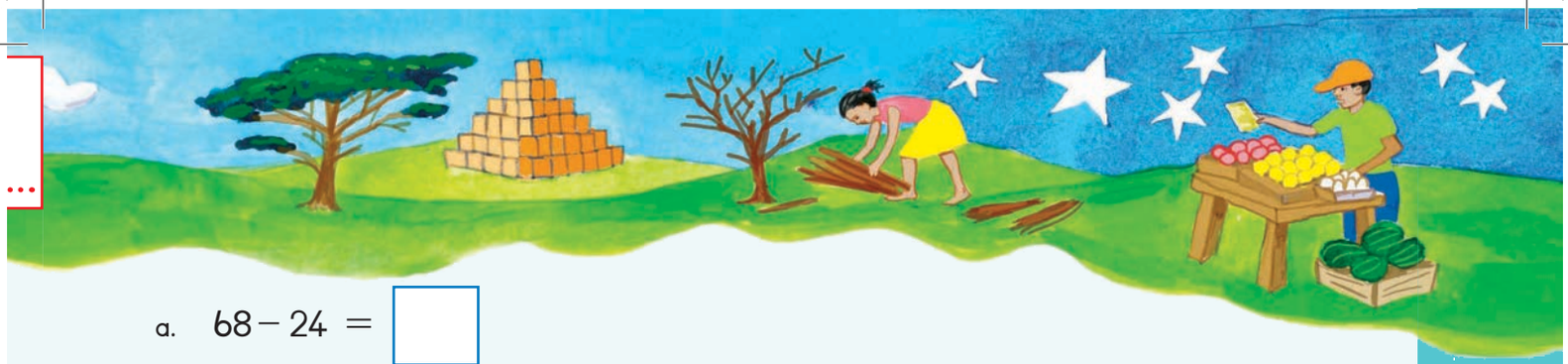
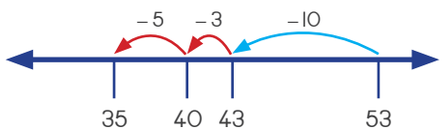


a. $68 - 24 =$ ☐

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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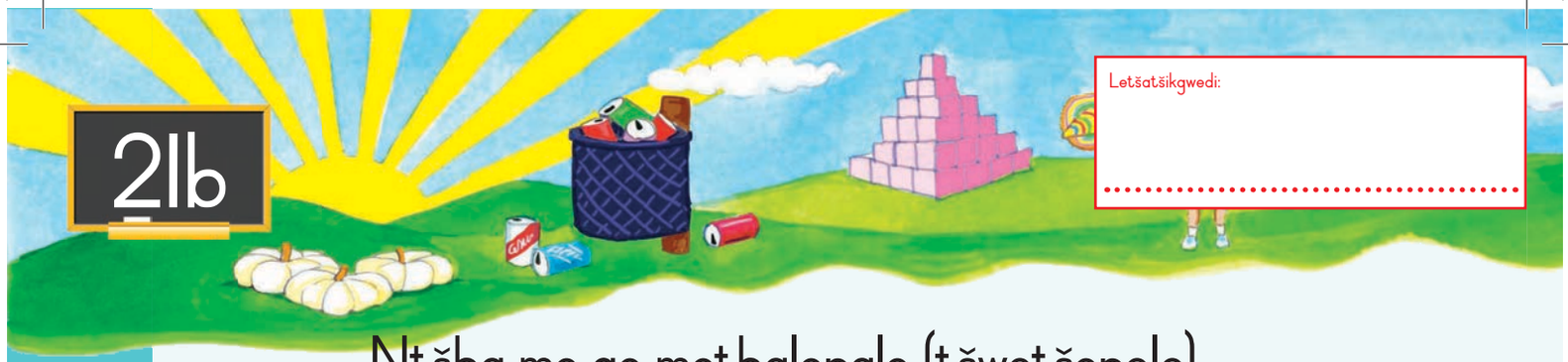


21b

Letšatšikgwedi:

Ntšha mo go mothalopalo (tšwetšopele)

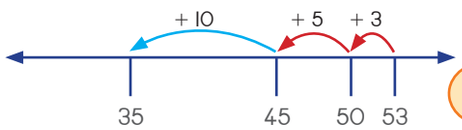
Kotara ya I

b. $65 - 43 = \square$

c. $72 - 39 = \square$

d. $85 - 48 = \square$





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. $84 - 32 = \square$

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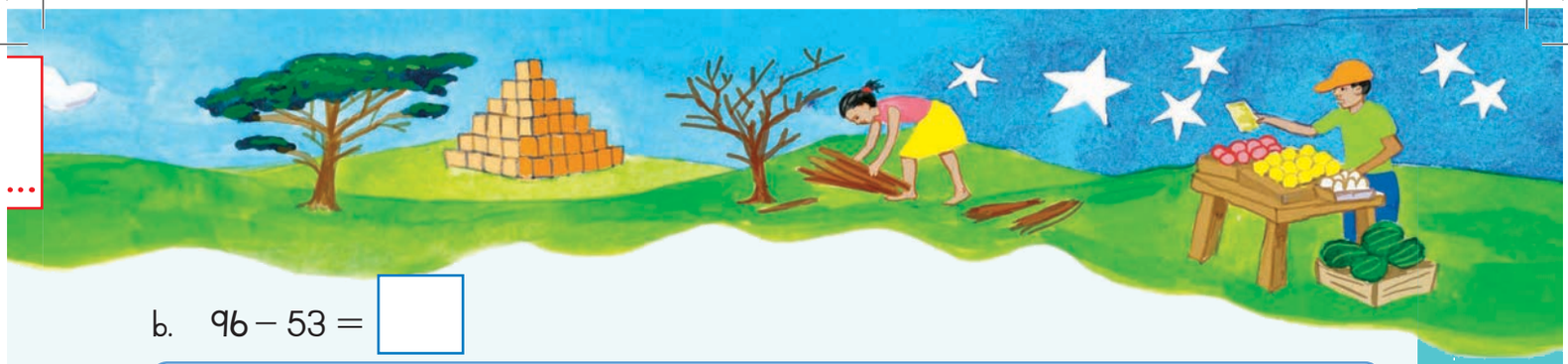

b. 96 – 53 = ☐

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 šaletšwe ke bokgole bjo bokaakang?

Šomiša mothalopalo go rarolla lefokopalo le.

km

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22

Letšatšikgwedi:

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				

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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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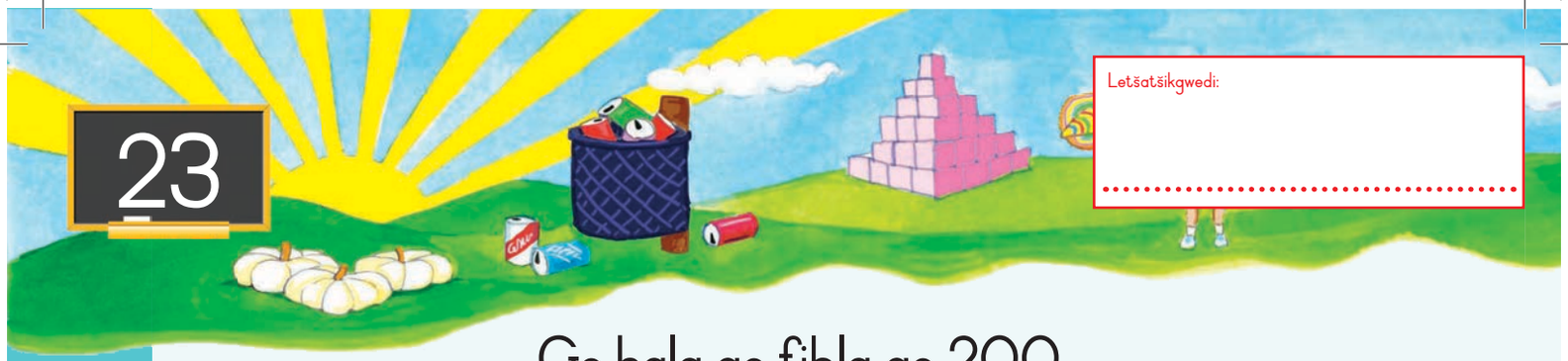


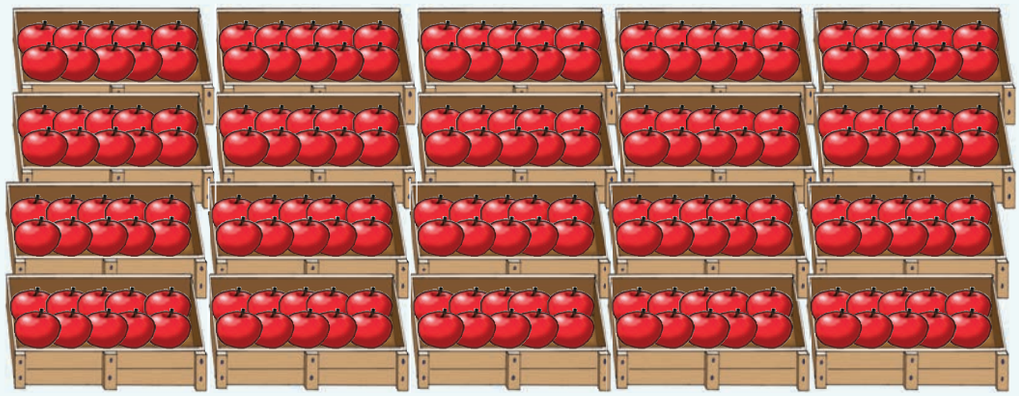
23

Letšatšikgwedi:

Go bala go fihla go 200



O bona diapola tše kae?



Ngwala dinomoro

Lepokisi le I le na le diapola tše _____. Mothalo o I o na le diapola tše _____.

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



Re ka paka diapola tše kae ka mapokising ao?

a.  _____

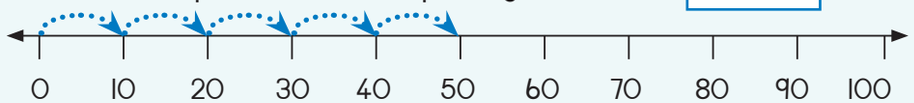
b.  _____

c.  _____

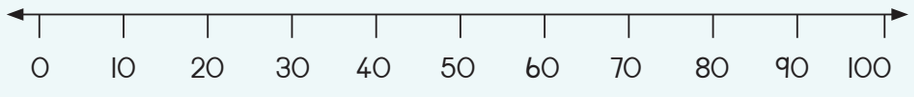


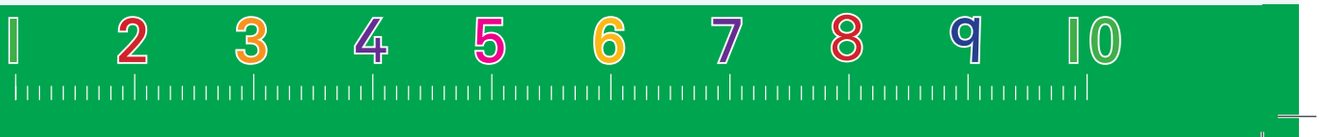
Bala mo mothalopalong.

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



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





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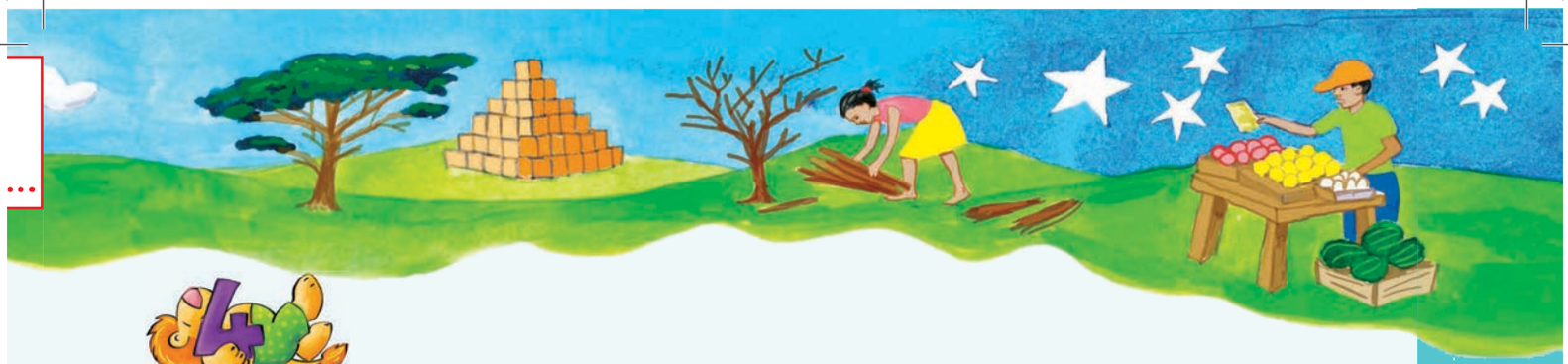
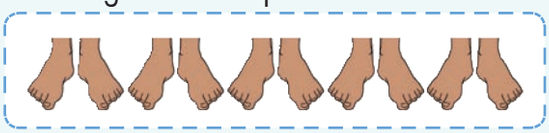


Dihlopha tše 3 tša 10 di dira_ 30 $3 \times 10 =$ 30 goba $10 \times 3 =$ 30

Dihlopha tše 5 tša 10 di dira_ ___ × ___ = ☐ goba ___ × ___ = ☐

Dihlopha tše 2 tša 10 di dira_ ___ × ___ = ☐ goba ___ × ___ = ☐

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?

_____ = ☐ ___ × ___ = ☐ goba ___ × ___ = ☐

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

_____ = ☐ ___ × ___ = ☐ goba ___ × ___ = ☐

A re baleng

10, 20, 30, 40, 50, ____, ____, ____, ____, ____,

____, ____, ____, ____, ____, ____, ____, ____, ____, 200

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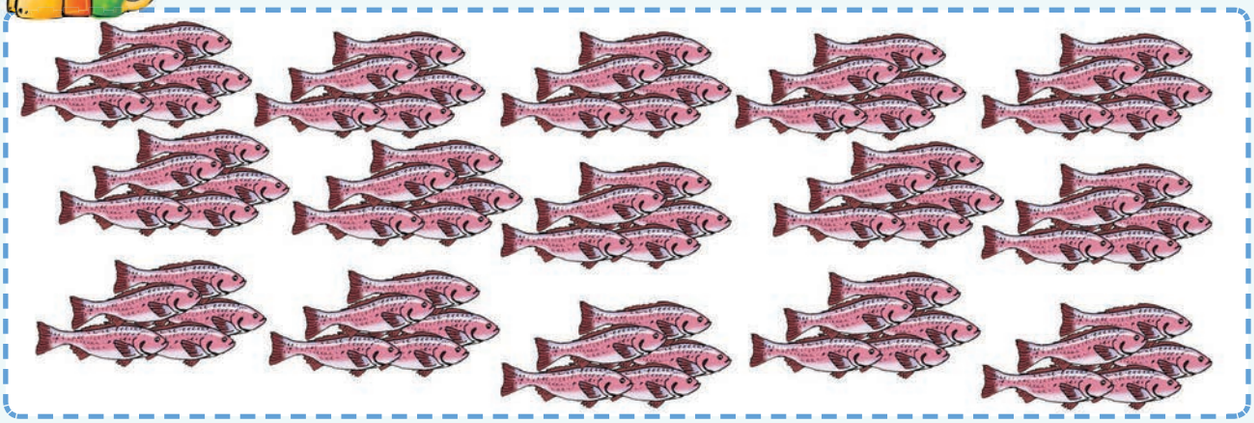
24

Letšatšikgwedi:

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 × .

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 × 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		



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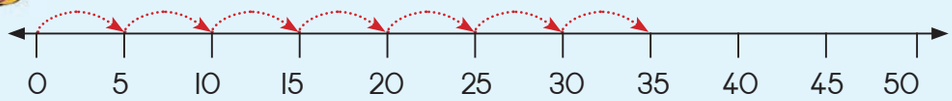
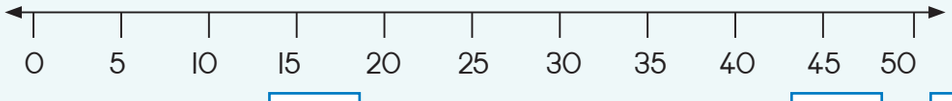
Feleletša mafokopalo le methalopalo



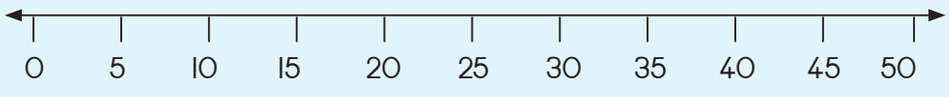
5 + 5 + 5 + 5 + 5 + 5 + 5 = 35 goba 7 × 5 = 35

a.



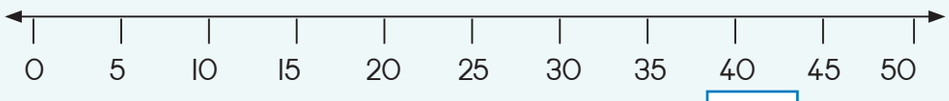
5 + 5 + 5 + 5 = ☐ goba ☐ × ☐ = ☐

b.



5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 = ☐ goba ☐ × ☐ = ☐

c.



_ + _ + _ + _ + _ + _ + _ + _ + _ + _ = ☐ goba 10 × 5 = 50



Go thea hlapi

Tšhego o tantše dihlapi tše magareng ga 40 le 50. O di bala ka di-2 gomme a šala ka 1. O di bala ka di-5 gomme o šetše ka 2.

Na Tšhego o tantše dihlapi tše kae? ☐

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25a

Letšatšikgwedi:

Bala ka di-2



Go bala masokisi



a. Na go na le diphere tše kae tša masokisi? _____

b. Na go na le masokisi a makae? _____

c. Na go na le masokisi a a šetšego? _____

1 2 3 4 5 6 7 8 9 10

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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
			
			
			
			
			



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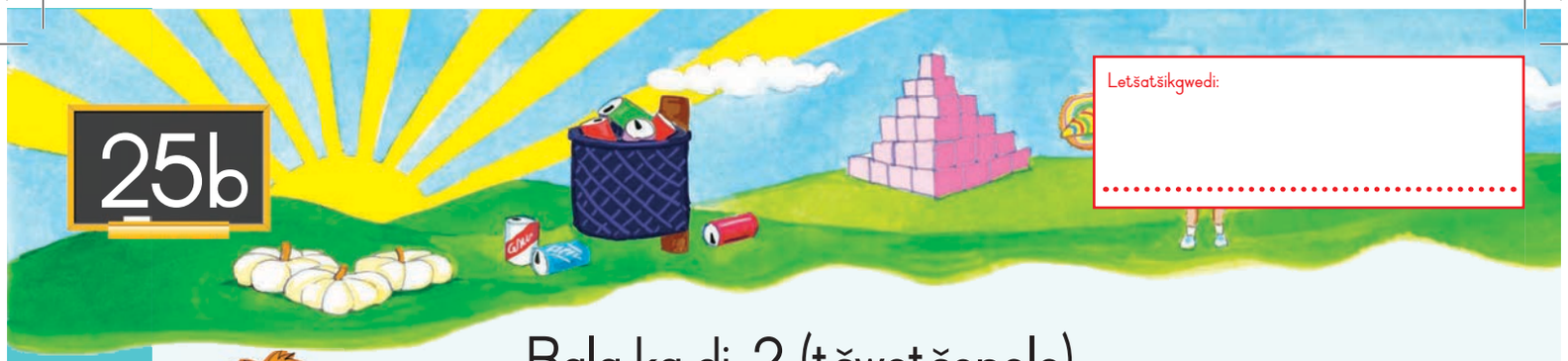


25b

Letšatšikgwedi:

Bala ka di-2 (tšwetšopele)



Go bopa diphere

Ngwala dipalotekanelo le dipalotlhokatekanelo go tloga go 1 – 60.

a. Ngwala dipalotekanelo go tloga go 1 – 60.

2, 4, 6,

b. Ngwala dipalotlhokatekanelo go tloga go 1 – 60.

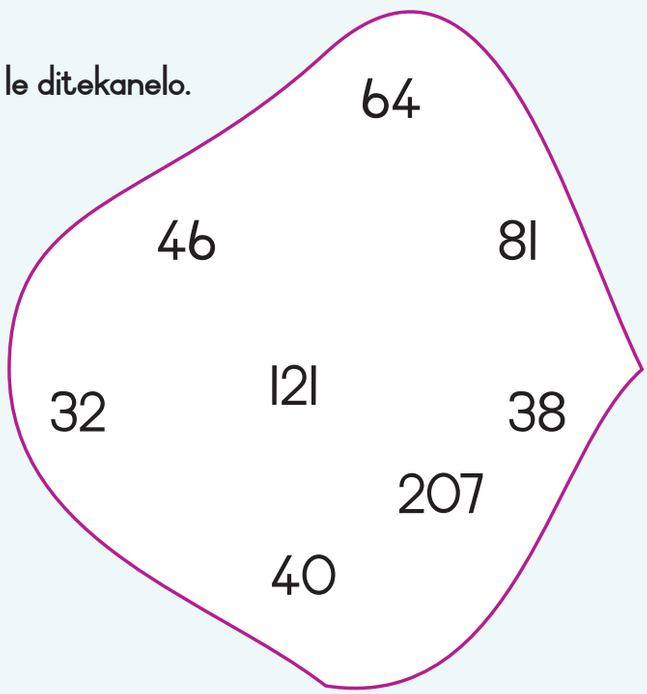
3, 5, 7,



Dipalotlhokatekanelo le ditekanelo.

Thala sediko mo go dipalotekanelo.

Thalo sekwere go dikologa dipalotlhokatekanelo.





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Go tloga go diphere go ya go masokisi.

Mohlala:

Masokisi a 2 = phere 1 

$2 \times 1 = 2$

Masokisi a 20 = diphere tše 10

$2 \times 10 = 20$

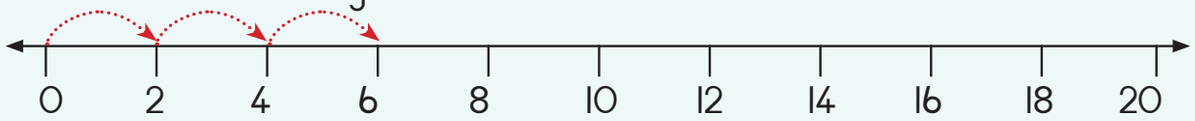
a. Ngwala palo ya masokisi.

Nagana ka di-2	Lefokopalo
phere 1 = masokisi 2	1 × 1 = 2
diphere 2 = masokisi _____	2 × 2 =
diphere 4 = masokisi _____	
diphere 8 = masokisi _____	
diphere 9 = masokisi _____	

b. Feleletša methalopalo.

Mohlala:

$2 + 2 + 2 = 6$ goba $3 \times 2 = 6$



$2 + 2 + 2 + 2 + 2 + 2 + 2 =$ ☐ goba ☐ × ☐ = ☐



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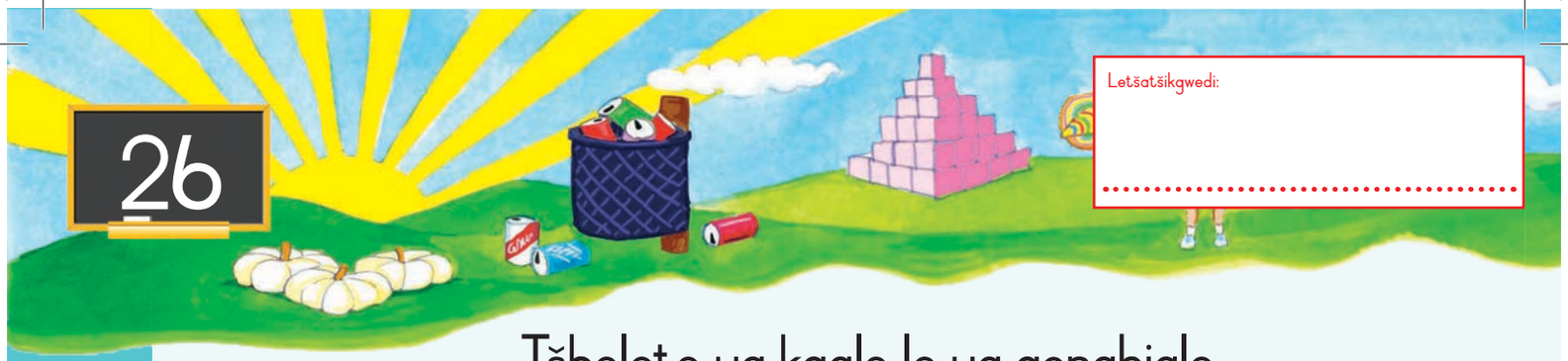

Letšatšikgwedi:

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.





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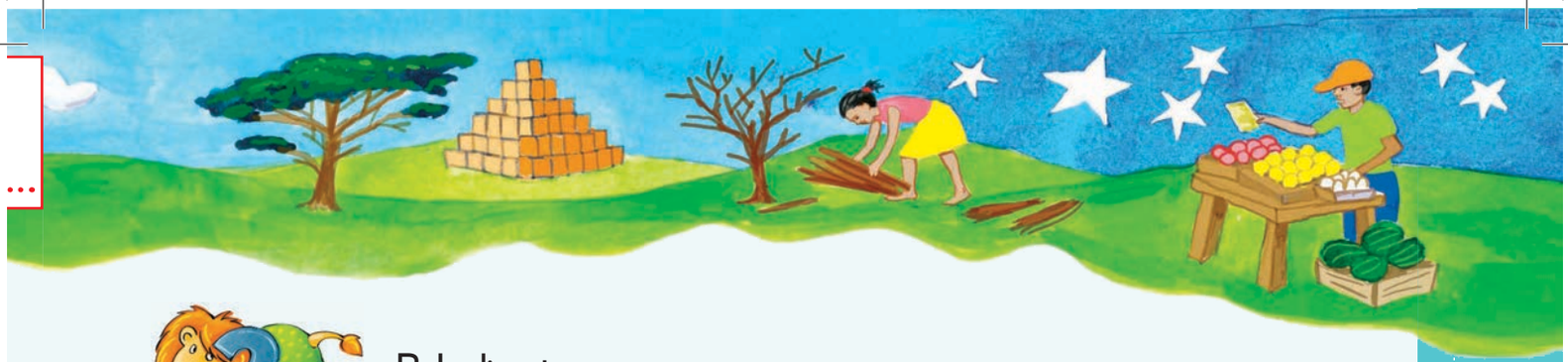




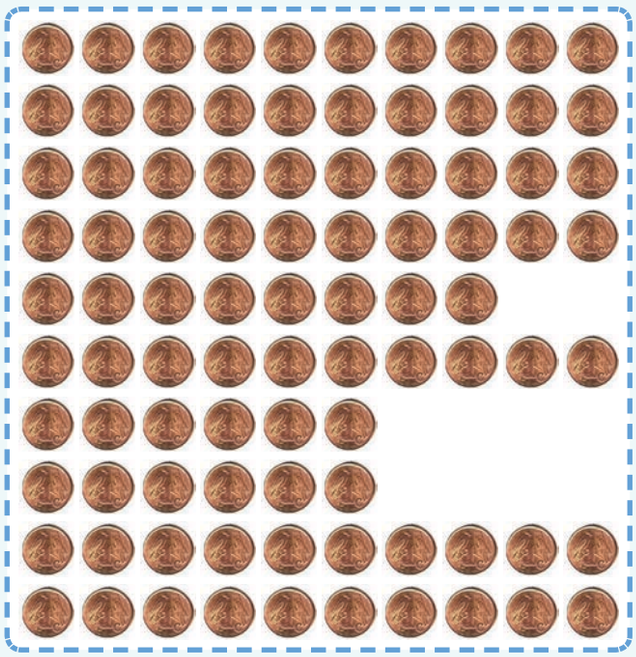
Bala disente

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 =		c	R2,00 =		c
R3,00 =		c	R1,50 =		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?





