

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 diphōšo 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 hlompheba bao ba ilego ba hlokofoletšwa toka le tokologo nageng ya gaborena;

Re hlompheba 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 maika rabelo a go šireletša ditokelo tša ba bang we.

Tseba molao wa ditokelo tša gago le Molao wa Maika rabelo.

E ke Morena a ka boloka setšhaba sa gešo.

Nkosi Sikelel' iAfrika. Morena boloka setšhaba sa heso.

God seën Suid-Afrika. God bless South Africa.

Mudzimu fhatutshedza Afurika. Hosi katekisa Afrika.

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

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DIPALO KA SEPEDI

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1 & 2

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Mdi. Angie Motshekga,
Tona ya Thuto ya Motheo



Ngk. Reginah Mhaule,
Motlatša-Tona wa 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, Ngk. Reginah Mhaule.

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 mephato 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 mašelang 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 hologa 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.

Mphato
wa

3



M m e t s e

KA SEPEDI

Puku ye ke ya:

SEPEDI

Puku ya

—



Bala, beakanya o be o laetše!



Na go na le dinaledi tše kae?

Bapetša dikarabo.



Akanya gore ke dinaledi tše kae. _____

Bjale di bale! _____

Hwetša mothopasefoka!



Na ke mang yo a akantšego go feta ba bangwe?

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

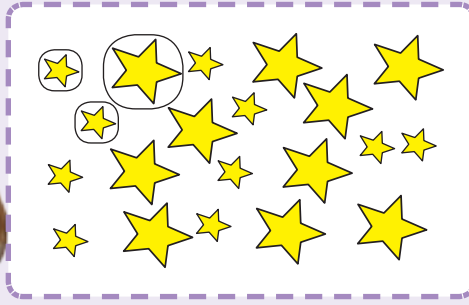
Leina				
Kakanyo				
Palo ye e badilwego				
Phapano magareng ga kakanyo ya gago le seo o se badilego				



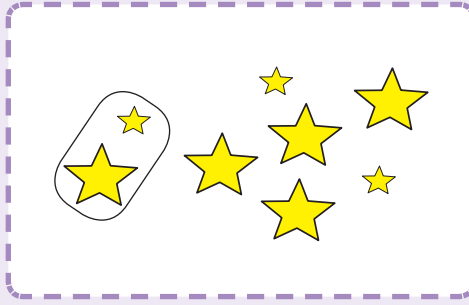
Ditsela tša go bala. Re thuše go e ngwala.



Ke badile
ka di 1.



1, 2, 3, _____



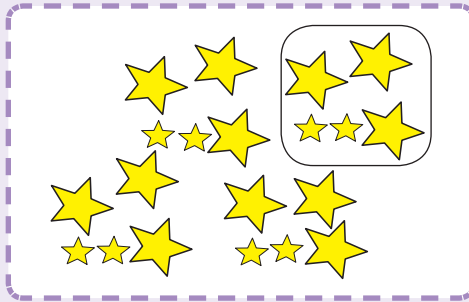
2, _____



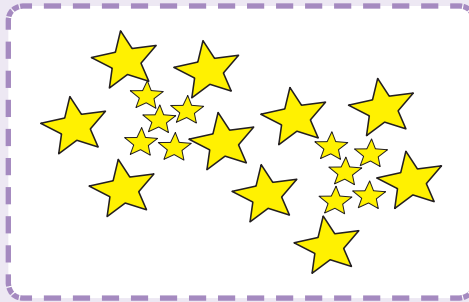
Ke badile
ka di 2.



Ke badile ka
di 5



5, _____





Ke badile
ka di 10



Ngwala mafokopalo

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

Kgolo Nnyane Bjalo ka ye: goba



Gape bjalo ka lefokopalo.

_____ + _____ = _____ goba _____ + _____ = _____

Bjalo ka ye:



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



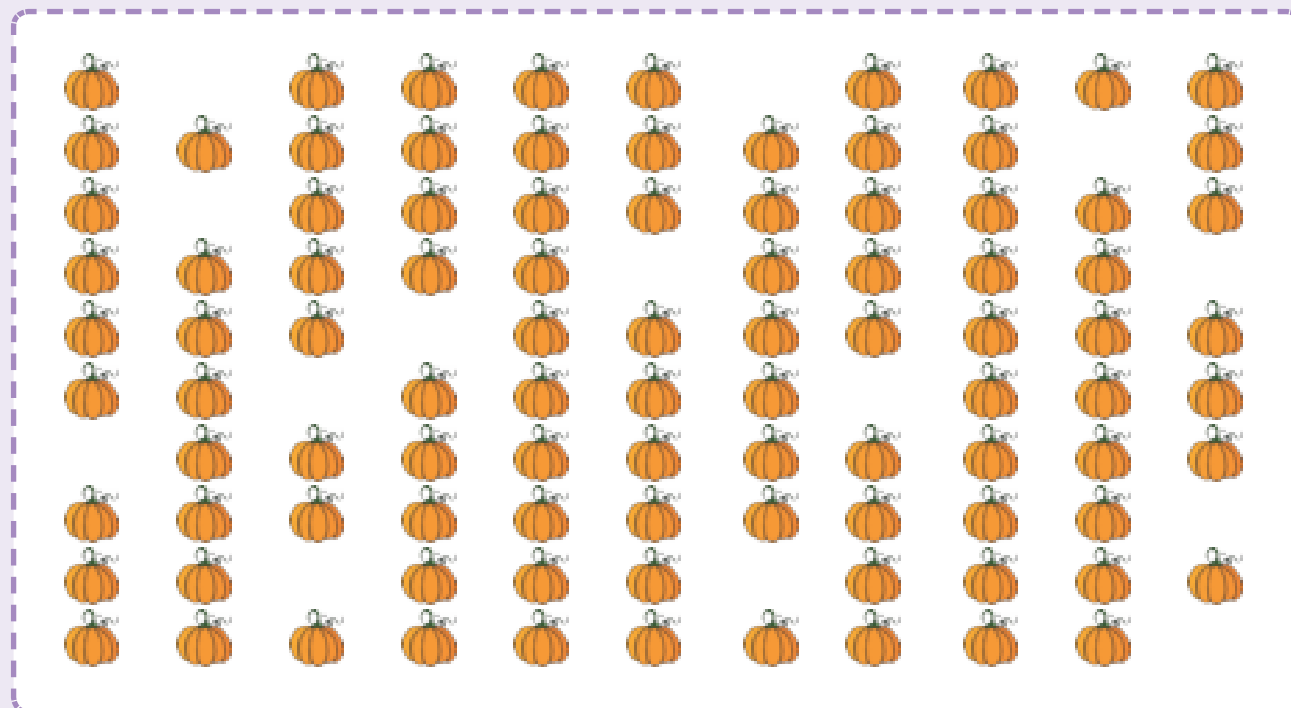
11 12 13 14 15 16 17 18 19 20

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 mekotlana wo mongwe gape?



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

Feleletša mafokopalo.

Mohlala:

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



a. $10 + 10 + 10 =$ _____

_____ dihlopha tša 10 = _____ $\Rightarrow$ _____ $\times$ _____ = _____



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

_____ dihlopha tša 10 = _____ $\Rightarrow$ _____ $\times$ _____ = _____



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 _____ $\times$ 10 = _____



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

3a

Letšatšikgwedi:

Kotara ya I



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



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



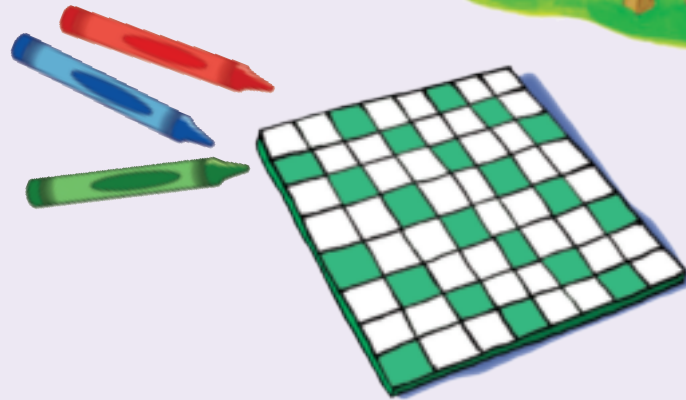
Ngwala dinomoro tše ka mantšu.

90	lesomesenyane	41	
77		56	
14		65	



Go bala le go khalara

Itokišetše go khalara!



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

Ngwala ka di-10 go tloga go 10 go fihla go 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-5 go tloga go 0 – 100.

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

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

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-2.

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

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



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

3b

Letšatšikgwe:

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	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



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.



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: _____

11 12 13 14 15 16 17 18 19 20



4

Letšatšikgwedi:

Kemapalo

Kotara ya l



Go laetša dinomoro tša gago

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

19

43

69

54

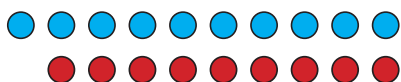
35

10

9



19

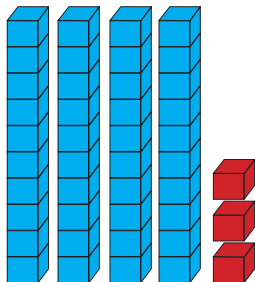


10

9

$$10 + 9 = 19$$

43



10

10

10

10

3

$$40 + 3 = 43$$

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

54

35

69



Go ngwala dinomoro tše

Re go diretše ya mathomo.

Gape re ka re
di-l tše 9

19	$10 + 9$	lesome le di-l 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:

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:

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



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

6

Letšatšikgwedi:

Dipedifatšwa le diripagare

Na o a gopola?

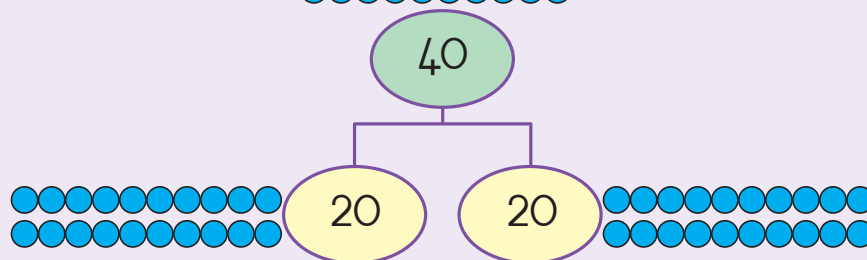
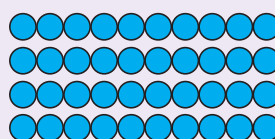
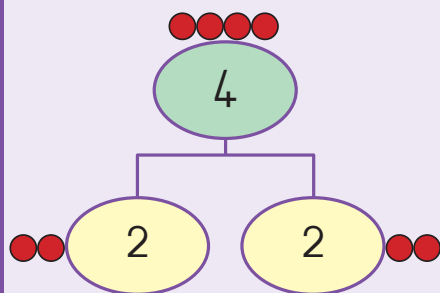
2 gabedi ke 4

20 gabedi ke 40

4 ke 2 gabedi

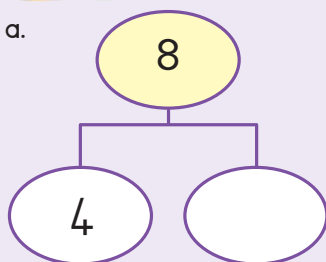
40 ke 20 gabedi

Re ka laetša se ka sethalwa

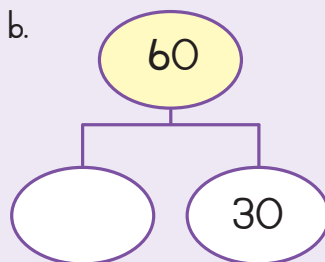


Go hwetša dipedifatšwa goba diripagare

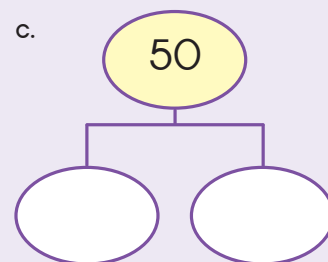
a.



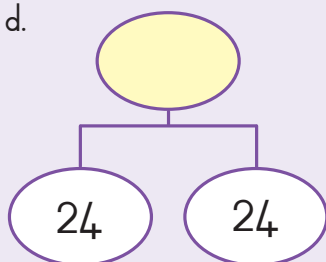
b.



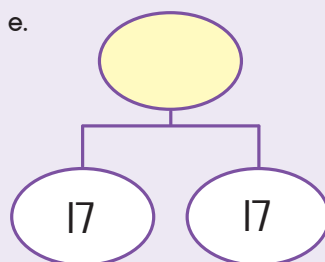
c.



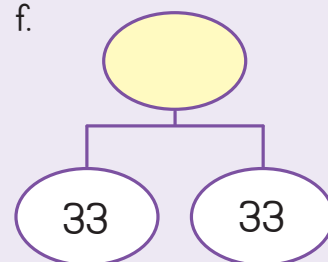
d.



e.



f.



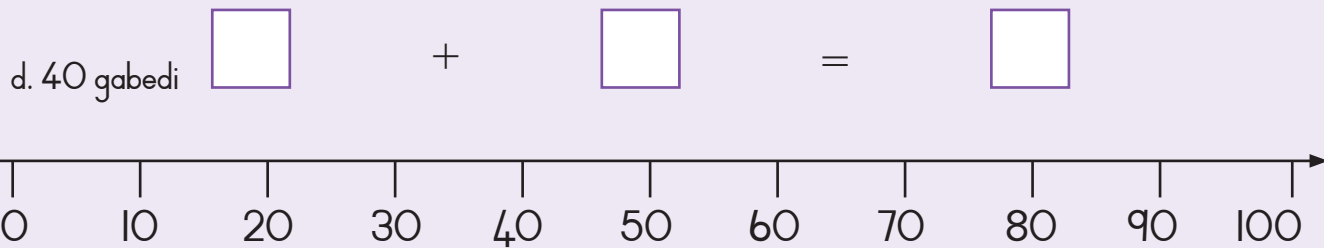
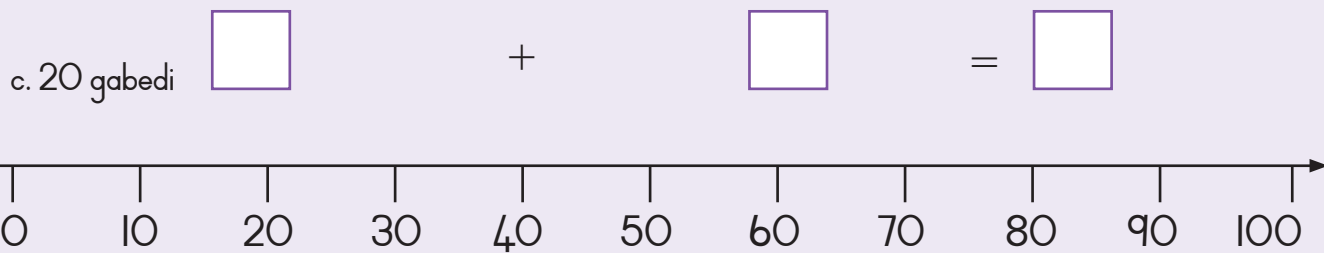
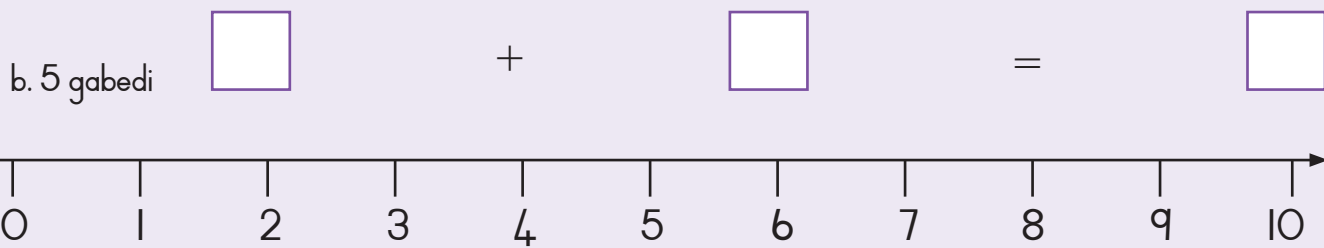
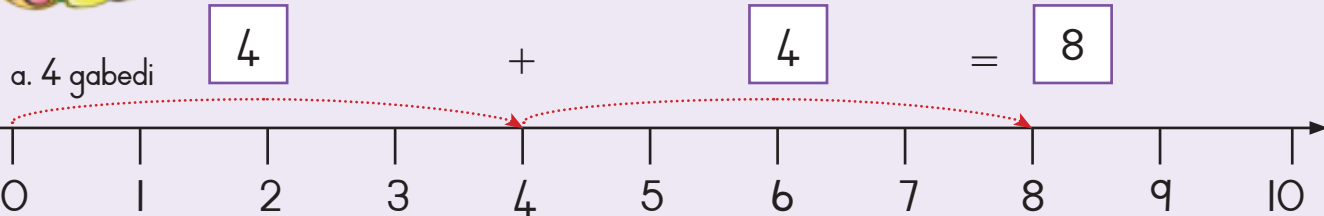
Tlhohlo

Hwetša seripagare sa 3.

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



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



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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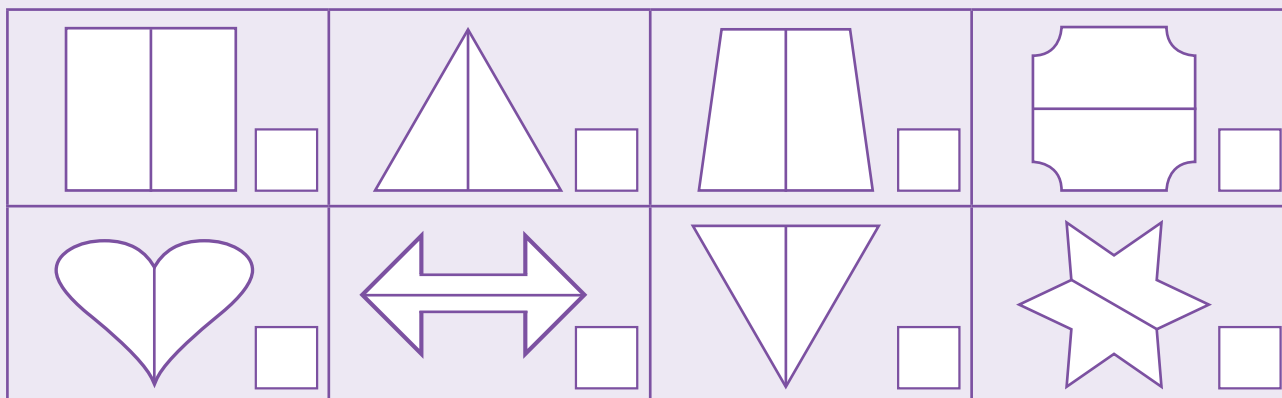
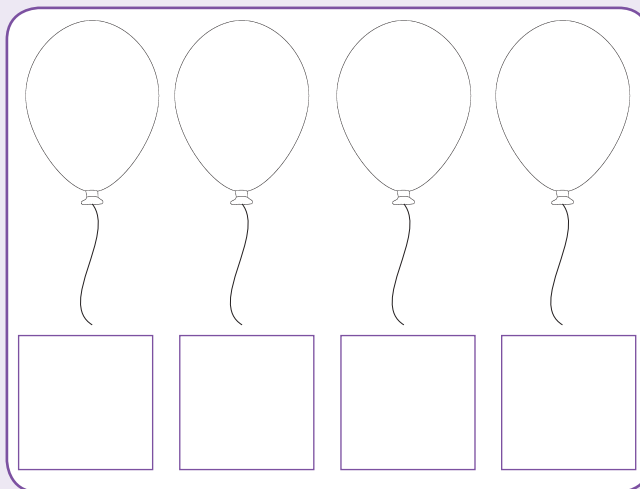
Dipalophatlo

Khalara kotara ya dipalune ka bohubeu, tše dingwe ka botlalerata.

Khalara seripagare sa lepokisi ka bohubeu.

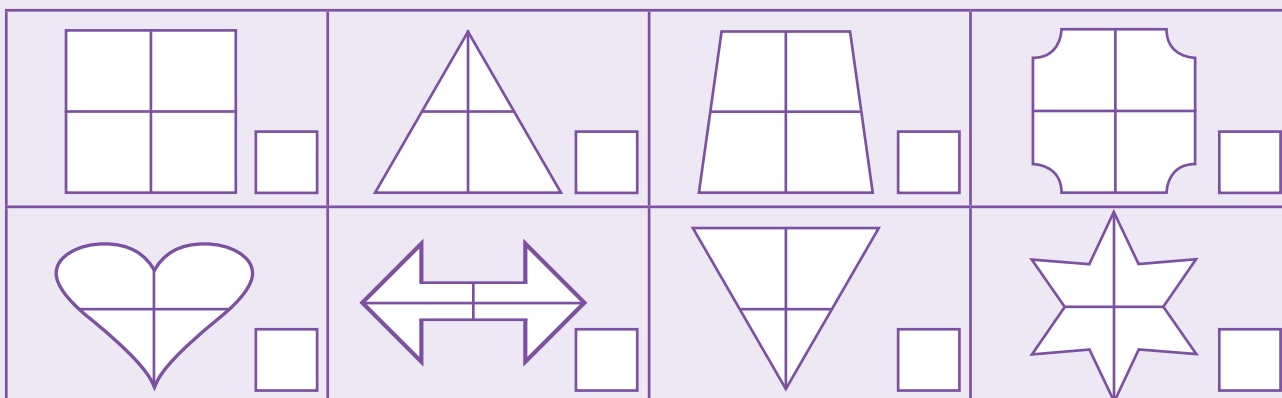


Lebelela seswantšho. Swaya dibopego tše di laetšago diripagare. Khalara seripagare se tee sa sebopego se sengwe le se sengwe se se arotšwego ka diripagare.



