

Ho ithuta ka Molaotheo wa Riphaboliki ya Afrika Borwa (1996)

Molaotheo wa Afrika Borwa (1996) o tshwere melao e phahameng ya naha. Melao ena e phahame ho feta moporesidente, e phahame ho feta makgotla a dinyewe, e phahame ho feta mmuso.

E hlalosa kamoo baahi ba naha ba tshwanetseng ho tshwarana kateng, le hore ditokelo tsa bona mmoho le boikarabelo ho e mong ke bofe. Molaotheo o moo ho re tshireletsa bohle ha jwale, le ho sireletsa bana ba rona nakong e tlang.

Ela hloko ka nako e fetileng ya rona.

Ha re se pheteng diphoso tsa na ko e fetileng.

Molaotheo wa rona o re thusa ho aka nya le ho aha bokamoso bo molemo ho bohle.

Rona, baahi ba Afrika Borwa,
Re elellwa tshwarompe ya nako e fetileng;
Re Tlotla ba hlokofaditsweng bakeng sa toka le tokoloho lefatsheng la bo rona;
Re Hlompha ba sebeditseng ho aha le ho tswellisa pele naha ya rona; mme
Re a Dumela hore Afrika Borwa key a bohle ba phelang ho yona, re kopane ho fapaneng ha rona.

Kahoo, ka baemedi ba rona bao re ikgethetseng bona, re amohela Molaotheo ona jwaloka molao wa—

Riphaboliki ho Fodisa ho arohana ha nako e fetileng le ho aha setjhaba se itshelehileng hodima boleng ba demokerasi, tokelo tsa baahi le metheo ya ditokelo tsa botho;

Ho beha motheo wa demokerasi le botjhaba bo bulehileng moo mmuso o thehilweng ho ya ka thato ya baahi mme moahi ka mong a tshireleditswe ka ho lekana ke molao;

Ho ntlafatsa boleng ba bophelo ba baahi bohle le ho neha bokgoni ba moahi a mong monyetla; le

Ho Aha Afrika Borwa e kopaneng ya demokerasi e tla kgona ho nka sebaka sa yona e le mmuso wa kakaretso hara malapa a matjhaba.

Batla ditokelo tsa hao o le moAfrika Borwa mme o be le boikarabelo ba ho tshi reletsa ditokelo tsa ba bang.

Tseba sa Ditokelo le Setshwantsho sa Boikarabelo.

*Eka Modimo O ka tshireletsa batho ba rona.
Nkosi Sikelel' iAfrika. Morena boloka setjhaba sa heso.
God seën Suid-Afrika. God bless South Africa.
Mudzimu fhatutshedza Afurika. Hosi katekisa Afrika.*

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MATHEMATICS IN SESOTHO
GRADE 3 – BOOK 1
TERMS 1 & 2
ISBN 978-1-4315-0010-9

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9th Edition



DIPALO KA SESOTHO – Kereiti 3 Buka ya 1

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Kereiti 3

Lebitso:

Phaposi:



basic education

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DIPALO KA SESOTHO

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1 & 2

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Mofumahadi Angie Motshekga,
letona la Lafapha la
Thuto ya Motheo



Mong. Enver Surty,
Motlatsi wa Letona la
Thuto ya Motheo

Dibuka tsena tsa tshebetso di etseditswe bana ba Afrika Borwa tlasa boetapele ba Letona la Thuto ya Motheo, Mof. Angie Motshekga, mmoho le Motlatsi wa Letona la Thuto ya Motheo, Mong. Enver Surty.

Dibuka tsa tshebetso tsa Rainbow di bopa karolo ya Lefapha la Thuto ya Motheo, ya thuso e reretsweng ho netefatsa tshebetso ya baithuti ba Afrika Borwa dikereiting tse qalang tse tshelletseng. Jwaleka e nngwe ya dintlha tsa bohlokwa tsa Moralo wa Tshebetso ya Mmuso, projeke ena e etsahetse ka tshebetso ya letlole la Polokelo la Setjhaba. Sena se entse hore Lefapha le etse dibuka tsena tsa tshebetso ka dipuo tsohle tsa semmuso, ntle le tefello ya letho.

Re tshepa hore, matitjhere a tla fumana dibuka tsa tshebetso di le bohlokwa mosebetsing wa bona wa letsatsi le letsatsi, le ho etsa bonnete ba hore baithuti ba bona ba etsa kharikhulamo yohle. Re nkile boikarabelo ba ho tataisa titjhere mosebetsing ka e nngwe le e nngwe ya mesebetsi, ka ho kenyetse motshwao a bontshang hore na seo barutwana ba tshwanelang ho se etsa ke sefe.