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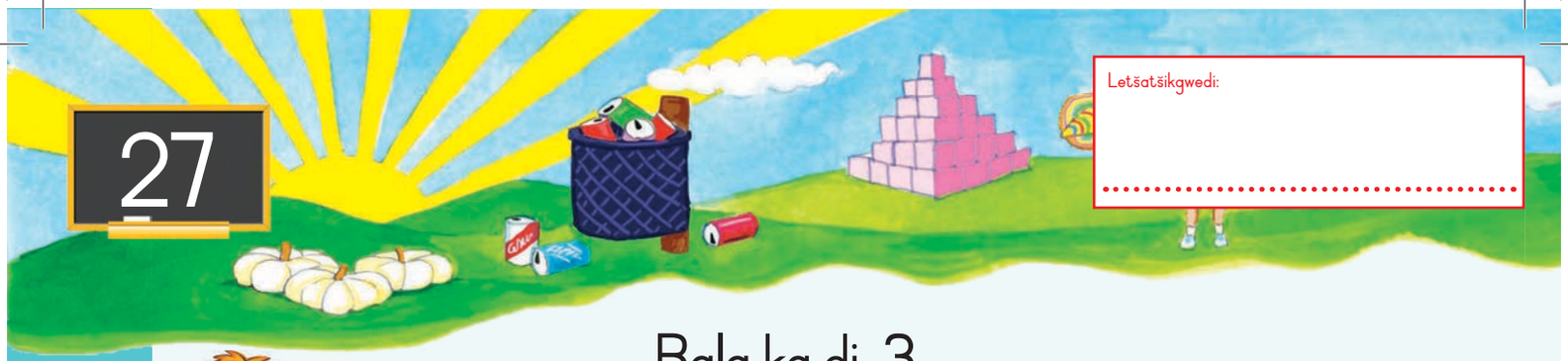


27

Letšatšikgwedi:

Bala ka di-3



Maotwana ka di-3



Traesekele e 1 e na le maotwana a _____.

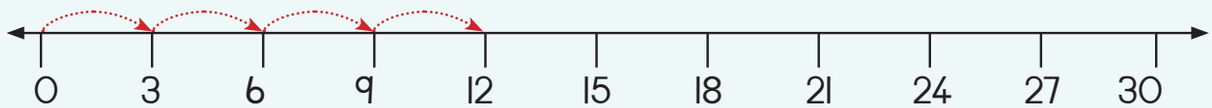


Ditraesekele tše 5 di na le maotwana a _____.	$3 + 3 + 3 + 3 + 3 = 5 \times 3 =$ _____
Ditraesekele tše 2 di na le maotwana a _____.	$3 + 3 = 2 \times 3 =$ _____
Ditraesekele tše 4 di na le maotwana a _____.	
Ditraesekele tše 6 di na le maotwana a _____.	
Ditraesekele tše 9 di na le maotwana a _____.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



Methalopalo

Latela mohlala.



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

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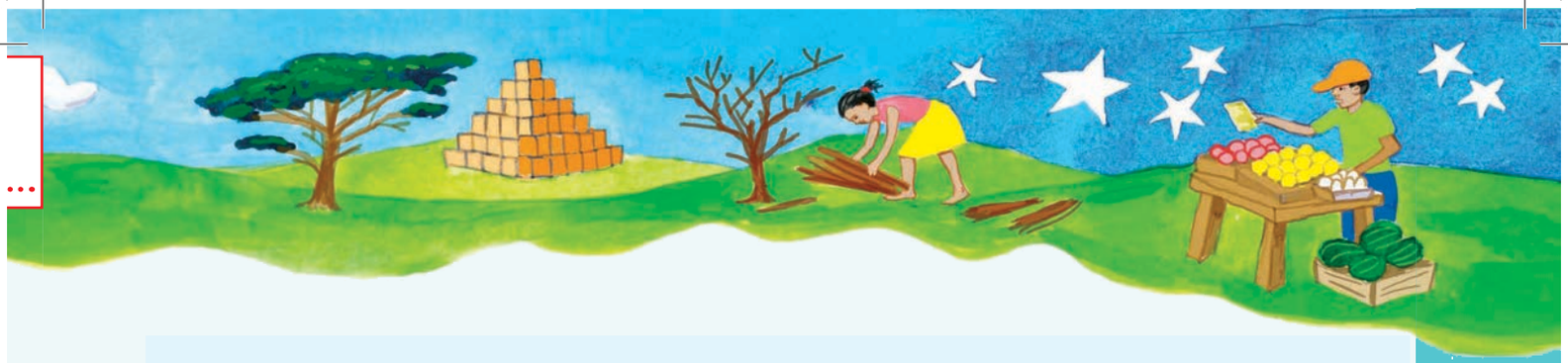
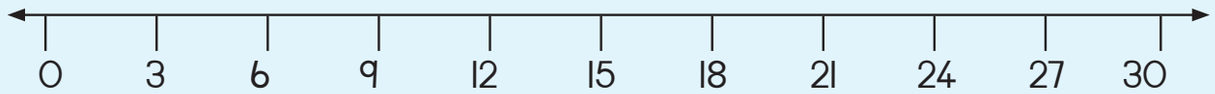
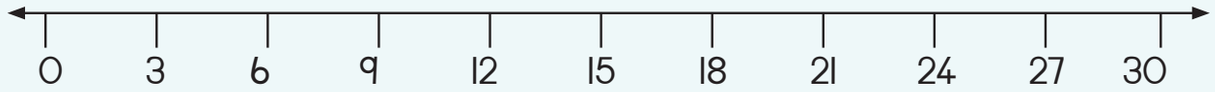


b.



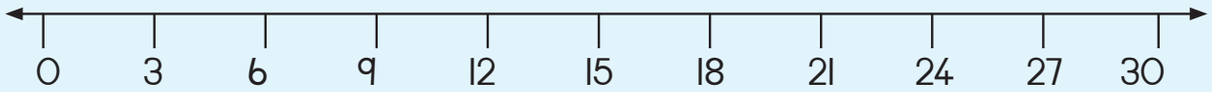
$3 + 3 + 3 + 3 + 3 =$ ☐ $=$ ☐ $\times$ ☐ $=$ ☐

c.



_____ $=$ ☐ $= 6 \times 3 =$ ☐

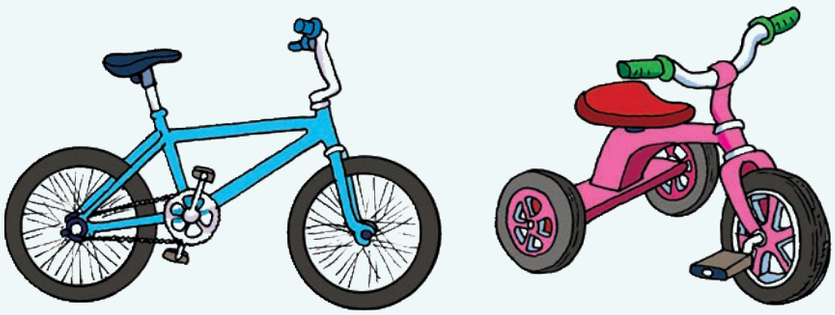
d.



_____ $=$ ☐ $= 10 \times 3 =$ ☐



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:

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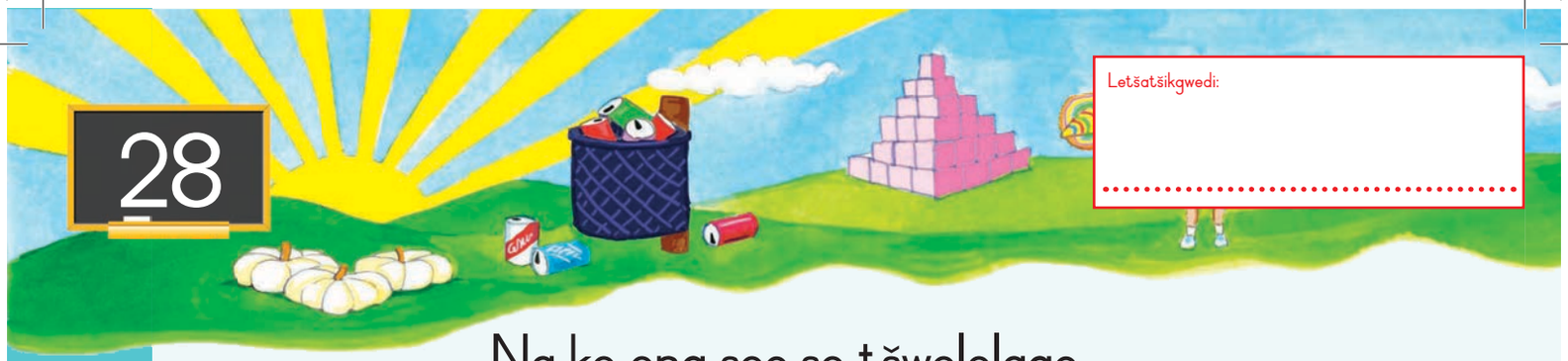

28

Letšatšikgwedi:

Na ke eng seo se tšwelelago ka di-4?



Maotwana a mane

Dintlha tše dingwe tša nomoro ya 4 …
4 + 4 = 8; 2 × 4 = 8



Dikgomo di na le maotwana a mane.

Na ke eng gape seo se tšwelelago 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	4	dikgomo tše 2  maoto a	8
dikgomo tše 3  maoto a		dikgomo tše 4  maoto a	
dikgomo tše 5  maoto a		dikgomo tše 6  maoto a	
dikgomo tše 7  maoto a		dikgomo tše 8  maoto a	
dikgomo tše 9  maoto a		dikgomo tše 10  maoto a	



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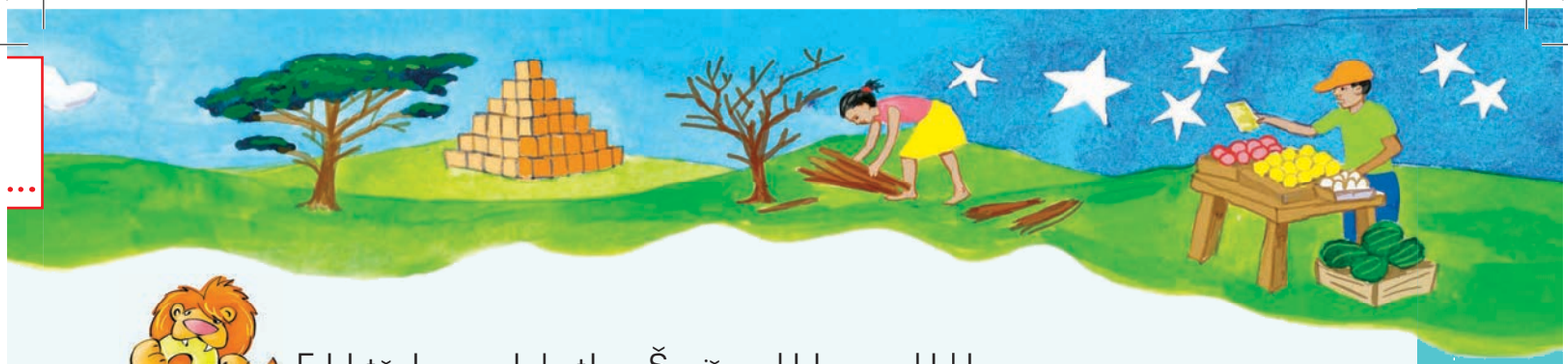


Feleletša lenaneo la ka tlase. Šomiša mohlala go go hlahla.

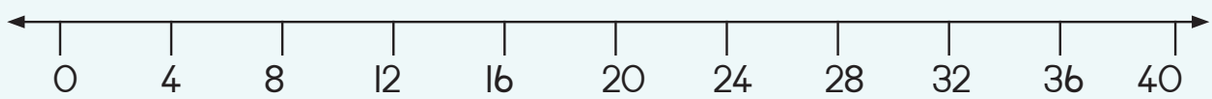
Dikgomo tše 3 di na le maoto a____.	$4 + 4 + 4 = 3 \times 4 =$ ____12____
Dikgomo tše 5 di na le maoto a____.	
Dikgomo tše 4 di na le maoto a____.	
Dikgomo tše 7 di na le maoto a____.	
Dikgomo tše 8 di na le maoto a____.	



Methalopalo

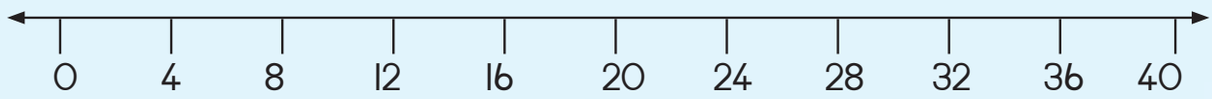
Feleletša lefoko: Bontšha palo ya go atiša mo go mothalopalo gomme o feleletše.

a.



_____ = ☐ = $5 \times 4 =$ ☐

b.



_____ = ☐ = $9 \times 4 =$ ☐



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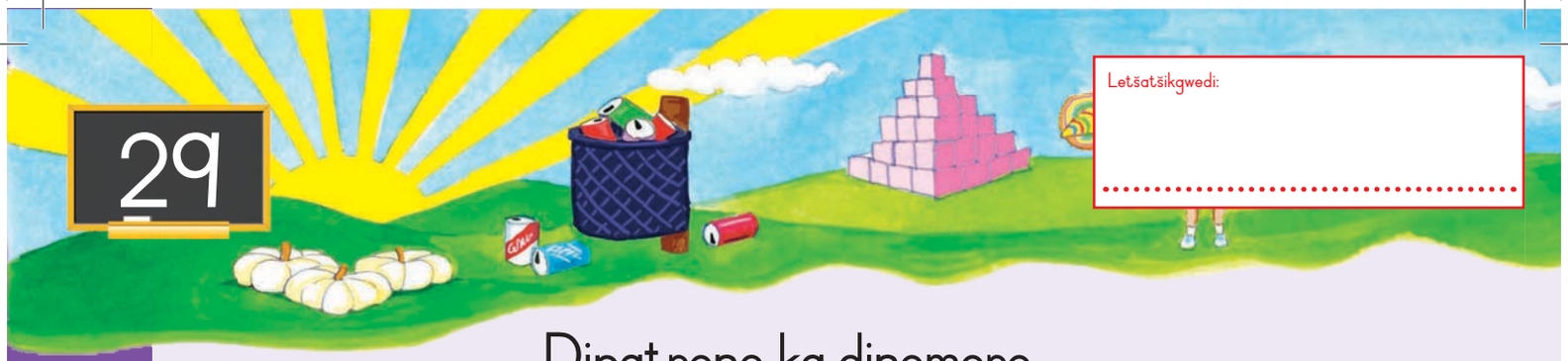


29

Letšatšikgwedi:

Kotara ya I

Dipatrone ka dinomoro



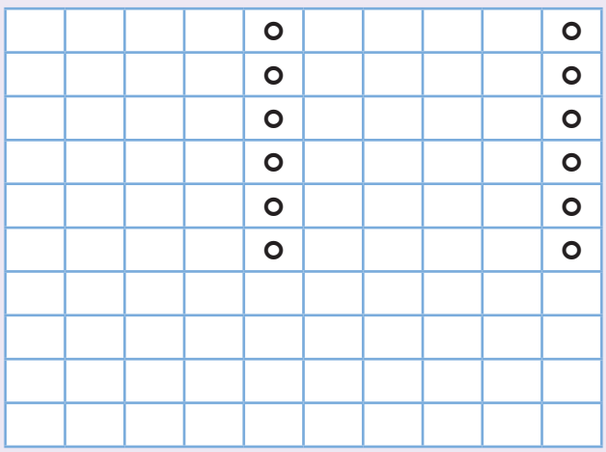
Dipatrone tša kriti

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

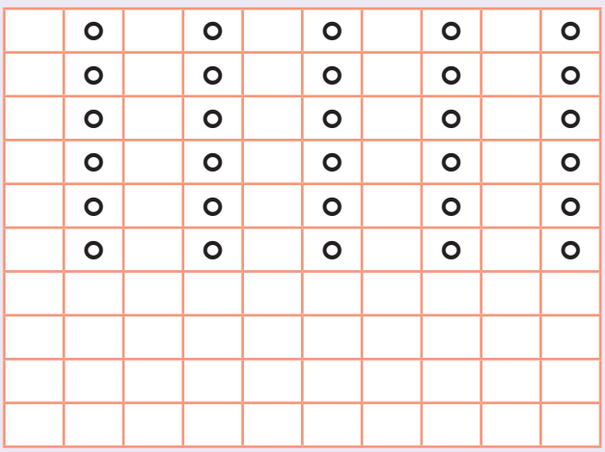
Thala didiko tše dingwe gape go feleletša patrone ye nngwe le ye nngwe.

Ngwala leina la patrone ye nngwe le ye nngwe.

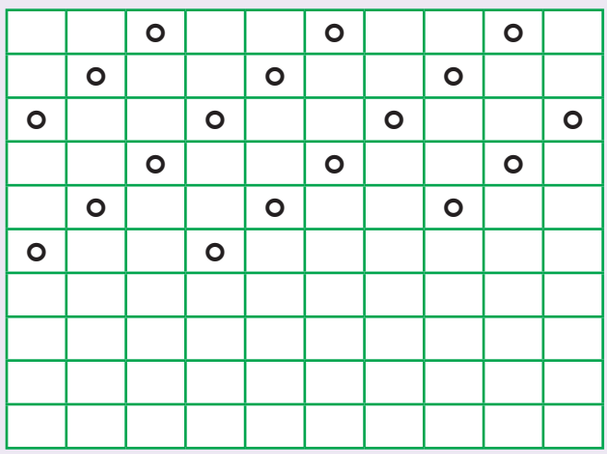
a. Patrone: _____



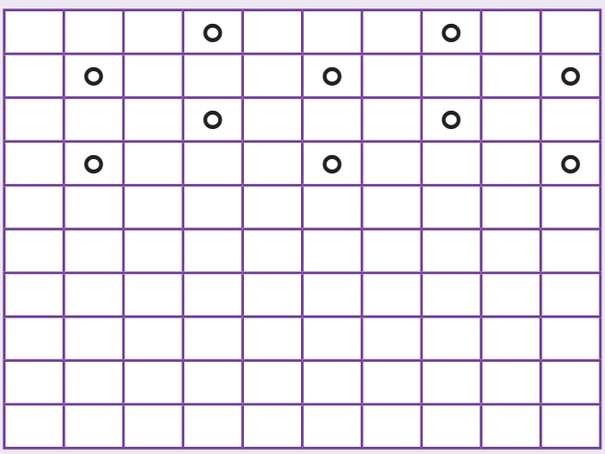
b. Patrone: _____



c. Patrone: _____



d. Patrone: _____



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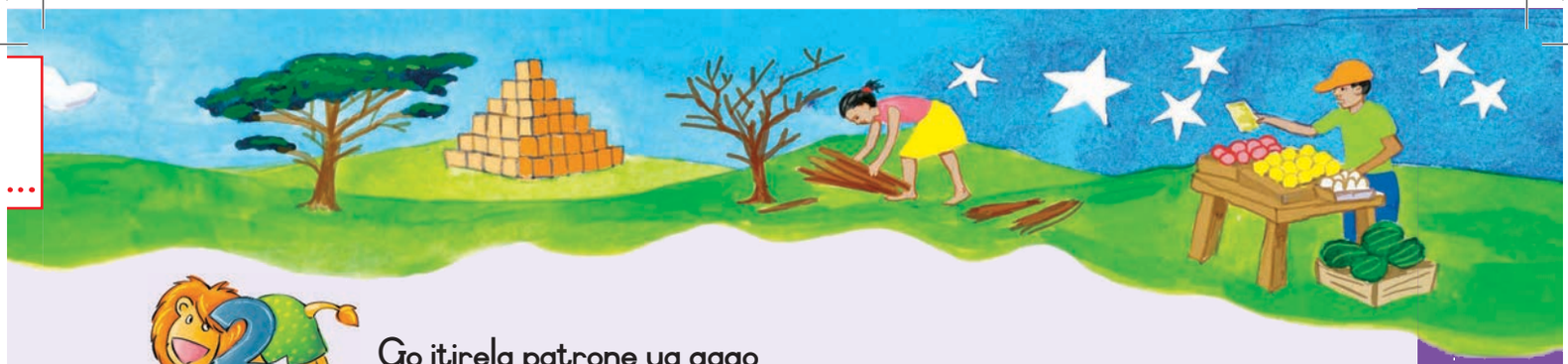
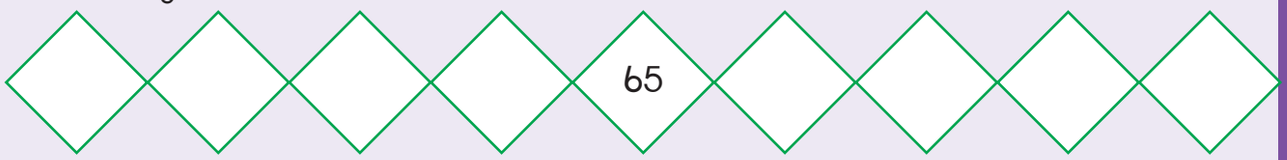


Go itirela patrone ya gago

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



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





Na ke tša mo kae?

48	32	12	36	40	84	45
90	80	15	24	72	150	75

Patrone ya di-3 le ya di-4	Patrone ya di-3 le ya di-5	Patrone ya di-4 le ya di-5
Mohlala: 48		



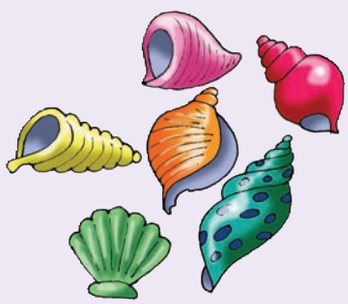
Lewatle

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 šalelwa ke tše 4.

Dinomoro tše di kgonagalago ke: _____, _____.

Phuki o na le dikgopa tše kae? _____.



Teacher:
Sign:
Date:

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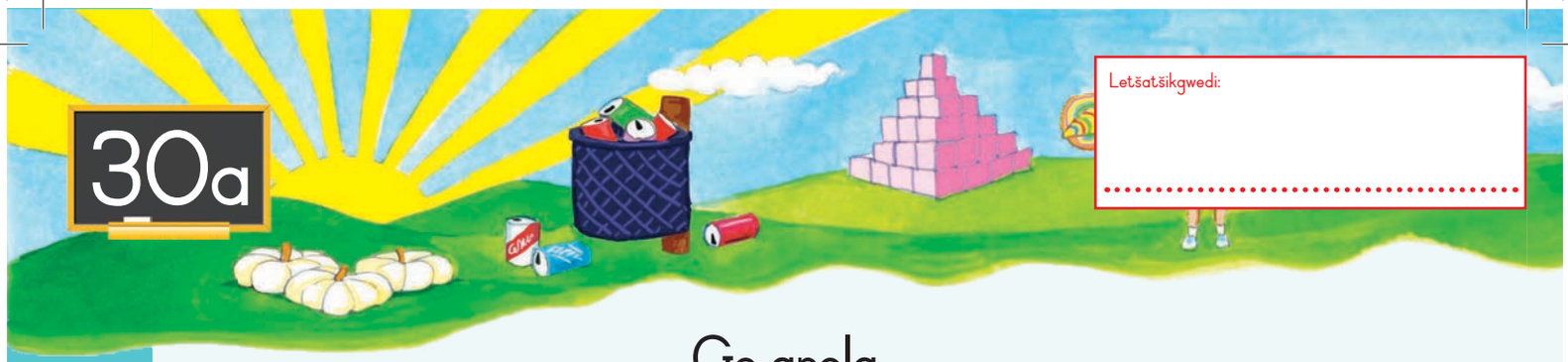


30a

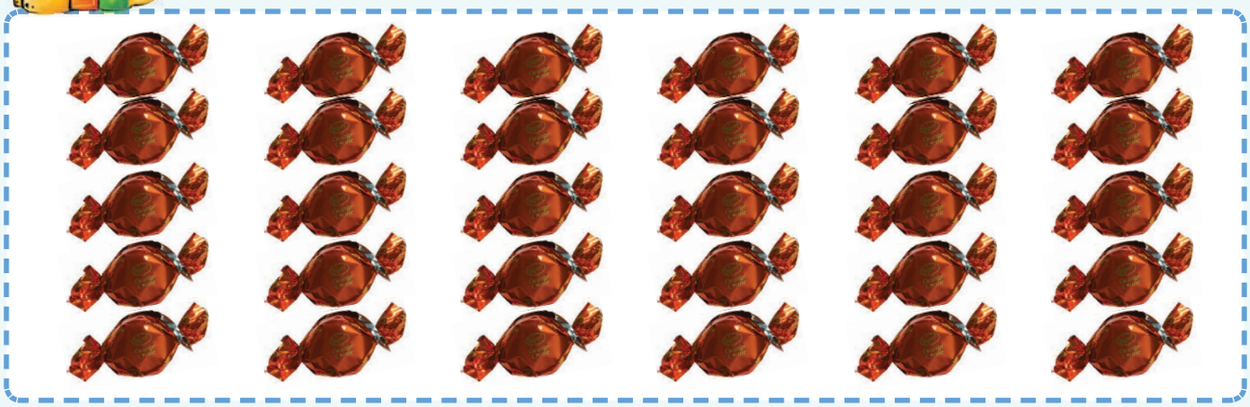
Letšatšikgwedi:

.....

Go arola



Abaganya malekere:



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



Re ka e ngwala bjale

30 ÷ 2 = 15

b. Abaganya malekere magare ga bana ba 3.