Lebelela dibopego. Swaya dibopego tše di laetšago dikotara.

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





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



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



Ngwala karabo ka seka sa palophatlo.

seripagare kotara



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



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



Teacher: _____
Sign: _____
Date: _____

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.





Pankeng

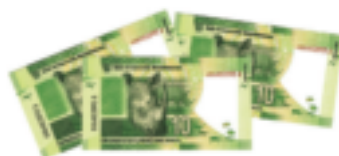
Maria o beakanya tšhelete ya pampiri ka mekgobo ya di 5.

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

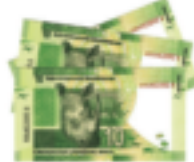
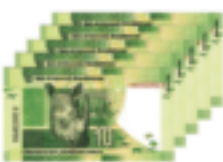
Ngwala palomoka ya seswantšho se sengwe le se sengwe.



Palomoka



R _____



R _____



R _____



Tlhohlo

Leeto la serapeng sa diphoofole

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

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: _____
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Date: _____

q

Letšatšikgwedi:

Dipatrone

Kotara ya l



Šomiša papetla ye ya dinomoro tša 200 go araba dipotšišo.

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
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200



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

105, 110, 115, __, __, __, __	87, 90, 93, __, __, __, __
36, 40, 44, __, __, __, __	184, 186, 188, __, __, __, __
70, 65, 60, __, __, __, __	138, 135, 132, __, __, __, __
180, 176, 172, __, __, __, __	14, 12, 10, __, __, __, __



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



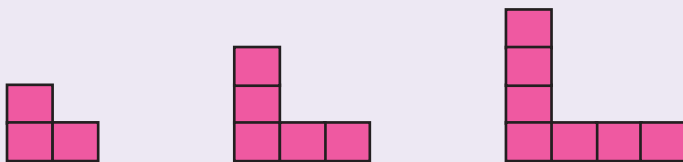
Godiša patrone.



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Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

10

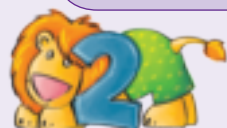
Letšatšikgwe:

Dibolo, mapokisi le disilintere

Kotara ya I



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



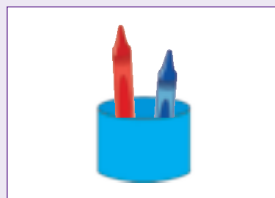
Khalara karabo ya maleba.



Lepokisi

disilaete

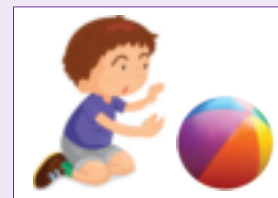
dirolo



Silintere

disilaete

dirolo



Bolo

disilaete

dirolo



Khalara karabo ya maleba.

			
morumo wa kgokolo	morumo wa kgokolo	morumo wa kgokolo	morumo wa kgokolo
morumothwi	morumothwi	morumothwi	morumothwi

			
morumo wa kgokolo	morumo wa kgokolo	morumo wa kgokolo	morumo wa kgokolo
morumothwi	morumothwi	morumothwi	morumothwi



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

	ka morago ga	ka pele ga		ka morago ga	ka pele ga
	kgauswi le	godimo ga		kgauswi le	godimo ga

	ka morago ga	ka pele ga		ka morago ga	ka pele ga
	kgauswi le	godimo ga		kgauswi le	godimo ga



Teacher:
Sign:
Date:

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Thala, rea leina gomme o bapetše diboego tša mahlakorepedi



Thala dibopego

Khutlotharo

Sediko

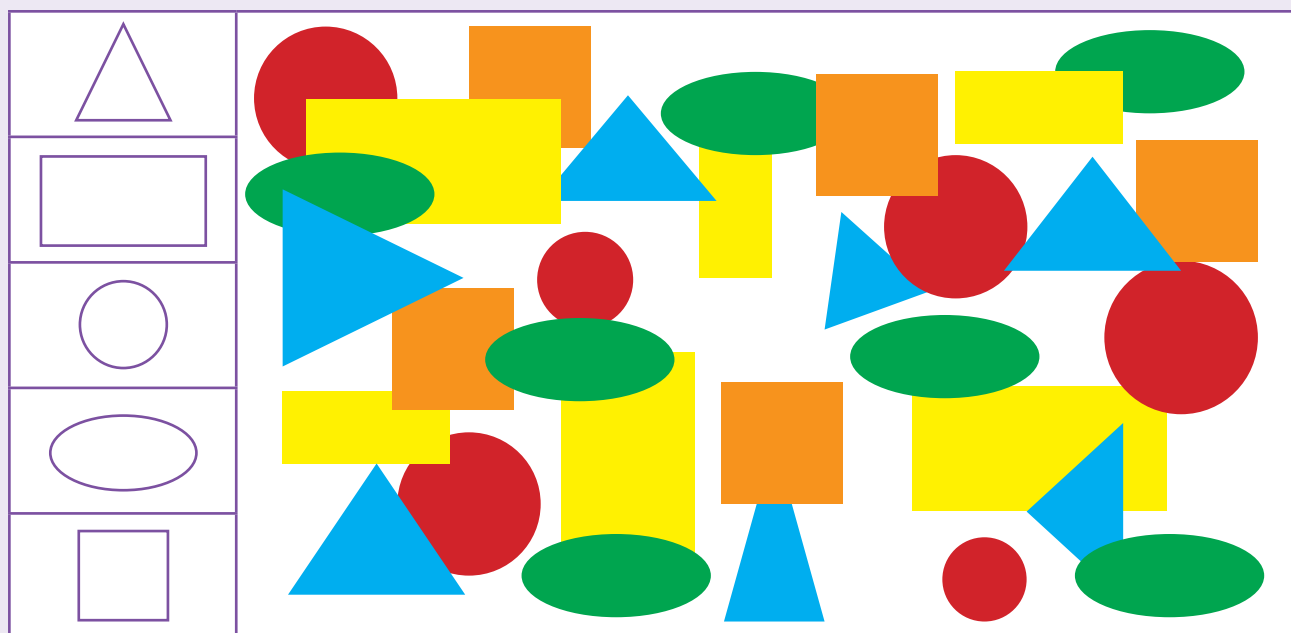
Sekwere

Khutlonnethwi



Go bala dibopego

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





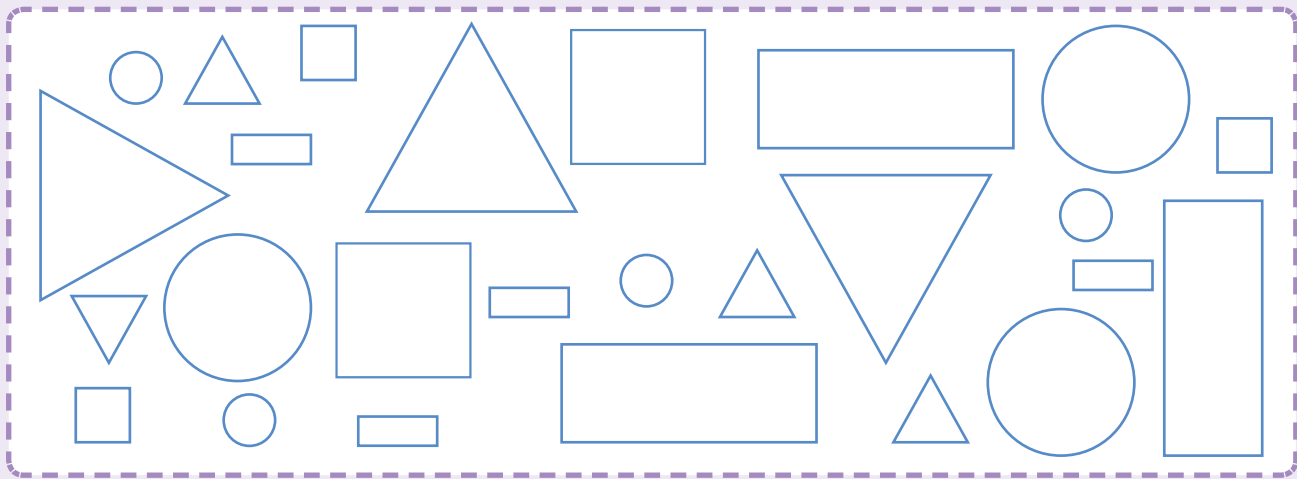
Khalara didiko ka moka tše:

kgolo ka bohubedu, tše nnyane ka botalamorogo;

dikhutlotharo tše kgolo ka botalalerata, dikhutlotharo tše nnyane ka mmala wa namune;

dikwere tše kgolo ka boaserolane, dikwere tše nnyane ka phepholo;

dikhutlonnethwi tše nnyane, tsotho, le dikhutlonnethwii tše nnyane, bopinki.

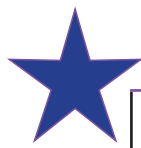
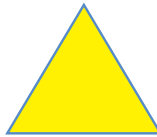
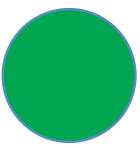


Na ke mahlakore a makae?

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.

 thwi 3 nkgokolo	 thwi nkgokolo	 thwi nkgokolo	 thwi nkgokolo
 thwi nkgokolo	 thwi nkgokolo	 thwi nkgokolo	 thwi nkgokolo



Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

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 I? _____



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)



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 borotheo.



Borotheo bo tsena ka
gare ga onto.



Borotheo bo
a tšwa.



Borotheo 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? _____

Ke bona patrone.

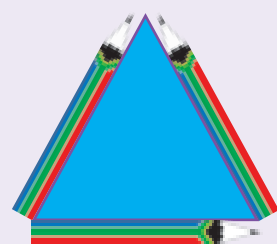


Teacher: _____
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Date: _____

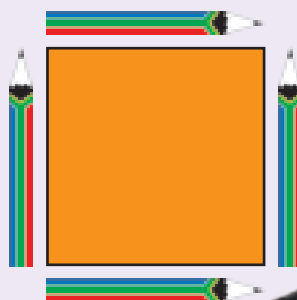
11 12 13 14 15 16 17 18 19 20

Go meta botelele

Kotara ya I



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



Mmogo,
mhlakore 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?



Boteng

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

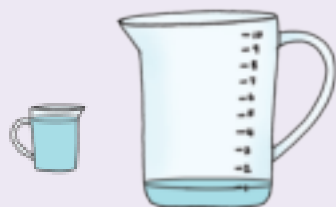


Go sa nyakega dikomiki tše kae tša
meetse gore setšhelo se tlale?



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

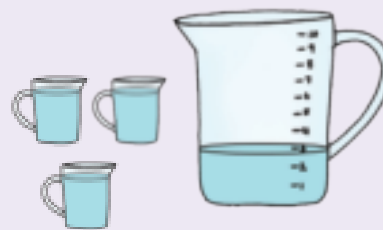
a.



Ka gare ga
setšhelo:

Go nyakega
gape:

b.



Ka gare ga
setšhelo:

Go nyakega
gape:

c.



Ka gare ga
setšhelo:

Go nyakega
gape:

d.



Ka gare ga
setšhelo:

Go nyakega
gape:

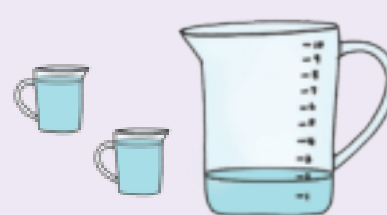
e.



Ka gare ga
setšhelo:

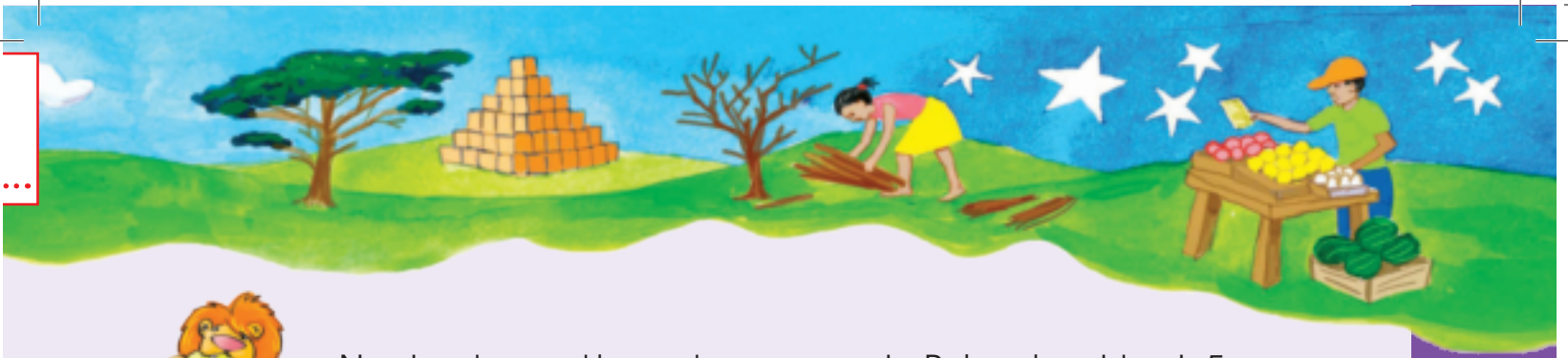
Go nyakega
gape:

f.

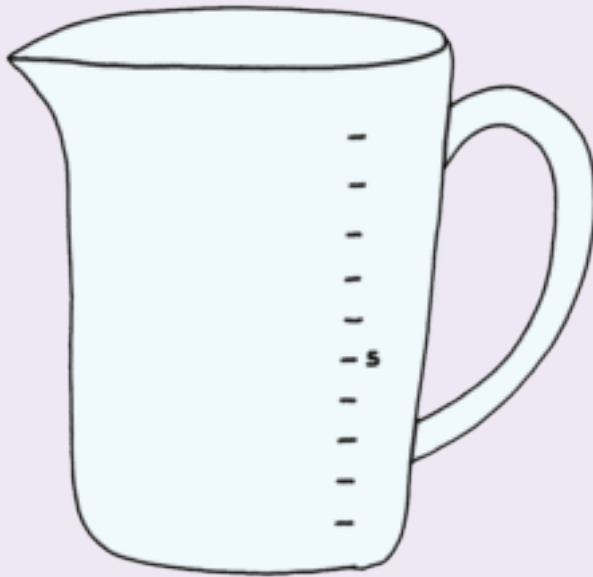


Ka gare ga
setšhelo:

Go nyakega
gape:



Ngwala makga a go khutša jekeng ye ya go ela . Re bontšhitše lekga la 5.
Tlatša makga a mangwe a go khutša mo go jeke.



Gae 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.















Teacher: _____
Sign: _____
Date: _____

Go šoma ka boima

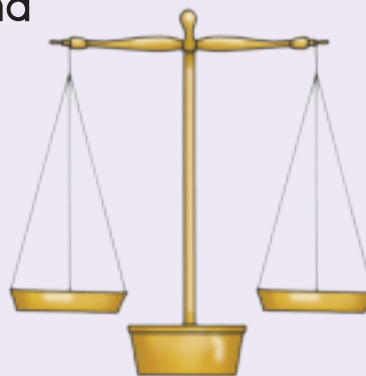


A re ele boima bja rena!

Go hwetša boima bja rena, ge eba re **bofelo** 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



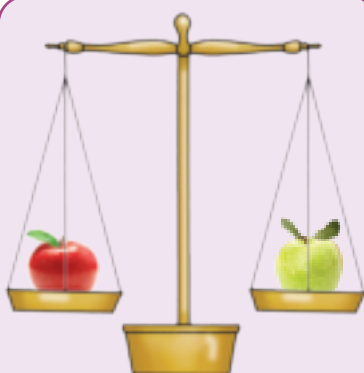
42 kg



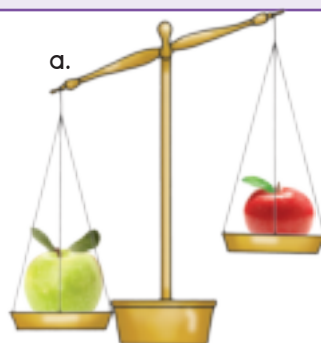
39 kg



Re šomiša sekala sa go lekanyetša, go ela.



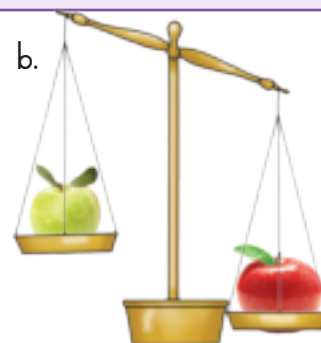
Mo go sekala se,
diapola ka bobedi di kala
go swana.



Araba dipotšišo. Ngwala a goba b.

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

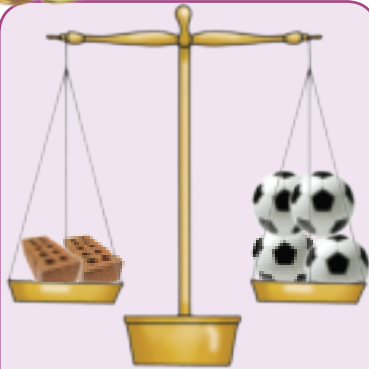
Ke mo go sekala sefe mo apola ye
talamorogo e fetwago ke apola ye khubedu ka boima? ☐





Lekanyetša dikala.

Re go diretše sa mathomo.



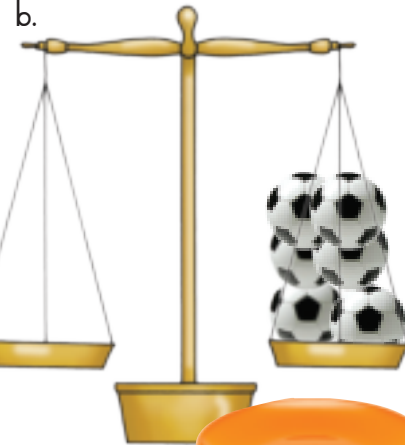
Ditena tše pedi di kala go lekana le dibolo tše nne.

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 diphasele tše 2 le tše 3 di tla kala bokae?

a. diphasele tše 2 _____ kg

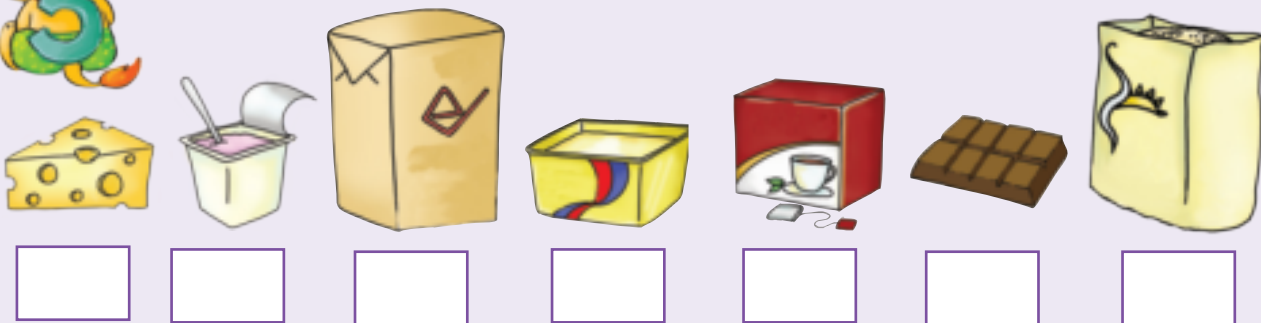
b. diphasele tše 3 _____ kg

c. Na nka kgona go kala diphasele 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 kilogamo e 1 kg.



Teacher:
Sign:
Date:



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 nyakisišeng!

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

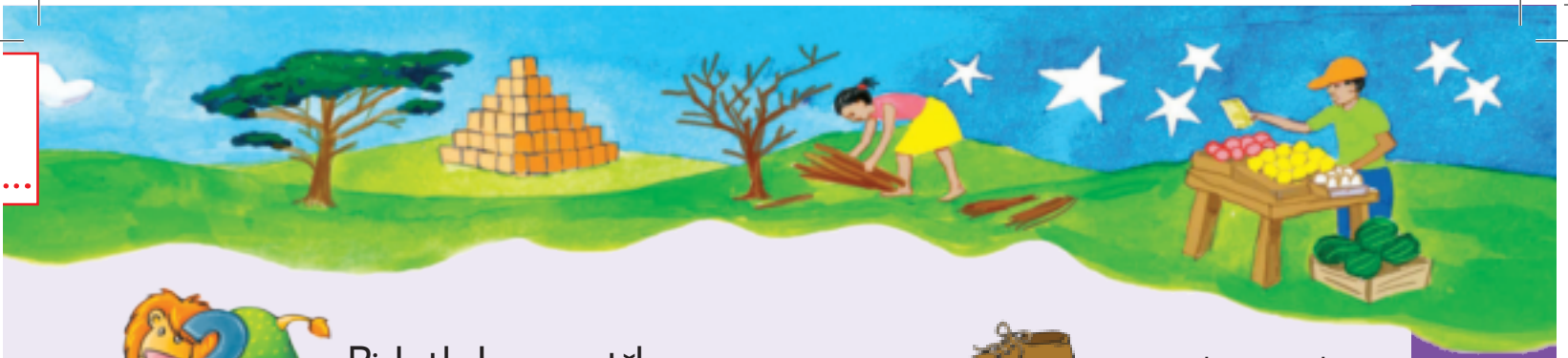
Mdi Maredi o ngwala disease letlapeng.