Re a kgolwa hore bana ba tla natefelwa ke ho sebetsa ka buka ena ha ba ntse ba hola le ho ithuta, le hore wena titjhere, o tla natefelwa mmoho le bana.

Re le lakalletsa katleho ho sebediseng dibuka tsena tsa tshebetso.



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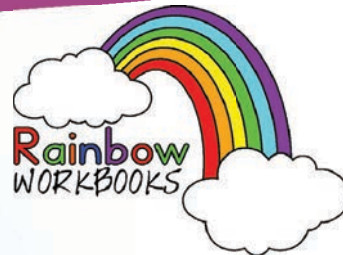
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Kereiti

3



KA SESOTHO

Buka ena ke ya:

SESOTHO

Buka ya

1



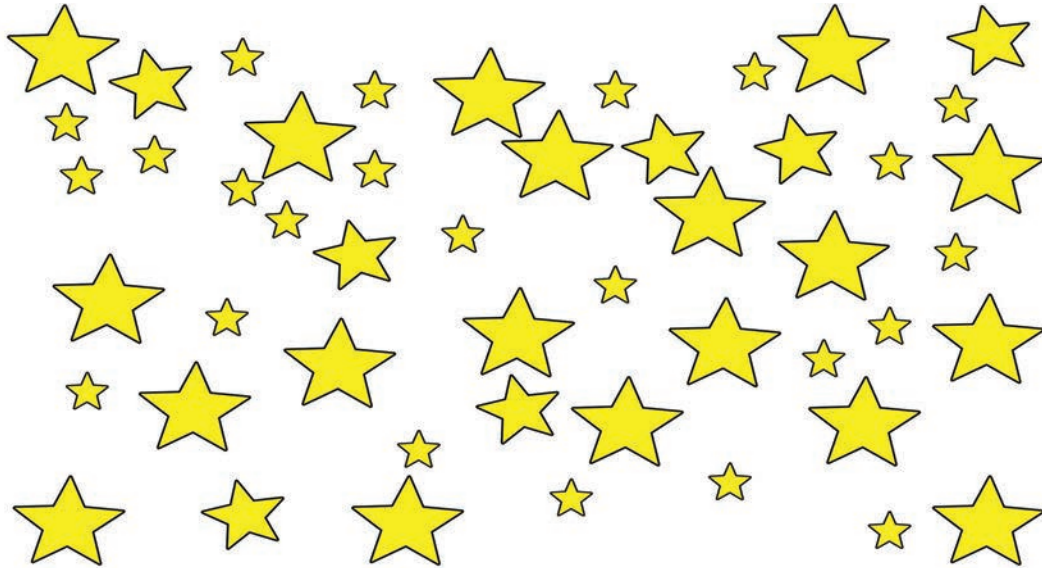
Bala, kgetha le ho bontsha!

Kotara ya I



Ke dinaledi tse kae?

Bapisa dikarabo.



Lekanyetsa hore ke dinaledi tse kae. _____

Jwale di bale. _____

Fumana mohlodi!



Ke mang ya lekanyeditseng hantle ka ho etsisa?

Tlatsang mabitso le dikarabo tsa lona taoleng ena.

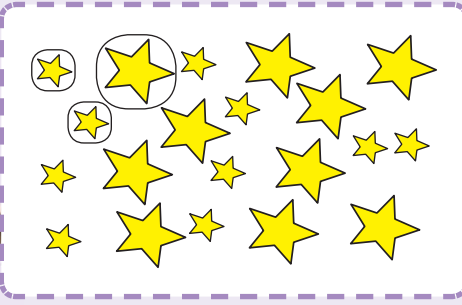
Lebitso				
Lekanyetsa				
Palo ya tse badilweng				
Phapang mahareng a tekanyetso le palo ya hao				



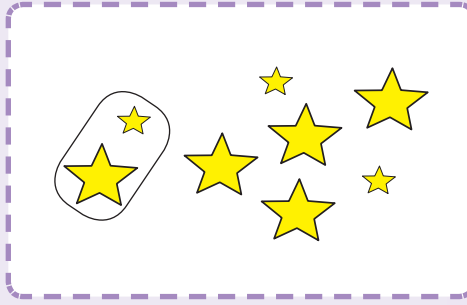
Ditsela tsa ho bala. Re thuse ho di ngola.