÷ =

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



÷ =

Kotara ya I

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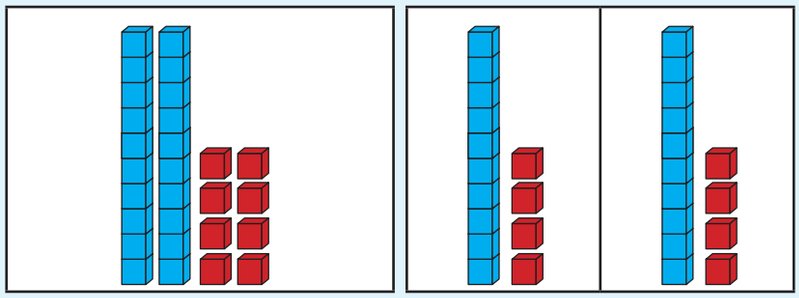
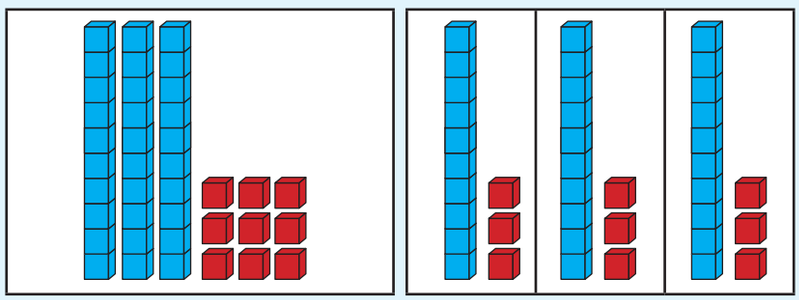
Re ka šomiša dipoloko tša dinomoro go dira karolo.



28 ÷ 2 = 14

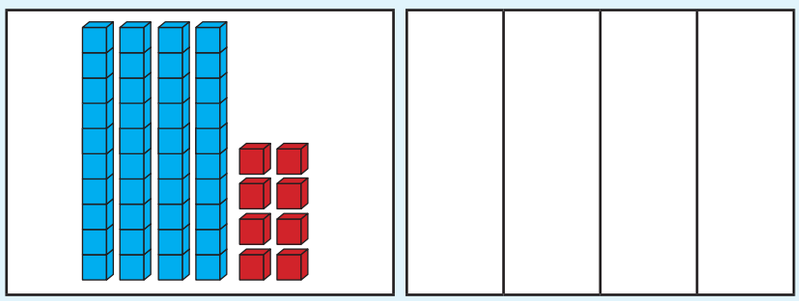
Bjale dira tše:

a.



÷ 3 =

b.



÷ 4 =

Teacher:

Sign:

Date:

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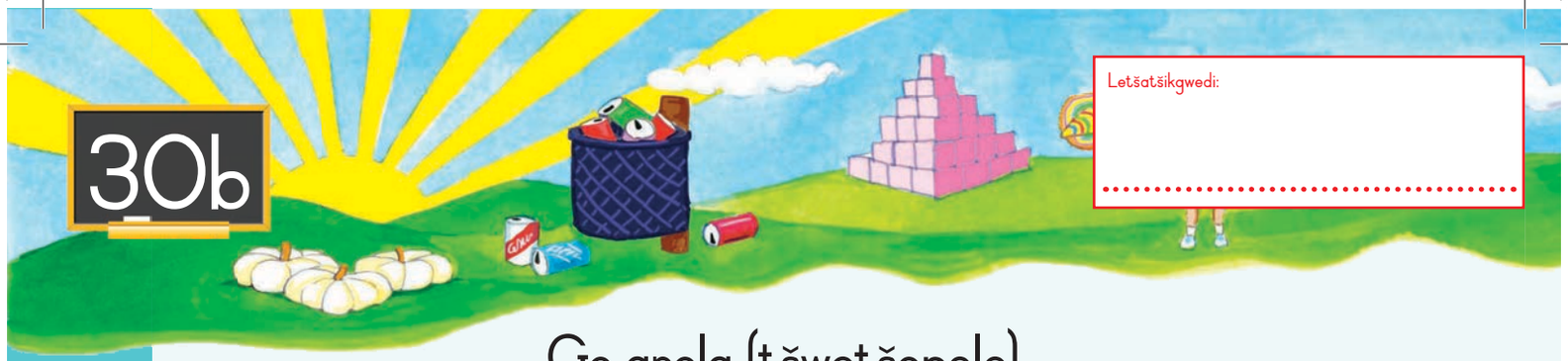


30b

Letšatšikgwedi:

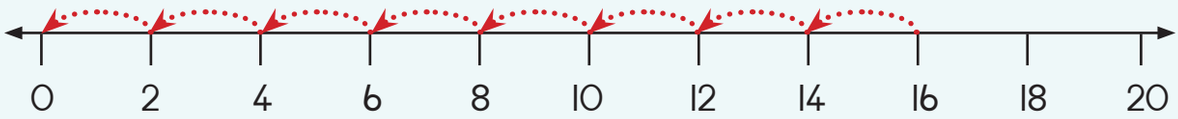
Go arola (tšwetšopele)

Kotara ya I



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

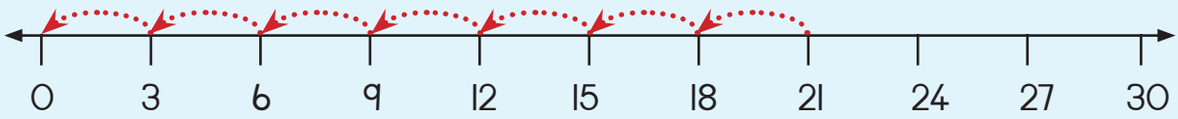
Mohlala:



16 − 2 − 2 − 2 − 2 − 2 − 2 − 2 − 2 = 0

16 ÷ 2 = 8

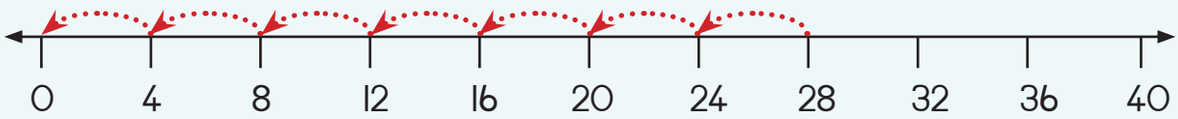
a.



21 − _____ = _____

☐ ÷ ☐ =

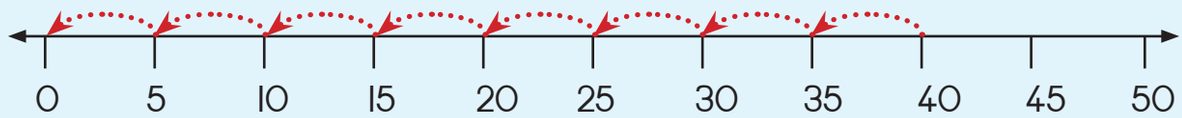
b.



28 − _____ = _____

☐ ÷ ☐ =

c.



___ − _____ = _____

☐ ÷ ☐ =

1 2 3 4 5 6 7 8 9 10

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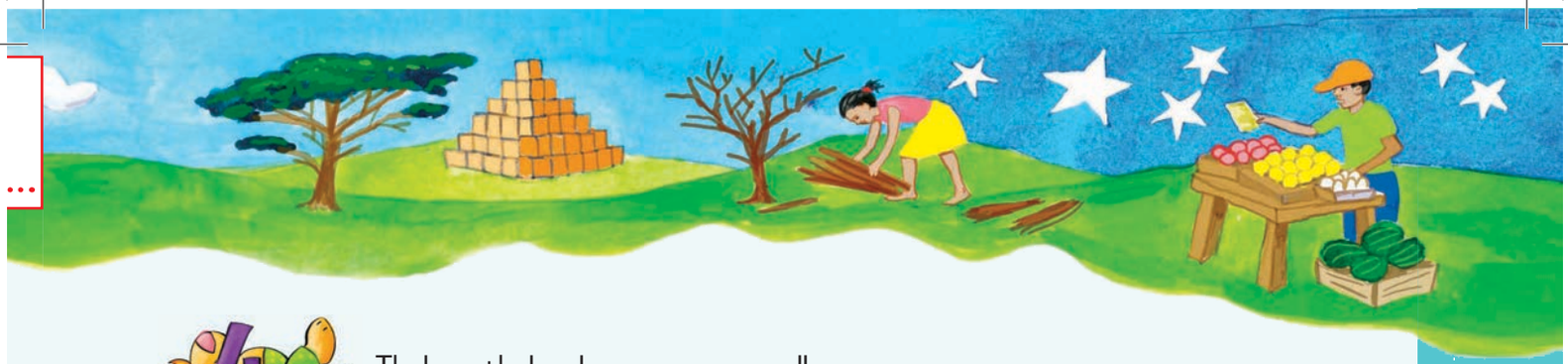


Thala mothalopalo gomme o e rarolle.

a. 30 ÷ 5 =

b. 22 ÷ 2 =

c. 27 ÷ 3 =

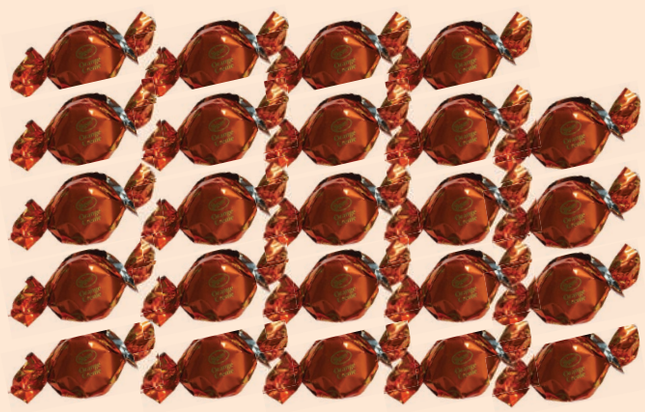
d. 32 ÷ 4 =

e. 25 ÷ 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:

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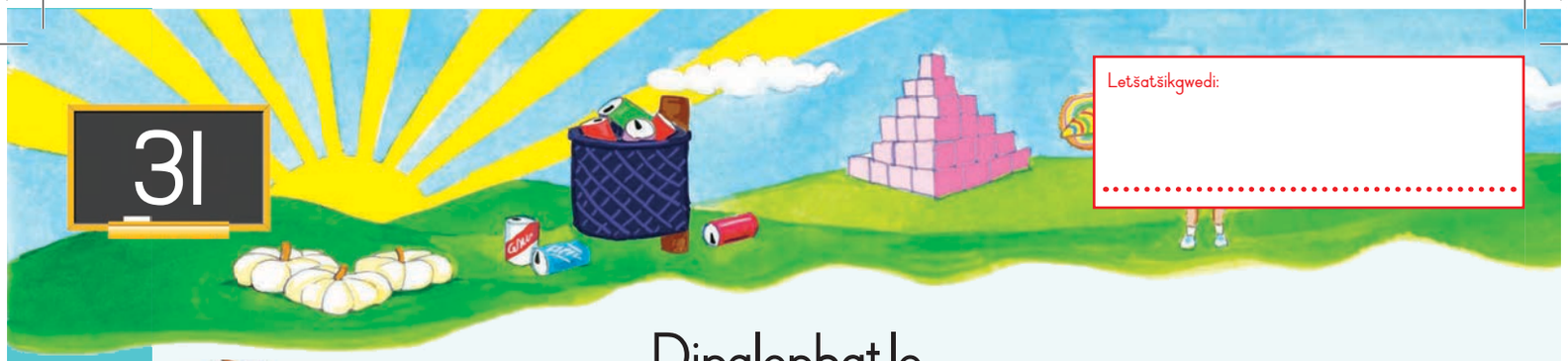
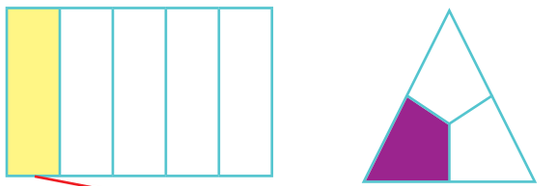


Letšatšikgwedi:

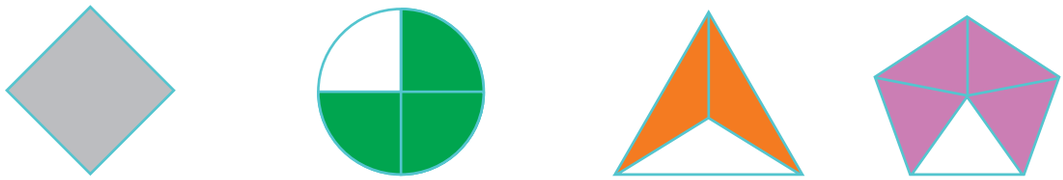
Dipalophatlo



Thala methalo go nyalanya dibopego le dipalophatlo.



Teetharong $\frac{1}{3}$ Teetlhanong $\frac{1}{5}$ Kotara $\frac{1}{4}$ Seripagare $\frac{1}{2}$

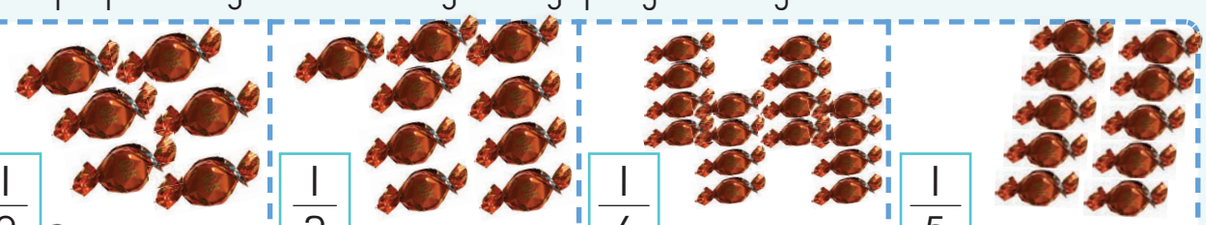


Tharonneng $\frac{3}{4}$ Nnetlhanong $\frac{4}{5}$ Tee $\frac{1}{1}$ Peditharong $\frac{2}{3}$

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

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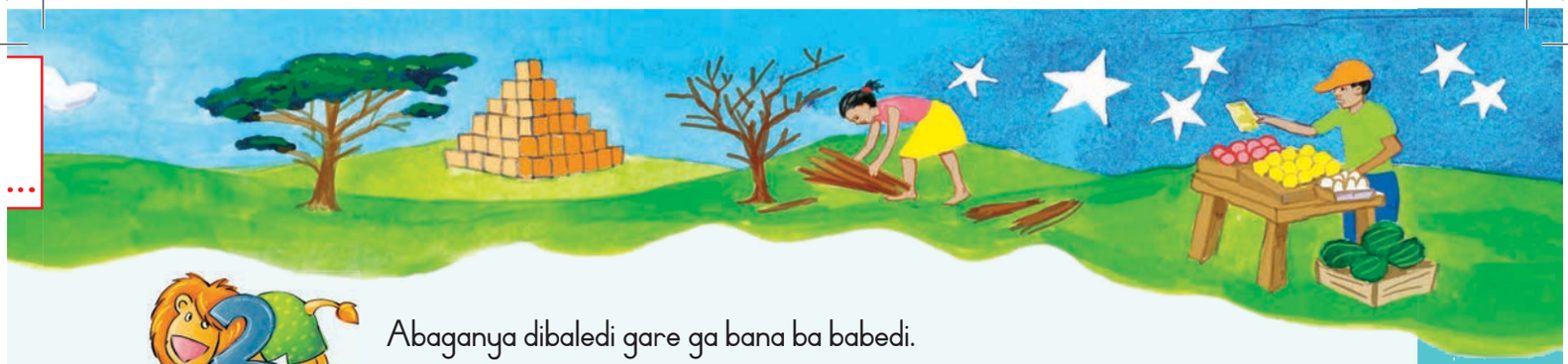
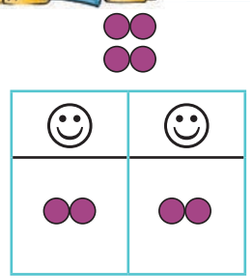
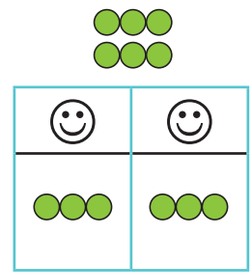
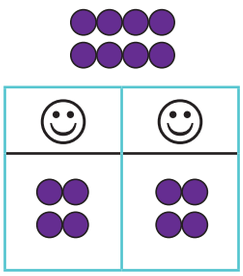
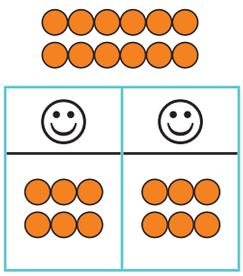
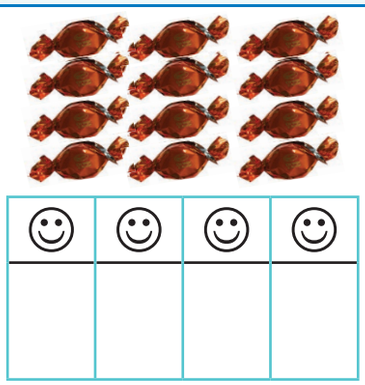
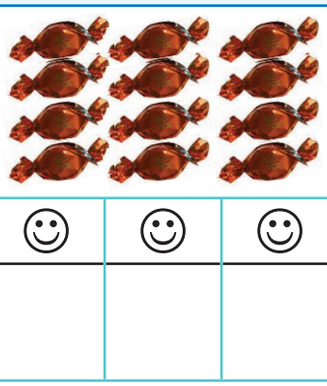


Abaganya dibaledi gare ga bana ba babedi.

			
• Re hweditše dibaledi tše 2 yo mongwe le yo mongwe. • Seripagare sa dibaledi tše 4	• Re hweditše dibaledi tše ___ yo mongwe le yo mongwe. • ___ ya dibaledi tše ___ ke ___.	• Re hweditše dibaledi tše ___ yo mongwe le yo mongwe. • ___ ya dibaledi tše ___ ke ___.	• Re hweditše dibaledi tše ___ yo mongwe le yo mongwe. • ___ ya dibaledi tše ___ ke ___.
4 ÷ 2 = 2	___ ÷ ___ = ___	___ ÷ ___ = ___	___ ÷ ___ = ___



Abaganya malekere magare ga bana.

	
• kotara malekere = 3 • pedinneng malekere = ___ • tharonneng malekere = ___ • nnenneng malekere = ___	• teetharong malekere = ___ • peditharong malekere = ___ • tharotharong malekere = ___



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Letšatšikgwedi:

Ka ga nako

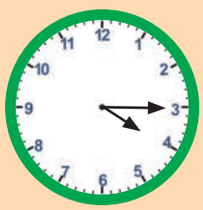


Ka go la mmagoja

Re ka ngwala nako ka tsela tša go fapana.

		
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 fapana.

		
_____ _____ _____	_____ _____ _____	_____ _____ _____

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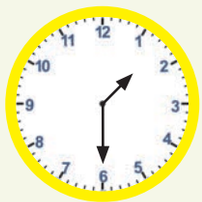
Go ya gae

Na Maremo o tšea sebaka se sekaakang 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						
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	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Mosegamanye						
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

Moranang 27 ke Letšatši la Tokologo.

Mosegamanye 16 ke Letšatši la Bafsa.

a. Go tloga go Letšatši la Tokologo go fihla go Letšatši la Bafsa go na le dikgwedi tše di tletšego 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? _____

Teacher:
Sign:
Date:

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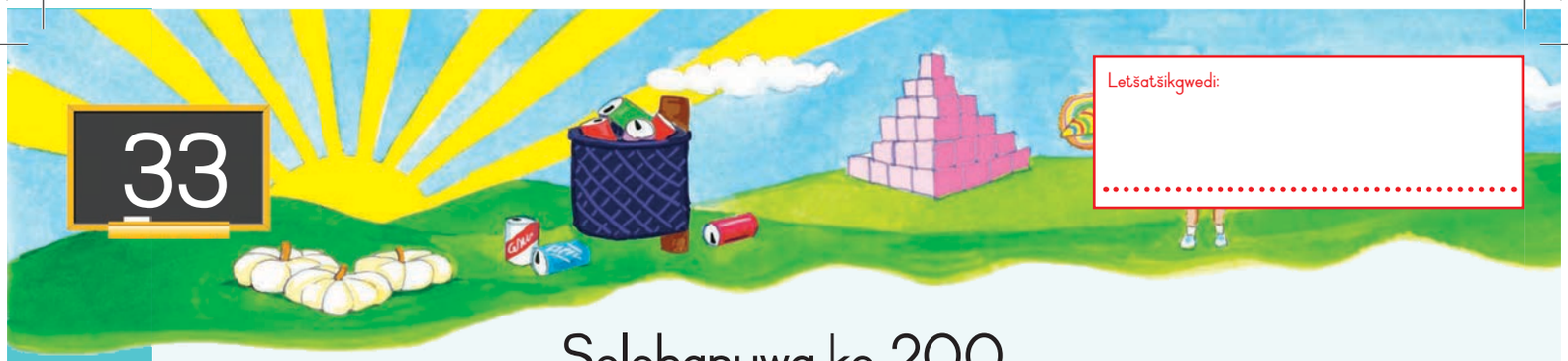


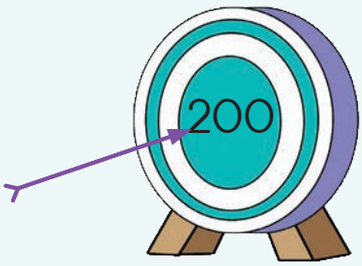
33

Letšatšikgwedi:

Selebanywa ke 200



Go bala dinomoro



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



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



Go ngwala dinomoro

a. Ngwala nomoro ye e sego gona ka gare ga sekwere se sengwe le se sengwe se setalalerata.

b. Ngwala dinomoro ka moka.

c. Ngwala dinomoro tše 10 tšeo di tlago ka morago ga 200.

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

1 2 3 4 5 6 7 8 9 10

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3 Ngwala dinomoro tše di tlogetšwego

a.

200		180			
					110
50					
					0

b.

87		107	
167			
		207	
			237

4 Feleletša

200	+	30	+	5	=	235
200	+	40	+	7	=	____
200	+	60	+	8	=	____
	+		+		=	293
	+		+		=	256

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

_____

_____

_____

_____

_____

5 Go bala go tloga go 100

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

Thoma: 100 —+25→ 125 → ____ → 129 → ____ → 138 → ____ → 145

Fetša: 168 ← ____ ← 157 ← ____ ← 151 ← ____ ← 145

Teacher:
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34

Letšatšikgwedi:

.....

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 lepokisi le lengwe le 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? _____

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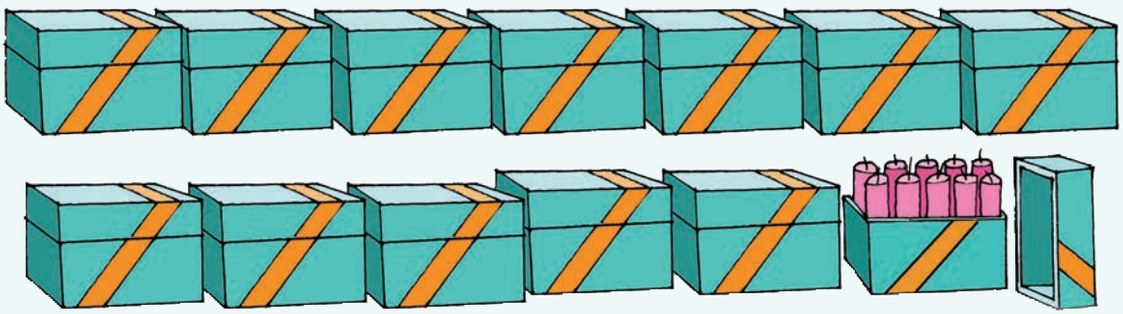
Mapokisi a dikerese

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 a7? _____

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

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

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Date:

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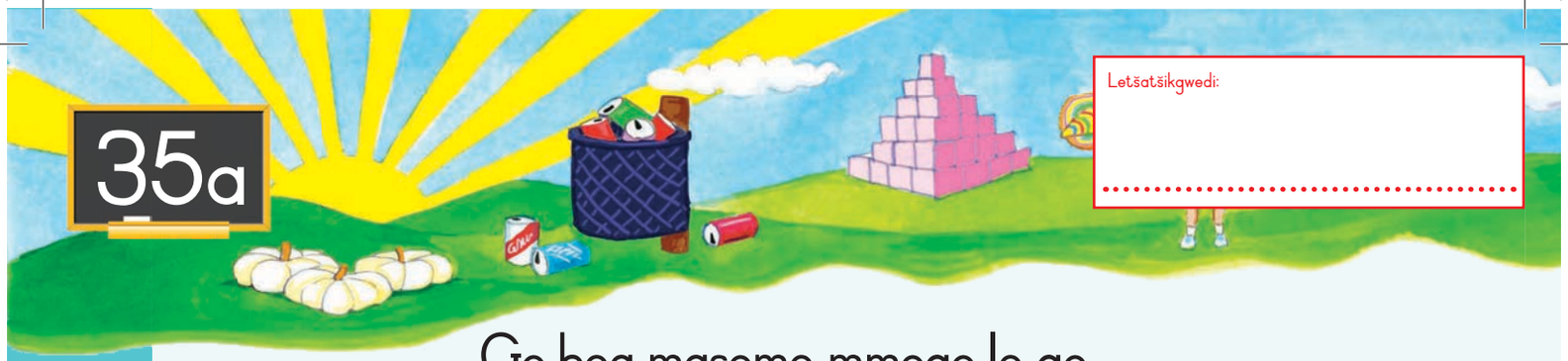

35a

Letšatšikgwedi:

Go bea masome mmogo le go a aroganya



Go bea masome mmogo ge re hlakanya go fihla go 999

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 1.

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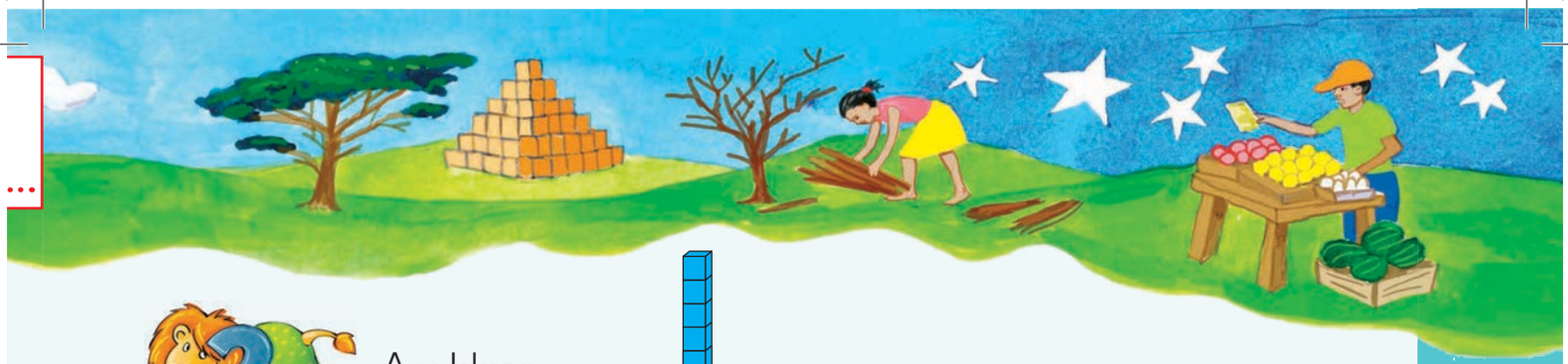
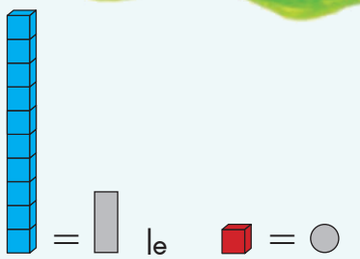
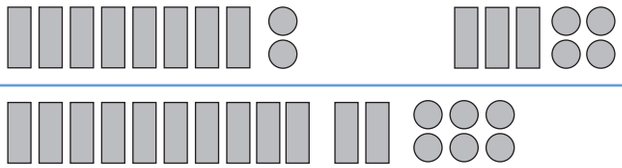


A re lekeng.