Mdi Maredi: Balang gomme le ngwale palo ya disease 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.

Disease tša dieta tša ka phapošing					
Saese ya 1	Saese ya 2	Saese ya 3	Saese ya 4	Saese ya 5	Saese ya 6



Bjale thala seswantšho



= morutwana o tee

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



Bjale arabang dipotšišo tše.

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



Na wena?

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

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



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

Bapetša gomme o beakanye dinomoro

75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

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

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

Red and blue circles at the bottom of the page.



Ngwala dinomoro tše di tlogetšwego.

[illegible]

Šomiša papetla ya dinomoro o arabe dipotšišo.

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

- Ngwala dinomoro go tloga go ye kgolokgolo go fihla go ye nnyanennyane. **74, 96, 99, 91, 38**



Feleletša lenaneo le. Thoma ka nomoro ye e filwego.

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



Dira sediko go nomoro ye kgolo.

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

Dira sediko go nomoro ye nnyane.

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



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

$$32 \quad < \quad 64 \qquad 23 \quad > \quad 18$$

$$57 \quad \boxed{} \quad 98 \qquad 89 \quad \boxed{} \quad 57$$



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: _____

Kemapalo ya 99



Go laetša dinomoro o šomiša dilo.

Re ka laetša dinomoro ka dipoloko tša dikemapalo.

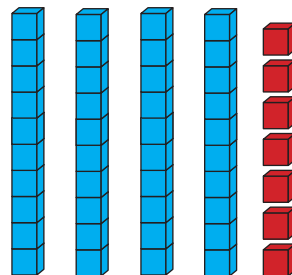
Poloko ye nnyane e emetše 1.

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 seswantšho, 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					



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



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



Nomoro ke efe?

	305 35	<table border="1"> <tr> <th>Masome</th> <th>Metšo</th> </tr> <tr> <td>3</td> <td>5</td> </tr> </table> masometharohlano 35	Masome	Metšo	3	5
Masome	Metšo					
3	5					
		<table border="1"> <tr> <th>Masome</th> <th>Metšo</th> </tr> <tr> <td></td> <td></td> </tr> </table> _____	Masome	Metšo		
Masome	Metšo					
		<table border="1"> <tr> <th>Masome</th> <th>Metšo</th> </tr> <tr> <td></td> <td></td> </tr> </table> _____	Masome	Metšo		
Masome	Metšo					



Teacher: _____

Sign: _____

Date: _____

11 12 13 14 15 16 17 18 19 20



Go bala

Go bea masome mmogo ge
re hlakanya go fihla ka 99

Ye ke tsela e tee ya go
laetša 22.

Masome	Metšo

lesome le 1

metšo ye 12

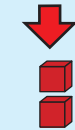
10

10

2



Re na le lesome le tee

Re na le metšo
ye lesomepediRe 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

metšo ye 7

a 2

+ metšo ye 4

20

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

20

10

1

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

Masome	Metšo

+

=

30

1



Ngwala lefokopalo leo le laetšwago ke seswantšho

Masome	Metšo
$10 + 5 + 6$	

Masome	Metšo
$\underline{\quad} + \underline{\quad} + \underline{\quad}$	

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

Feleletša diswantšho. Ngwala mafokopalo ao a laetšwago ke seswantšho.

Masome	Metšo

Masome	Metšo

Masome	Metšo

Masome	Metšo

Masome	Metšo

Masome	Metšo



Teacher: _____
Sign: _____
Date: _____

Hlakanya mo go mothaloalo

Dula tesekeng ya gago!

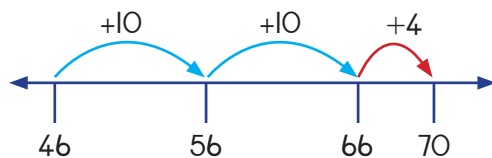
Sekolong sa rena morutwana yo mongwe le yo mongwe o na le teseke ya gagwe.

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

Na re nyaka ditesi tse kae tša diphapoši ka bobedi?

Go šoma le mogwera

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



Ke swanetše go hlakanya 24 le 46.



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

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

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

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

$$= 56 + 10 + 4$$

$$= 66 + 4$$

$$= 70$$

a. $32 + 25 =$





b. $52 + 26 =$

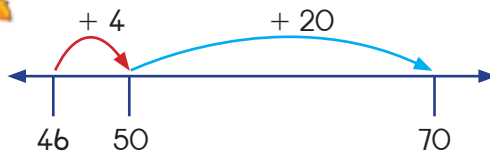
←

→

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: _____

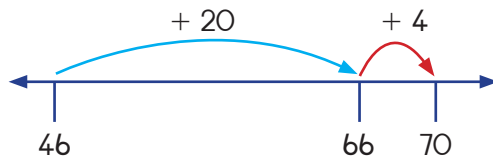
20b

Letšatšikgwedi:

Hlakanya mo go mothalopalo (tšwetšopele)

Kotara ya I

b. $57 + 19 = \square$



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.

$$= 46 + 20 + 4$$

$$= 66 + 4$$

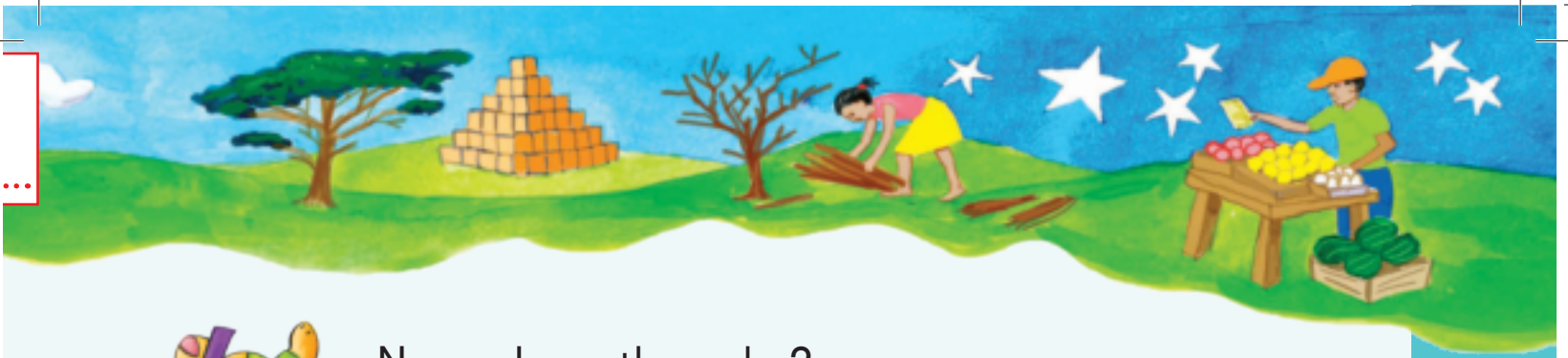
$$= 70$$

a. $63 + 24 = \square$



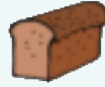
b. $65 + 29 = \square$





Na go na le marotho a makae?

Mopaki o romela marotho a matsotho a 54



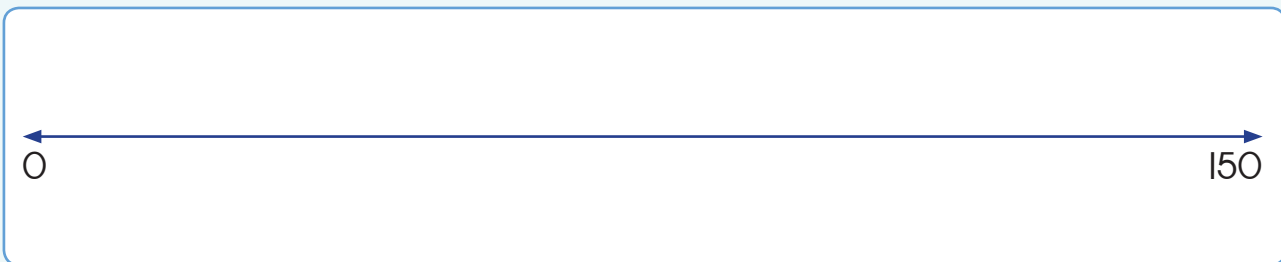
le



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.

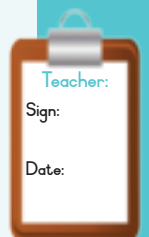
Šomiša mkgwa wo mongwe le wo mongwe wo o o ratago.

$$38 + 24 =$$

$$58 + 17 =$$

$$75 + 16 =$$

$$83 + 29 =$$



11 12 13 14 15 16 17 18 19 20

Ntšha mo go mothaloalo

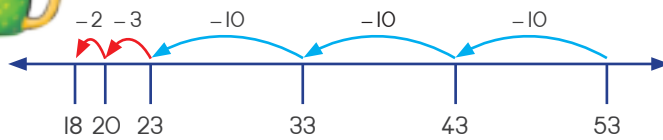
Morutwana o tee! Rula e tee!

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 mothaloalo 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.

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

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

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

$$= 23 - 3 - 2$$

$$= 20 - 2$$

$$= 18$$



a. $68 - 24 =$

←

→

b. $74 - 38 =$

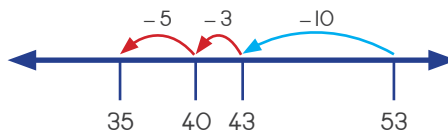
←

→

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. $38 - 14 =$

←

→



Teacher: _____

Sign: _____

Date: _____

21b

Letšatšikgwedi:

Kotara ya I

Ntšha mo go mothalopalo (tšwetšopele)

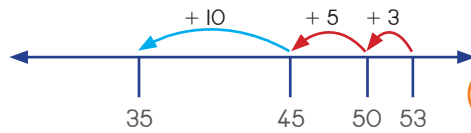
b. $65 - 43 =$



c. $72 - 39 =$



d. $85 - 48 =$



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



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

a. $84 - 32 =$





b. $96 - 53 =$

←

→

c. $78 - 19 =$

←

→

d. $63 - 47 =$

←

→



Go sepela ka thekisi

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

Na re šaletšwe ke bokgole bjo bokaakang?

Šomiša mothalo palo go rarolla lefokopalo le.



←

→

km



Teacher: _____

Sign: _____

Date: _____

Ke nako ya moletlo

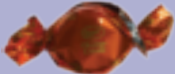


Peakanyo ya mathomo!

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				



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

Teacher: _____

Sign: _____

Date: _____

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?

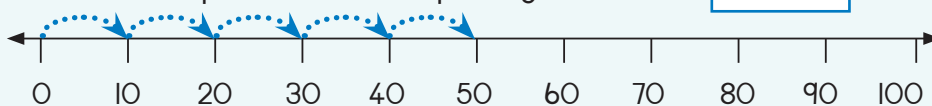
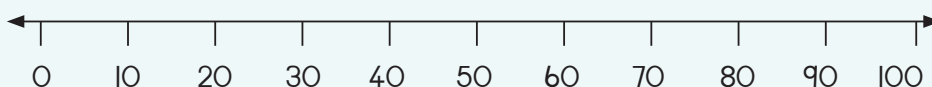
a. 

b. 

c. 



Bala mo mothaloalong.

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



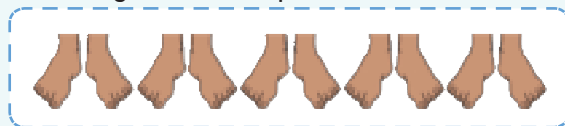
Dihlopha tše 3 tša 10 di dira— **30** $3 \times 10 = 30$ goba $10 \times 3 = 30$

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

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



Dipara tše 5 tša maoto.
Menwana ke ye mekae ka palo?



$10 + 10 + 10 + 10 + 10 = 50$ $5 \times 10 =$

goba $10 \times 5 =$

Dira tše ka wona mokgwa wo.

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

= $\times$ = goba $\times$ =

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

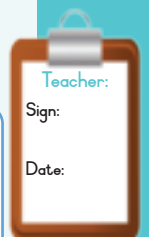
= $\times$ = goba $\times$ =



A re baleng

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

, , , , , , , , , , 200



Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20



Ithute ka di-5

Na ke dihlapi tše kae? Akanya Bjale bala dihlapi. Hwetša palomoka.

Bala ka di-5



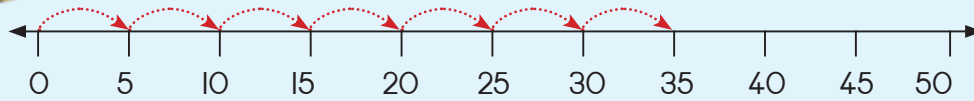
Hwetša palomoka ya mae a hlapi. Ngwala mothalo palo wa + le wa ×.

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	$2 + 2 + 2 + 2 + 2 = 10$	$5 \times 2 = 10$
Dihlapi tše 5, ye nngwe le ye nngwe e bea mae a 10		
Dihlapi tše 5, ye nngwe le ye nngwe e bea mae a 4		
Dihlapi tše 5 ye nngwe le ye nngwe e bea mae a 3		
Dihlapi tše 5, ye nngwe le ye nngwe e bea mae a 6		
Dihlapi tše 5, ye nngwe le ye nngwe e bea mae a 8		
Dihlapi tše 5, ye nngwe le ye nngwe e bea mae a 5		



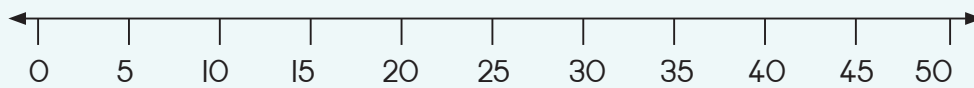
Feleletša mafokopalo le methalopalo



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

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

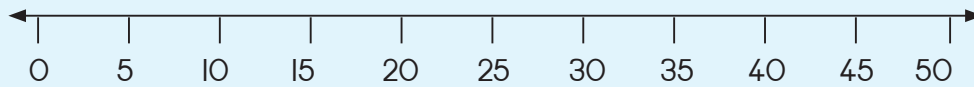
a.



$$5 + 5 + 5 + 5 = \boxed{}$$

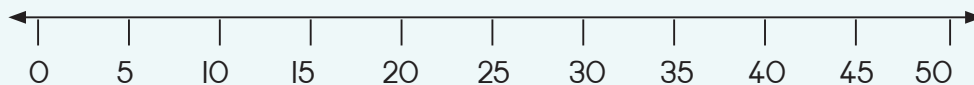
$$\text{goba } \boxed{} \times \boxed{} = \boxed{}$$

b.



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

c.



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



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?



Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

25a

Letšatšikgwedi:

Kotara ya I



Go bala masokisi

Bala ka di-2



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? _____



Go bala diphere tša masokisi.

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

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



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

25b

Letsatsikgwe:

Kotara ya l

Bala ka di-2 (tšwetšopele)



Go bopa diphere

Ngwala dipalotekanelo le dipalotlhokatekanelo go tloga go l – 60.

a. Ngwala dipalotekanelo go tloga go l – 60.

2, 4, 6,

b. Ngwala dipalotlhokatekanelo go tloga go l – 60.

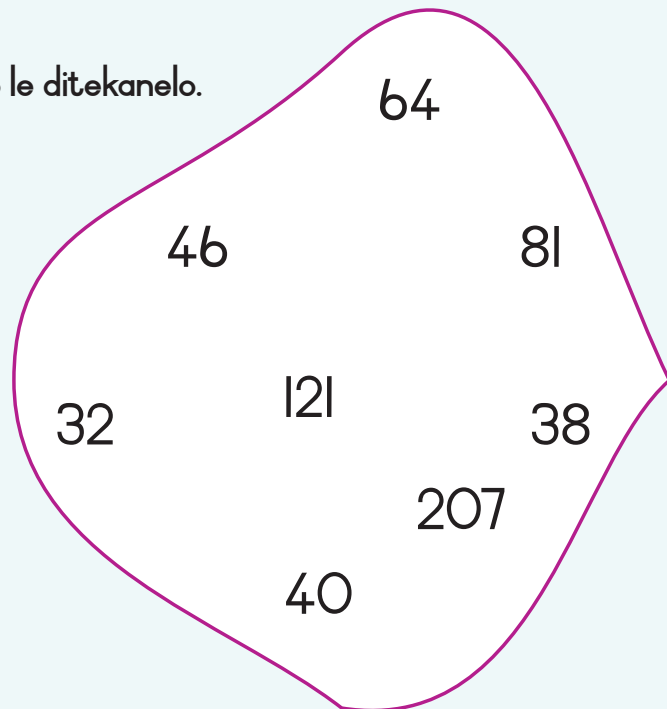
3, 5, 7,



Dipalotlhokatekanelo le ditekanelo.

Thala sediko mo go dipalotekanelo.

Thalo sekwere go dikologa dipalotlhokatekanelo.





Go tloga go diphere go ya go masokisi.

Mohlala:

Masokisi a 2 = phere 1



$$2 \times 1 = 2$$

Masokisi a 20 = diphere tše 10

$$2 \times 10 = 20$$

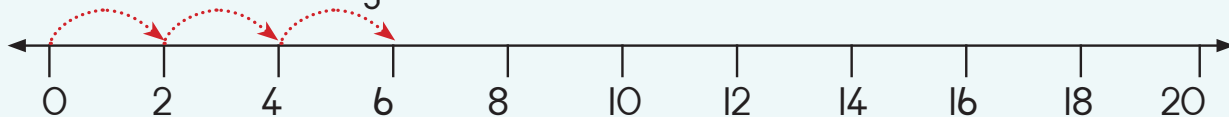
a. Ngwala palo ya masokisi.

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 _____		

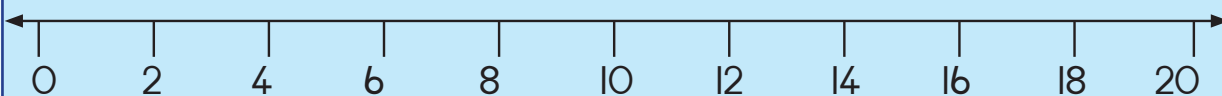
b. Feleletša methalopalo.

Mohlala:

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



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



11 12 13 14 15 16 17 18 19 20

Tšhelete ya kgale le ya gonabjale



Kanegelo ka ga tšhelete ya rena

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

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





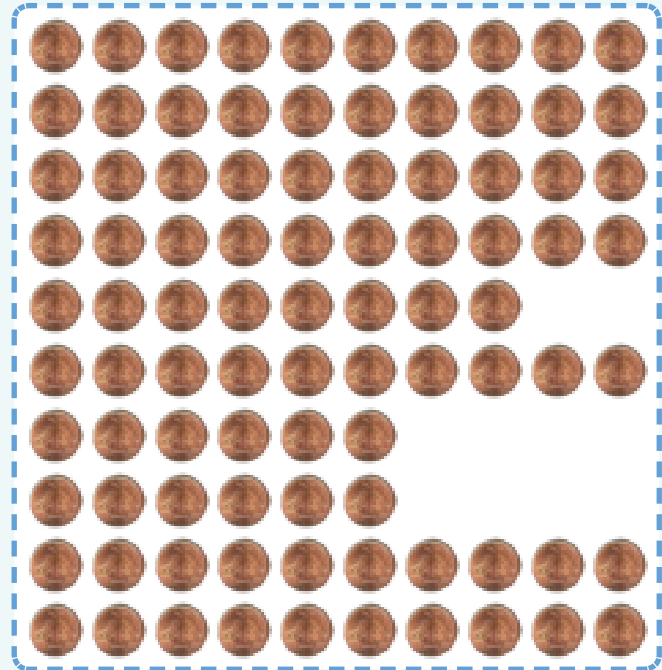
Bala disente

Bala disente.

Na o na le disente tše kae?

Na go nyakega bokae go dira R1,00?

Di thale ka gare ga poloko.



Na ke disente tše kae?

R1,00 = 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?



Teacher:

Sign:

Date:

Bala ka di-3



Maotwana ka di-3



Traesekele e 1 e na le maotwana a ____.

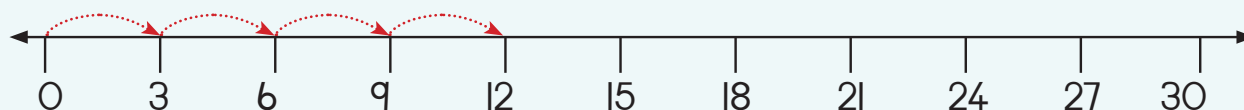


Ditraesekele tše 5 di na le maotwana a _____.	$3 + 3 + 3 + 3 + 3 = 5 \times 3 = \underline{\hspace{2cm}}$
Ditraesekele tše 2 di na le maotwana a _____.	$3 + 3 = 2 \times 3 = \underline{\hspace{2cm}}$
Ditraesekele tše 4 di na le maotwana a _____.	
Ditraesekele tše 6 di na le maotwana a _____.	
Ditraesekele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

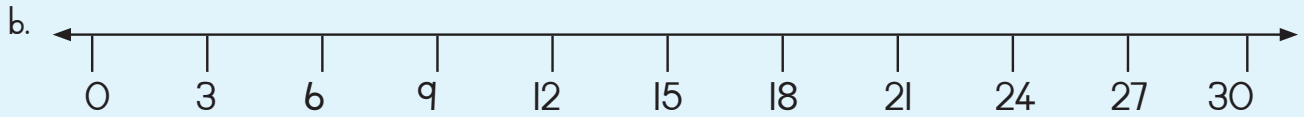


Methalopalo

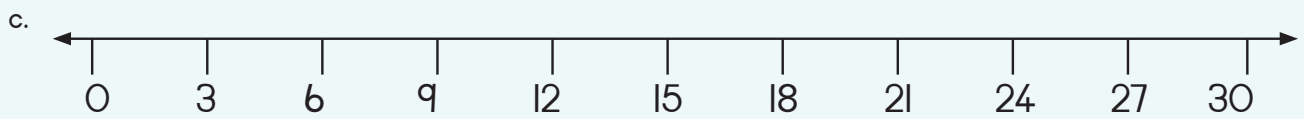
Latela mohlala.