Ke badile
ka bo nngwe.



1, 2, 3, _____



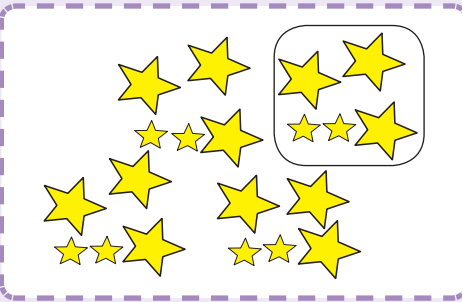
2, _____



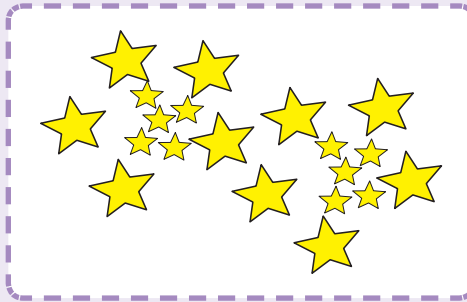
Ke badile
ka bo 2.



Ke badile
ka bo hlano



5, _____





le ka bo
10.



Ngola dipalo tsa polelo

Ngola dipolelo tse pedi o fana ka palo yohle ya dinaledi tse kgolo le tse nyenyane tse leqepheng la 2.

Ngola dikarabo ka mekgwa e mmedi.

Kgolo Nyenyane tjena

kapa

tjena



hape jwalo ka palo ya polelo.

_____ + _____ = _____ kapa _____ + _____ = _____

Ha o kopanya dipalo tse pedi ha ho na taba hore di latelana jwang.



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

2

Letsatsi:

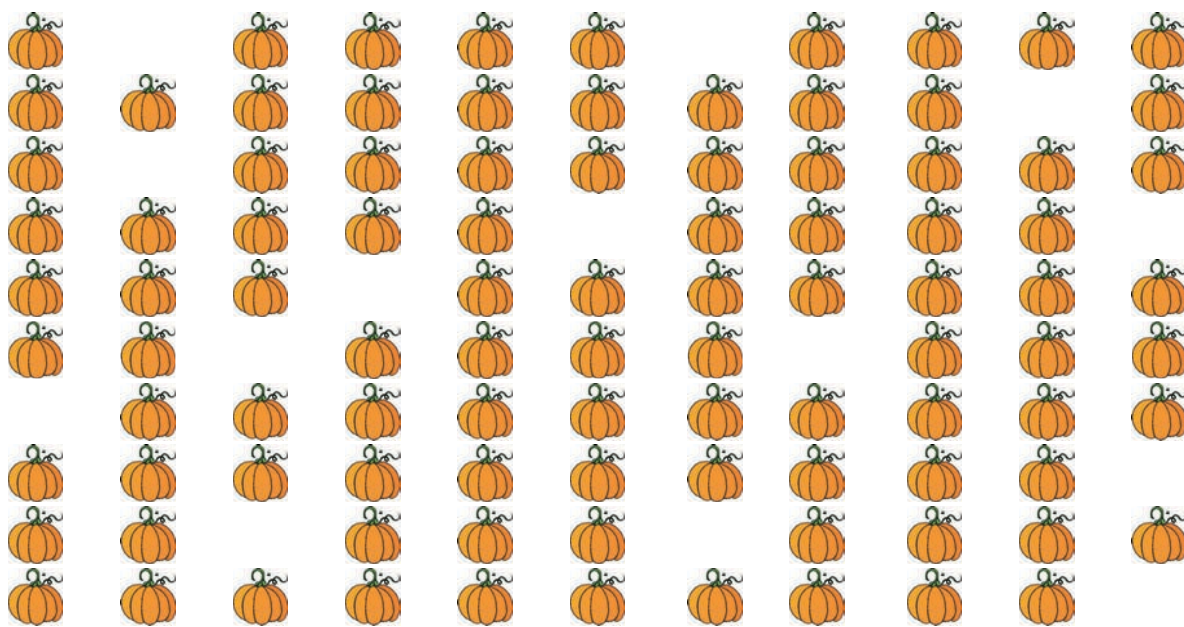
Kotara ya I



Bala mekopu

Fumana tsela e bonolo ya ho di bala!

Ho bala ka bohlale



Karabo: _____



Ho pakela mekopu

Kenya mekopu e leshome mokotleng o le mong.