Mohlala: 82 + 34





100 + 20 + 6 = 126

a. 65 + 52

b. 76 + 63

c. 86 + 65





35b

Letšatšikgwedi:

.....

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	11 masome + 12 metšo = 110 + 12	122
38 + 25 =	_____ masome _____ metšo		
77 + 31 =	_____ masome _____ metšo		
68 + 45 =	_____ masome _____ metšo		
83 + 47 =	_____ masome _____ metšo		

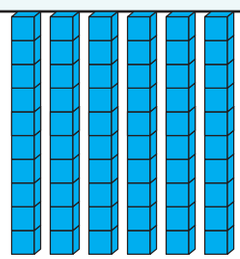
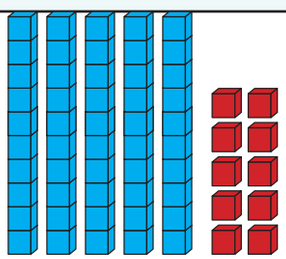
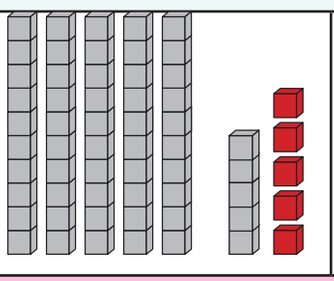


Go aroganya masome ge re ntšha

Ge re ntšha, ka nako tše dingwe re swanetše go laetša lesome le tee bjalo ka di-1 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. (Tšeo re di ntšhago re di khalara ka mmala wo mopududu)

		
Re ka kgona 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

1 2 3 4 5 6 7 8 9 10

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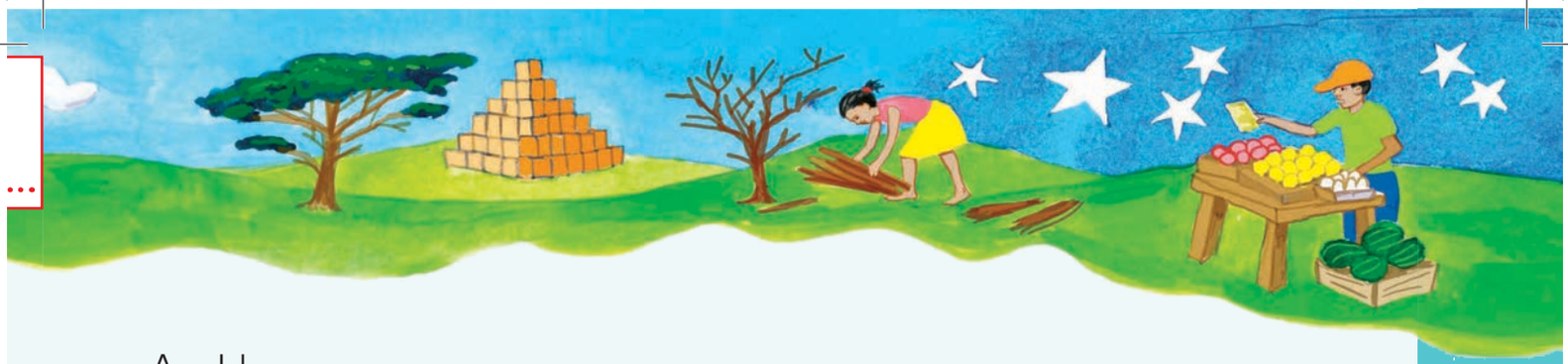

A re lekeng.

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	





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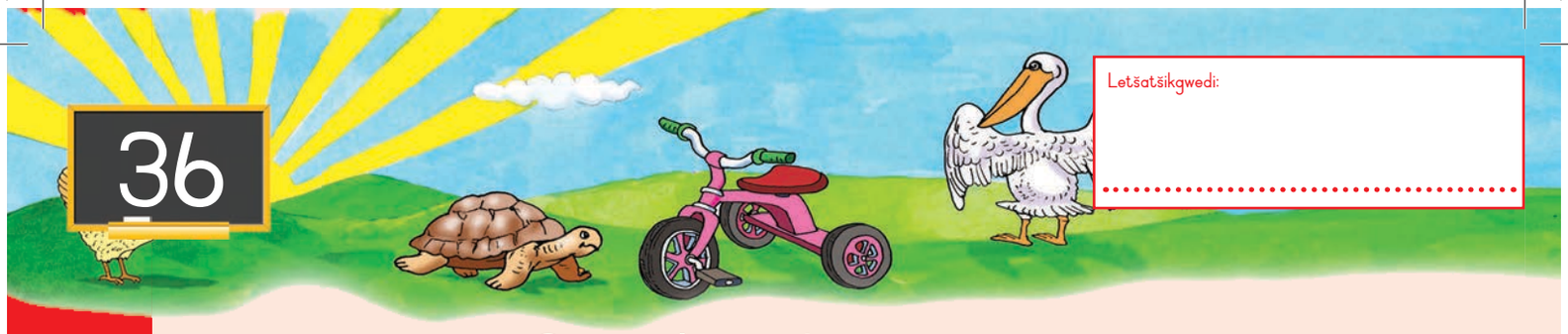


36

Letšatšikgwedi: .....

Go etela ngaka ya meno



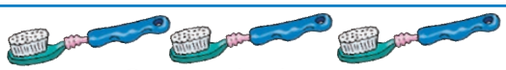
Sehlopha sa bana se etela ngaka ya meno.



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.



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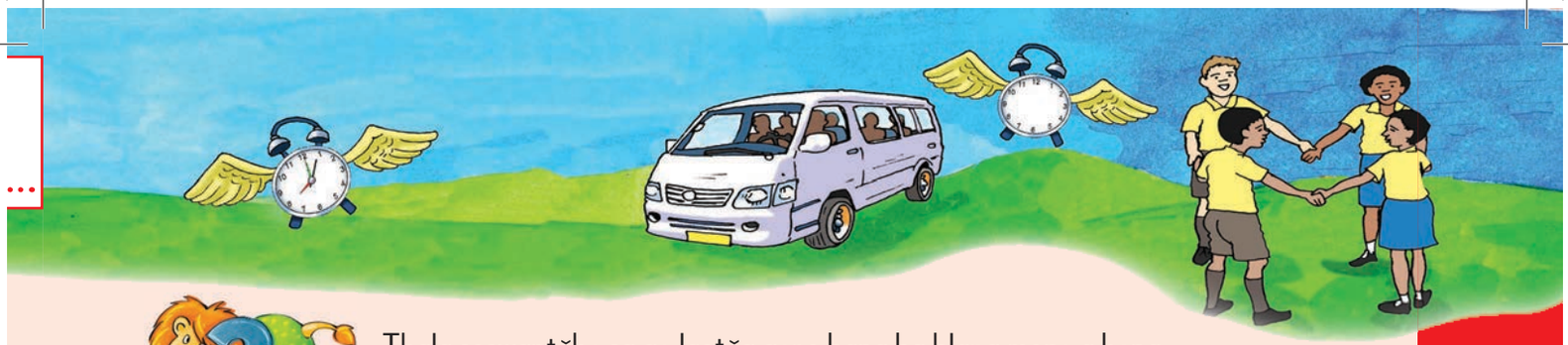



Thala seswantšho sa go laetša gore bana ba hlapa meno a bona gakae ka letšatši.

 = gatee



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

a. Ba hlapa meno gakae ka letšatši? _____

b. Thala seswantšho sa go swana le sa ka godimo go laetša seo o se lemogilego.

Teacher:
Sign:
Date:

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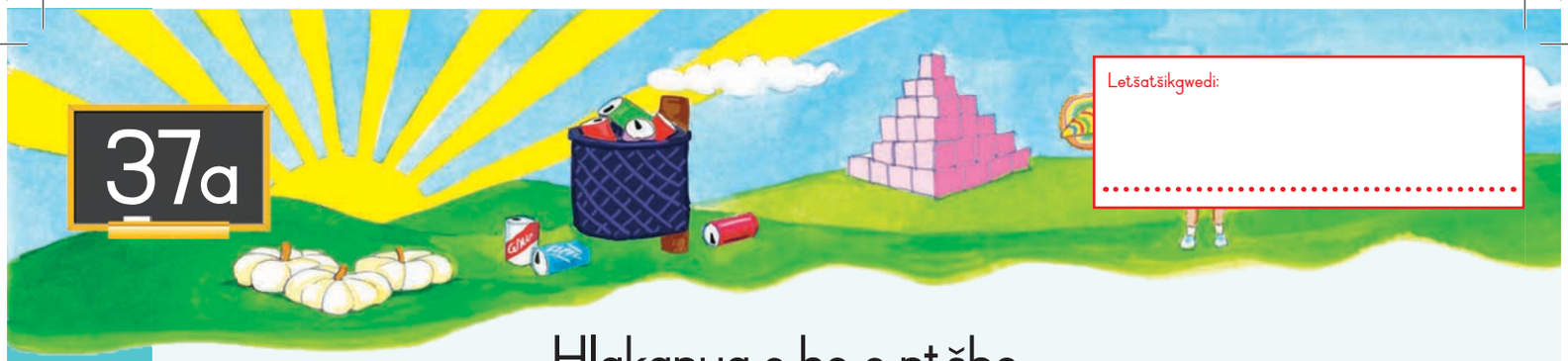


37a

Letšatšikgwedi:

Hlakanya o be o ntšhe

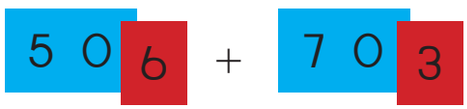


Ngwala dipalo tša gago



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:

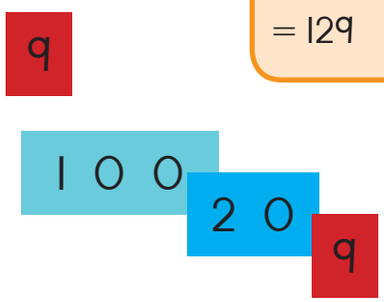


O hlakanya metšo a bea karata ya di-9 fase.

O tseba gore: 50 + 70 = 120.

O tšea karata ya di-100, le ya di-20 le ya di-9

go bopa palo ya mahlakoretharo



O e ngwala ka tsela ye:

50 + 70 + 6 + 3
= 50 + 70 + 9
= 120 + 9
= 100 + 20 + 9
= 129



Phuki o tseba ka mo dipoloko di šomago:

50 + 6 + 70 + 3

120 + 9

= 129



Ackar o rata go feleletša.

Ye o e dira ka tsela ye:

56 + 73
= 50 + 70 + 10 − 1
= 130 − 1 = 129

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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:

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Date:

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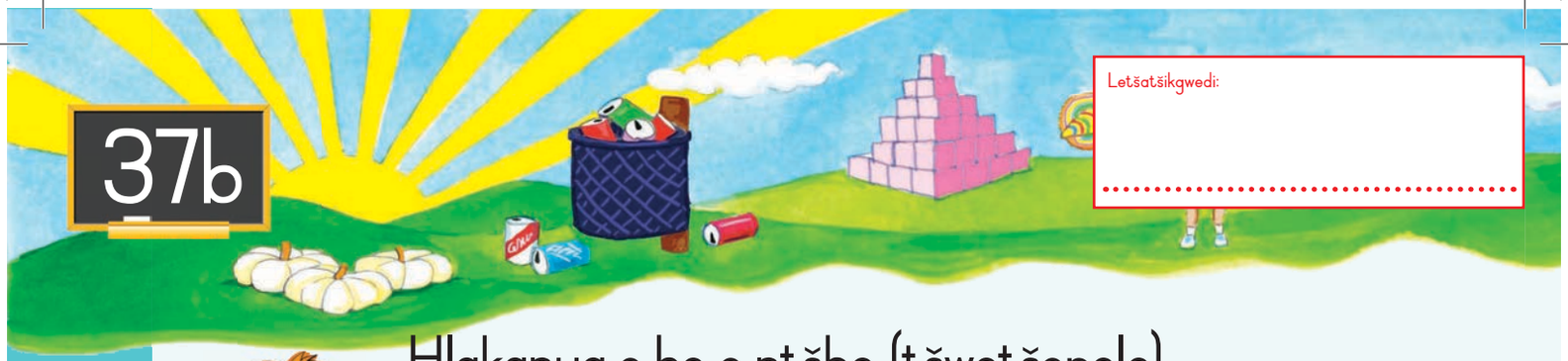

37b

Letšatšikgwedi:

.....

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

= 30 + 4

= 34

b. 95 – 73

c. 86 – 62

d. 85 – 69

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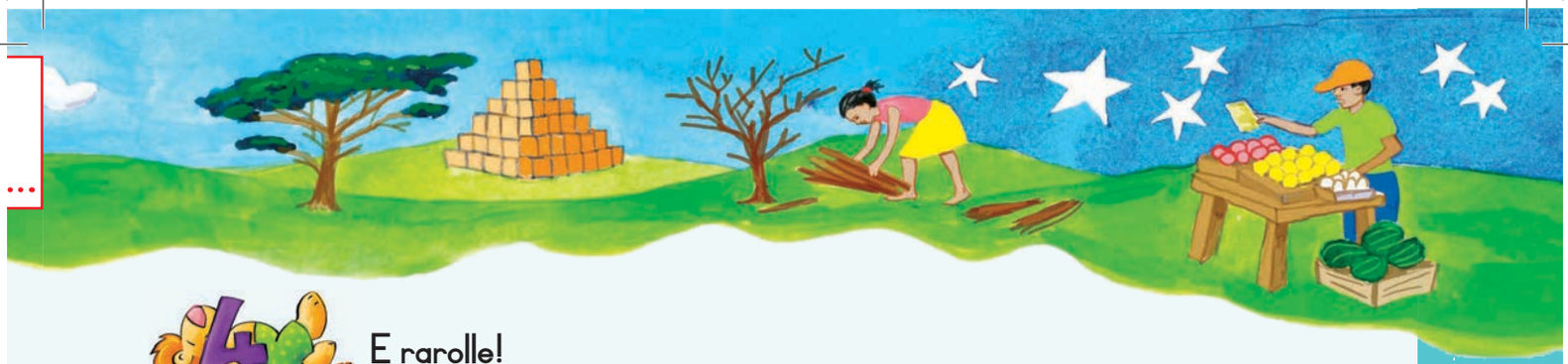

E rarolle!

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 tšea leeto la 88 km mo mesong le 73 km ka meriti.
Ke dikolometara tše kae ge di hlakana?



Teacher:
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Date:

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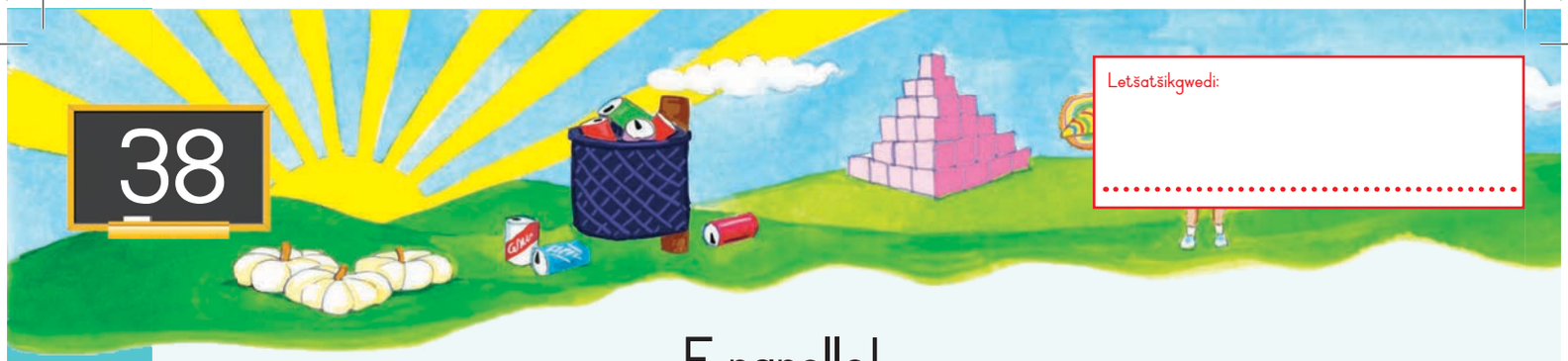

38

Letšatšikgwedi:

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 dithekethe. O thomile go rekiša dithekethe tše 92. O šetše ka tše 67.

Na Tumišo o rekišitše dithekethe tše kae ka moka?

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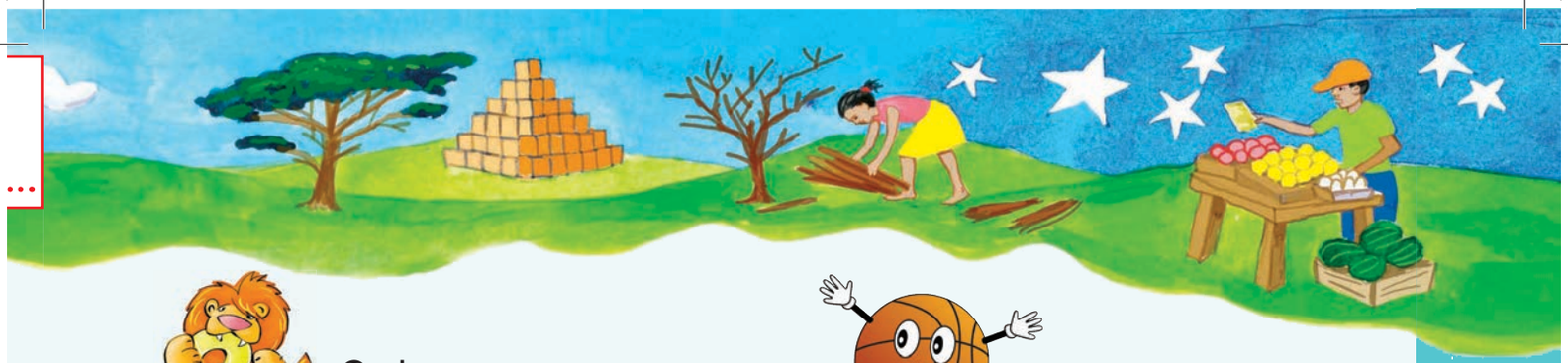
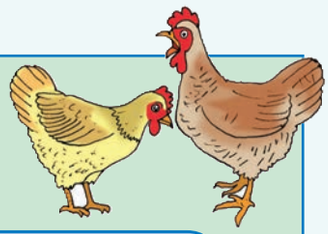


Go ihuta tšona mo gongwe gape.

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.



Tsela ya Rati

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



Tsela ya Ackar

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



a. Bašemane ba kgoboketša R96 ya leeto la phaposi. 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 tšeo dikolo tše pedi di di kgobokeditšego?

Šomiša mokgwa wa Rati	Šomiša mokgwa wa Ackar



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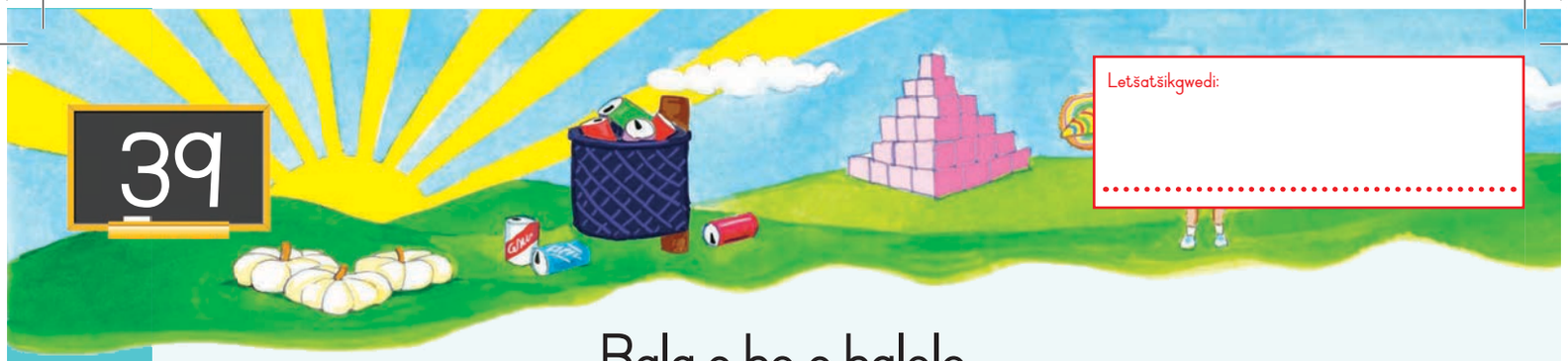


39

Letšatšikgwedi:

Kotara ya 2

Bala o be o balele



Go hwetša karolo

Ngwala dinomoro tšeo 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.

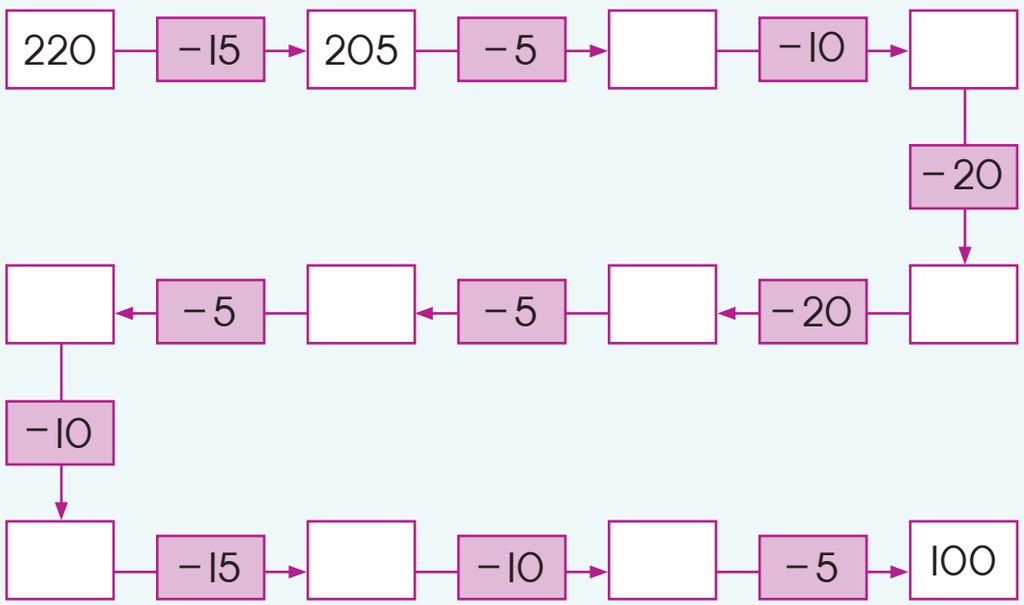
200	
	120



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.

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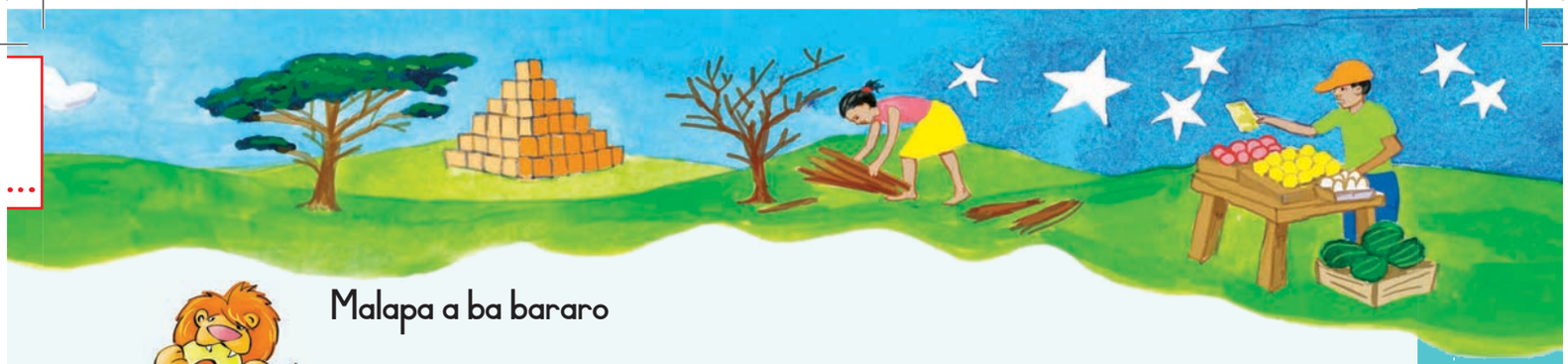


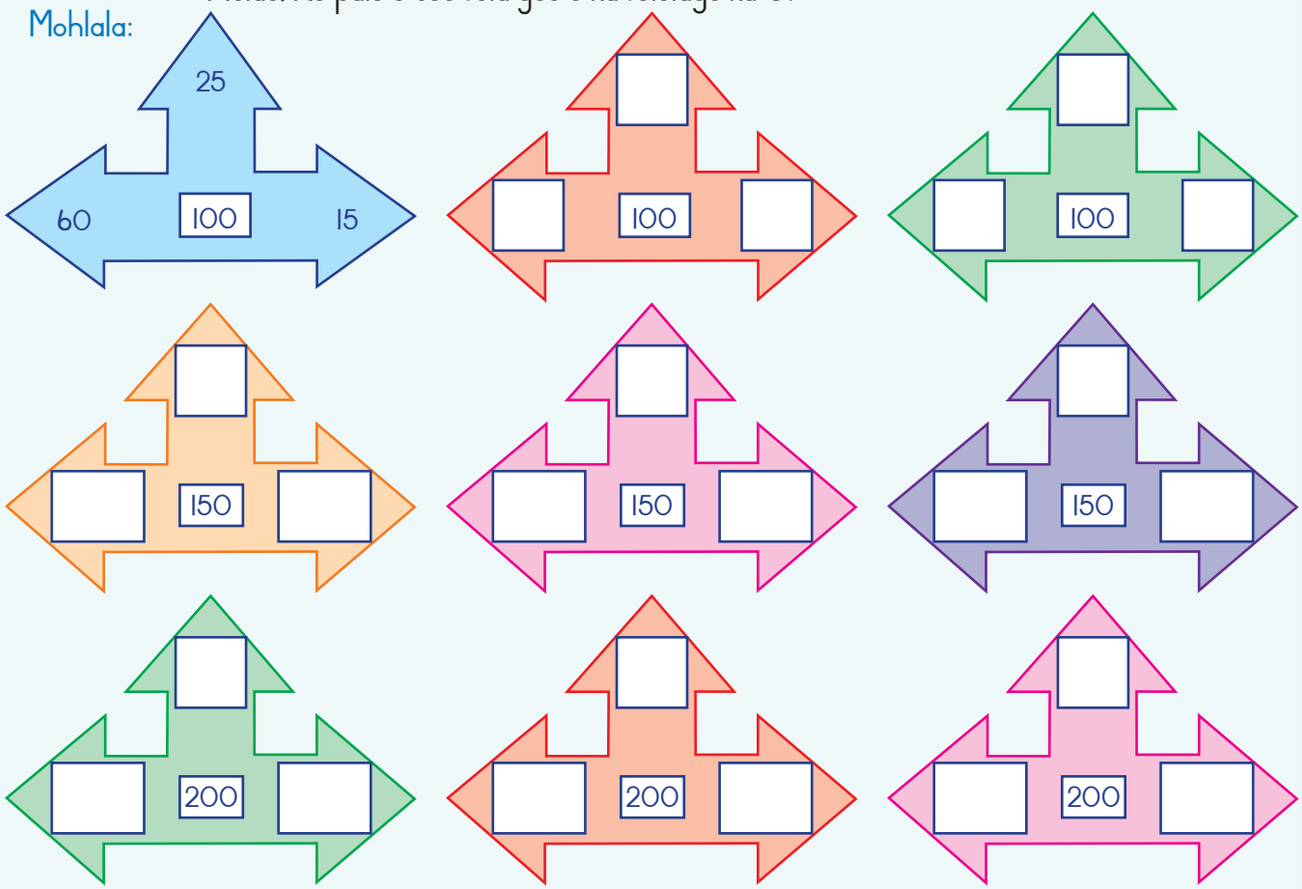


Malapa a ba bararo

Hwetša dinomoro tše 3 tšeo di dirago palo ya tebanyo.