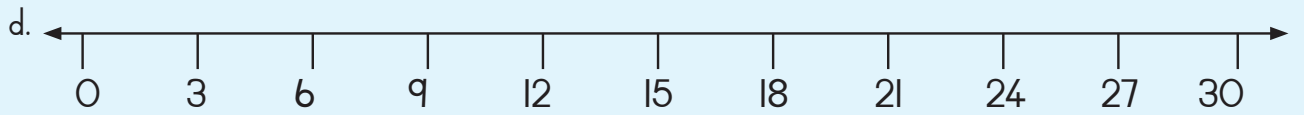
a. $3 + 3 + 3 + 3 = \boxed{\hspace{1cm}} = 4 \times 3 = \boxed{\hspace{1cm}}$



$$3 + 3 + 3 + 3 + 3 = \boxed{} = \boxed{} \times \boxed{} = \boxed{}$$



$$\underline{\hspace{2cm}} = \boxed{} = 6 \times 3 = \boxed{}$$



$$\underline{\hspace{2cm}} = \boxed{} = 10 \times 3 = \boxed{}$$



Dipaesekele le ditraesekele



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

Na go na le dipaesekele tše kae? _____

Na go na le ditraesekele tše kae? _____



Teacher: _____
Sign: _____
Date: _____

Na ke eng seo se tšwelelago ka di-4?



Maotwana a mane

Dikgomo di na le maoto a mane.

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



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

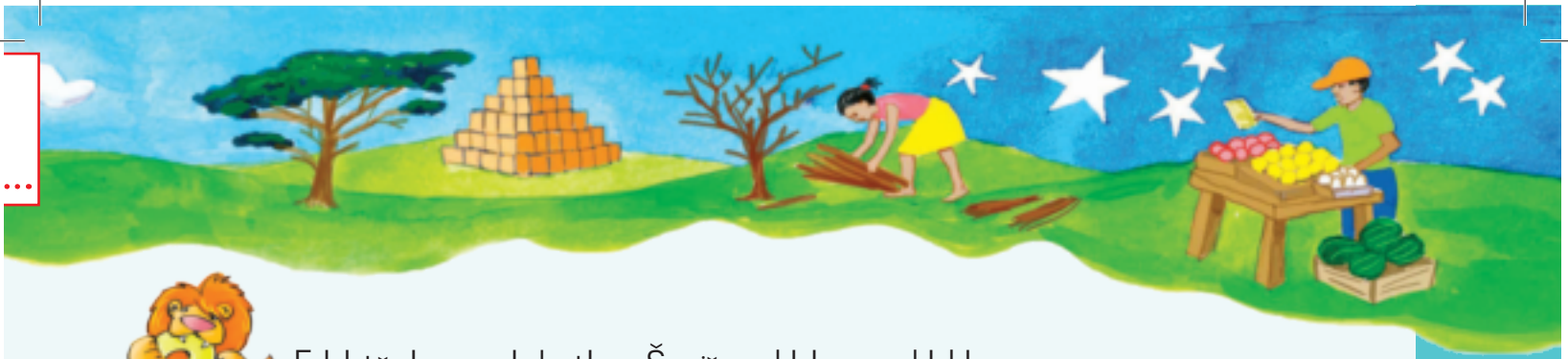


Go bala maoto

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



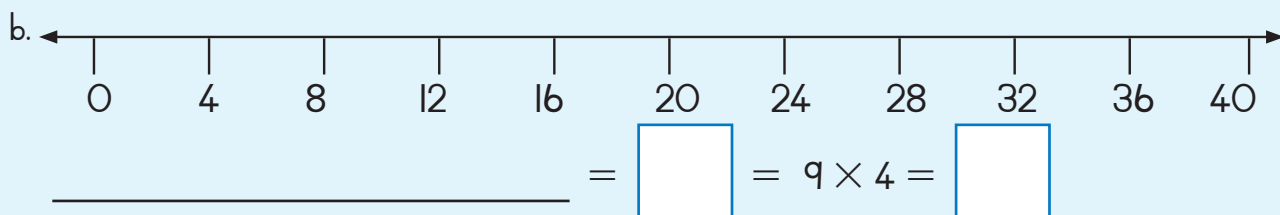
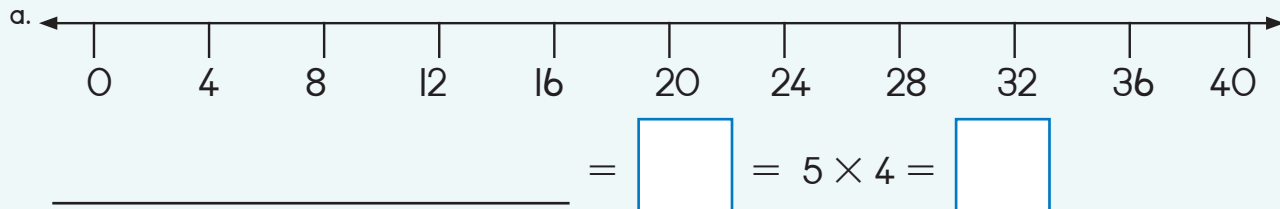
Feleletša lenaneo la ka tlase. Šomiša mohlala go go hlhla.

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



Methalopalo

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



Teacher: _____
Sign: _____
Date: _____



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: _____

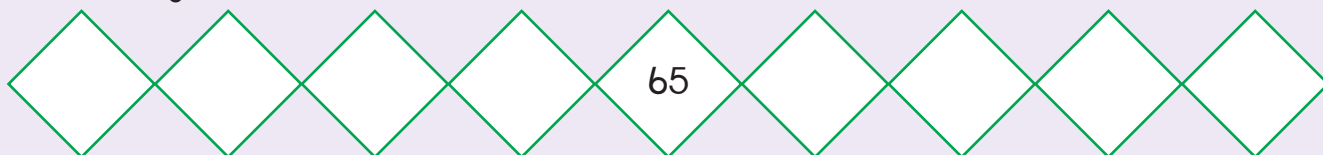


Go itirela patrone ya gago

- 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?



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: _____

11 12 13 14 15 16 17 18 19 20

30a

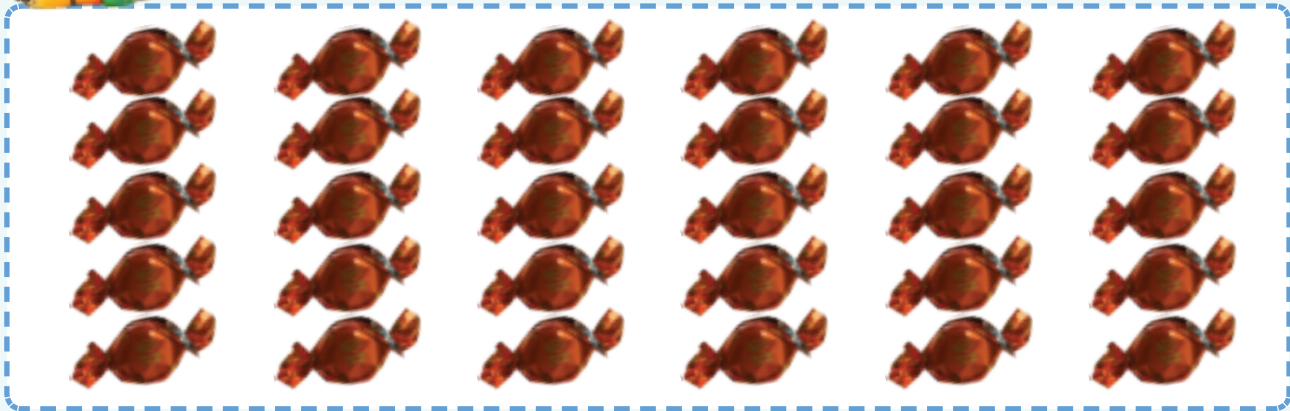
Letsatsikgodi:

Go arola

Kotara ya I



Abaganya malekere:



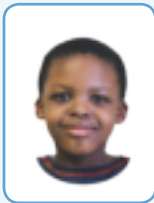
a. Abaganya malekere a 30 magareng ga bana ba ba 2.



Re ka e ngwala bjale

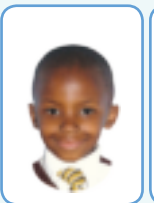
$$30 \div 2 = 15$$

b. Abaganya malekere magare ga bana ba 3.



$$\div =$$

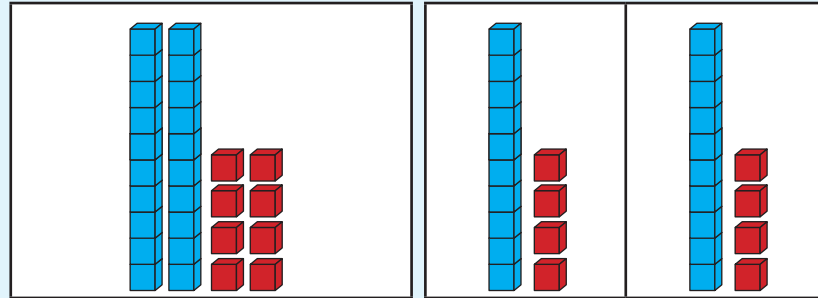
c. Abaganya malekere a 30 magareng ga bana ba ba 5.



$$\div =$$



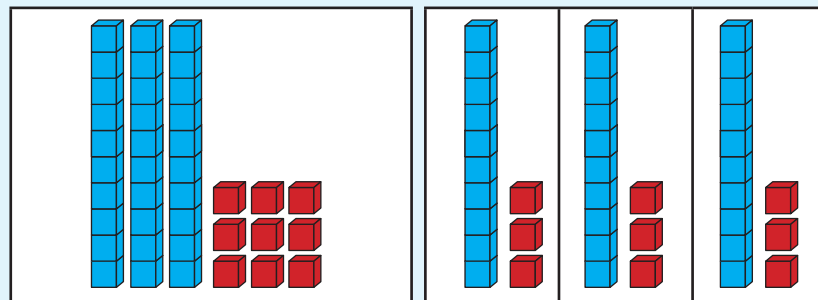
Re ka šomiša dipoloko tša dinomoro go dira karolo.



$$\begin{array}{|c|c|} \hline 2 & 8 \\ \hline \end{array} \div \begin{array}{|c|} \hline 2 \\ \hline \end{array} = \begin{array}{|c|c|} \hline 1 & 4 \\ \hline \end{array}$$

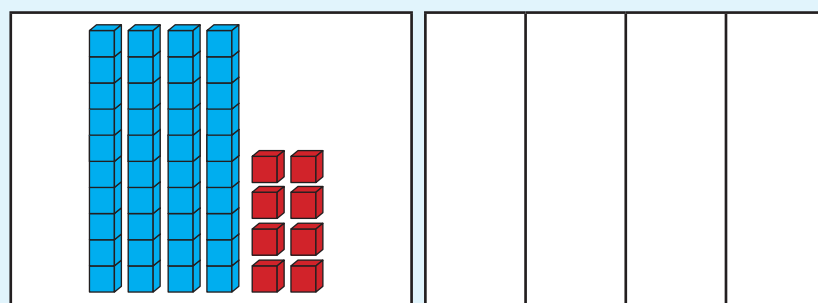
Bjale dira tše:

a.



$$\begin{array}{|c|c|} \hline & \\ \hline \end{array} \div \begin{array}{|c|} \hline 3 \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$$

b.



$$\begin{array}{|c|c|} \hline & \\ \hline \end{array} \div \begin{array}{|c|} \hline 4 \\ \hline \end{array} = \begin{array}{|c|c|} \hline & \\ \hline \end{array}$$



30b

Letšatšikgwedi:

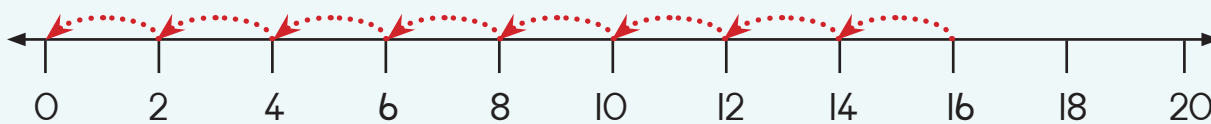
Kotara ya I

Go arola (tšwetšopele)



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

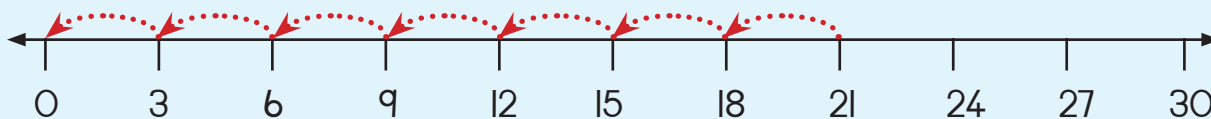
Mohlala:



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

$$16 \div 2 = 8$$

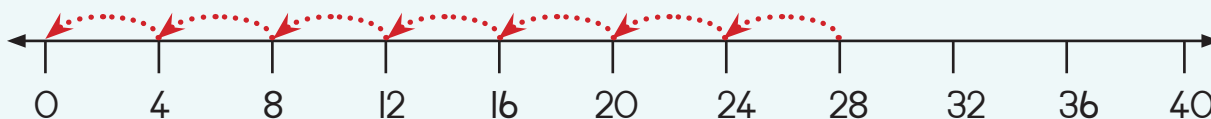
a.



$$21 - \underline{\hspace{2cm}} =$$

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

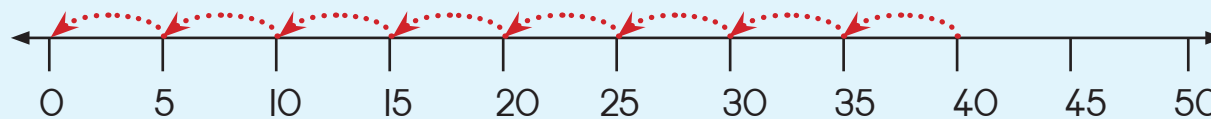
b.



$$28 - \underline{\hspace{2cm}} =$$

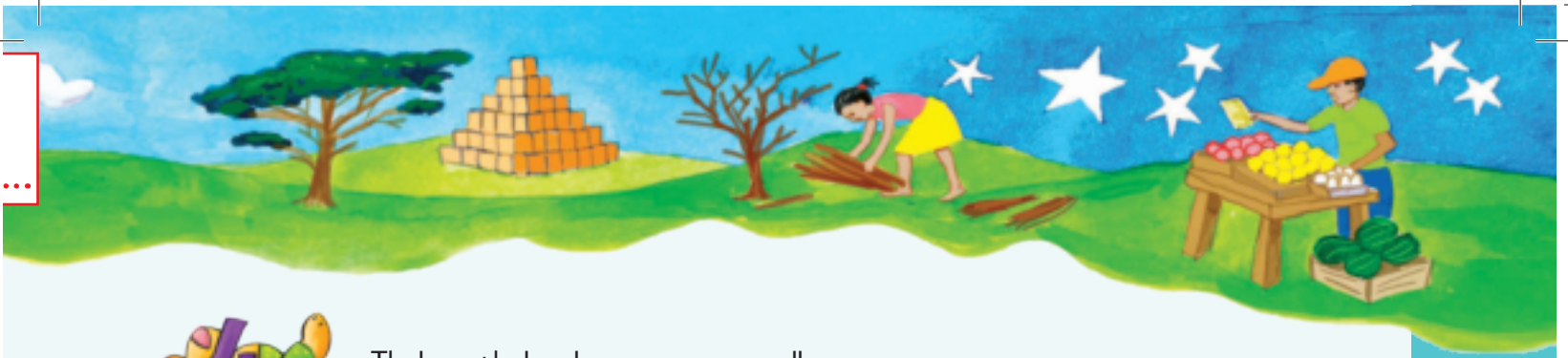
$$\boxed{} \div \boxed{} =$$

c.



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

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



Thala mothalo palo gomme o e rarolle.

a. $30 \div 5 =$



b. $22 \div 2 =$



c. $27 \div 3 =$



d. $32 \div 4 =$



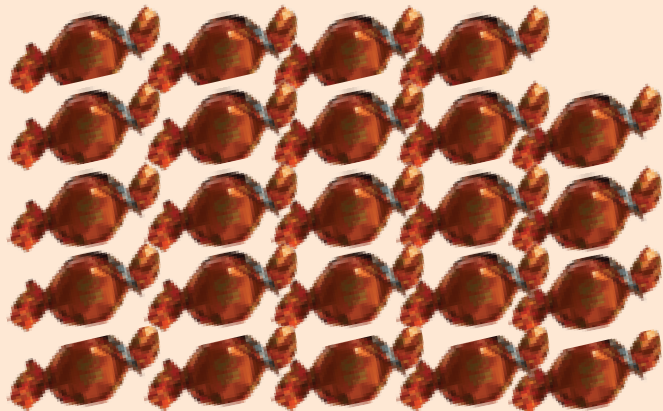
e. $25 \div 5 =$



Tlhohlo

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

Ngwala lefokopalo go laetša
karabo ya gago.

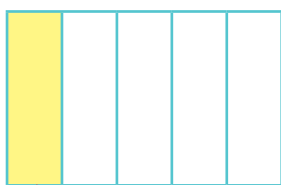


Teacher: _____
Sign: _____
Date: _____

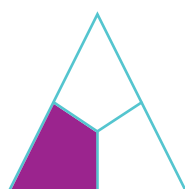
Dipalophatlo



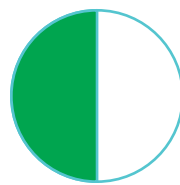
Thala methalo go nyalanya dibopego le dipalophatlo.



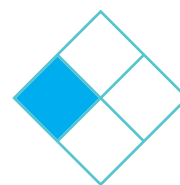
Teetharong $\frac{1}{3}$



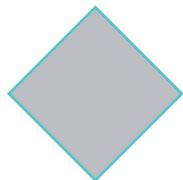
Teetlhanong $\frac{1}{5}$



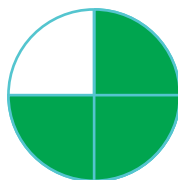
Kotara $\frac{1}{4}$



Seripagare $\frac{1}{2}$



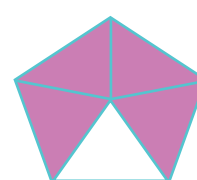
Tharonneng $\frac{3}{4}$



Nnetlhanong $\frac{4}{5}$



Tee 1

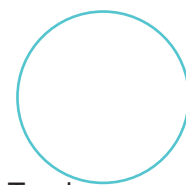


Peditharong $\frac{2}{3}$

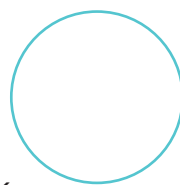
Arola gomme o khalare sebopego go laetša palophatlo ye e ngwadilwego:



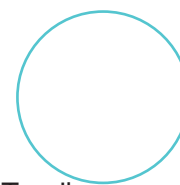
$\frac{1}{2}$ Seripagare



$\frac{1}{3}$ Teetharong

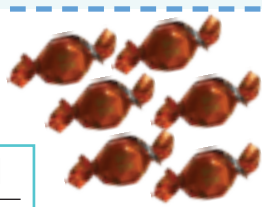


$\frac{1}{4}$ Kotara

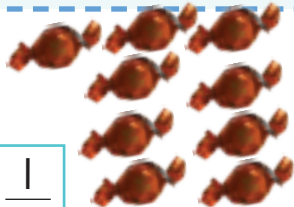


$\frac{1}{5}$ Teetlhanong

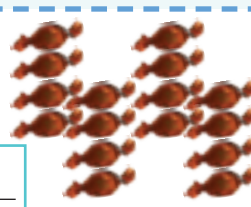
Laetša palophatlo ka go thala mothalo go dikologa palo ya maleba ya malekere.



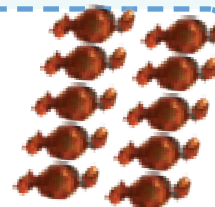
$\frac{1}{2}$ Seripagare



$\frac{1}{3}$ Teetharong



$\frac{1}{4}$ Kotara



$\frac{1}{5}$ Teetlhanong

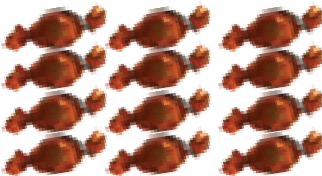
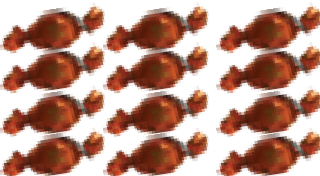


Abaganya dibaledi gare ga bana ba babedi.

<table><tr><td></td><td></td></tr><tr><td> </td><td> </td></tr></table>					<table><tr><td></td><td></td></tr><tr><td> </td><td> </td></tr></table>					<table><tr><td></td><td></td></tr><tr><td> </td><td> </td></tr></table>					<table><tr><td></td><td></td></tr><tr><td> </td><td> </td></tr></table>				
• 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.