O ka tlatsa mekotla e mekae ya mekopu? _____

Ho setse mekopu e mekae? _____

Ho hlokahala mekopu e mekae hape ho tlatsa mekotla? _____



Ho tloha ho + ho isa ho $\times$ (ho kopanya ho ya ho katiso)

Qetela palo ya polelo.

Mohlala:

$$10 + 10 + 10 + 10 = 40 \Rightarrow 4 \text{ bongata ba } 10 = 40 \Rightarrow 4 \times 10 = 40$$



a. $10 + 10 + 10 =$ _____
 _____ dihlopha tsa 10 = _____ $\Rightarrow$ _____ $\times$ _____ = _____



b. $10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 =$ _____
 _____ dihlopha tsa 10 = _____ $\Rightarrow$ _____ $\times$ _____ = _____



Matsoho le menwana



Ke matsoho a makae? _____

Ke menwana e mekae? _____

Ngola karabo ya hao ka mekgwa e 2.

_____ dihlopha tsa 10 = _____ le _____ $\times$ 10 _____



Teacher: _____
 Sign: _____
 Date: _____

11 12 13 14 15 16 17 18 19 20

3a

Letsatsi:

Dinomoro botong ya lekgolo



Dipalo tse balwang

Bala le ho bolela dipalo tsohle ho tloha ho 1 – 100. Supa ha o ntse o tswela pele.

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

- Ngola palo e siilweng bolokong ka bong bo bolou.
- Ngola le dipalo tse ding.
- Dipalo tse tshehla ke tsa mofuta ofe?



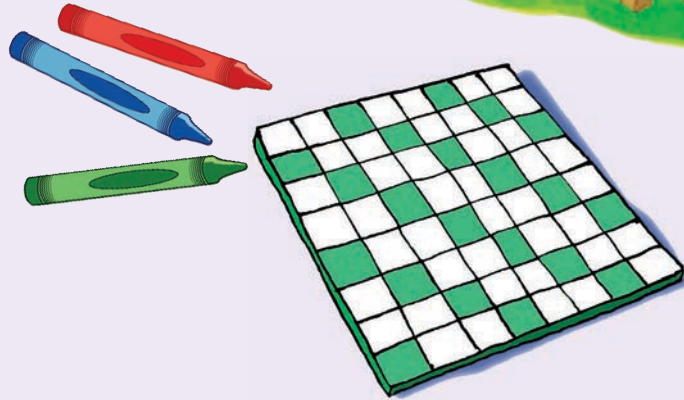
Ngola dipalo ka mantswe

90	mashome a robong	41	
77		56	
14		65	



Ho bala le ho khalara

itokisetse ho bala mmala



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 mme o
kwahele bo 10.

Bala ka bo 10
ho tloha ho 10
ho isa ho 100.

Ngola bo 10
ho isa ho 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 le ho akaretsa bo-5
ho tloha ho 0 – 100.

Bala ka bo 5
ho tloha ho 5
ho isa ho 100.

Ngola bo 5
ho isa ho 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 mme o
kwahele bo 2.

Bala ka bo 2
ho tloha ho 2
ho isa ho 100.

Ngola bo 2 ho
tloha ho 2 ho isa ho 100.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

3b

Letsatsi:

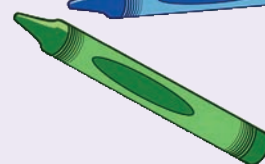
Kotara ya I

Dinomoro botong ya lekgolo (di a tswella)