Molao: Ke palo e tee fela yeo e ka felelago ka 0.

Mohlala:





Oketšega ka 50, gape, fokotšega ka 50

Ngwala dikarabo mothalading wa bo 2.

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

Teacher:
Sign:
Date:

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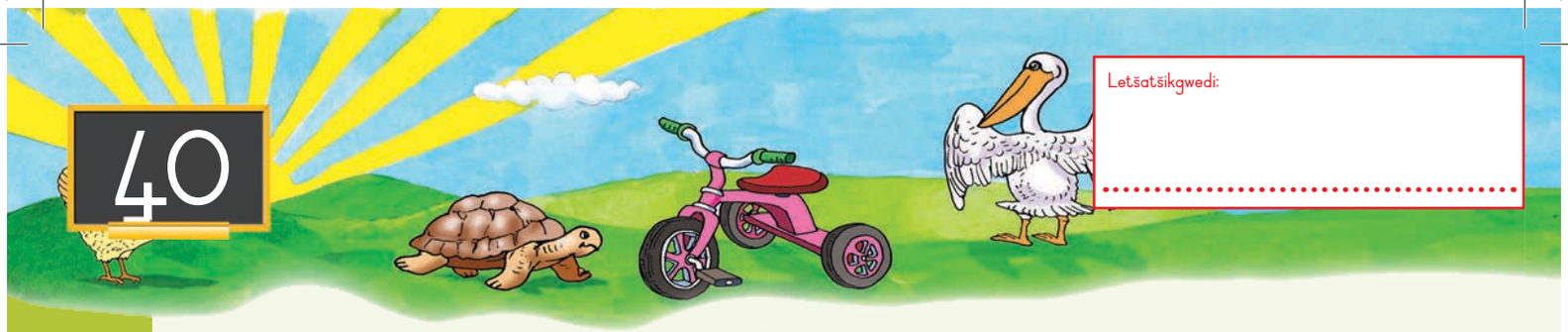


40

Letšatšikgwedi:

Go ela ka disentimetara



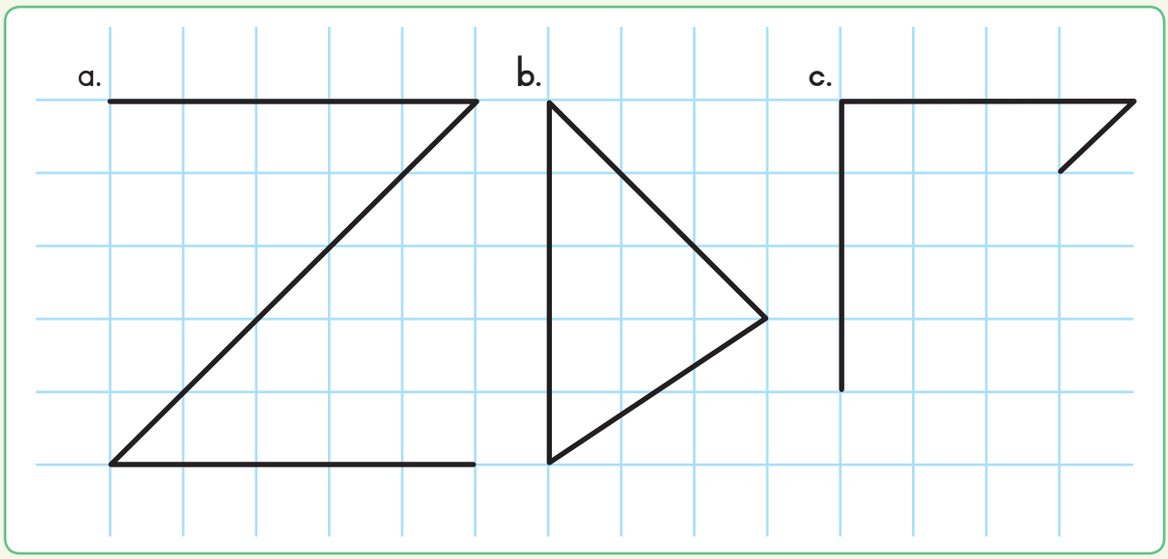
Na bogolo bja sentimetara ke bjo bokaakang?



Dinomoro tšeo 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 0.
Dirula tše dingwe ga di laetše 0 bjalo ka yeo e lego letlakaleng le.
Hwetša cm ya lefeela go rula. Ngwala 0 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. Akanyetša		cm	b. Akanyetša		cm
Meta		cm	Meta		cm

c. Akanyetša		cm
Meta		cm



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

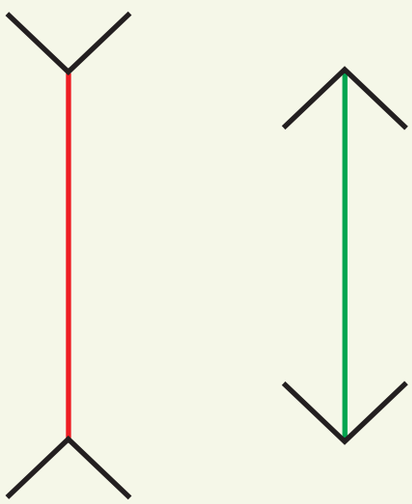
Na mothaladi wo mongwe le wo mongwe ke wo mokae ka botelele?

a. ——— ☐ cm	d. | ☐ cm
b. ——————— ☐ cm	e. ☐ cm
c. — ☐ cm	f. ☐ 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 ka ntle 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.

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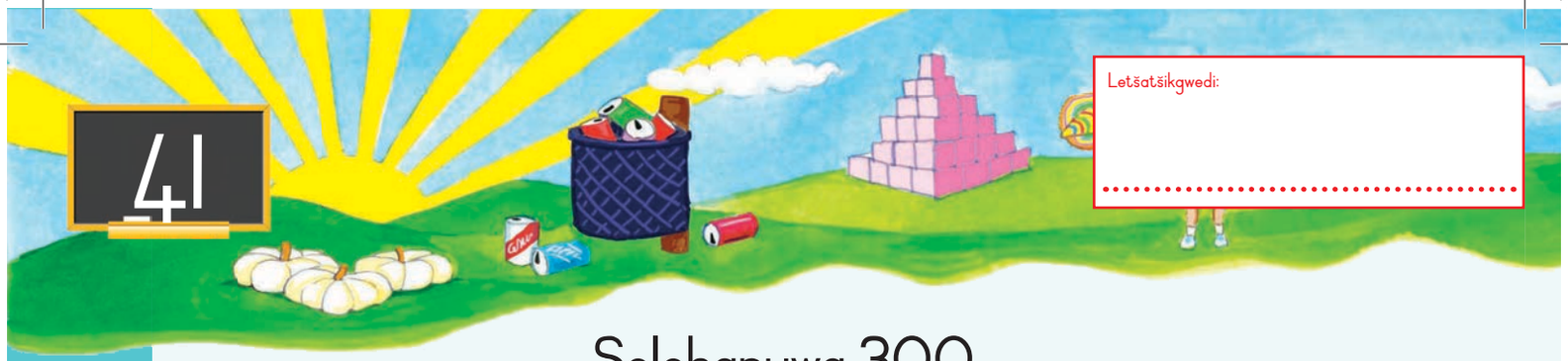

Letšatšikgwedi:

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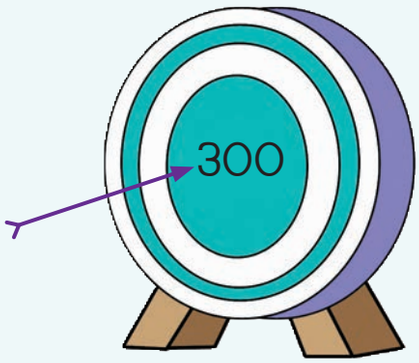
Selebanywa 300



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									
								249	
			254						
				265					
		273							280
281					286				
							298		300



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

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



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Motabogo ke eng?

301		281					
		171					211
						101	

Go bontšha le go bapetša

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

298; 208; 301; 276; 227; 269; 311

200						
90						
8						

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

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

Ngwala dinomoro tše di tlogetšwego.

Thoma: 200 → +25 → 225 → ___ → 237 → ___ → 249 → ___ → 261

Fetša: 300 ← ___ ← 286 ← ___ ← 278 ← ___ ← 261

Teacher:
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Date:

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Letšatšikgwedi:

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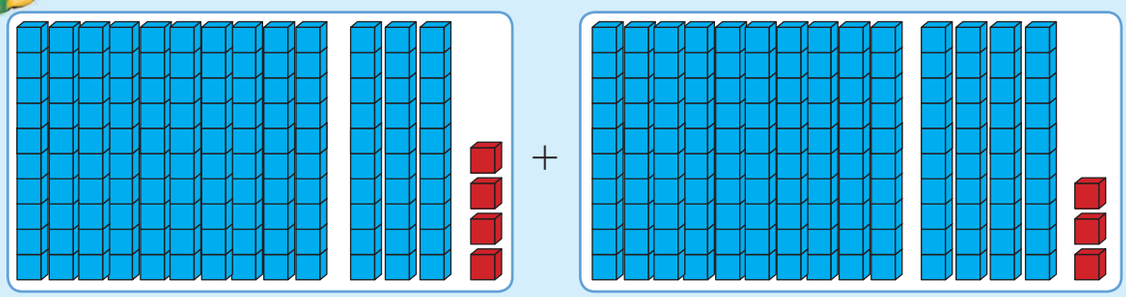
Go hlakanya le go arola ka di-100



Go šomiša dipoloko go hlakanya



100 30 4 + 100 40 3

= 200 70 7

= 277



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

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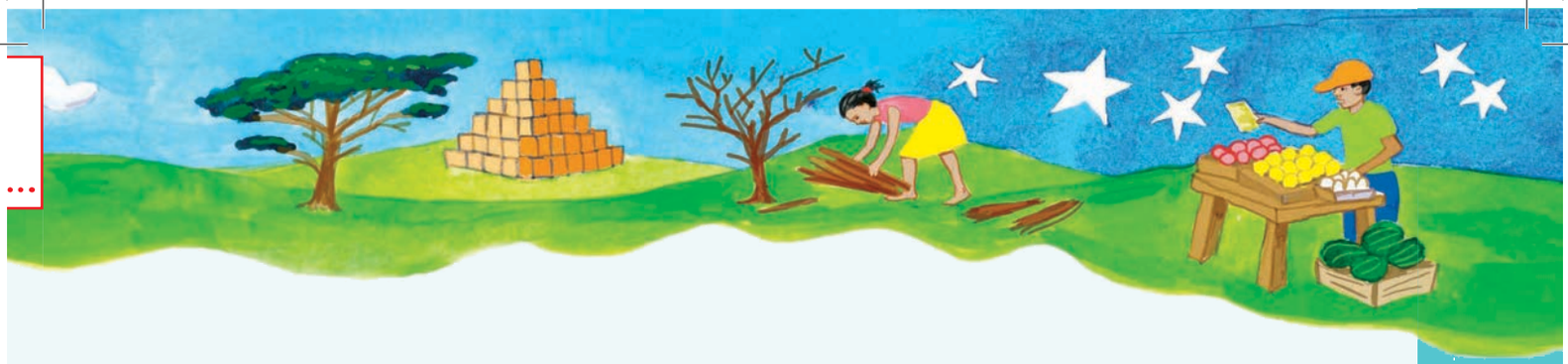

c. 276 + 148

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

= 100 – 100 + 50 – 40 + 8 – 6

= 0 + 10 + 2

= 12



Mokgwa wa Phuki

158 – 146

= 0 + 10 + 2

= 12

b. 194 – 122

c. 288 – 199

Teacher:

Sign:

Date:

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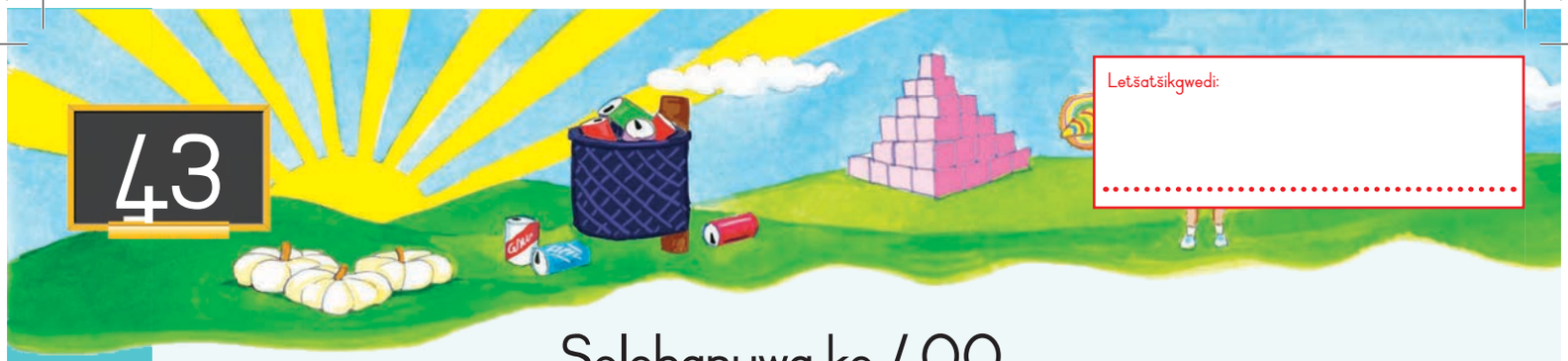


43

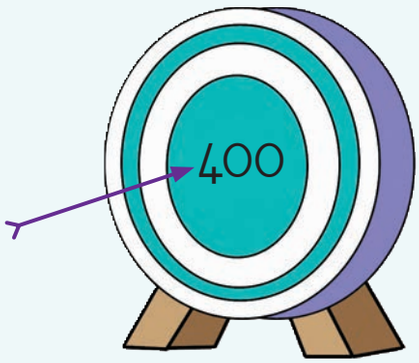
Letšatšikgwedi:

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		
		273							
									390
									400



Ngwala dinomoro tše 9 tše di tlago ka morago ga 400.

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



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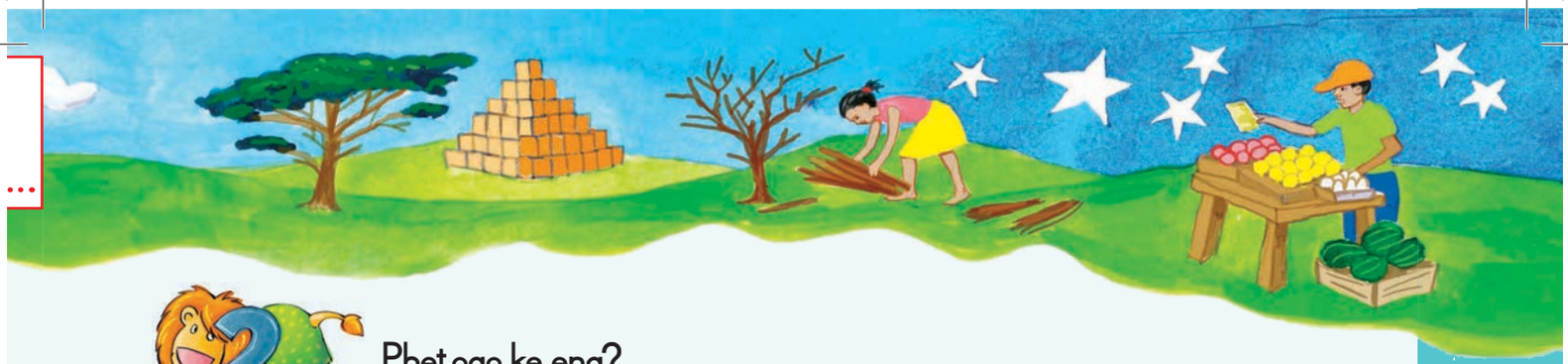

Phetogo ke eng?

a. Go balela pele go tloga go 300

Thoma: 300 → +10 → ☐ → +10 → ☐ → +10 → ☐ → +10 → ☐ → +10 → ☐ Fetša

b. Bala go tloga go 400

Thoma: 400 → −10 → ☐ → −10 → ☐ → −10 → ☐ → −10 → ☐ → −10 → ☐ → −10 → ☐ → −10 → ☐ → −10 → ☐ Fetša



Ngwala bjalo ka nomoro e tee.

300 + 20 + 4 = _____	300 + 10 + 5 = _____
300 + 50 + 3 = _____	300 + 70 + 7 = _____
300 + 60 + 2 = _____	300 + 90 + 9 = _____
300 + 80 + 1 = _____	300 + 40 + 8 = _____

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

_____, _____, _____, _____, _____, _____, _____, _____

Teacher:
Sign:
Date:

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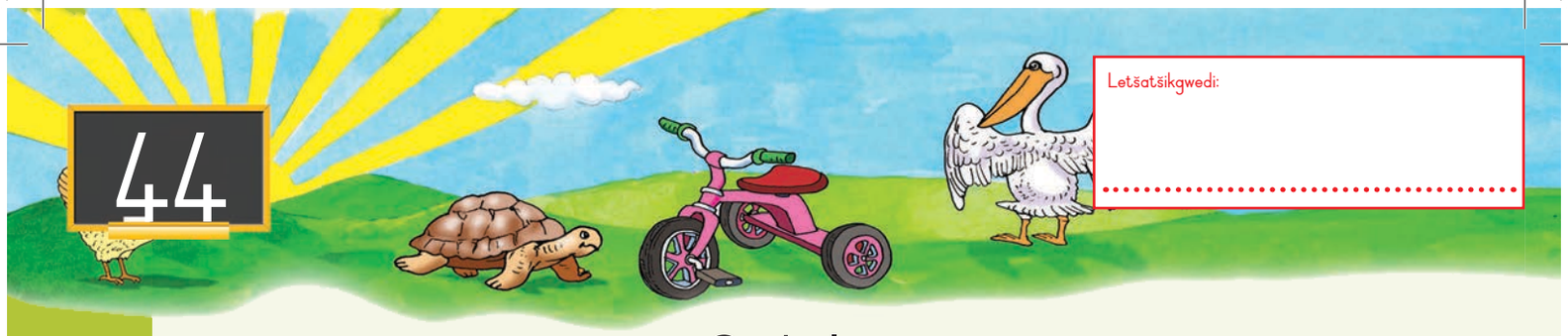


44

Letšatšikgwedi:

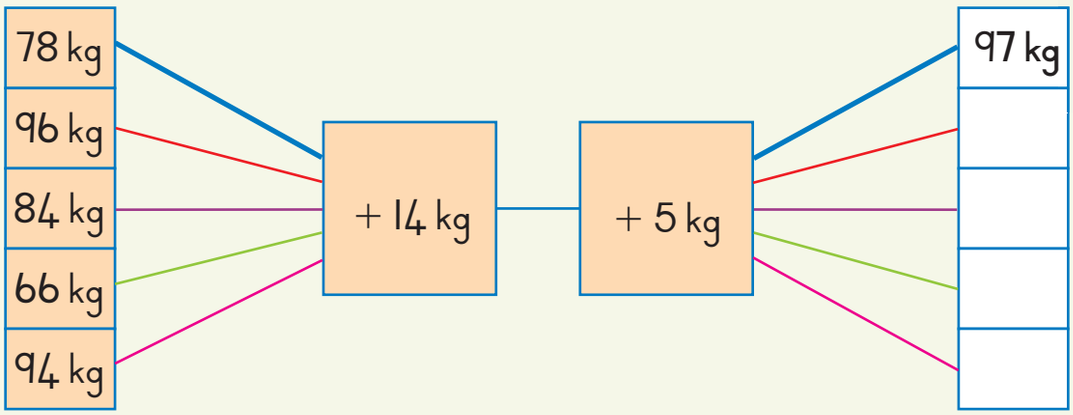
Go kala



Oketša ka dikilogramo tše dingwe

Hlakanya o be o ngwale dikarabo.

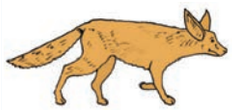
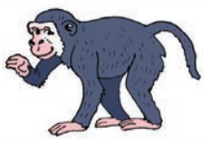






Go feleletša gomme o hlakanye!

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.

_____



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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 tšeo o di hweditšego.
- Akanya boima bja diphoofolo tšeo 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:

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Letšatšikgwedi:

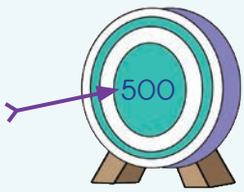
.....

Selebanywa ke 500



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 tšeo di sego gona kriting.

c. Ngwala dinomoro tše 9 tšeo 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; _____; _____; _____; _____; _____; _____; _____; _____

1 2 3 4 5 6 7 8 9 10

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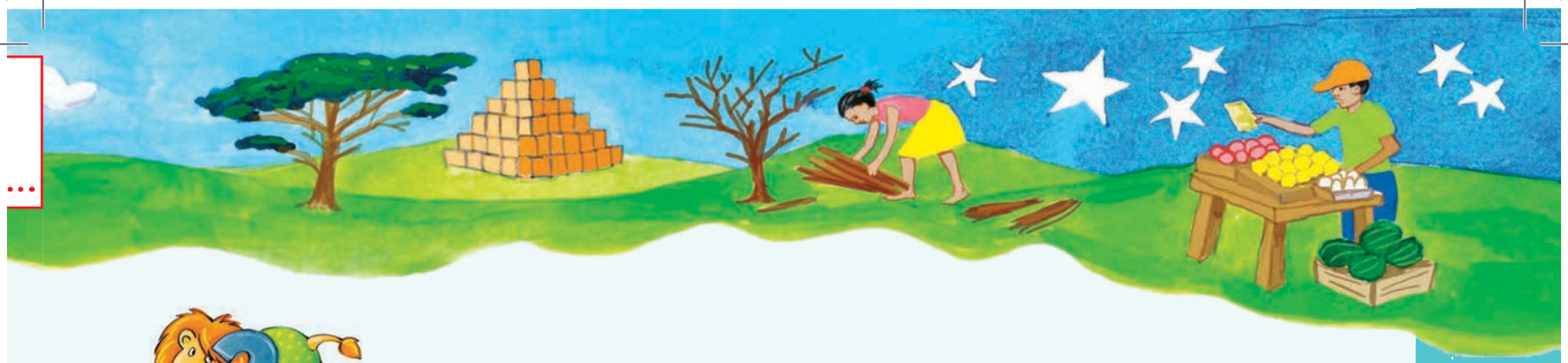
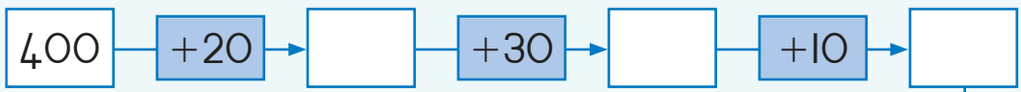




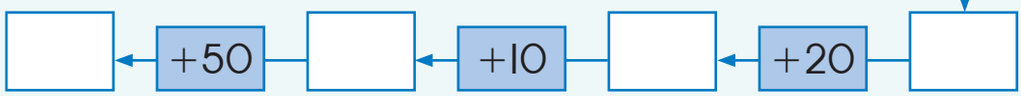
Ngwala dinomoro tše di tlogetšwego.

a. Balela morago go tloga go 400.

Thoma

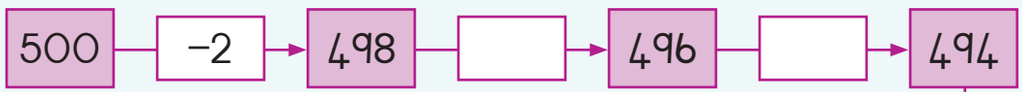


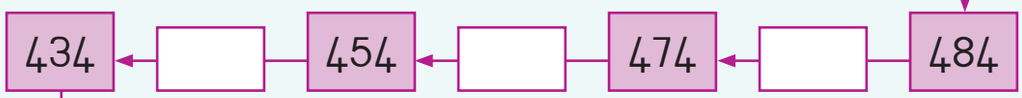
Fetša

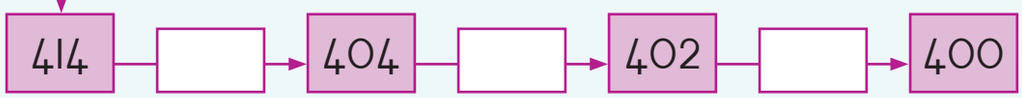


b. Balela morago go tloga go 500.

Thoma







Fetša



Go laetša dinomoro. Latela mohlala.