 <table border="1" data-bbox="336 1501 699 1689"><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>									 <table border="1" data-bbox="989 1501 1354 1689"><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table>						
															
															
• kotara malekere = 3 • pedinneng malekere = ____ • tharonneng malekere = ____ • nnenneng malekere = ____	• teetharong malekere = ____ • peditharong malekere = ____ • tharotharong malekere = ____														



Teacher: _____
Sign: _____
Date: _____

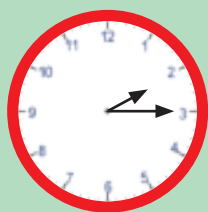
32

Letšatsikgwe:

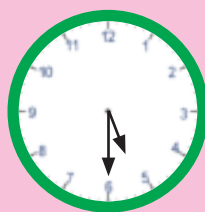


Ka go la mmagoja

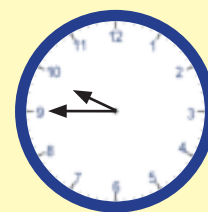
Re ka ngwala nako ka tsela tša go fapana.



2:15

kotara go tšwa go iri ya
bobedi

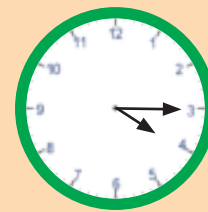
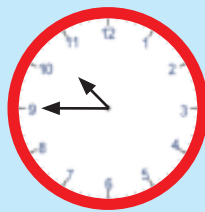
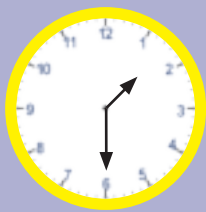
5:30

seripagare go tšwa go iri
ya bohlano

9:45

kotara go ya go iri ya
lesome

Ngwala dinako tše ka ditsela tša go fapana.



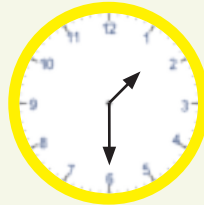


Go ya gae

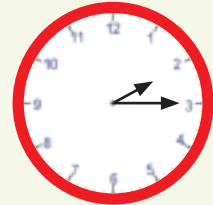
Na Maremo o tšea sebaka se sekaakang go fihla gae?

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 27 ke Letšatši la Tokologo.

Mosegamanye 16 ke Letšatši la Bafsa.

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

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					

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		

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



Teacher: _____

Sign: _____

Date: _____

11 12 13 14 15 16 17 18 19 20

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

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

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



Ngwala dinomoro tše di tlogetšwego

a.

200		180			
					110
50					
					0

b.

87		107	
167			
		207	
			237



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.



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

Fetša

168	←		←	157	←		←	151	←		←	145



Teacher: _____

Sign: _____

Date: _____

Go šoma ka dihlopha tša dinomoro



Go paka dikerese

MmaMotau o šoma femeng ya dikerese.

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



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

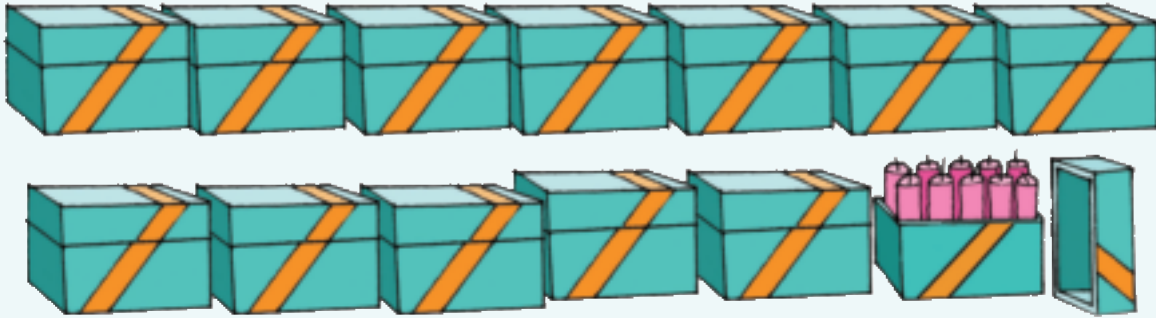
Na go na le mapokisi a makae godimo ga šelofo ye nngwe le ye nngwe? _____

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



Mapokisi a dikerese

MmaMotau o tswalela mapokisi.



a. Bala mapokisi ka moka.

Na ke mapokisi makae? _____

Na ke dikerese tše kae ge di kopane? _____

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

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

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

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

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



35a

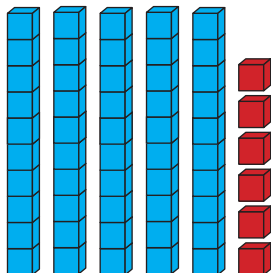
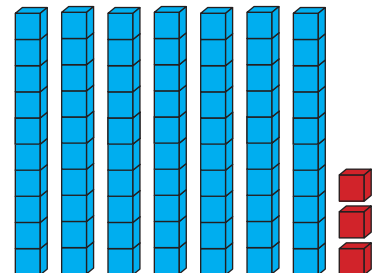
Letšatšikgwedi:

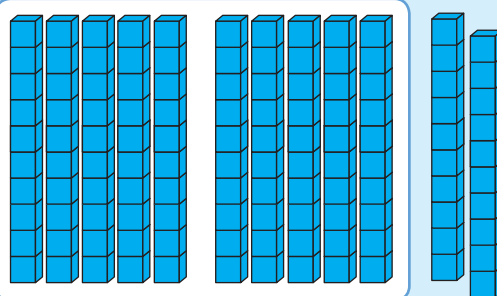
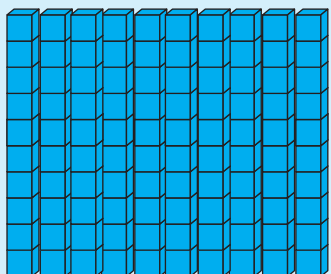
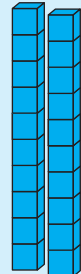
Kotara ya 2

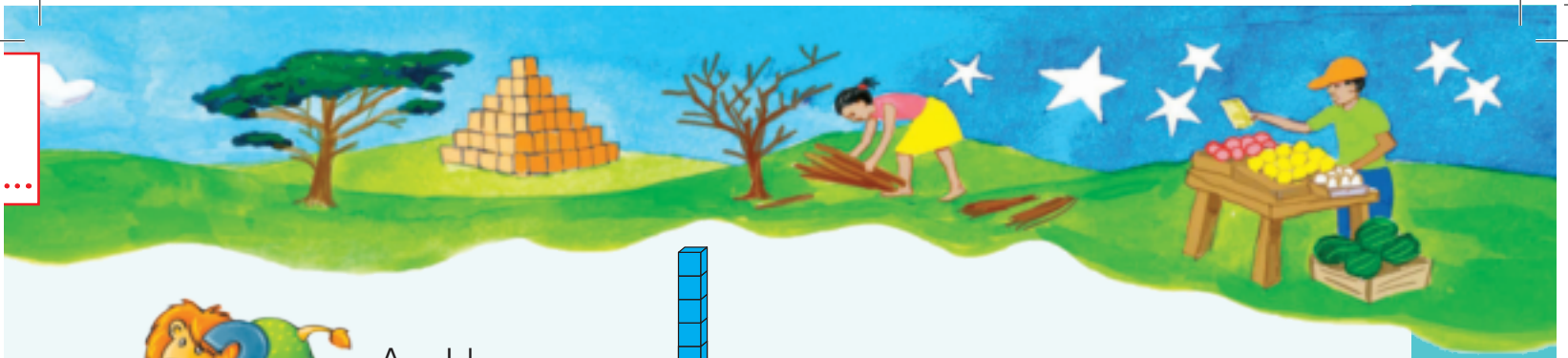


Go bea masome mmogo le go
a aroganya

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.		
		



A re lekeng.

Mohlala: $82 + 34$



le



$$100 + 20 + 6 = 126$$

a. $65 + 52$

b. $76 + 63$

c. $86 + 65$



Teacher: _____

Sign: _____

Date: _____



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	$11 \text{ masome} + 12 \text{ metšo}$ $= 110 + 12$	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 tshelago gomme ga go na metšo. Re nyaka go ntšha di-10 tše hlano le metšo ye mehlano. (Tšeo re di ntšhago re di khalaria ka mmala wo mopududu)

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



A re lekeng.

a. $70 - 28$

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

b. $90 - 46$

c. $80 - 53$



Go hwetša phere ya dinomoro.

a.

200	
30	

b.

200	
70	

c.

200	
	105

d.

200	
85	



Teacher: _____
Sign: _____
Date: _____



Go etela ngaka ya meno

Sehlopha sa bana se etela ngaka ya meno.



Na o hlapa meno a gago gaka ka letšatši?

Se ke seo bana ba mmošago sona.  = ga l

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

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

 Gatee ka letšatši	
 Gabedi ka letšatši	
 Gararo ka letšatši	

b. O kgona go bona eng mo tafoleng?

Bontši bja bana bo hlapa meno ga _____ ka letšatši.

Go na le bana ba _____ ka gare ga sehlopha.



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

 = gatee



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

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



11 12 13 14 15 16 17 18 19 20

Hlakanya o be o ntšhe



Ngwala dipalo tša gago

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

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

$$\begin{array}{|c|c|} \hline 5 & 0 \\ \hline \end{array} \begin{array}{|c|} \hline 6 \\ \hline \end{array} + \begin{array}{|c|c|} \hline 7 & 0 \\ \hline \end{array} \begin{array}{|c|} \hline 3 \\ \hline \end{array}$$

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

9

$$\begin{array}{|c|c|c|} \hline 1 & 0 & 0 \\ \hline \end{array} \begin{array}{|c|c|} \hline 2 & 0 \\ \hline \end{array} \begin{array}{|c|} \hline 9 \\ \hline \end{array}$$

O e ngwala ka tsela ye:

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

Phuki o tseba ka mo dipoloko di šomago:

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



Ackar o rata go feleletša.

Ye o e dira ka tsela ye:

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





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

a. $86 + 62$

Mokgwa wa Tumi

$$80 + 60 + 6 + 2$$



Mokgwa wa Phuki

$$80 + 6 + 60 + 2$$



b. $72 + 63$

c. $81 + 57$

d. $69 + 71$

Šomiša mokgwa wa Ackar o dire ye.



Teacher: _____
Sign: _____
Date: _____

37b

Letsatsikgwe:

Kotara ya 2



Hlakanya o be o ntšhe (tšwetšopele)

Bjale a re ntšhe.

a. $87 - 53$

Mokgwa wa Tumi

$$80 - 50 + 7 - 3$$

$$= 30 + 4$$

$$= 34$$



Mokgwa wa Phuki

$$80 + 7 - 50 + 3$$

$$= 30 + 4$$

$$= 34$$



b. $95 - 73$

c. $86 - 62$

d. $85 - 69$



E rarolle!

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

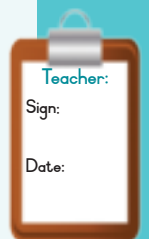
- a. Rati o fula diperekisi tše 34 gomme ka morago a fula tše 67.
Ke diperekisi tše kae ge di hlakana?



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



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



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.

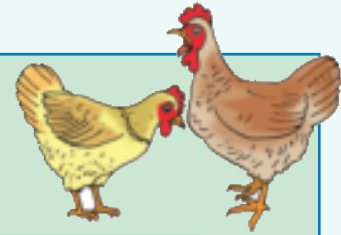
Na Tumišo o rekišitše dithekethe tše kae ka moka?



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.



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

Tsela ya Rati

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



Tsela ya Ackar

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



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

Šomiša mokgwa wa Rati

Šomiša mokgwa wa Ackar

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

Šomiša mokgwa wa Rati

Šomiša mokgwa wa Ackar



Teacher: _____
Sign: _____
Date: _____

Bala o be o balele

Kotara ya 2



Go hwetša karolo

Ngwala dinomoro tšeo di sego gona.

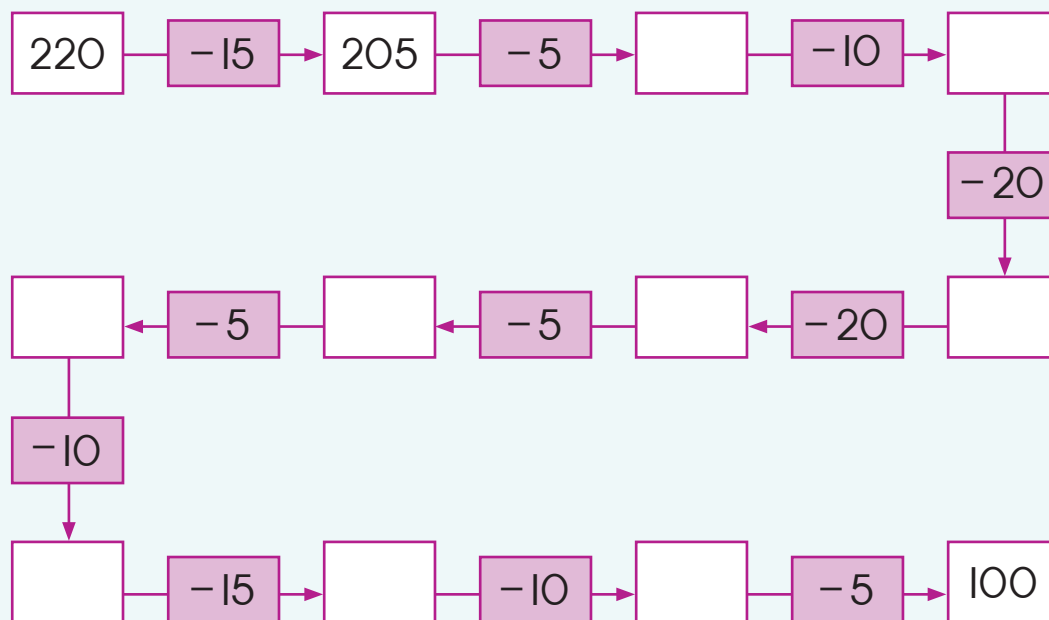
a.	100 [] 27	b.	100 39 []	c.	100 43 []	d.	100 56 []
e.	200 140 []	f.	200 [] 110	g.	200 135 []	h.	200 [] 120



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.

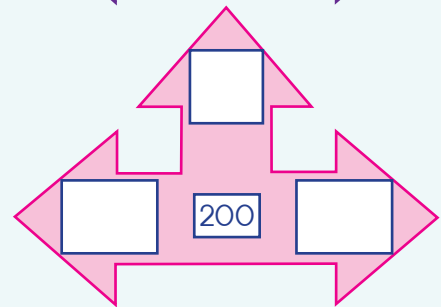
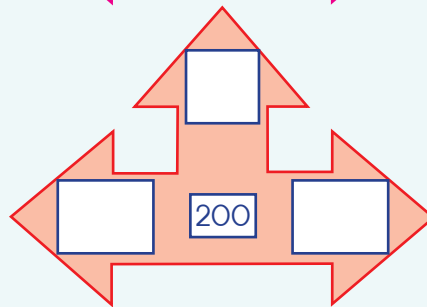
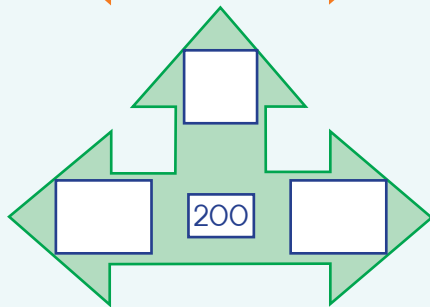
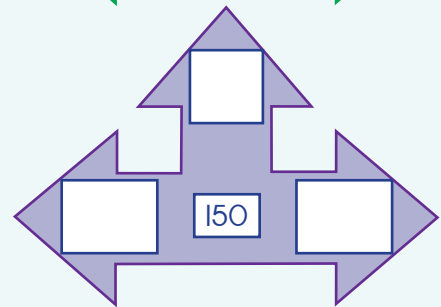
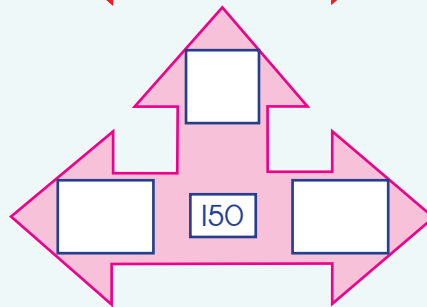
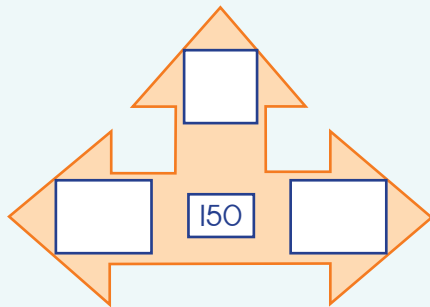
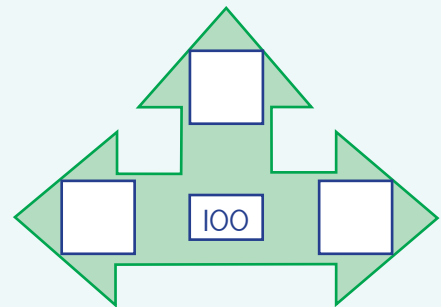
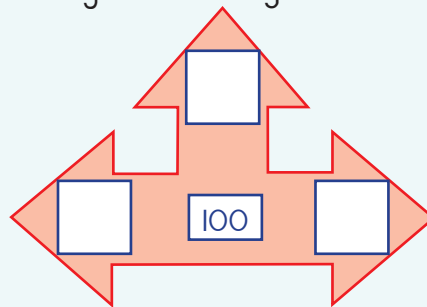
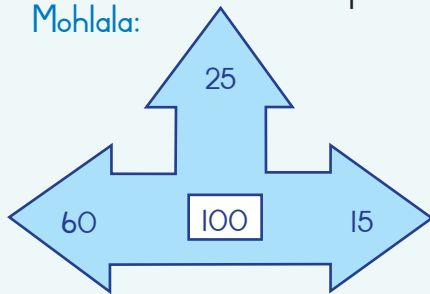


Malapa a ba bararo

Hwetša dinomoro tše 3 tšeo di dirago palo ya tebanyo.

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

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: _____

40

Letšatsikgwe:

Kotara ya 2

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.

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

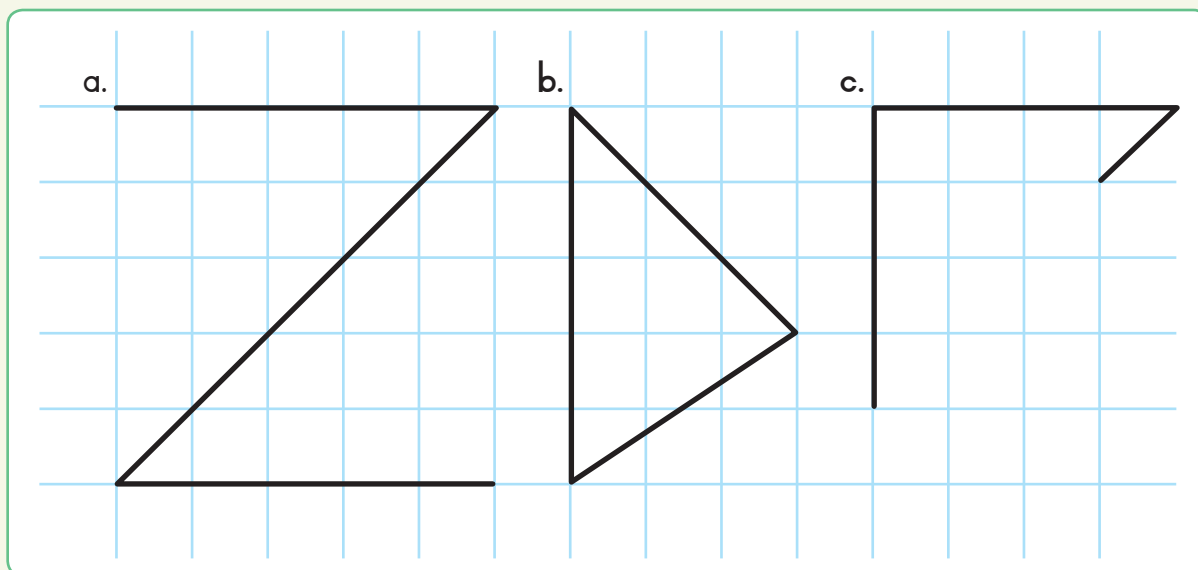
Dirula tše dingwe ga di laetše O bjalo ka yeo e lego letlakaleng le.

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

Na disentimetara tše IO di goka go rula ye? Ngwala IO 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	c. Akanyetša		cm
Meta		cm	Meta		cm	Meta		cm



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

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

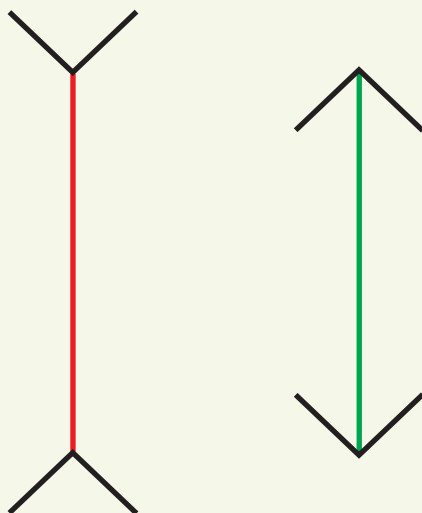
a. _____ cm	d. cm
b. _____ cm	e. _____ cm
c. _____ cm	f. _____ cm



Na o na le nnete?

Ke ofe wo motelele, mothladi 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 mothladi wo mohubedu o lebelege o le wo moteletšana gomme methaladi ye meso ye e lebilego ka gare e dira gore mothladi wo motalamorogo o lebelege o le wo mokopananyana.