Batla dipaterone

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

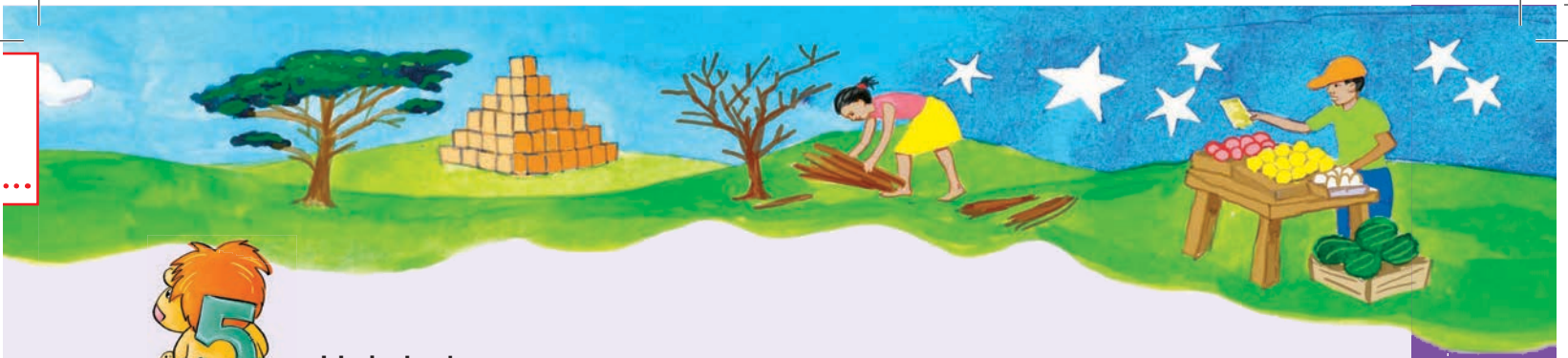


Tshwaya bo 10 kaofela

Sehella mola ho 5 tseo o di bonang kaofela

Tshwaya bo 2 kaofela

Ngola dipalo tsa pele tse leng pateroneng ya bo 2 le ya bo 5.



Ho bala dipaterone

Tlatsa dipalo tse siilweng.

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

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

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

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

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

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



11 12 13 14 15 16 17 18 19 20

Letsatsi:

4

Boleng ba sebaka!

Kotara ya 1



Bontsha dipalo tsa hao

Seha dikarete tsa dipalo ho tswa ho leqepheng la 1 la tse sehwang.
Sebedisa dikarete ho bopa dipalo tsena.

19

43

69

54

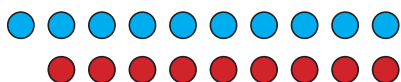
35

10

9



19

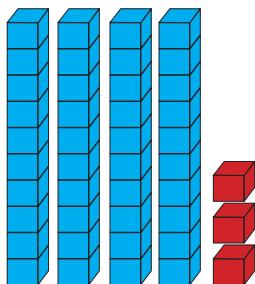


10

9

$$10 + 9 = 19$$

43



10

10

10

10

3

$$40 + 3 = 43$$

Jwale iketsetse tsa hao ka dipalo tsena o sebedisa tse sehlweng tsa 1.

54

35

69



Ho ngola dipalo tsena

Ya pele o se o e etseditswe.

Re ka nna ra re bonngwe ba 9.

19	$10 + 9$	leshome le 1 + diyunititse 9	Leshome le metso e robong
43			
69			
54			
35			
21			
73			
44			
32			
89			
17			
95			
56			
68			
67			



Ngola dipalo tsa pele tse hlano, ka hara papetla, e ka hodimo ka tatelano ho tloha ho e nyenyane ho fihla ho e kgolo.

_____;

Teacher:
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

5

Letsatsi:

Ho kapanya le ho tlosa



Lebenkele la Lebo

Hoseng Lebo o na le dipakana tse 19 tsa diapole. Ka nako ya motsheare o se a saletswe ke dipakana tse 13.

a. Lebo o rekisitse dipakana tse kae? _____

b. Ngola karabo ya hao e le palo ya polelo.

_____ - _____ = _____



Ngola dipalo tse ding tse hlano tsa ho bontsha karabo e ntseng e tshwana.

$$15 - 9 = 6$$



Ho ikwetlisa ka palo

Ngola karabo.

$$1 + 2 = 3$$

Sebedisa ...