Hwetša palomoka ya dinomoro tše. šomiša dikarata tša 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		







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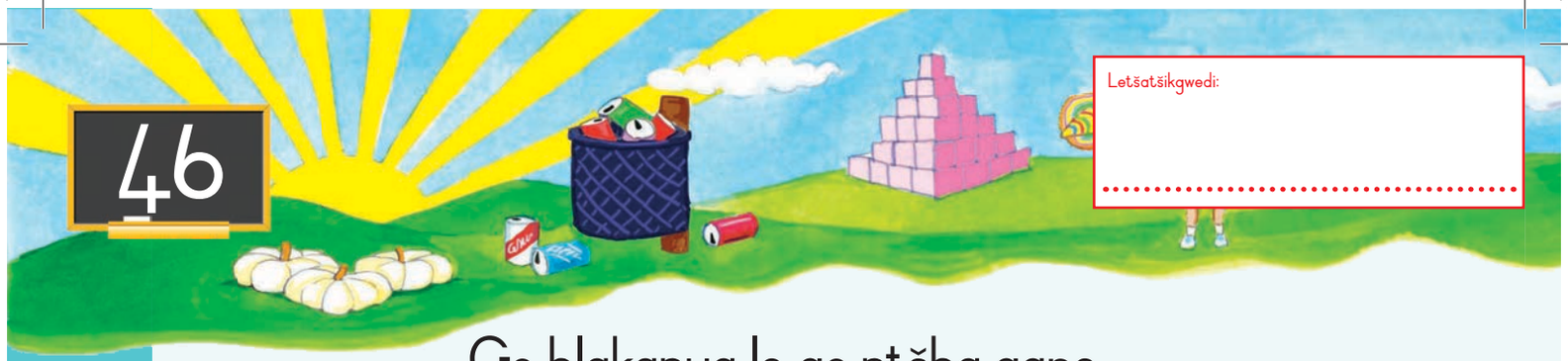

46

Letšatšikgwedi:

Go hlakanya le go ntšha gape

Na o lemoga eng?

200 + 50 + 4 200 + 30 + 5	400 + 80 + 9	489



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

a. 245 + 231



Mokgwa wa Tumi

= 200 + 200 + 40 + 30 + 1

= 400 + 70 + 1

= 471



Mokgwa wa Phuki

245 + 231

= 400 + 70 + 6

= 471

b. 278 + 136

c. 265 + 148

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

a. 476 – 324



Mokgwa wa Tumi

= 400 – 300 + 70 – 20 + 6 – 4

= 100 + 50 + 2

= 152



Mokgwa wa Phuki

476 + 324

= 100 + 50 + 2

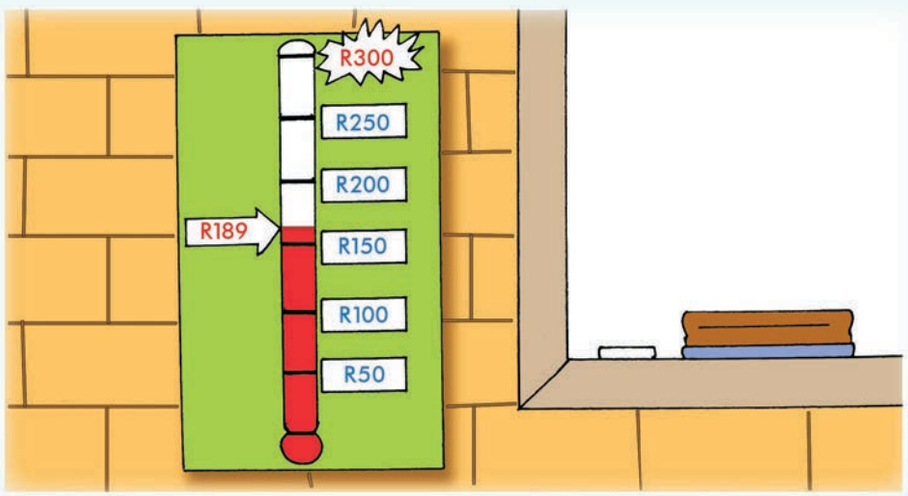
= 152

b. 489 – 456

c. 482 – 161



Go fihlelela selebanywa



Ithute seswantšho.

Go sa nyakega bokae gore re fihlelele selebanywa? R

Teacher:
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Date:

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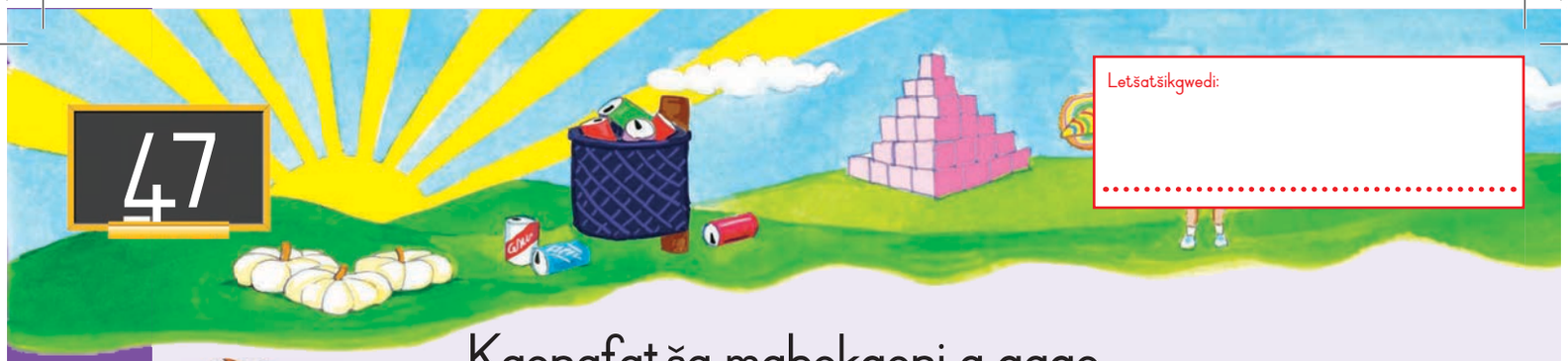


47

Letšatšikgwedi:

Kaonafatša mabokgoni a gago



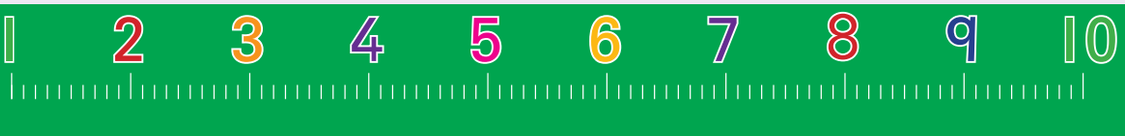
Thaba ya sephiri

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
1	2	3	4	5	6	7	8	9	10	11	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: $2 \times 3 \times 3 \times 1 =$ ☐	18	R
$50 + 50 + 50 + 100 - 200 - 45 =$ ☐		
$1 + 2 + 7 + 10 + 7 + 1 - 14 =$ ☐		
$60 - 30 + 50 + 20 - 50 - 15 - 20 =$ ☐		
$3 + 2 + 7 + 1 + 2 + 1 + 3 =$ ☐		
$5 + 3 + 30 = 4 + 2 + 12 +$ ☐		
$100 - 5 - 70 = 20 +$ ☐		
$36 + 44 - 60 - 22 =$ ☐		
$10 + 15 = 14 +$ ☐		
$2 + 1 + 14 + 9 + 14 = 25 +$ ☐		
$1 \times 2 \times 2 \times 2 \times 2 =$ ☐		

Leina la thaba ke:



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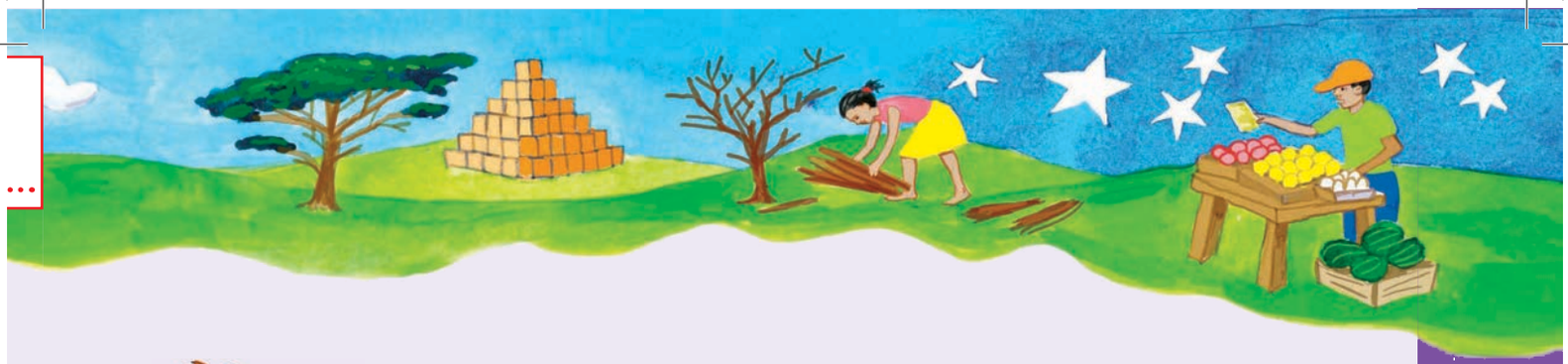



Lebelela! Nagana, gomme o arabe!

●	✷	☾	✷	●	●	✷	☾	✷	●	●	✷	☾	✷	●
1	2	3	4	5	6	7	8	9	10	11	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 tšhelete ya potla ka Mosegamanye le Phupu; goba go hwetša R150 letšatši la mafelelo a Phato?

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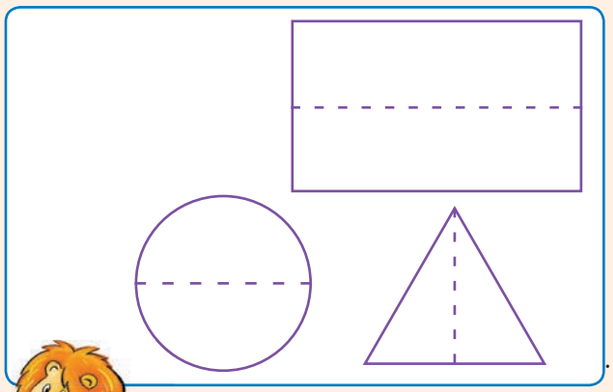
Letšatšikgwedi:

Katara ya 2

Go lekana

O lemoga eng ka dibopego tše?

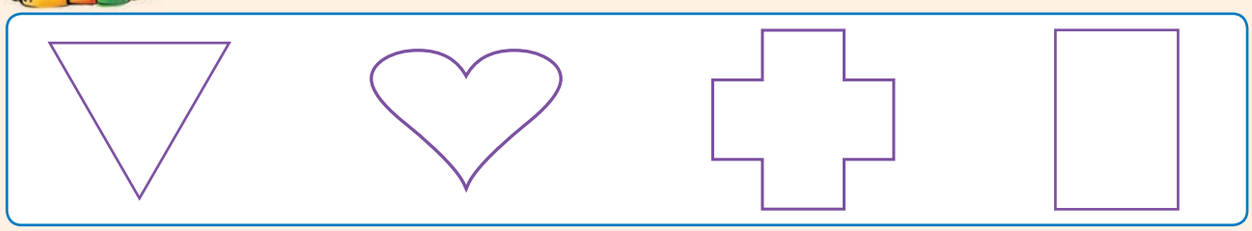




Mothalo wa go lekana o arola sebopego ka diripagare tše pedi gore seripagare se sengwe le se sengwe e be seipone sa se sengwe.

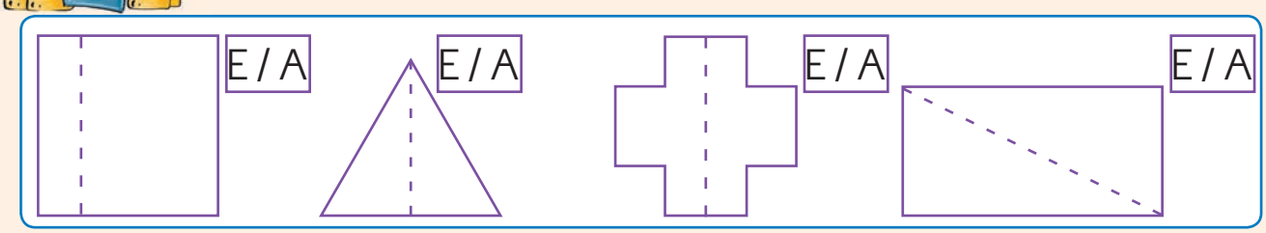
Sebopego se na le tekanyetšo ge o ka se mena go latela mothalotekanyetšo gore diripagare tše pedi di swane tlwa!







Na mothalokhutlo ke mothalo wa go lekantšha goba aowa?
Dira sediko go (E) Ee goba (A) Aowa.





Na mothalo wo ke wa go lekantšha? Efa lebaka.

1 2 3 4 5 6 7 8 9 10

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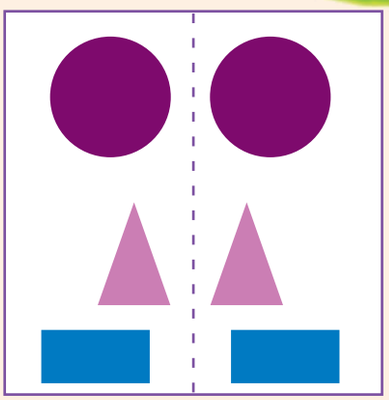
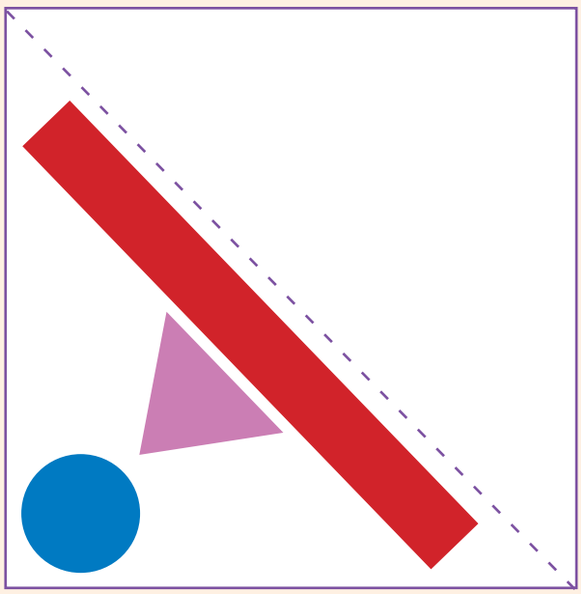
Thala dibopego, gomme o dire gore seswantšho se swane goba se lekalekane.

Re go diretše sa mathomo.

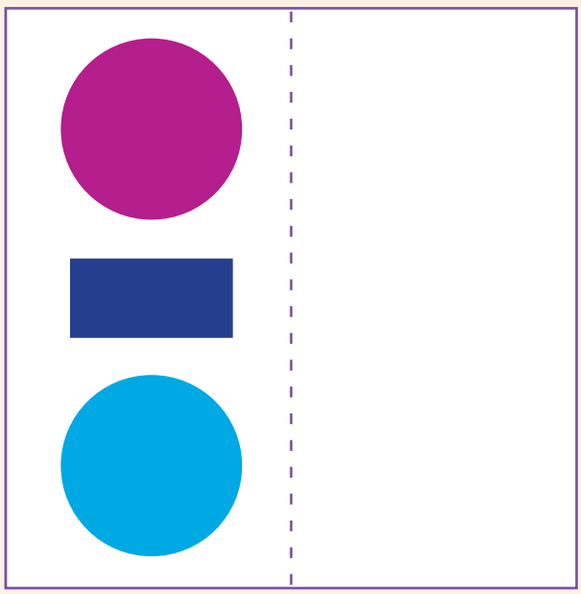
a.



b.



c.





Itirele khapete ya go ba le dibopego tša go swana.



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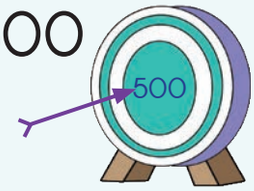
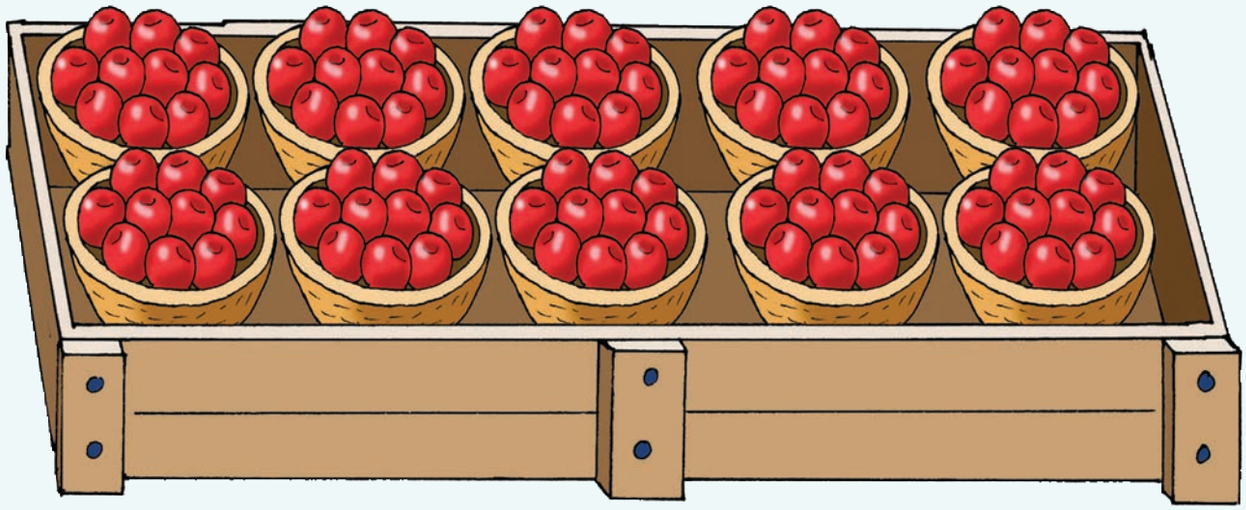
Letšatšikgwedi:

Go aga go fihla go 500





Bala diapola



Feleletša o be o atiše

Serotwana se I 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 I 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 _____.

1 2 3 4 5 6 7 8 9 10

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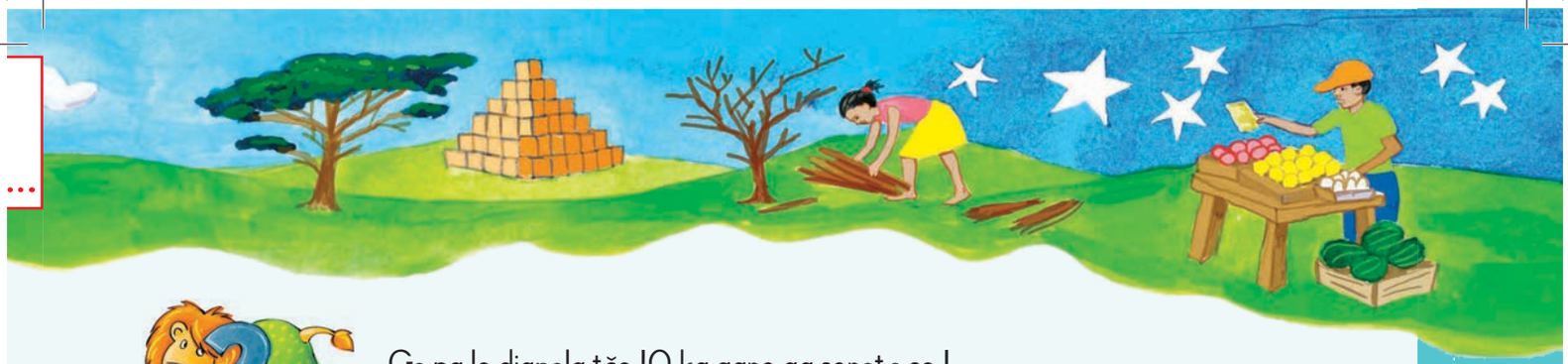
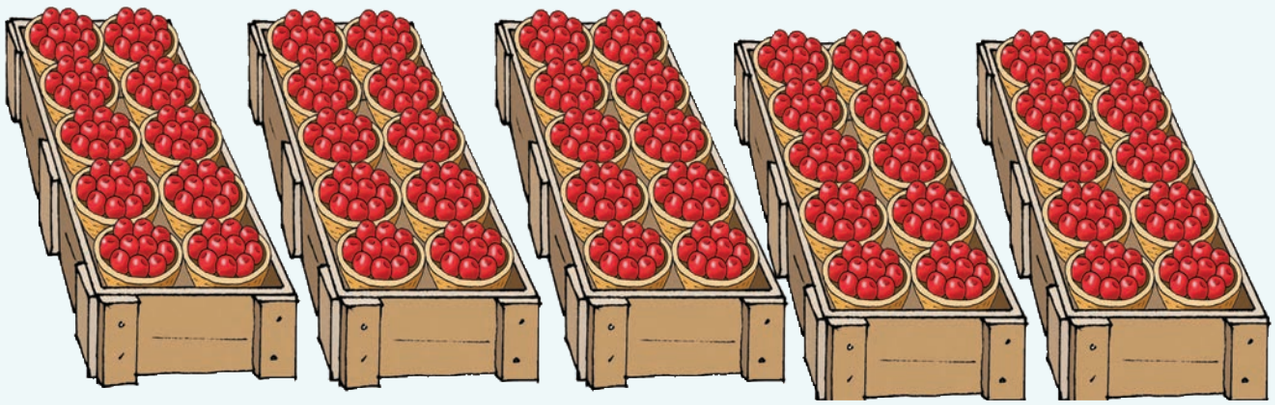


Go na le diapola tše 10 ka gare ga seroto se 1.

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

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

Na ke diapola tše kae ka moka? _____





Go humana, go bontšha le go ngwala

300

40

5

Thoma ka go šomiša dikarata tša dinomoro go bontšha palomoka ye nngwe le ye nngwe. Bjale, ngwala nomoro.

3 dikhreiti	+ 4 dirotwanas	+ 5 diapola	= 345 diapola
4 dikhreiti	+ 5 dirotwana	+ 7 diapola	= _____diapola
5 dikhreiti	+ 2 dirotwana	+ 3 diapola	= _____ diapola
4 dikhreiti	+ 7 dirotwana	+ 2 diapola	= _____ diapola

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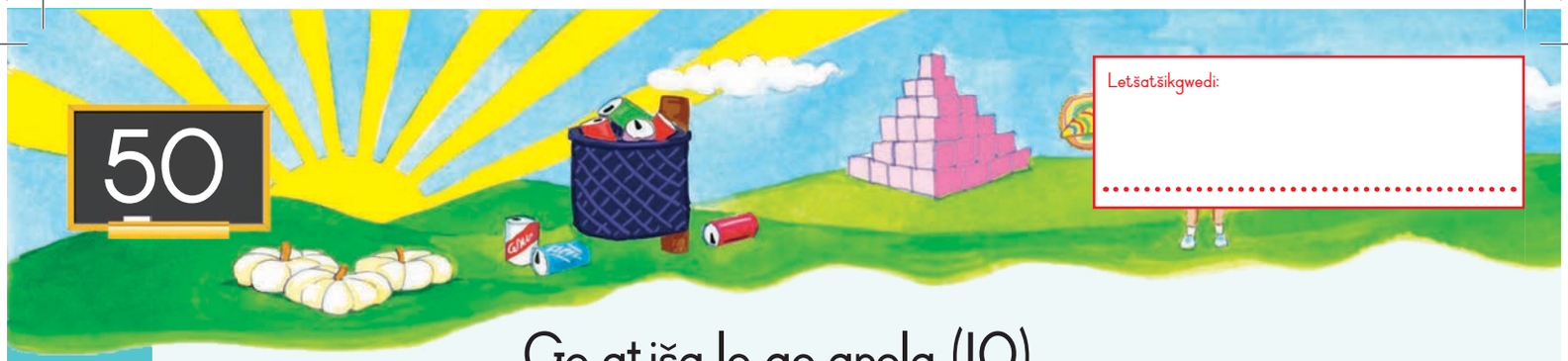


50

Letšatšikgwedi:

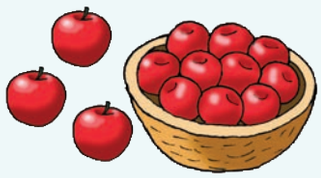
Go atiša le go arola (10)



Go bala diapola

Ngwala mo dikgobeng tše di tlogetšwego.

Ke dirotwana tše kae tšeo di nago le diapola?



Diapola	10	20	30	40	50
Dirotwana	1	2			

÷ palo					50 ÷ 10 = 5
× palo					5 × 10 = 50

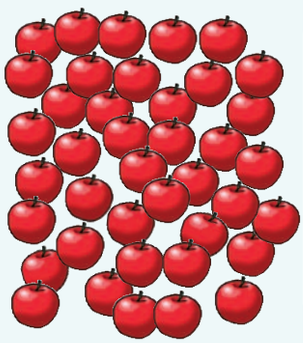


Arola diapola gare ga bana. Dira sethalwa.

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

a.









Lebelela dikarabo tša gago.

□ ÷ □ = □

□ × □ = □



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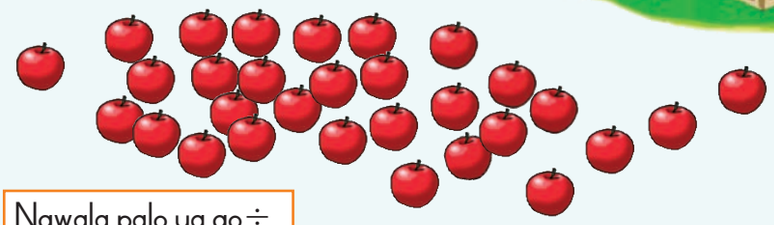
b.





Ngwala palo ya go ÷

Ngwala palo ya go × go bona ge eba karabo ya gago ke ya maleba







Mohlala:

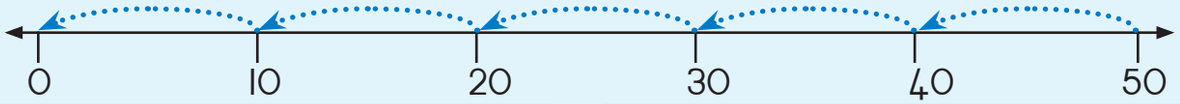
Šomiša dinomoro o itirele mafokopalo.



÷	40 ÷ 10 = 4

×	4 × 10 = 40

a.



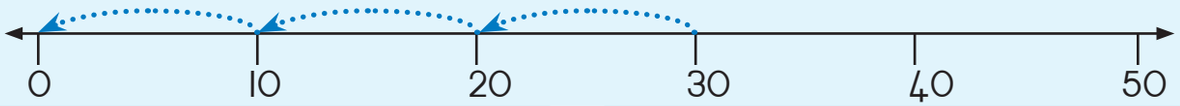
÷		×	

b.



÷		×	

c.



÷		×	



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, _____

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51

Letšatšikgwedi:

.....



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.