Teacher: _____
Sign: _____
Date: _____

41

Selebanywa 300



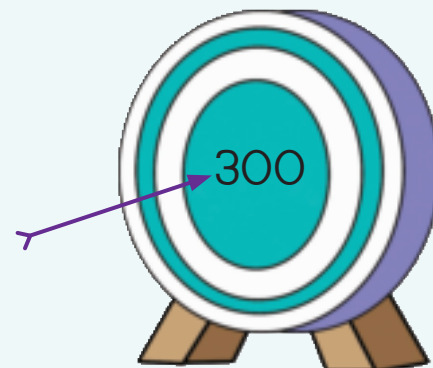
Go bala le go ngwala ka di-200

Bala go tloga go 201 go fihla go 300.

Šupa o le gare o sepela.

Bjale ngwala dinomoro tše talalerata pele.

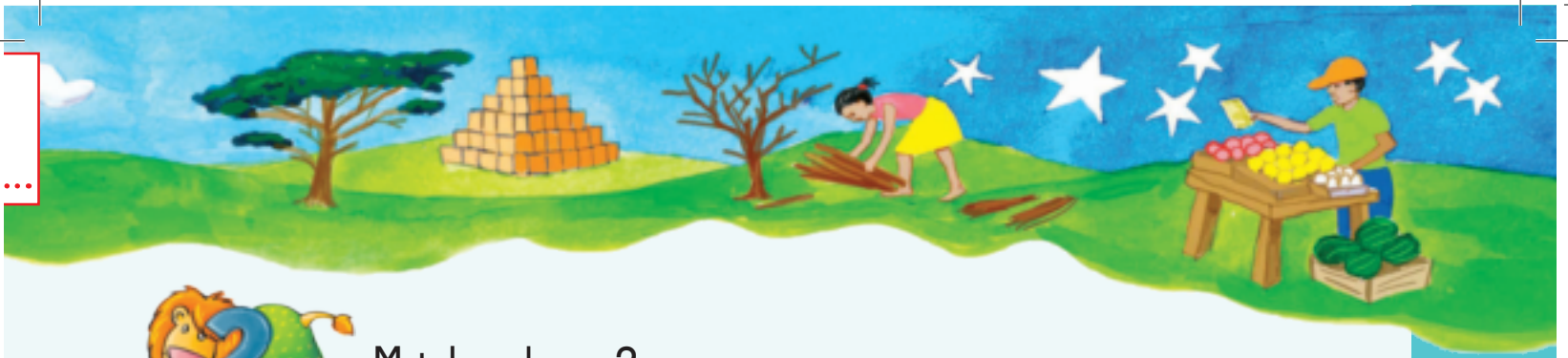
Ngwala dinomoro ka moka.



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

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

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



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

Fetša

300		286		278		261



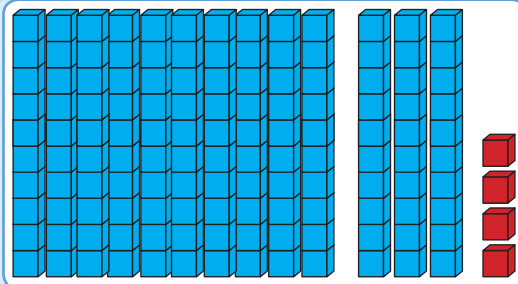
Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

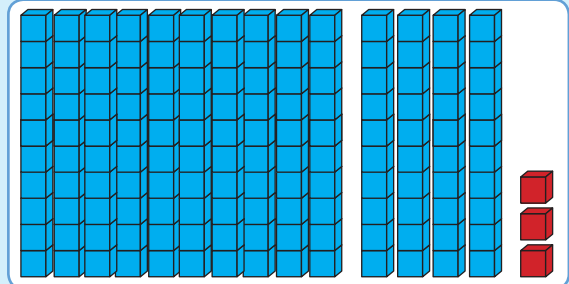
Go hlakanya le go arola ka di-100



Go šomiša dipoloko go hlakanya



+



$$\begin{array}{r}
 100 \quad 30 \quad 4 \\
 + \quad 100 \quad 40 \quad 3 \\
 \hline
 = 200 \quad 70 \quad 7 \\
 = 277
 \end{array}$$



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

a. $132 + 123$

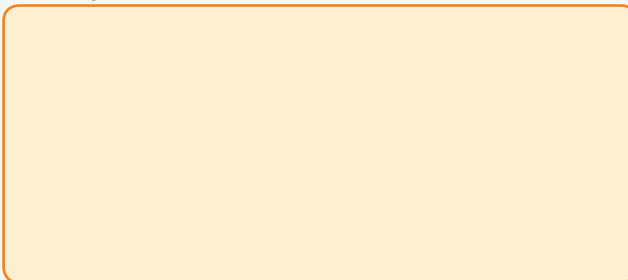
Mokgwa wa Tumi

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



Mokgwa wa Phuki

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

b. $114 + 162$ 



c. $276 + 148$



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

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

a. $158 - 146$

Mokgwa wa Tumi

$$= 100 - 100 + 50 - 40 + 8 - 6$$

$$= 0 + 10 + 2$$

$$= 12$$



Mokgwa wa Phuki

$$158 - 146$$

$$= 0 + 10 + 2$$

$$= 12$$



b. $194 - 122$

c. $288 - 199$



Teacher:
Sign:
Date:

Selebanywa ke 400

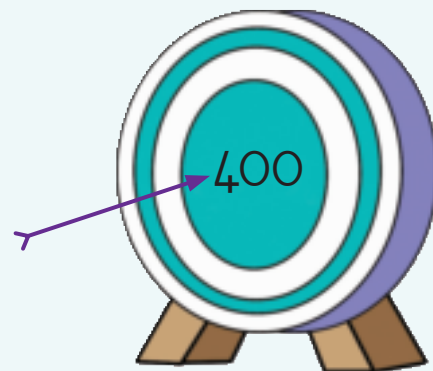


Go bala le go ngwala di-400

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

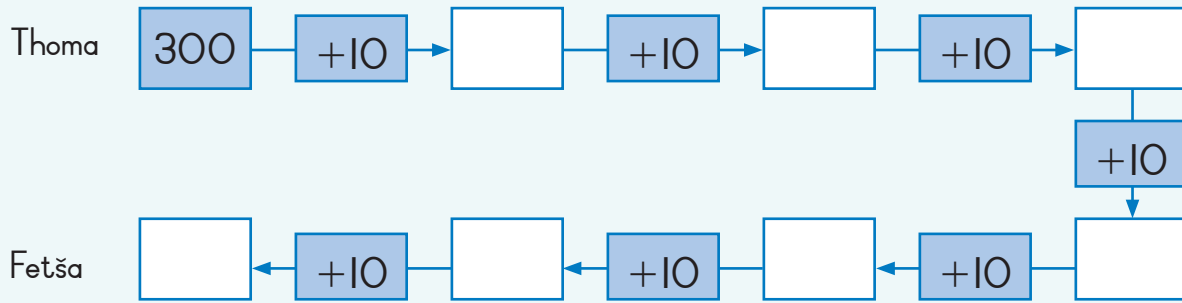
Ngwala dinomoro tše 9 tše di tlogo ka morago ga 400.

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

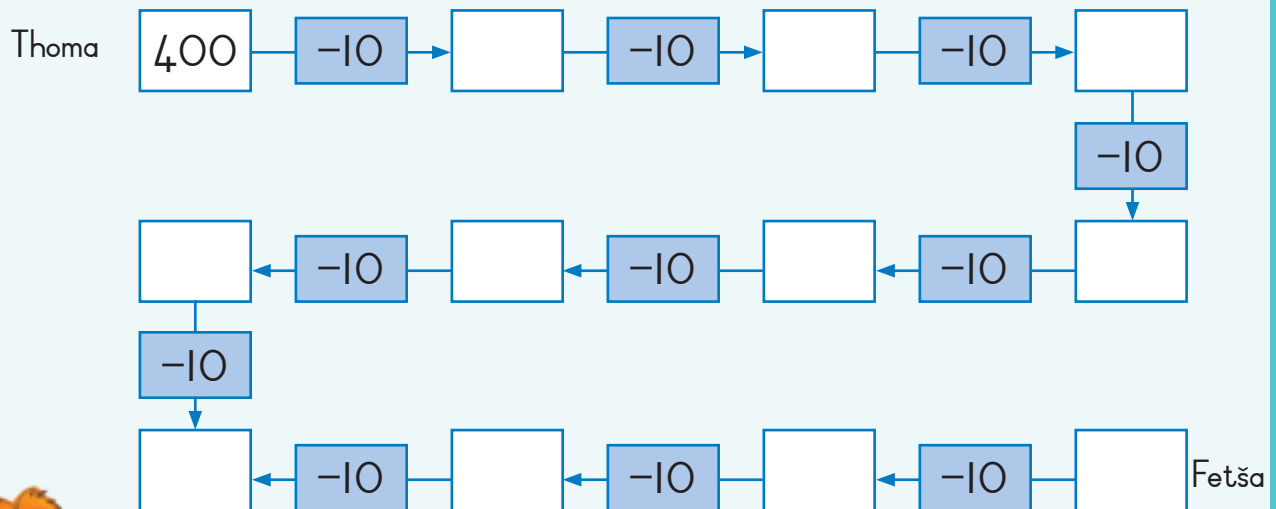


Phetogo ke eng?

a. Go balela pele go tloga go 300



b. Bala go tloga go 400



Ngwala bjalo ka nomoro e tee.

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

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

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

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

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

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

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

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

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



Teacher: _____
Sign: _____
Date: _____

44

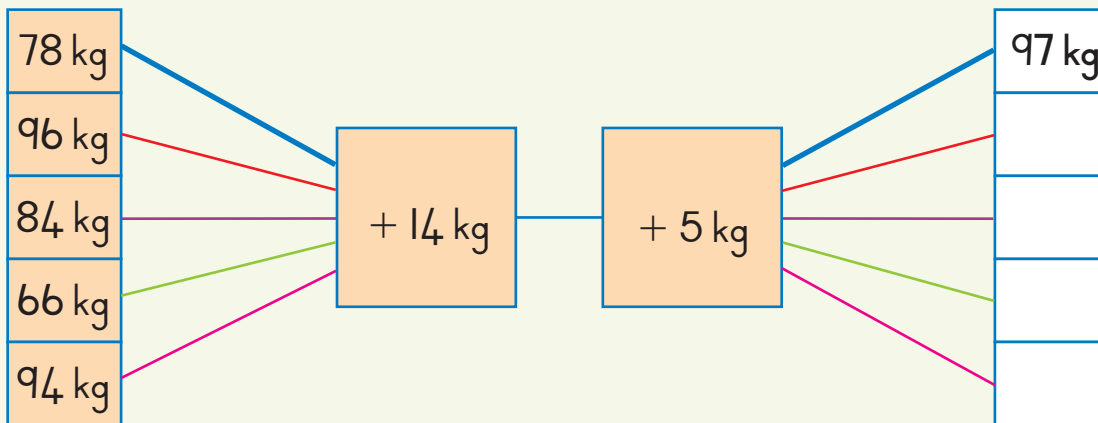
Letšatšikgwedi:

Kotara ya 2

Go kala



Oketša ka dikilogramo tše dingwe
Hlakanya o be o ngwale dikarabo.



Go feleletša gomme o hlakanye!

Nagana ka bohlale!

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

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

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

Akanya palomoka ya boima bja diphoofolo tše 5.



Kopanya boima bja tšona



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



Dikgato

- Šomiša dipalomoka 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: _____

45

Letšatšikgwedi:

Kotara ya 2

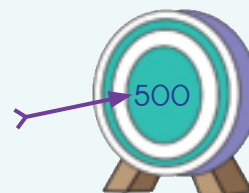


Selebanywa ke 500

Bala o be o ngwale

400

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



- Bala go tloga ka 400. Bala dinomoro o le gare o tšwela pele.
- Ngwala dinomoro tšeo di sego gona kriting.
- Ngwala dinomoro tše 9 tšeo di latelago ka morago ga 500.

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

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

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

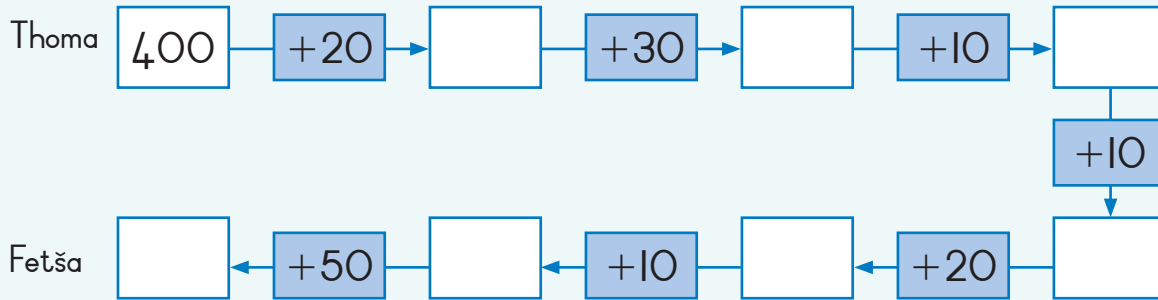
- Bala ka di-5. Ngwala dinomoro tše latelago tše 8 ka **patrone ya di-5**.

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

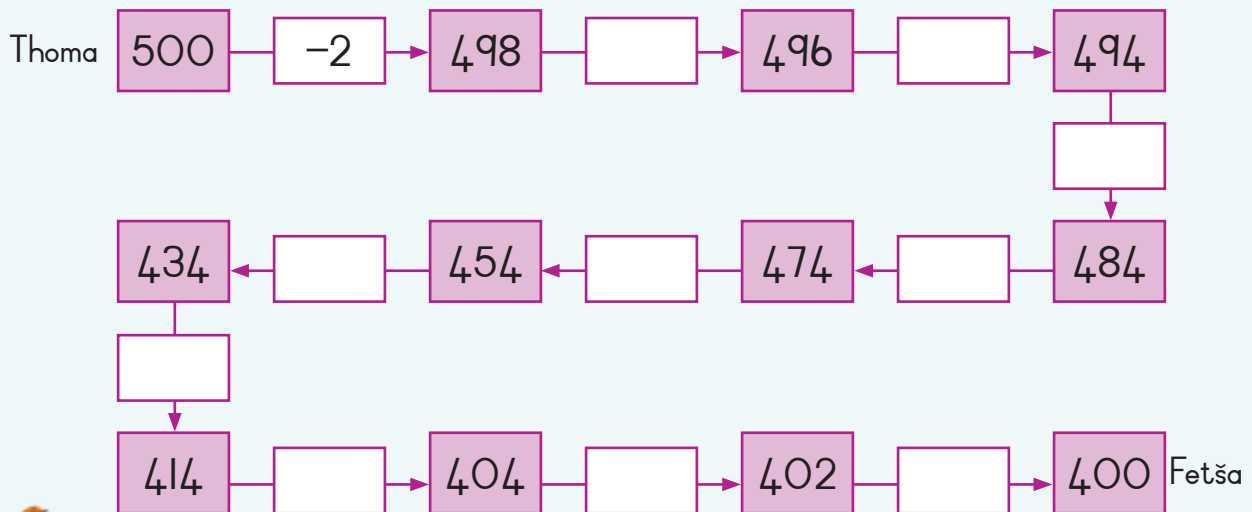


Ngwala dinomoro tše di tlogetswego.

a. Balela morago go tloga go 400.



b. Balela morago go tloga go 500.



Go laetša dinomoro. Latela mohlala.

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

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

$398 + 10$		
$424 + 10$		
$460 + 20$		



Go hlakanya le go ntšha gape

Na o lemoga eng?

$\begin{array}{r} 200 \\ 200 \\ 50 \\ 30 \\ 4 \\ 5 \end{array}$	$\begin{array}{r} 400 \\ 80 \\ 9 \end{array}$	489
---	---	-------



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

a. $245 + 231$

Mokgwa wa Tumi

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



Mokgwa wa Phuki

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



b. $278 + 136$

c. $265 + 148$



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

a. $476 - 324$

Mokgwa wa Tumi

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



Mokgwa wa Phuki

$$\begin{aligned} &476 - 324 \\ &= 100 + 50 + 2 \\ &= 152 \end{aligned}$$

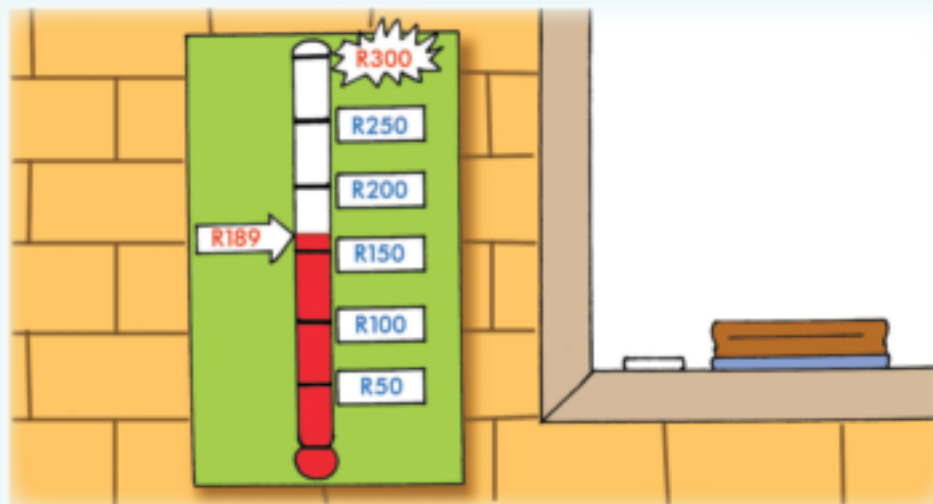


b. $489 - 456$

c. $482 - 161$



Go fihlelela selebanywa



Ithute seswantšho.

Go sa nyakega bokae gore re fihlelele selebanywa? R



Teacher: _____

Sign: _____

Date: _____



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

Leina la thaba ke:



Lebelele! Nagana, gomme o arabe!



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 ☾.

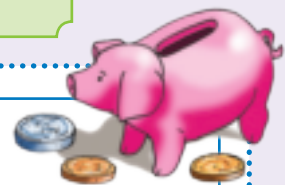
Nnete goba Maaka?



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?

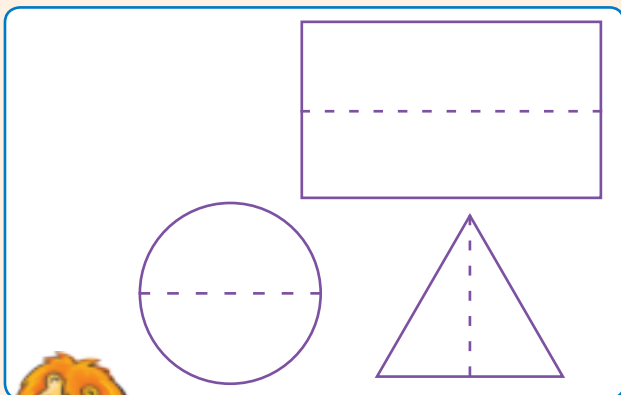


Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

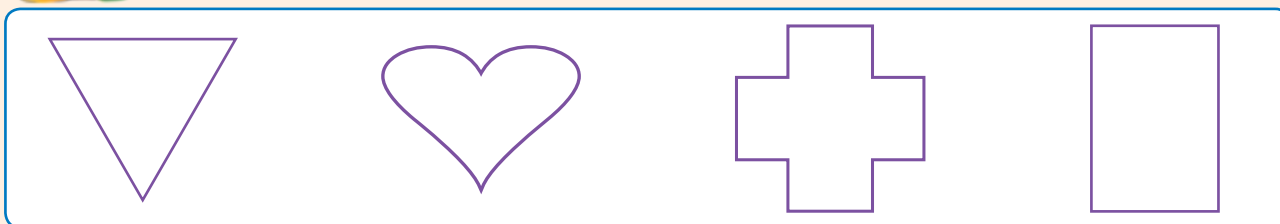
Go lekana

O lemoga eng ka diboego tše?

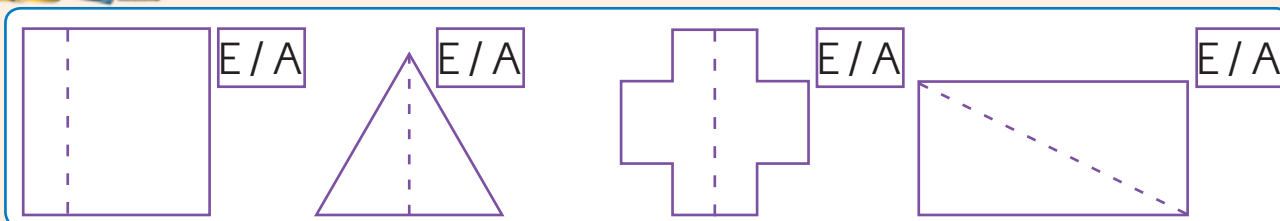


Mothalo wa go lekana o arola sebopego ka diripagare tše pedi gore seripagare se sengwe le se sengwe e be seipone sa se sengwe.

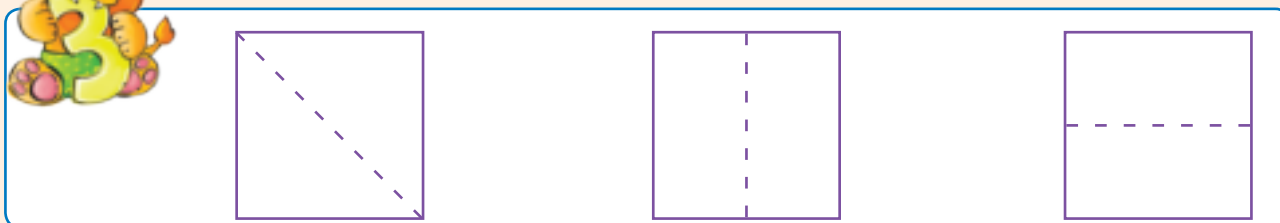
Sebopego se na le tekanyetšo ge o ka se mena go latela mothalo tekanyetšo gore diripagare tše pedi di swane tlwa!

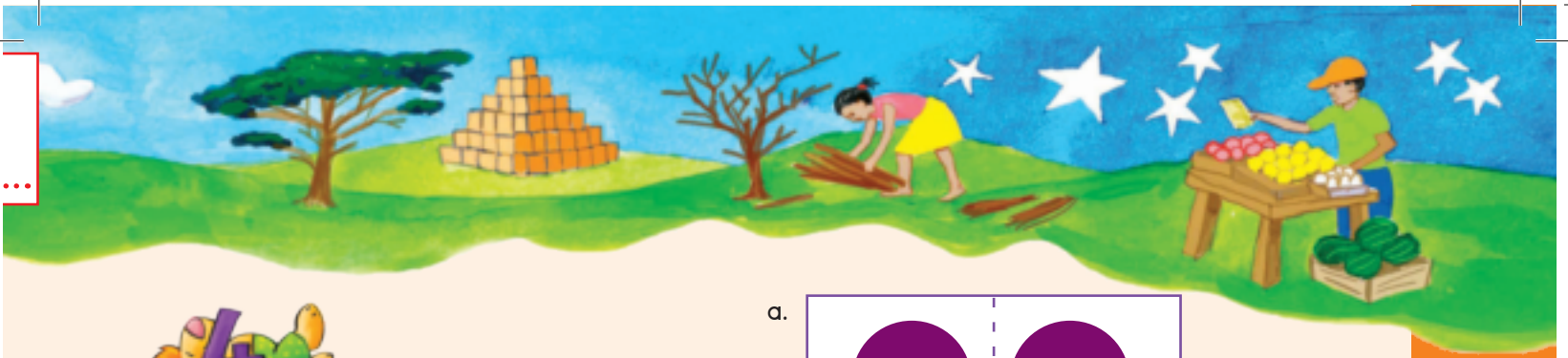


Na mothalo khutlo ke mothalo wa go lekantšha goba aowa?
Dira sediko go (E) Ee goba (A) Aowa.



Na mothalo wo ke wa go lekantšha? Efa lebaka.

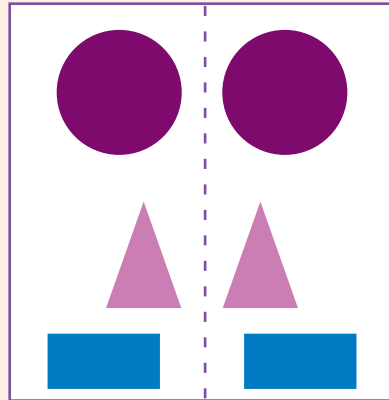




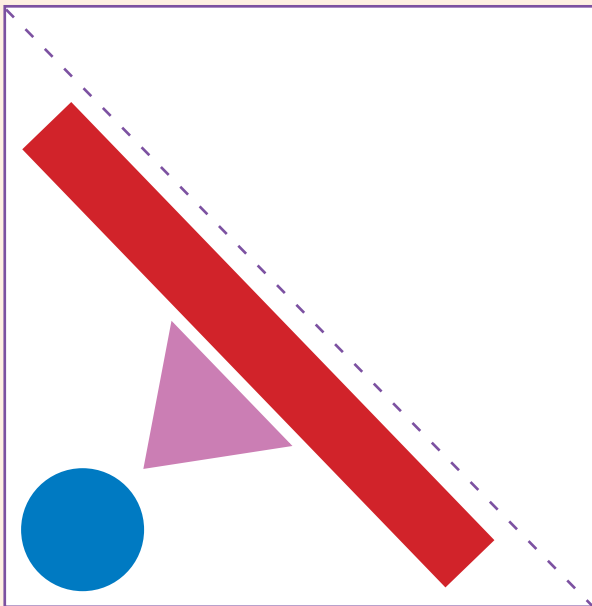
Thala diboego, gomme o dire gore seswantšho se swane goba se lekalekane.

Re go diretše sa mathomo.

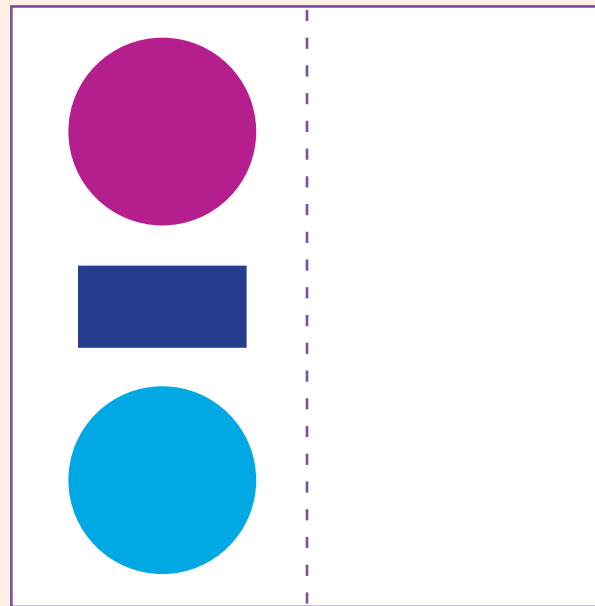
a.



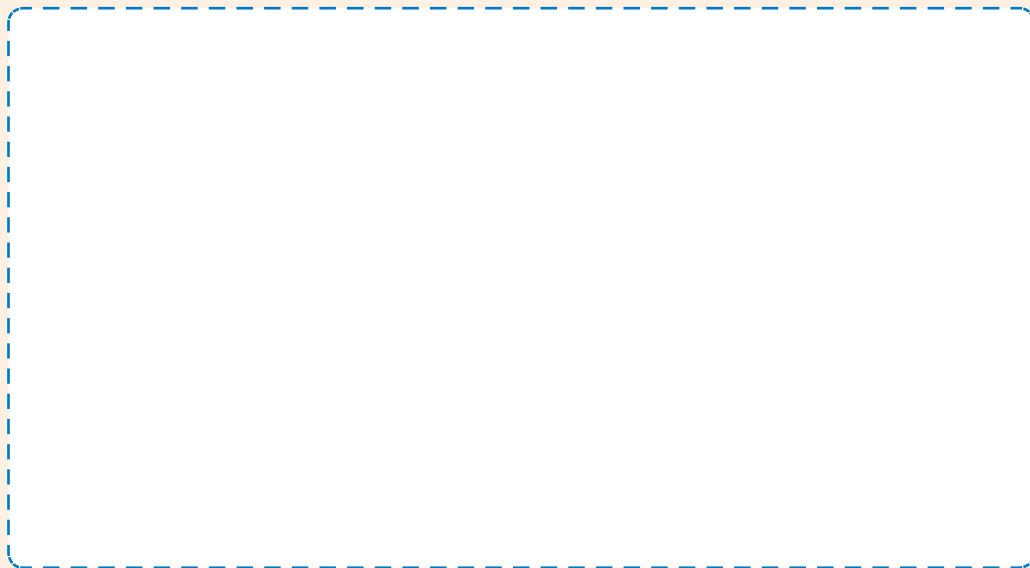
b.



c.



Itirele khapete ya go ba le diboego tša go swana.



11 12 13 14 15 16 17 18 19 20

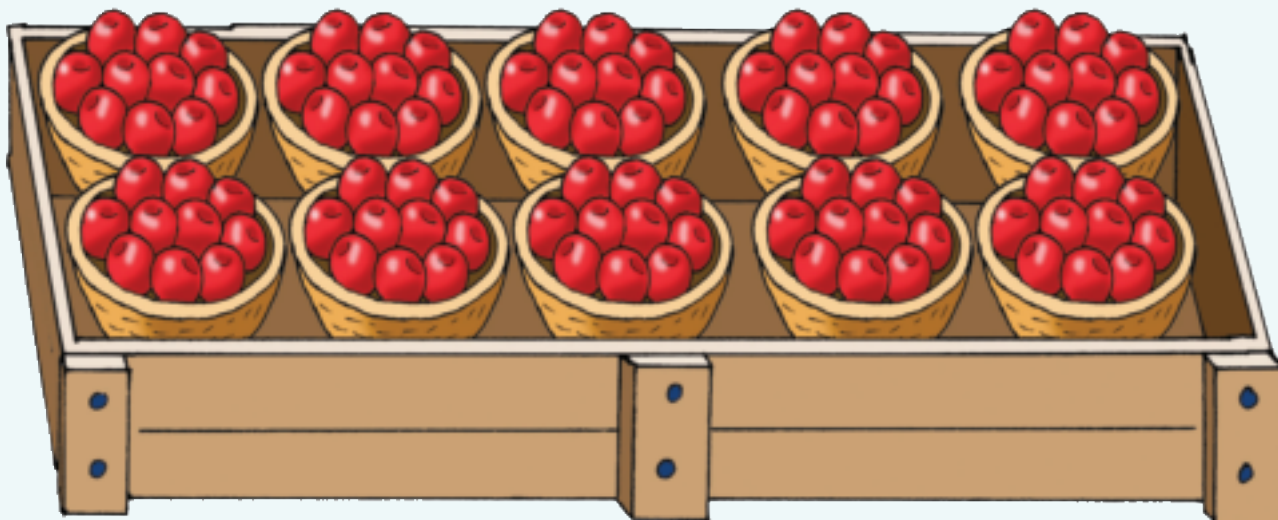
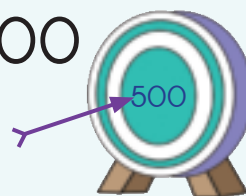
49

Kotara ya 2



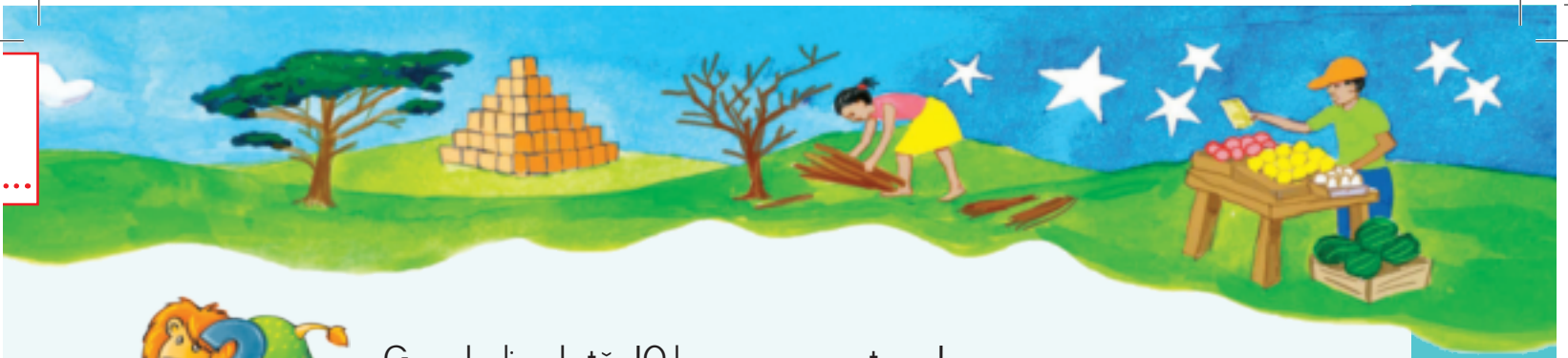
Bala diapola

Go aga go fihla go 500



Feleletša o be o atiše

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

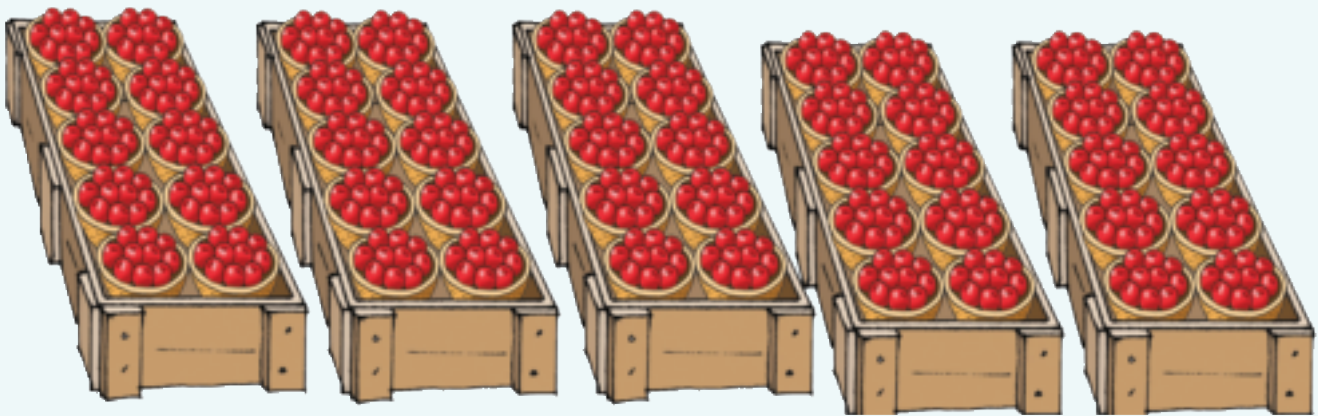


Go na le diapola tše 10 ka gare ga seroto se l.

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? _____



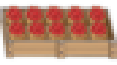
Go humana, go bontšha le go ngwala

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

300

40

5

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



11 12 13 14 15 16 17 18 19 20

50

Letšatšikgwedi:

Kotara ya 2

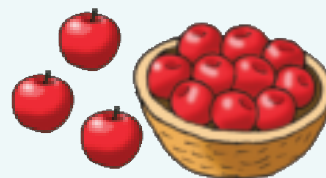
Go atiša le go arola (10)



Go bala diapola

Ngwala mo dikgobeng tše di tlogetšwego.

Ke dirotwana tše kae tšeo di nago le diapola?



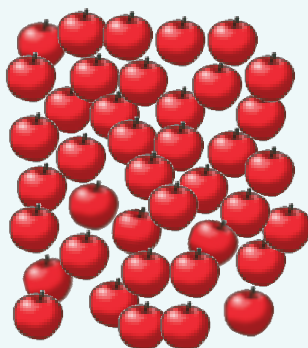
Diapola 	10	20	30	40	50
Dirotwana 	1	2			
÷ palo					$50 \div 10 = 5$
× palo					$5 \times 10 = 50$



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.

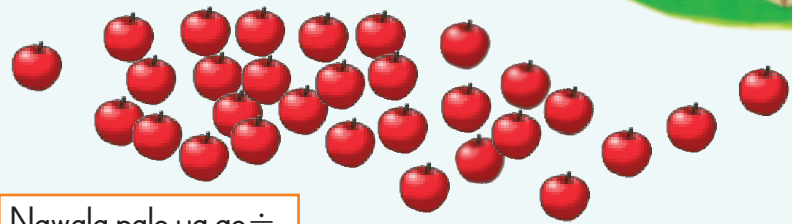
$$\square \div \square = \square$$

$$\square \times \square = \square$$





b.



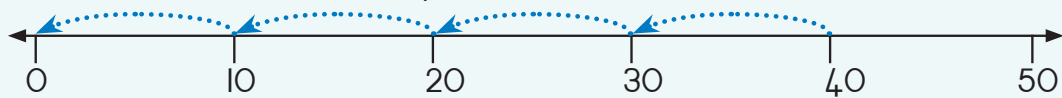
Ngwala palo ya go ÷



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



Šomiša dinomoro o itirele mafokopalo.



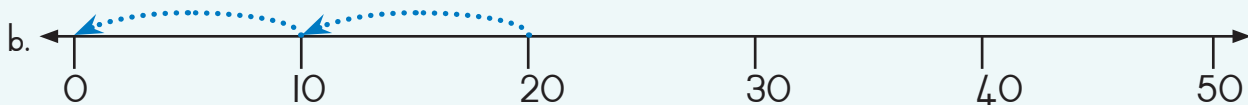
Mohlala:

÷ $40 \div 10 = 4$

× $4 \times 10 = 40$



÷ ×



÷ ×



÷ ×



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

, 460, , 390, , 500,

Teacher: _____
Sign: _____
Date: _____



Go bala ka di-2

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

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



Diphere tša diklelafo



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

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



Na ke diklelafo tše kae?

Ngwala ka gare ga mapokisana.

a.

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

b.

Ditlalafo 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 tlogo gare?

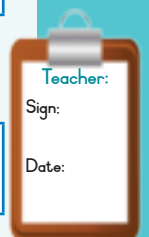
264, _____, 268	391, _____, 395	414, _____, 410
-----------------	-----------------	-----------------

b. Ngwala dinomoro tše pedi tše di latelago.

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

c. Ngwala dinomoro tše pedi tše di latelago.

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





Go beakanya serapana

Mohumagadi Letsoalo o na le dithaele tše botse.

O di šomiša go dira tselanamaoto ka serapaneng sa gagwe.

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

Na ke tla di bea
bjang?



Nka dira mothlaladi ka
dithaele tše 6.



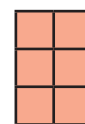
$$6 \times 1 = 6$$

Nka dira methaladi ye
mebedi ka dithaele tše
tharo.



$$3 \times 2 = 6$$

Nka dira methaladi ye meraro
ka dithaele tše 2 wo mongwe le
wo mongwe.



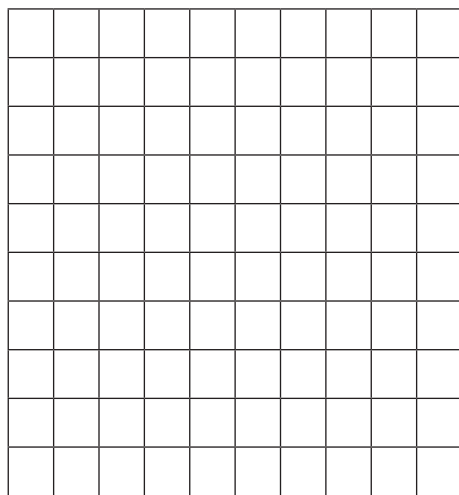
$$2 \times 3 = 6$$

Bjale ke sebaka sa gago!

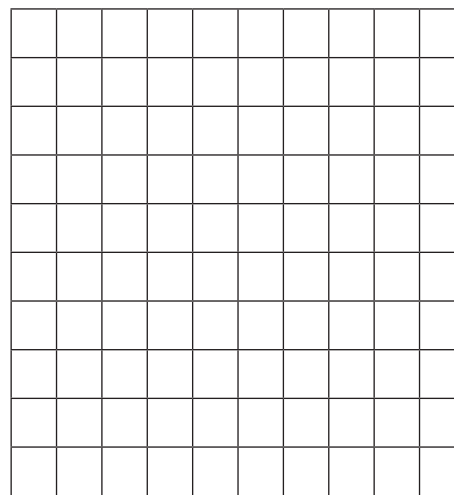
Thala mapokisana go laetša ka fao o ka beakanyago dithaele tša dikwere tše 8 le 9.

Ngwala mafokopalo a sethalwa se sengwe le se sengwe.

8 dikwere



9 dikwere

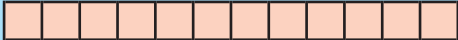




Beakanya dithaele tše 12

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!

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

Teacher:
Sign:
Date:

Go šomiša dihlano



Tseba go bala ka di-5

Ngwala dikarabo.

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



Bala dikereese



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



Laetša karabo

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

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



Go balela pele le morago ka di-5

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



Go kgoboketša dikhoine tša di-R5



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

R5 ÷ R5 = khoine ye 1	R10 ÷ R5 = dikhoine tše 2	R15? _____	R20? _____	R25? _____
R30? _____	R35? _____	R40? _____	R45? _____	R50? _____

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

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

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

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

A o bona dipatrone?



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									



Teacher: _____
 Sign: _____
 Date: _____

11 12 13 14 15 16 17 18 19 20

Gro šoma ka nako



Gro thala dinko

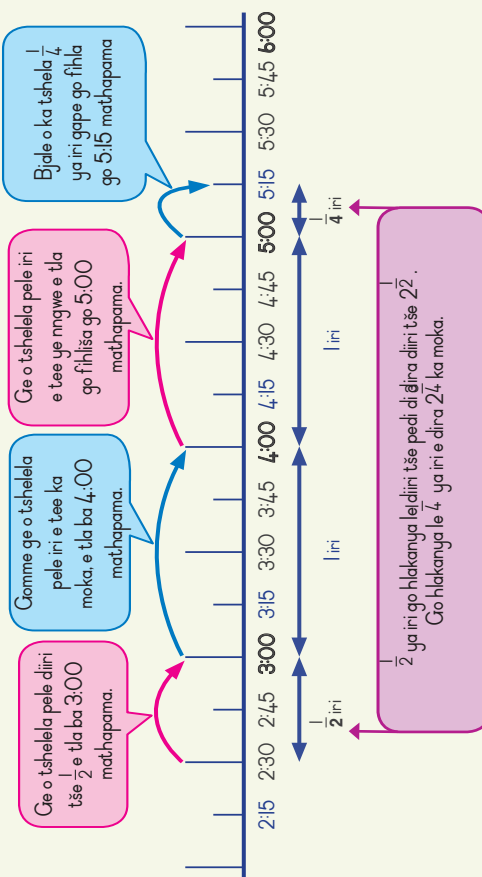
Seripagare go ya go iri ya 5	Kotara go ya go iri ya lesometee	Kotara go tšwa go 12	Kotara go 12:45	6:15	4:30							

Lefokopalo la nako



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

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



Lefokopalo la nako



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

Lekola. Bapetša. Phošolla.