_____ × _____ = _____

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Na ke diklelafo tše kae?

Ngwala ka gare ga mapokisana.

a.

Phere ya ditlelafo	10	5	50	4	40	3	30	100
Palo ya ditlelafo	2							

b.

Ditlelafo tša e tee ka e tee	20	21	70	73
Diphere tšeo 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, 377 , 379	480, 482, ___, ___	262, 264, ___, ___

c. Ngwala dinomoro tše pedi tše di latelago.

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

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Letšatšikgwedi:

Dira tselanamaoto ka dithaele



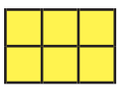
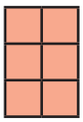
Go beakanya serapana



Mohumagadi Letsoalo o na le dithaele tše botse.

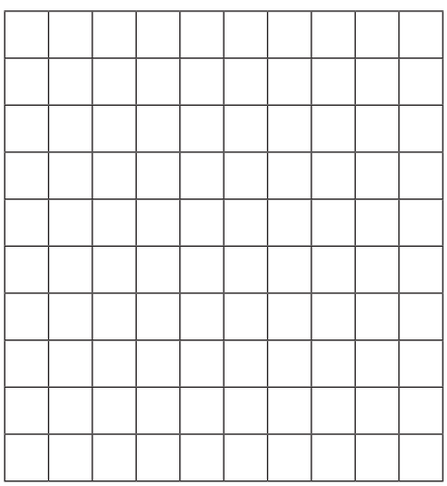
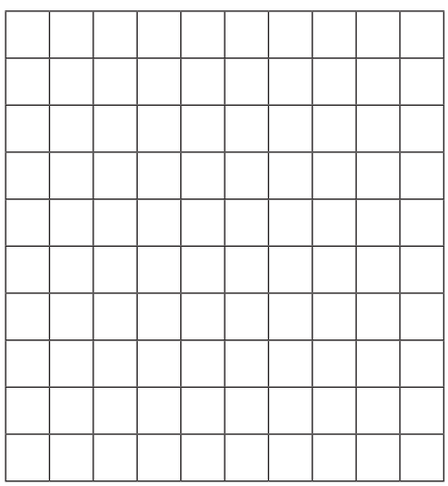
O di šomiša go dira tselanamaoto ka serapaneng sa gagwe.

Go na le dithaele tša dikwere tše 6 tša 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 tša dikwere tše 8 le 9.
Ngwala mafokopalo a sethalwa se sengwe le se sengwe.

8 dikwere	9 dikwere
	

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Beakanya dithaele tše 12

Thabo o na le dithaele tša dikwere tše 12 tša go dira tselanamaoto ka ntle moo a beago paesekela 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!

$12 = 2 \times$ ☐	$3 \times$ ☐ $= 12$	$9 =$ ☐ $\times 3$
$6 = 3 \times$ ☐	☐ $\times 3 = 12$	$24 = 3 \times$ ☐

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53

Letšatšikgwedi:

Go šomiša dihlano



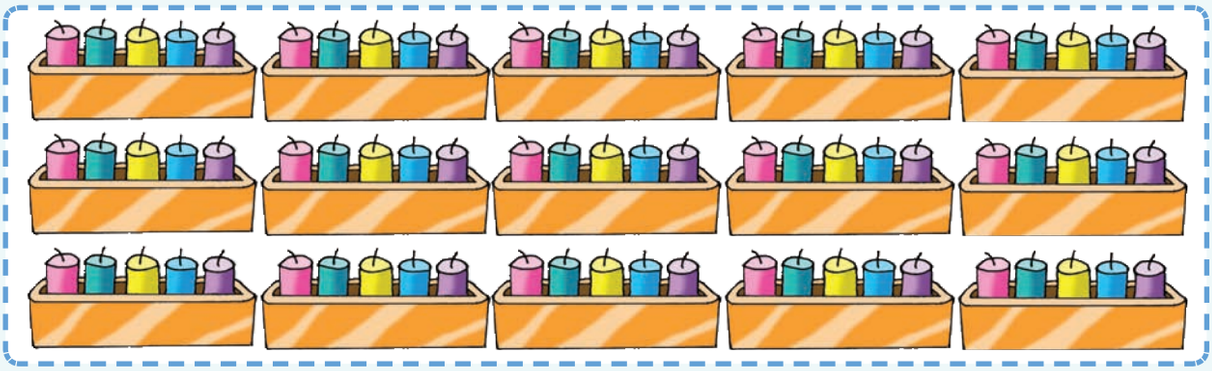
Tseba go bala ka di-5

Ngwala dikarabo.

	1	2	3	4	5	6	7	8	9	10
× 5	5									



Bala dikerese



a. Dikerese ke tše kae ka lepokising le lengwe le le lengwe? _____

b. Mapokisi ke a makae mothalong wo mongwe le wo mongwe? _____

c. Dikerese ke tše kae mothalong wo mongwe le wo mongwe? _____

d. Palomoka ya dikerese ge di hlakane ke bokae? _____



Laetša karabo

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

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

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4 Go balela pele le morago ka di-5

a. 85; _____; _____; 70; _____; _____; 55; _____; _____

b. 240; _____; _____; 255; _____; _____; _____; _____; 280

c. 405; _____; 395; _____; _____; 380; _____; _____; 365; _____

5 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 ÷ R5 = khoine ye 1	R10 ÷ 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 ____



6 Atiša ka di-5

Mohlala: $1 \times 5 = 5$; $11 \times 5 = 55$; $21 \times 5 = 105$

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

1	2	3	4	5	6	7	8	9	10
5	10								
11	12	13	14	15	16	17	18	19	20
55									

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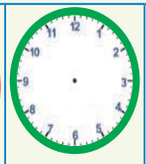
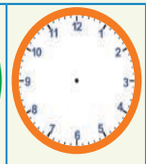
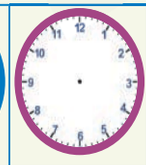
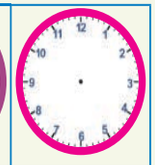
Letšatšikgwedi:

Go šoma ka nako

Go thala dinako

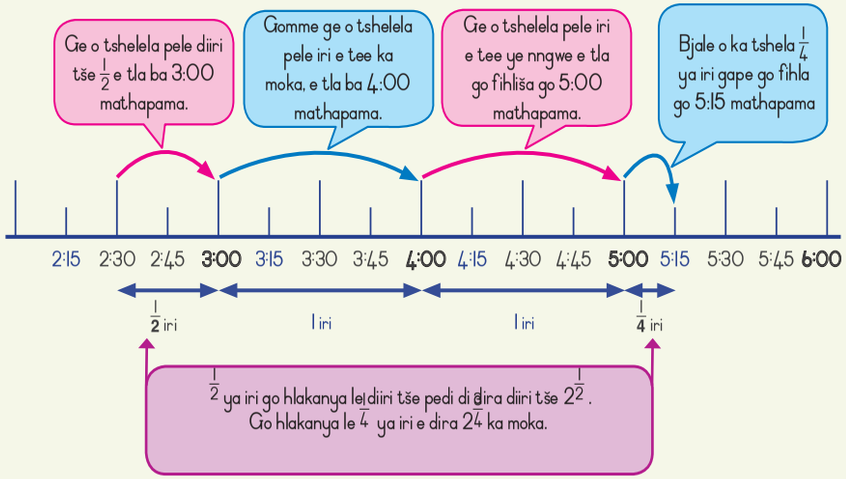


					
Seripagare go ya go iri ya 5	Kotara go ya go iri ya lesometee	Kotara go tšwa go 12	12:45	6:15	4:30

Lefokopalo la nako

MmagoNomsa o tloga ka gae ka 2:30 mathapama. O boa gae ka 5:15 mathapama. Na o tšwele lebaka le lekaakang?

Re ka šomiša mothalonako go hwetša karabo. Bea monwana wa gago wa letsogo go 2:30, nako ya maleba gona bjale.



Lefokapalo la nako

Lekola. Bapetša. Phošolla.

Rarolla lefokopalo le lengwe le le lengwe. Šomiša methalo ya nako go go thuša.

a. Oketšo o etela tatagwe kliniking ka 15:45.
O tloga kliniking ka 17:15.
Na go tšere lebaka le lekaakang ge a mo etetše?



b. Tšhego o ya phakeng ka 10:45.
O fihla gae ka 12:30.
Na o tšere lebaka le lekaakang a se gae?



c. Tumišo o thoma go ithuta ka 13:15.
O fetša ka 14:45.
Na Tumišo o ithuta nako ye kaakang?



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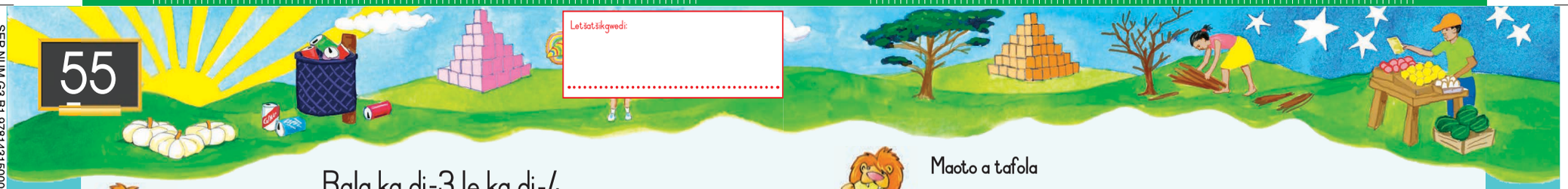


Bala ka di-3 le ka di-4



Dipitša tša maotwana a 3

Hlakanya gomme o ngwale dikarabo



a. Go na le dipitša tše kae mo mothalong? _____

b. Go na le maotwana a makae mo mothalong? _____

c. Go na le methalo ye mekae ya dipitša? _____

d. Ke maotwana a makae ka moka? Laetša gore o hweditše karabo bjang.

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

$21 \times 7 =$ ☐ $3 \times 7 \times 3 =$ ☐ $3 \times 4 \times 2 =$ ☐ $21 \times 3 =$ ☐



Maotwana a makae?

Gopola ka lebelo.
Gopola ka bohlale.

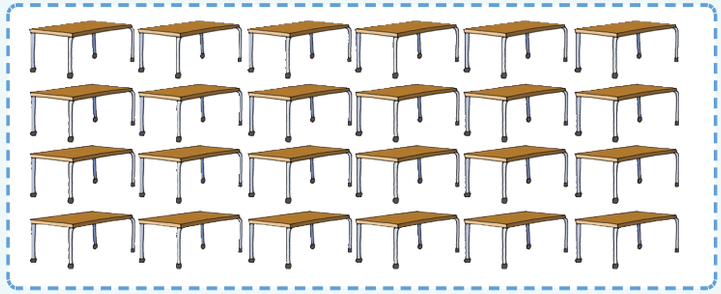
1 pitša	3	maotwana
2 dipitša		maotwana
5 dipitša		maotwana

10 dipitša		maotwana
15 dipitša		maotwana
13 dipitša		maotwana

5 dipitša		maotwana
12 dipitša		maotwana
14 dipitša		maotwana



Maoto a tafola



a. Go na le ditafola tše kae mo mothalong? _____

b. Go na le maotwana a makae mo mothalong? _____

c. Go na le methalo ye mekae ya ditafola? _____

d. Maotwana ka moka ke a makae? Laetša gore o hweditše karabo bjang?



Fabriking



Mmetli o dira ditafola. O thoma ka go dira maotwana.

Gabjale o dirile 48. Na a ka dira ditafola tše kae?

O swanelwa ke go oketša ka maotwana a makae ge a oketša palo ya ditafola ka e tee?



Feleletša kriti ka go ngwala dikarabo

	2	3	4	5	8	10	11	12
× 3	6							
× 4	8							

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Date:

Letšatšikgwedi:

Bala ka di-50



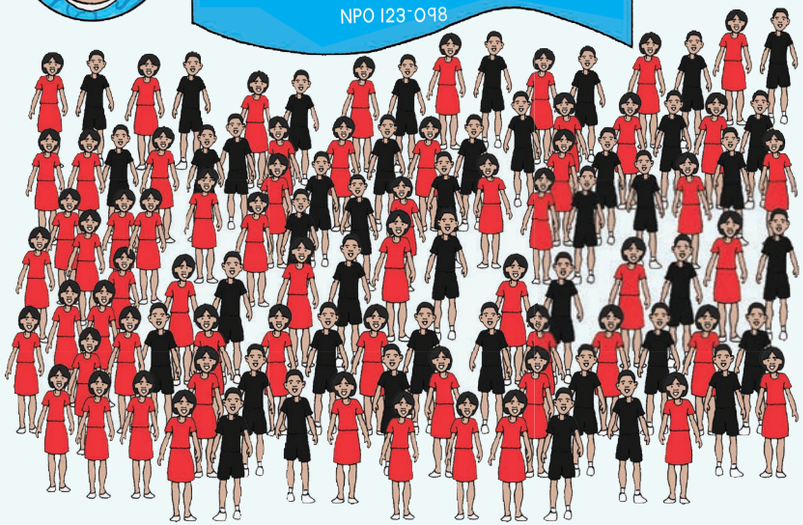
Ngwana o tee, kobo e tee!

Na ke bana ba bakae? Akanya, gomme ka morago o ba bale.



Kobo ya Kholofelo
Apešang bana ba rena ba ruthofale
NPO 123-098





Bana ka moka mo seswantšhong ba hwetša kobo mongwe le mongwe. Na ke bana ba bakae? _____

Akanya	Bala	Bapetša

Na ke difahlego tše kae tša go thaba ☺ tša bašemane? _____
Na ke difahlego tše kae tša go thaba ☺ tša basetsana? _____



Na ba lefa bokae?

Oketšo  o reka  tše 2.

O lelefa R

Mdi Makwela  o reka tše 5 

O lelefa R

Lebenkele la Thati le  reka  tše 20.

Ba lelefa R

Re fe bjale! Kobo e tee ka R50



 tše 5 ka R50 = R250	 tše 10 ka R50 = R500
 tše 4 ka R50 = R____	 tše 15 ka R50 = R____
 tše 3 ka R50 = R____	 tše 6 ka R50 = R____
 tše 7 ka R50 = R____	 tše 12 ka R50 = R____
 tše 8 ka R50 = R____	 tše 9 ka R50 = R____



Na go tla tšea sebaka se sekaakang? Šomiša khalentara.

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



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

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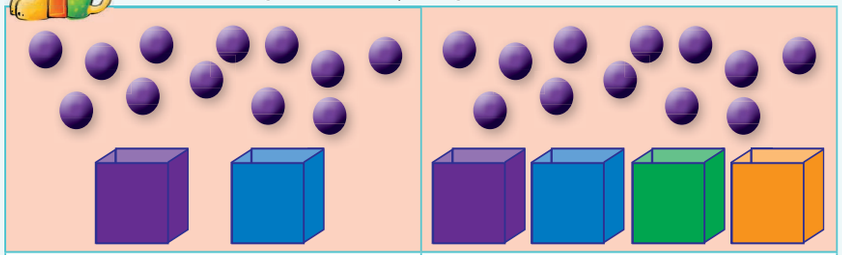
Letšatšikgwedi:

Dipalophatlo: diripagare le dikotara



Arola dibolo ka go lekana ka mapokising.

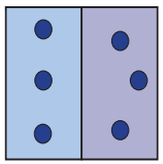


- Go na le dibolo tše kae ka lepokising le lengwe le le lengwe? ____
- Ke palophatlo efe ye e lego ka lepokising le le phepholo? ____
- Ke palophatlo efe ka lepokising le lephepholo? ____

- Go na le dibolo tše kae ka lepokising le lengwe le le lengwe? ____
- Go na le dibolo tše kae ka lepokising le le phepholo? ____
- Ke palophatlo efe ye e lego ka lepokising le lephepholo? ____

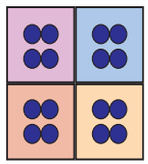


Lebelela diswantšho gomme o arabe dipotšišo.



Na o hwetša didiko tše kae ge o di bala? ____

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



Na o hwetša didiko tše kae ge o di bala? ____

Na $\frac{1}{4}$ ya didiko ke bokae? ____

Na $\frac{2}{4}$ ya didiko ke bokae? ____

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

Na $\frac{4}{4}$ ya didiko 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 meseto ya dipalophatlo.

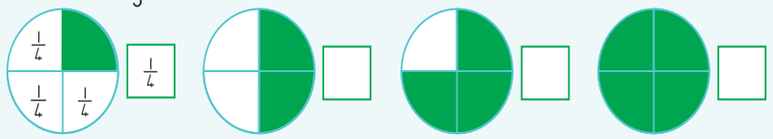
Palomoka e 1			
$\frac{1}{2}$		$\frac{1}{2}$	
$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$

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 bja karolo yeo e khalarilwego.



c. Palophatlo ye kgolo ke efe: $\frac{1}{2}$ goba $\frac{1}{4}$ ____

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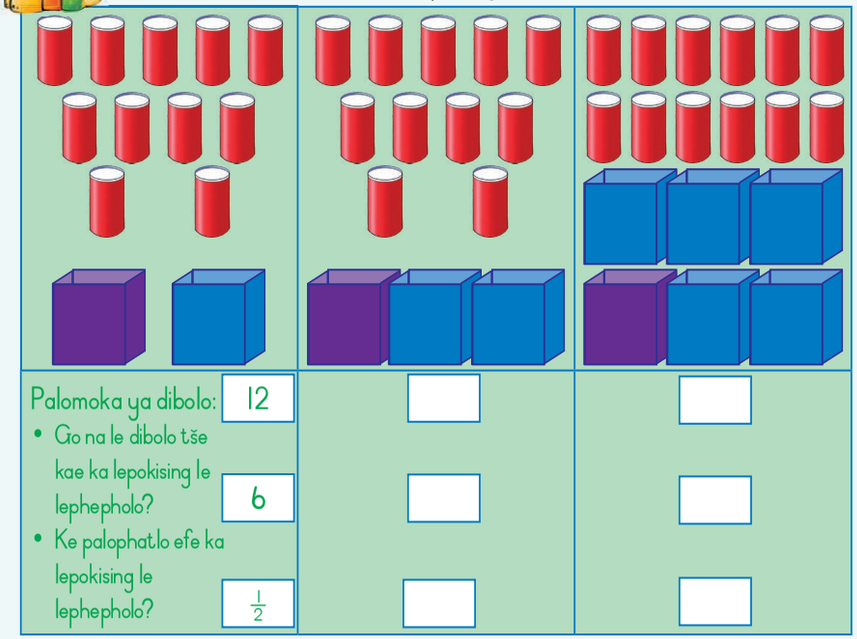
Letšatšikgwedi:

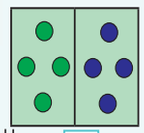
Dipalophatlo: diripagare, diteetharong le diteetsheleng

Arola ditshitswana (disilintere) ka mapokising.



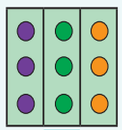
Palomoka ya dibolo:			
• Go na le dibolo tše kae ka lepokising le lephepholo?	12		
• Ke palophatlo efe ka lepokising le lephepholo?	6		
	$\frac{1}{2}$		

Lebelela diswantšho gomme o arabe dipotšišo.



Na o hwetša didiko tše kae ge o di bala? ☐

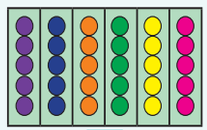
Na seripagare ($\frac{1}{2}$) sa didiko ke bokae? ☐



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

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

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



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

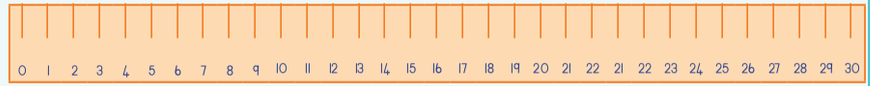
Na $\frac{2}{6}$ ya didiko ke bokae? ☐

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

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

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





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



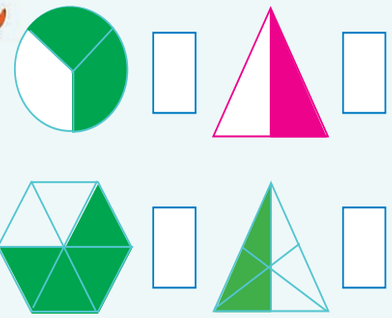
Lebelela meseto ya dipalophatlo. Feleletša mafoko.

Palotlalo e 1					
$\frac{1}{2}$				$\frac{1}{2}$	
$\frac{1}{3}$			$\frac{1}{3}$		$\frac{1}{3}$
$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$

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



Ngwala palophatlo seemong sa karolo ye e khalarilwego.



Dira sediko palophatlong ye kgolwane.

a. $\frac{1}{2}$ $\frac{1}{3}$

b. $\frac{1}{2}$ $\frac{1}{6}$

c. $\frac{1}{2}$ $\frac{2}{6}$

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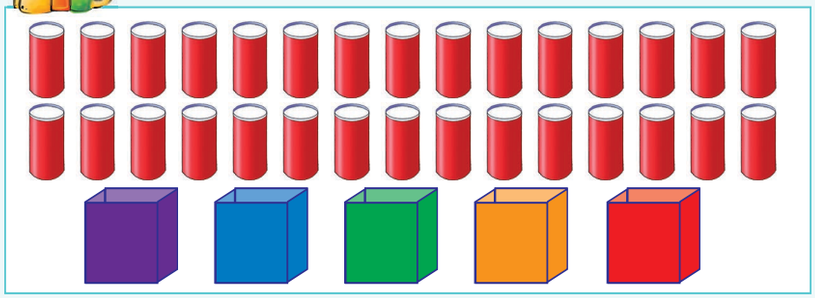
Letšatšikgwedi:

Dipalophatlo: diteehlanong

Arola ditshitswana gare ga mapokisi.



- Teehlanong ya mapokisi go na le ditshitswana tše 6 .
- Pedihlanong ya mapokisi go na le ditshitswana tše ☐ .
- Tharohlanong ya mapokisi go na le ditshitswana tše ☐ .
- Nnehlanong ya mapokisi go na le ditshitswana tše ☐ .
- Ka go hlanohlanong ya mapokisi go na le ditshitswana tše ☐ .

Lebelela seswantšho gomme o arabe dipotšišo.

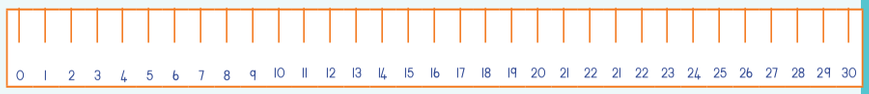
Go na le ditšhokolete tše kae ka lepokising? ☐



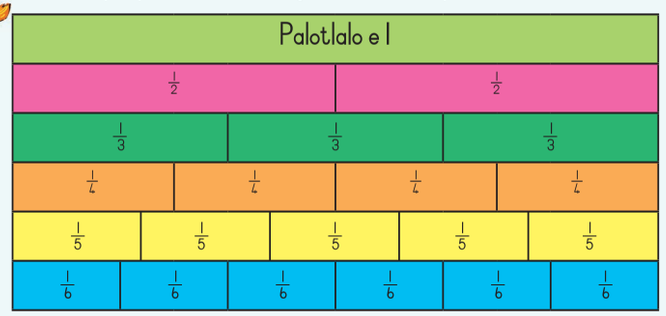
- $\frac{1}{5}$ ya ditšhokolete e lekana le ☐
- $\frac{2}{5}$ ya ditšhokolete e lekana le ☐
- $\frac{3}{5}$ ya ditšhokolete e lekana le ☐
- $\frac{4}{5}$ ya ditšhokolete e lekana le ☐
- $\frac{5}{5}$ ya ditšhokolete e lekana le ☐
- Ka letšatši la 1 ke jele $\frac{1}{5}$ ya ditšhokolete. Go šetše ditšhokolete tše kae? ☐
- Ka letšatši la 2 ke jele $\frac{1}{5}$ ya ditšhokolete gape. Go šetše ditšhokolete tše kae? ☐

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

a.



Lebelela dipalophatlo tša meseto gomme o arabe dipotšišo.



Dira sediko go kgolwane goba go nnyanennyane

a. Seripagare ($\frac{1}{2}$) ke se segolo go (feta) /se sennyane go feta $\frac{1}{4}$.

b. $\frac{1}{3}$ ke ye kgolo go feta /ye nnyane go feta $\frac{1}{2}$.

c. $\frac{1}{5}$ ke ye kgolo go feta /ye nnyane go feta $\frac{1}{6}$.

d. $\frac{1}{6}$ ke ye kgolo go feta /ye nnyane go feta $\frac{1}{3}$.

e. $\frac{3}{6}$ ke ye kgolo go feta /ye nnyane go feta $\frac{2}{5}$.

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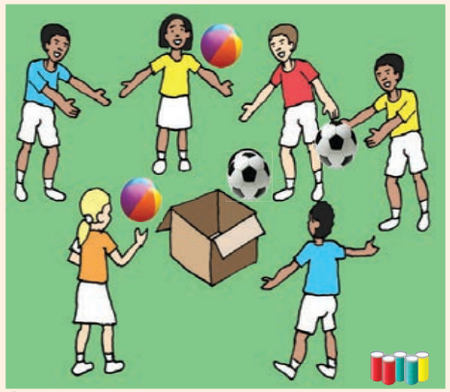
Letšatšikgwedi:

Dilo tša mahlakoretharo (3-D)

Bala mapokisi (diprisimo). ☐

Bala dibolo (dikgokolo). ☐

Bala disilintere ☐



A ke ona mapokisi ka maka.

Šomiša matlakala a disegwa 3 le 4 go di dira.



Bopapetla bja bongwe le bja bongwe bo bitšwa bokagodimo. Mamaretša sefahlego sa go myemyela bokagodimong bja lepokisi le lengwe le le lengwe.



kube ☐ prisimo ☐ prisimo ☐

Na mahlakore a prisimo ke a bophara goba a modikelela? ☐

Bjale, dira silintere go tšwa go letlakalasegwa la 4.

Na mahlakore a silintere ke a bophara goba a modikelela? ☐

Šomiša dilo tša gago o dire tše di latelago:

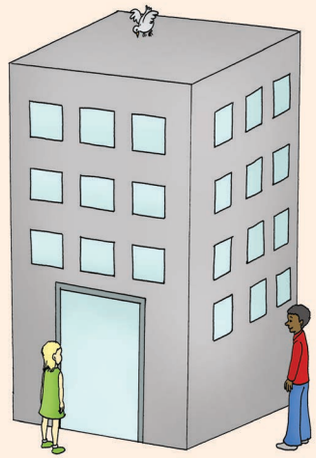
Hlaloša boemo bja silintere o šomiša mantšu a:

Ka thoko ga ☐ Pele ga ☐ Godimo ga ☐



☐ ☐ ☐

Šomiša mantšu a a mo tlase o feleletše mafoko



Mosetsana o lebelela _____ ya moago.

Monna o lebelela _____ ya moago.