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?





Teacher: _____
Sign: _____
Date: _____

Laetšakgwedi

Bala ka di-3 le ka di-4



Dipitša tša maotwana a 3

Hlakanya gomme o ngwale dikarabo



- Go na le dipitša tše kae mo mothalong? _____
- Go na le maotwana a makae mo mothalong? _____
- Go na le methalo ye mekae ya dipitša? _____
- Ke maotwana a makae ka moka? Laetša gore o hweditše karabo bjang.

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

$$21 \times 7 = \square \quad 3 \times 7 \times 3 = \square \quad 3 \times 4 \times 2 = \square \quad 21 \times 3 = \square$$

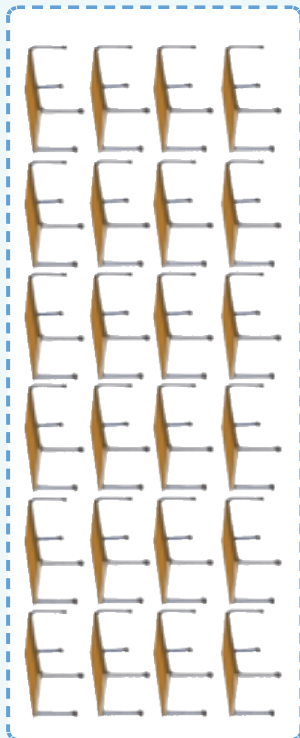


Maotwana a makae?

Gopola ka lebelo.
Gopola ka bohlahe.

1 pitša	3 maotwana	10 dipitša	5 maotwana
2 dipitša	maotwana	15 dipitša	12 maotwana
5 dipitša	maotwana	13 dipitša	14 maotwana

Maoto a tafola



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



Fabiking



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 kritšhi ka go ngwala dikarabo

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

Teacher: _____
Sign: _____
Date: _____

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 bakae?



Oketšo



o reka

tše 2.

O lelefa

 R

Mdi Makwela



o reka tše 5

O lelefa

 R

Lebenkele la Thatile



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?



Teacher:

Sign:

Date:

Dipalophatlo: diripagare le dikotara

A-rola 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 o di bala?	Na o hwetša didiko tše kae ge o di bala?
Na $\frac{1}{2}$ ya didiko ke bokae?	Na $\frac{1}{2}$ ya didiko ke bokae?
Na $\frac{2}{4}$ ya didiko ke bokae?	Na $\frac{2}{4}$ ya didiko ke bokae?
Na $\frac{3}{4}$ ya didiko ke bokae?	Na $\frac{3}{4}$ ya didiko ke bokae?
Na $\frac{4}{4}$ ya didiko ke bokae?	Na $\frac{4}{4}$ ya didiko ke bokae?



Khalaria seripagare ($\frac{1}{2}$) sa sebopego se sengwe le se sengwe.			
Khalaria $\frac{1}{4}$ ya sebopego se sengwe le se sengwe.			
Khalaria $\frac{2}{4}$ ya sebopego se sengwe le se sengwe.			
Khalaria $\frac{3}{4}$ ya sebopego se sengwe le se sengwe.			

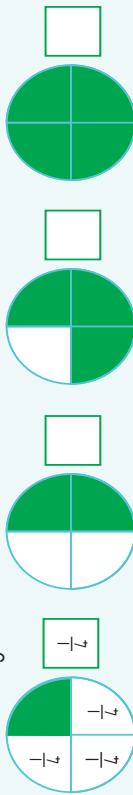
Lebelela meseo ya dipalophatlo.



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

- 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?

- Lebelela diswantšho gomme o ngwale palophatlo boemang bja karolo yeo e khalarilwego.



- Palophatlo ye kgolo ke efe: $\frac{1}{2}$ goba $\frac{1}{4}$



Teacher:

Sign:

Date:

Dipalophatlo: diripagare, diteetharong le diteetsheleng

Arola ditshitswana (disilintere) ka mapokising.

Palomoka ya dibolo: 12		
• Go na le dibolo tše kae ka lepokising le lephopholo?		
• Ke palophatlo efe ka lepokising le lephopholo?		

Lebelela diswantšho gomme o arabe dipotšišo.

Na o hwetša didiko tše kae ge o di bala?	Na $\frac{1}{3}$ ya didiko ke bokae?	Na $\frac{1}{6}$ ya didiko ke bokae?
Na seripagare ($\frac{1}{2}$) sa didiko ke bokae?	Na $\frac{2}{3}$ ya didiko ke bokae?	Na $\frac{2}{6}$ ya didiko ke bokae?
	Na $\frac{3}{3}$ ya didiko ke bokae?	Na $\frac{4}{6}$ ya didiko ke bokae?
		Na $\frac{5}{6}$ ya didiko ke bokae?

Letšatšikgwele:



0 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

- 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 l					
$\frac{1}{2}$		$\frac{1}{3}$		$\frac{1}{6}$	
$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$

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

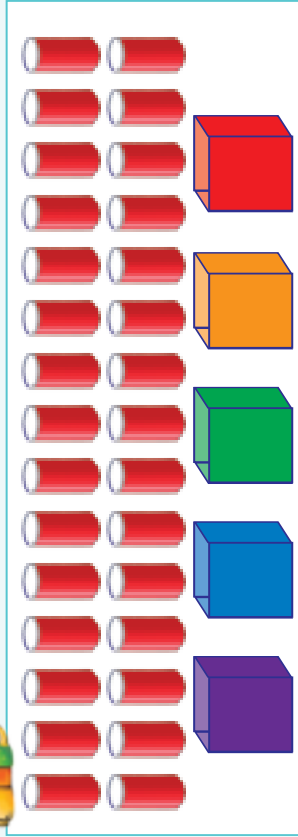


Teacher: _____
Sign: _____
Date: _____

Letšatšikgwele:

Dipalophatlo: diteehlanong

Arola ditshitswana gare ga mapokisi.



- Teehlanong ya mapokisi go na le ditshitswana tše .
- Pedihlanong ya mapokisi go na le ditshitswana tše .
- Tharohlanong ya mapokisi go na le ditshitswana tše .
- Nnehanong ya mapokisi go na le ditshitswana tše .
- Ka go hlanothlanong 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 meseo gomme o arabe dipotšišo.

Palotlabe l					
$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{4}$	$\frac{1}{4}$
$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{7}$	$\frac{1}{7}$
$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{10}$	$\frac{1}{10}$
$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{13}$	$\frac{1}{13}$
$\frac{1}{14}$	$\frac{1}{14}$	$\frac{1}{15}$	$\frac{1}{15}$	$\frac{1}{16}$	$\frac{1}{16}$

Dira sediko go kgolwane goba go nnyanennyane

- Seripagare ($\frac{1}{2}$) ke se segolo go (feta) /se sennyanane go feta $\frac{1}{4}$.
- $\frac{1}{3}$ ke ye kgolo go feta /ye nnyane go feta $\frac{1}{2}$.
- $\frac{1}{5}$ ke ye kgolo go feta /ye nnyane go feta $\frac{1}{6}$.
- $\frac{1}{6}$ ke ye kgolo go feta /ye nnyane go feta $\frac{1}{3}$.
- $\frac{3}{6}$ ke ye kgolo go feta /ye nnyane go feta $\frac{2}{6}$.



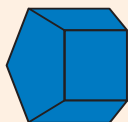
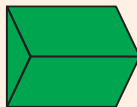
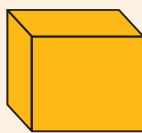
Teacher: _____
Sign: _____
Date: _____

Dilo tša mahlakoretharo (3-D)

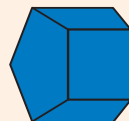
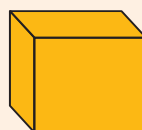
Bala mapokisi (diprisimo). Bala dibolo (dikgokolo). Bala disilintere. 

A ke ona mapokisi ka maka.

Šomiša matlakala a disegwa 3 le 4 go di dira.



Bopapetla bjo bongwe le bjo bongwe bo bitšwa bokagadimo. Mamarētšha sefahlego sa go mjemela bokagadimang bja lepokisi le lengwe le le lengwe.

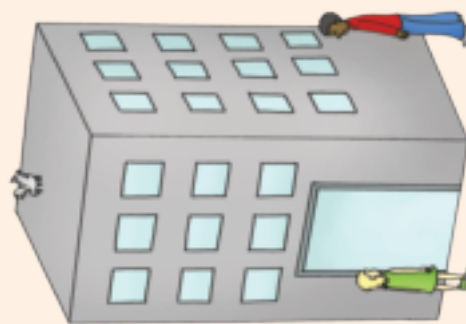
kuba prismo prismo Na mahlakore a prisimo ke a bophara goba a modikelela? Bjale, dira silintere go tšwa go letlakalasegwa la 4.. Na mahlakore a silintere ke a bophara goba a modikelela? 

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 mo tlase o feleletše mafoko



Mosešana o lebelela _____ ya moago.

Manna o lebelela _____ ya moago.

Nonyana e lebelela _____ ya moago.

mathoko

pele

ka godimo

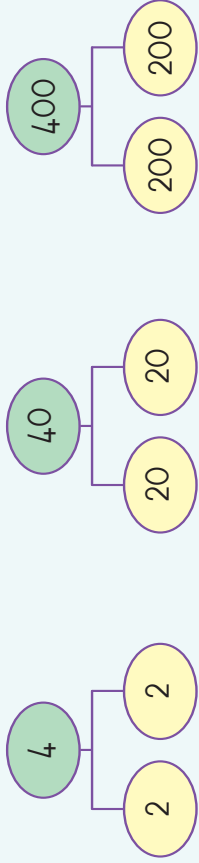


Laetšatšikgwebi

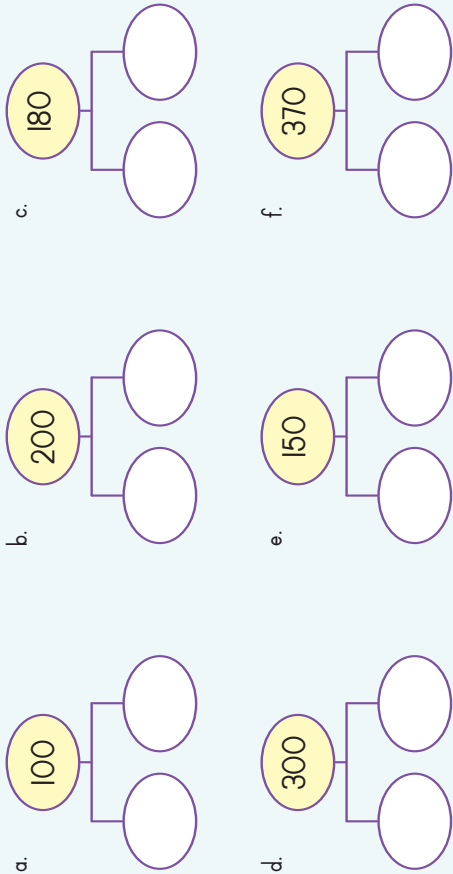
Pedifatswa le seripagare

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

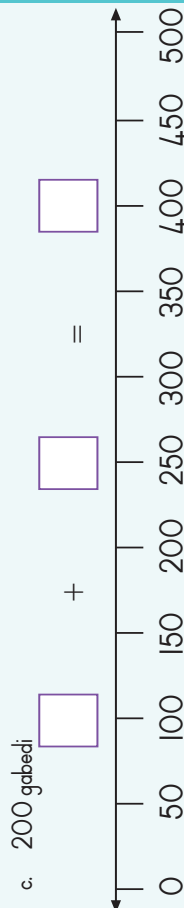
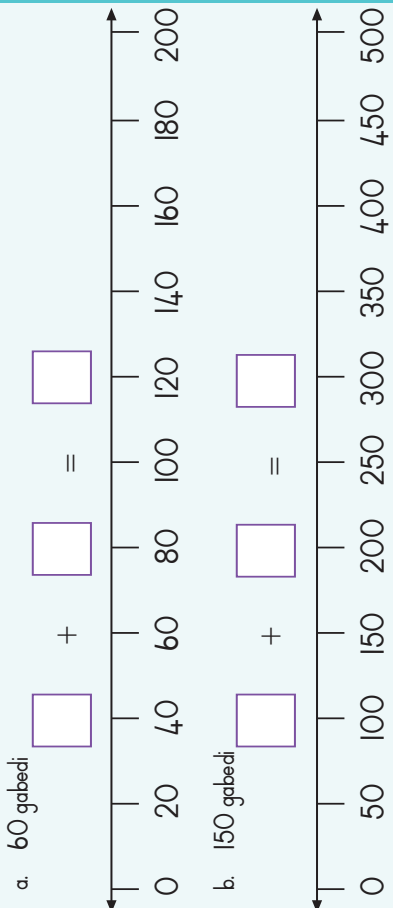
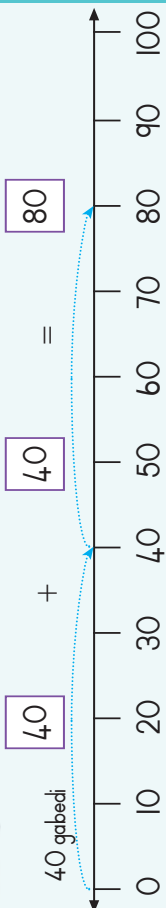
Re ka laetša se mo go sethalwa ...



Go hwetša diripagare



Pedifatsa nomoro ka go šomiša mothlopalalo.
O filwe mohlala wa mathomo.



Feleletša tše di latelago

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

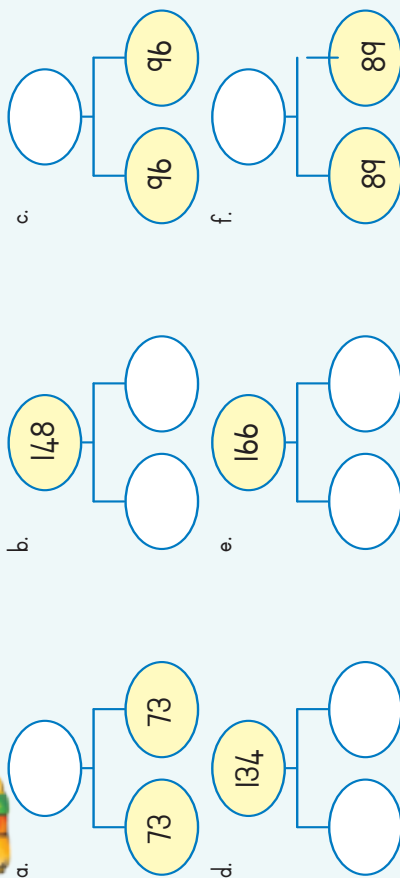
Feleletša tše di latelago

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

Teacher: _____
Sign: _____
Date: _____

Go pedifatsa le go ripa gare gape

Hwetša dipedifatswa le diripagare



Boloka tšhelete ya go reka paesekela

Reabetšwe o boloka R25 ka beke go reka paesekela.
Na o swanetše go boloka dibeke tše kae?

Karabo: dibeke

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 _____

Thekofase R450

Seripagare sa theko e be e le R900

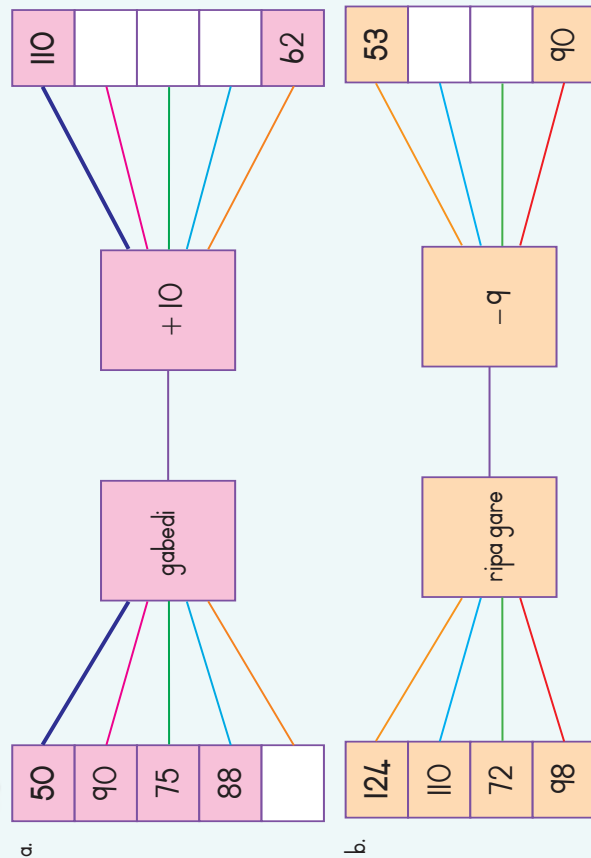


Na ke diranta tše kae?

R135	Tšhego o nyaka gemphe. O swere fela seripagare sa tšhelete. Na o sa nyaka bokae? R _____
R78.50	Dietla tša Rati di nyaka tšhelete ya go feta ye gabedi. Na dietla tša Rati di rekišwa ka bokae? R _____
R97	Roko ya Boati e pedifatsa theko ye. Na roko ya Boati ke bokae? R _____

Na go tšena eng? Go tšwa eng?

Latela mohlala. Ngwala dinomoro tšeo di tlogetšwego.



Hlopha o kopanye

Go hlopha bana

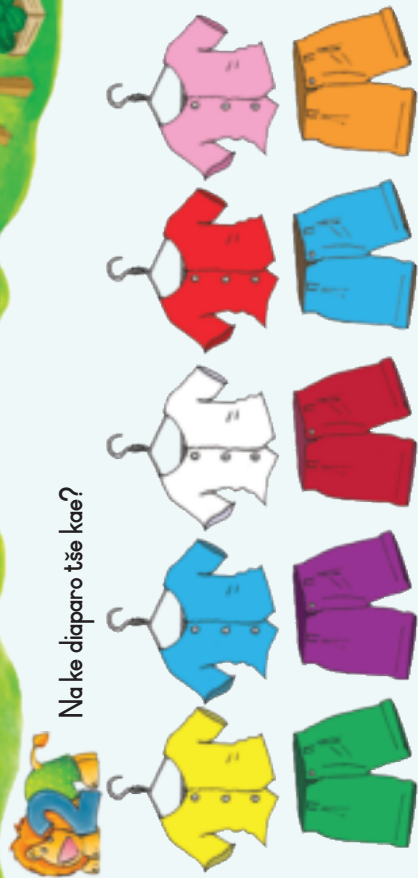
Mdi. Mokgabudi o nyaka go arala phapoši ka dihlopha tša palo ya go lekana tša go raloka dipapadi tša kua ntle. O thomile ka go bea dihlopha ka dipane tše 4.



- Na ke bana ba bakae ka gare ga sehlopa se tee?
- Na o dira dihlopha tše kae?
- Laetša ditsela tše dingwe tšeo di ka hlophiwago ka gona tša ba dihlopa 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?

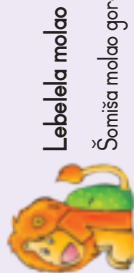
Lekola. Bapetša.
Phošolla.

Teacher:

Sign:

Date:

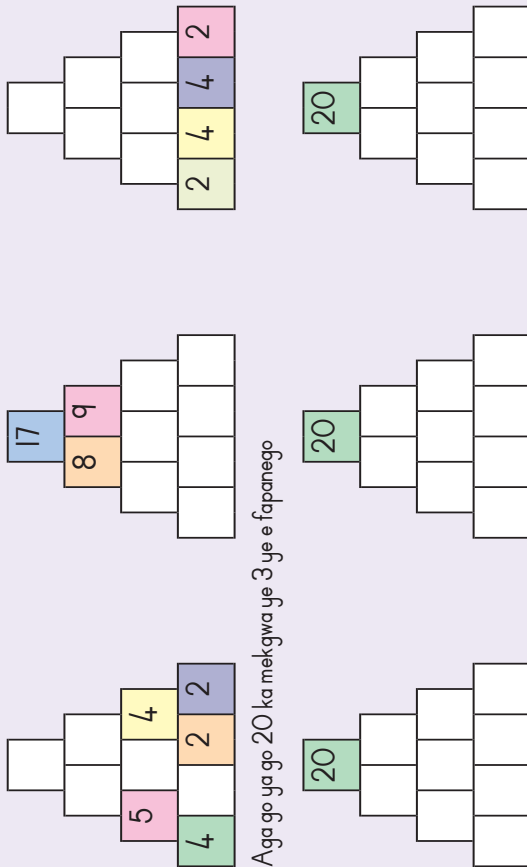
Lethabo la Mmetse



Lebelele 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

Ake o no bonal

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.

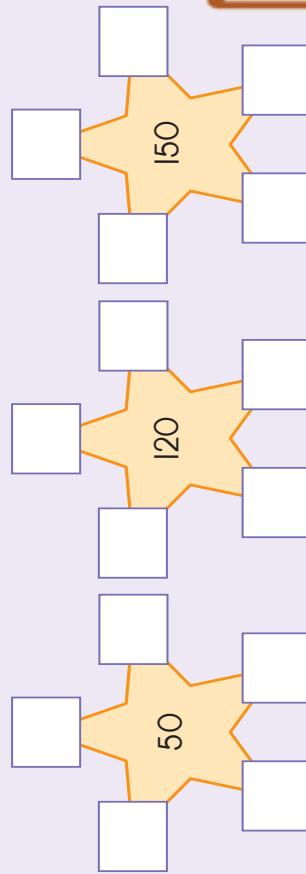
2	5	3	6
			2
		2	

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 tše go ge di hlakana di dirago palo ya gare ka gare ga naleli.



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

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