Nonyana e lebelela _____ ya moago.

mathoko | pele | ka godimo

Teacher:

Sign:

Date:

Letšatšikgwedi:

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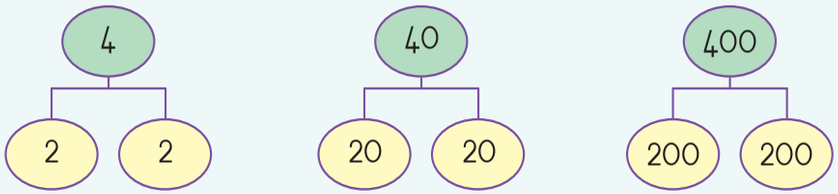
Letšatšikgwedi:

Pedifatšwa le seripagare

Na o a gopola?	2 ke seripagare sa 4	4 ke 2 gabedi
	20 ke seripagare sa 40	40 ke 20 gabedi
	200 ke seripagare sa 400	400 ke 200 gabedi

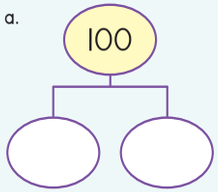
Re ka laetša se mo go sethalwa ...



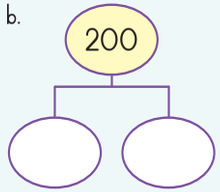


Go hwetša diripagare

a.



b.



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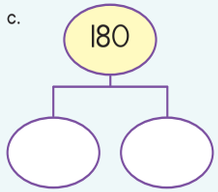

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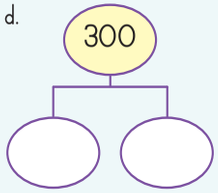

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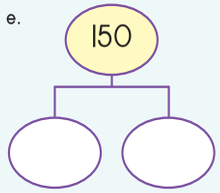

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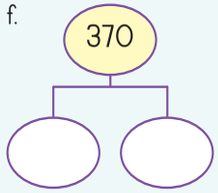
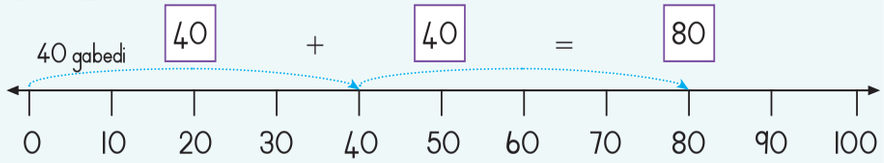
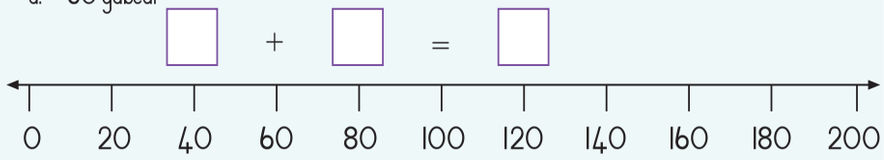




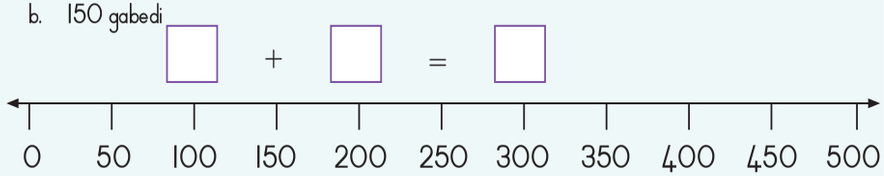
Pedifatša nomoro ka go šomiša mothalopalo.
O filwe mohlala wa mathomo.



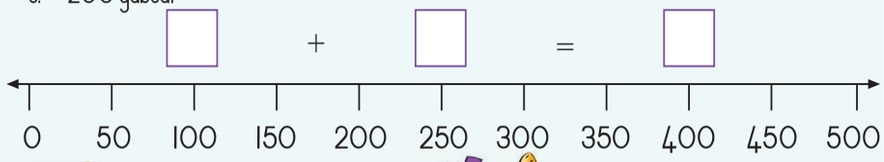
a. 60 gabedi



b. 150 gabedi



c. 200 gabedi





Feleletša tše di latelago

a. 100 gabedi	200
b. 150 gabedi	
c. 120 gabedi	
d. 200 gabedi	
e. 170 gabedi	



Feleletša tše di latelago

a. Seripagare sa 220	110
b. Seripagare sa 180	
c. Seripagare sa 260	
d. Seripagare sa 60	
e. Seripagare sa 320	



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Letšatšikgwedi: .....

Go pedifatša le go ripa gare gape

Hwetša dipedifatšwa le diripagare

a. ( ) → 73, 73

b. 148 → ( ), ( )

c. ( ) → 96, 96

d. 134 → ( ), ( )

e. 166 → ( ), ( )

f. ( ) → 89, 89

Boloka tšhelete ya go reka paesekela

Reabetšwe o boloka R25 ka beke go reka paesekele.

Na o swanetše go boloka dibeke tše kae?

Karabo: [ ] dibeke

Thekofase R450

Seripagare sa theko e be e le R900



Di a rekišwa

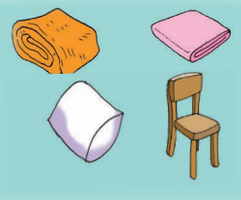
Dilo ka moka di rekišwa ka theko yeo e fokoditšwego ka seripagare. Ngwala theko yeo e fokoditšwego kgauswi le serekišwa.

a. Dikobo R190
Thekofase ya_____

b. Malakane R154
Thekofase ya_____

c. Mesamelo R54
Thekofase ya_____

d. Ditulo R220
Thekofase ya_____



Na ke diranta tše kae?

 R135	Tšhego o nyaka gempe. O swere fela seripagare sa tšhelete. Na o sa nyaka bokae? R_____
 R78,50	Dieta tša Rati di nyaka tšhelete ya go feta ye gabedi. Na dieta tša Rati di rekišwa ka bokae? R _____
 R97	Roko ya Boati e pedifatša theko ye. Na roko ya Boati ke bokae? R_____

Na go tsena eng? Go tšwa eng?

Latela mohlala. Ngwala dinomoro tšeo di tlogetšwego.

a.

50	gabedi	+ 10	110
90			
75			
88			
			62

b.

124	ripa gare	– 9	53
110			
72			
98			90

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Letšatšikgwedi:

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Letšatšikgwedi:

.....

Hlopha o kopanye



Go hlopha bana

Mdi. Mokgabudi o nyaka go arola phapoši ka dihlopha tša palo ya go lekana tša go raloka dipapadi tša kua ntle. O thomile ka go bea dihlopha ka dipane tše 4.



a. Na ke bana ba bakae ka gare ga sehlopa se tee?

b. Na o dira dihlopha tše kae?

c. Laetša ditsela tše dingwe tšeo di ka hlophiwago ka gona tša ba dihlopha tša go lekana.

Lekola. Bapetša. Phošolla.



Na ke diaparo tše kae?



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

Na a ka dira diaparo tše kae tša go fapana a diriša mebala ya go fapana?

Mohlala: Gempe ye talalerata/šothi ye talalerata. Gempe ye talalerata/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.

Akanya: Ge eba Thati o na le digempe le dišothi tše 6 tša mebala ya go fapana?

Na a ka dira diaparo tše kae?

Lekola. Bapetša. Phošolla.

Teacher:
Sign:
Date:

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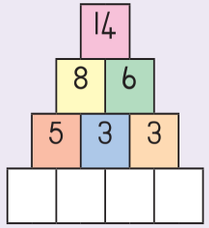
Letšatšikgwedi:

Lethabo la Mmetse

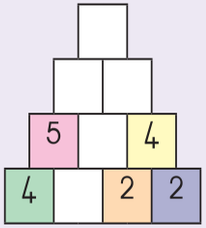


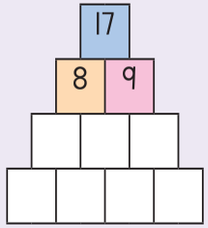
Lebelela molao

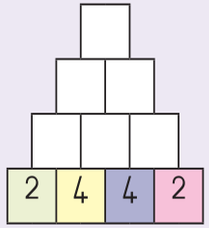
Šomiša molao gore o hwetše dinomoro tše di tlogetšwego.



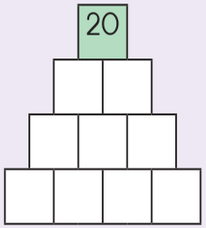
Bjale dira tše

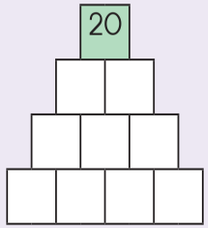


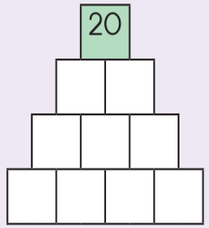




Aga go ya go 20 ka mekgwa ye 3 ye e fapanego







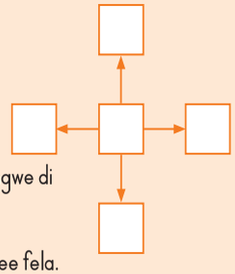


Tlhahlo



Šomiša dinomoro 1, 2, 3, 4 le 5.

Dinomoro tše 3 mothalong wo mongwe le wo mongwe di swanetše go dira 10 ge di kopana.



Molao: Šomiša nomoro ye nngwe le ye nngwe gatee fela.



Go hwetša dinomoro

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

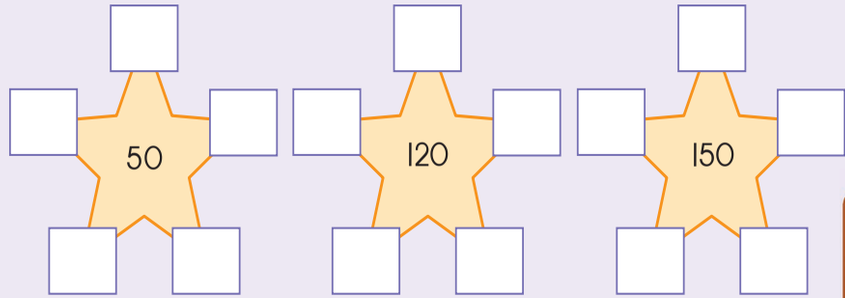
2	5	3	6
			2
		2	

b. Molawana: Dinomoro tše 3, tše di putlago methalo gape di theoga le dikholomo di dira palomoka ya go swana.

2	7	6
9		1
	3	8

23	28	21
12		26
	10	

c. Molawana: Ngwala dinomoro dife goba dife tše hlano tšeo ge di hlakana di dirago palo ya gare ka gare ga naledi.



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Date:

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1	1	0	1	0	0
2	2	0	2	0	0
3	3	0	3	0	0
4	4	0	4	0	0
5	5	0	5	0	0
6	6	0	6	0	0
7	7	0	7	0	0
8	8	0	8	0	0
9	9	0	9	0	0

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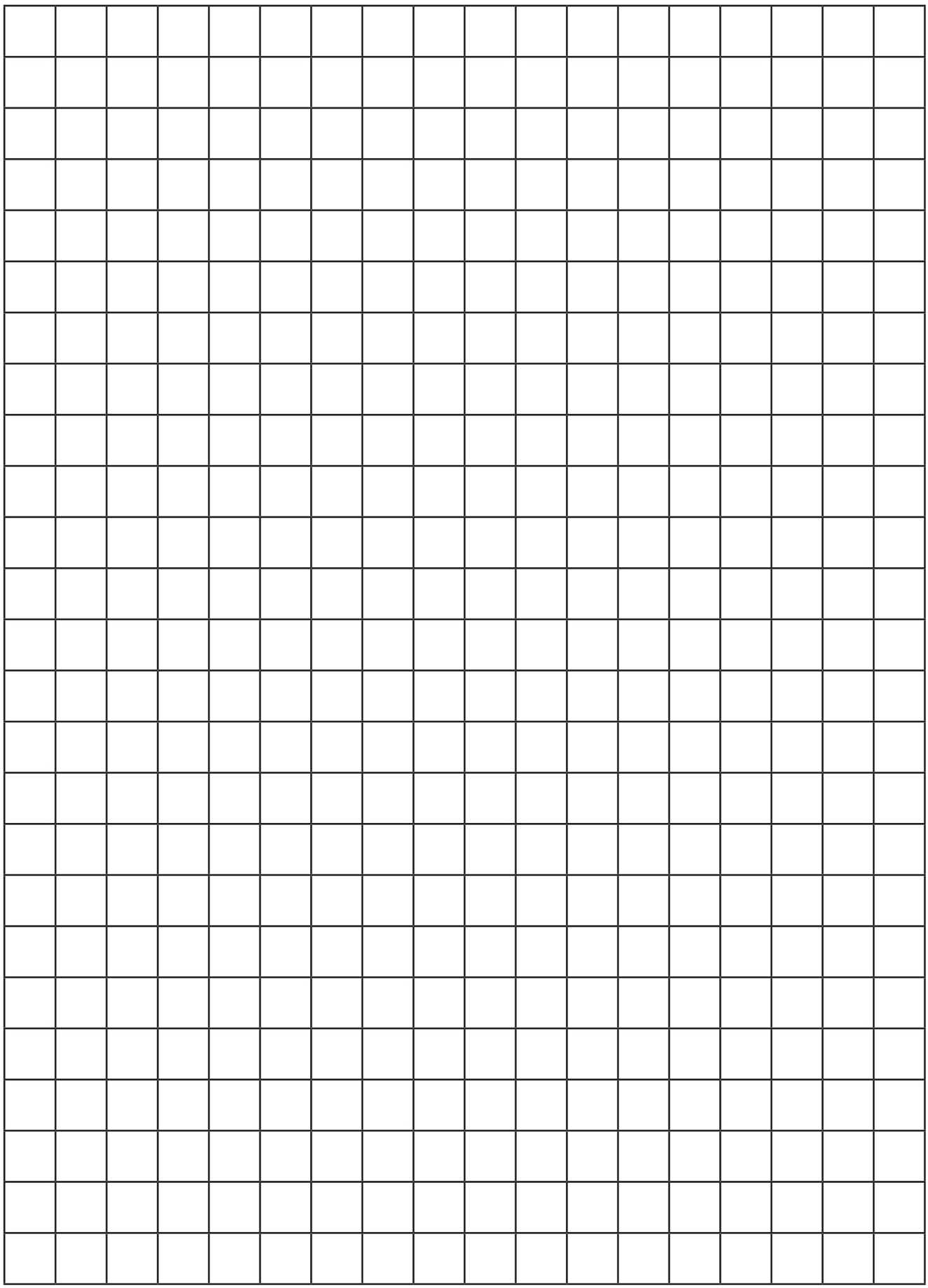
1	0	0	1	0	1
2	0	0	2	0	2
3	0	0	3	0	3
4	0	0	4	0	4
5	0	0	5	0	5
6	0	0	6	0	6
7	0	0	7	0	7
8	0	0	8	0	8
9	0	0	9	0	9



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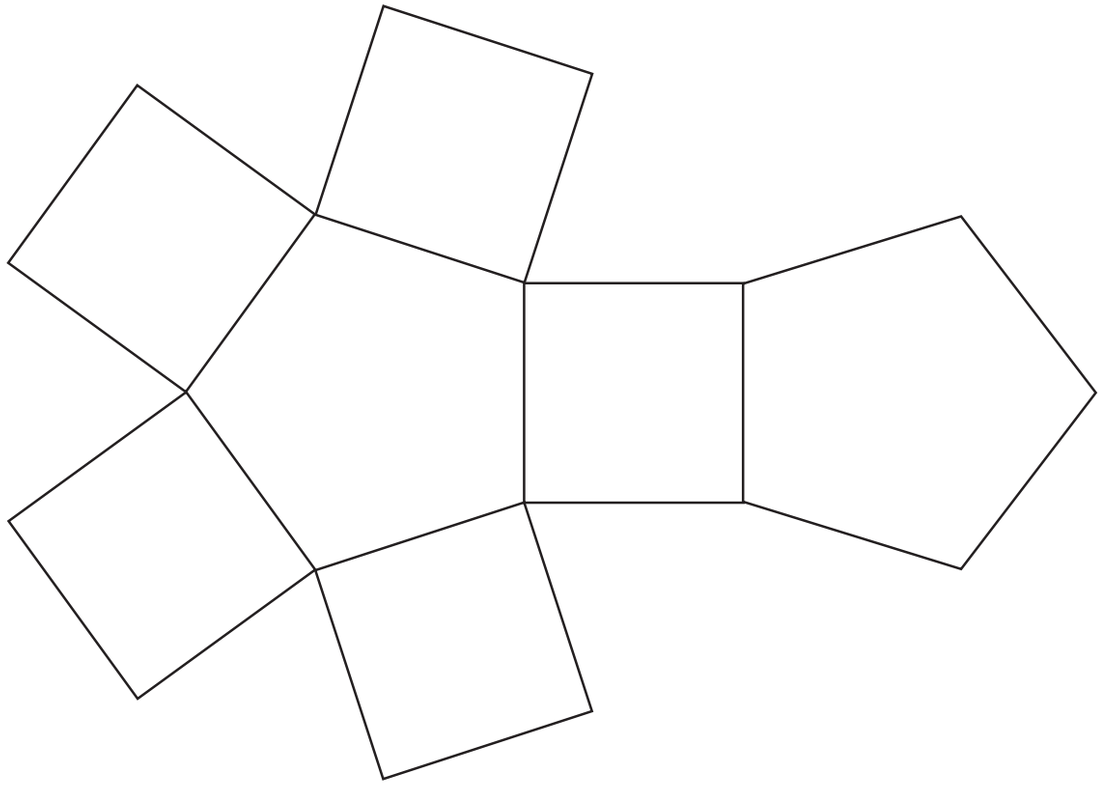

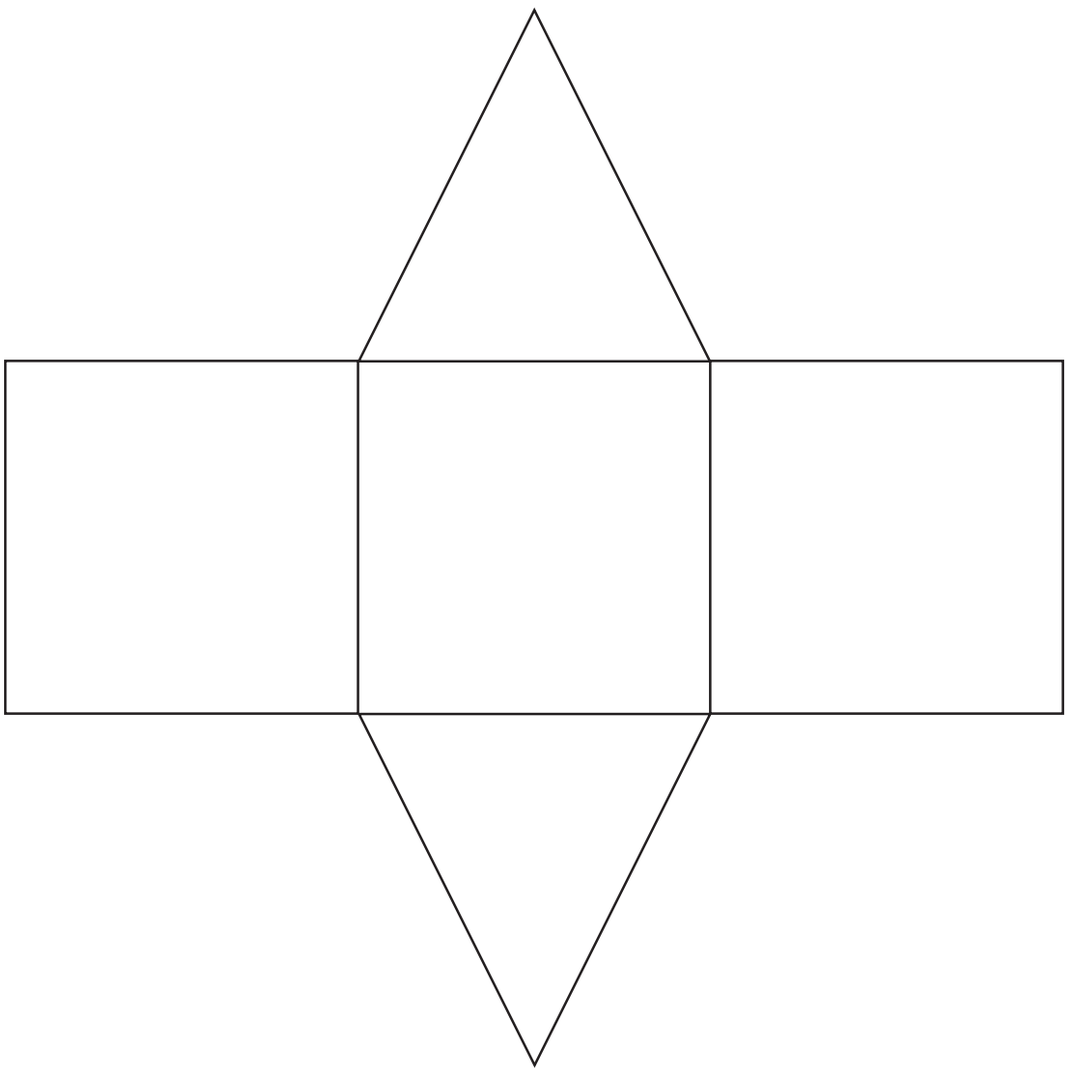

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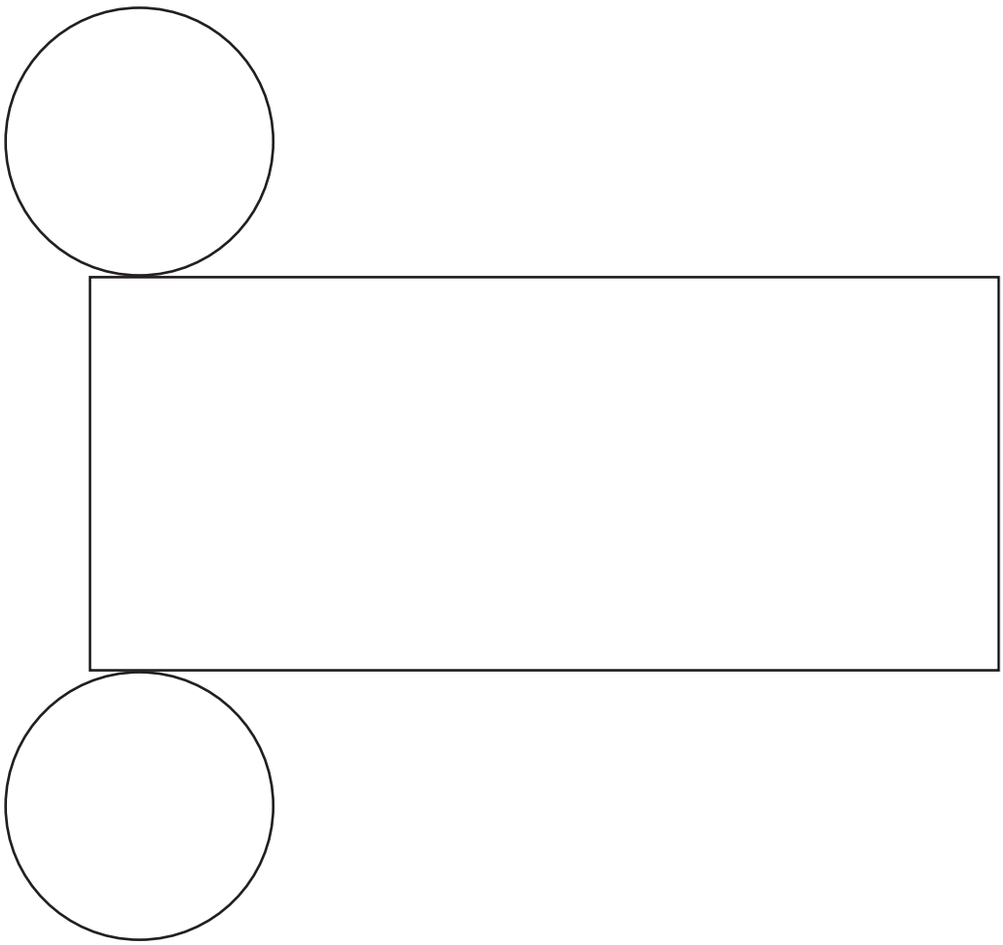

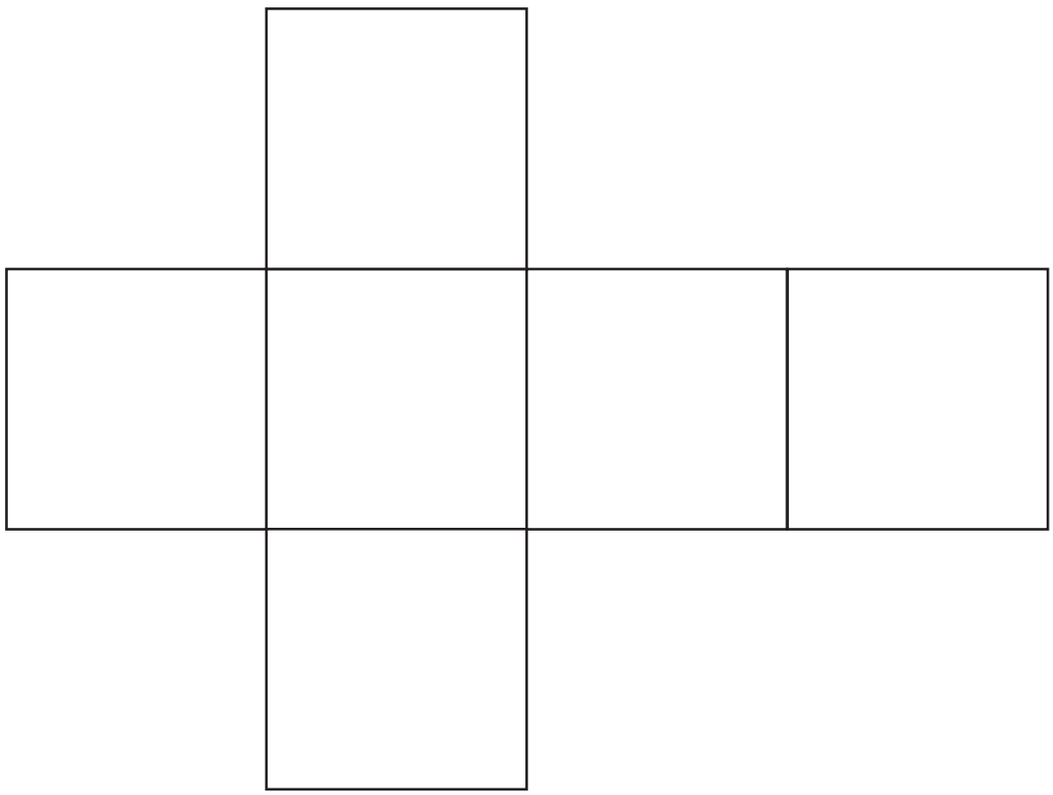

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