+ - =

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



Maloko a dipalo

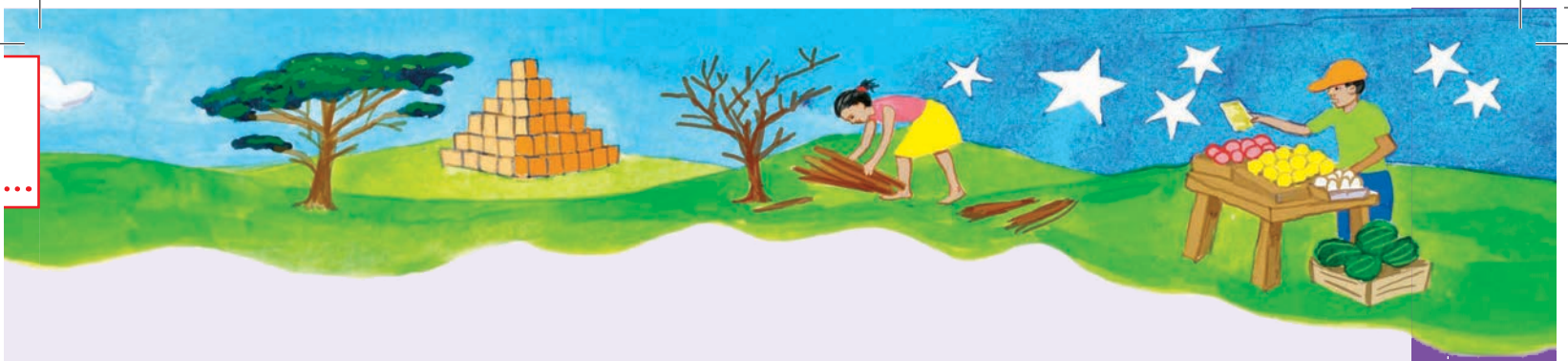
5

9

14

Sheba mehlala ena ya lelapa la palo.

$9 + 5 = \underline{14}$	$5 + 9 = \underline{14}$
$\underline{14} - 9 = 5$	$\underline{14} - 5 = 9$



Na o ka fumana dipalo tsohle tsa malapa a 14?

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



Ke tla etsa sena
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

Letsatsi:

Ho pheta habedi le ho hafola

O sa hopola?

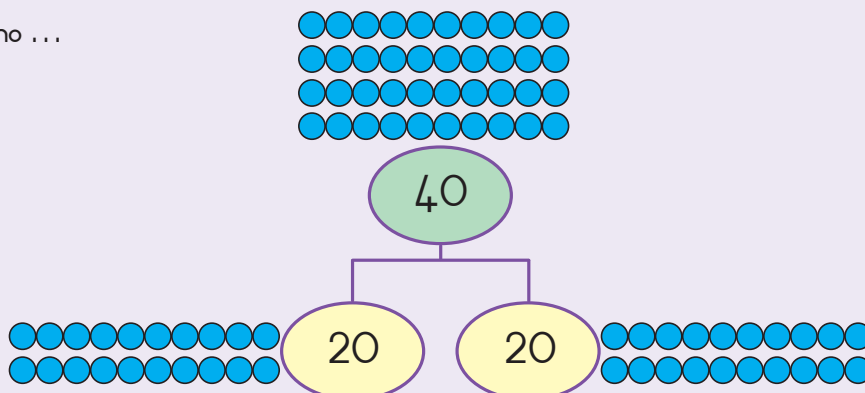
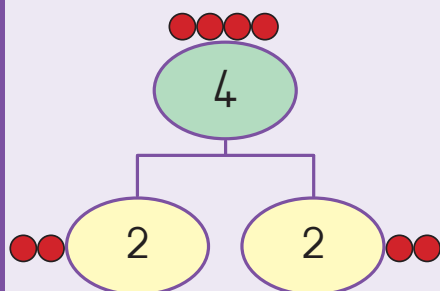
2 ke halofo ya 4

20 ke halofo ya 40

4 ke 2 habedi

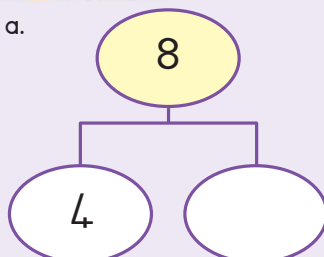
40 ke 20 habedi

Re ka bontsha sena ka setshwantsho ...

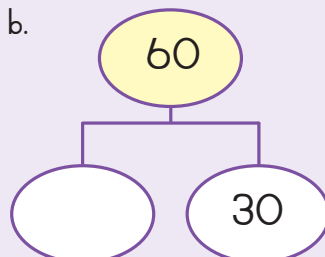


Fumana tse phetilweng habedi kapa dihalofo

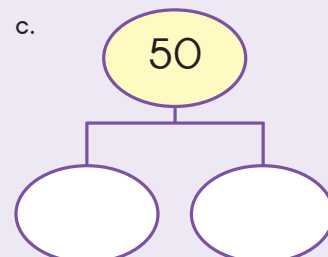
a.



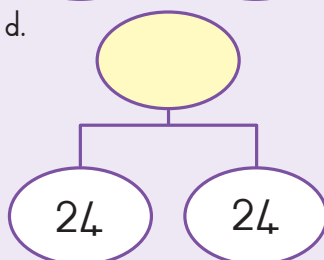
b.



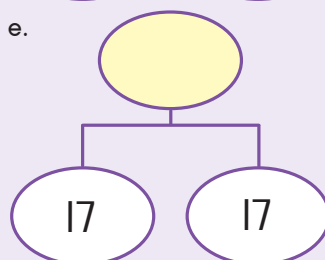
c.



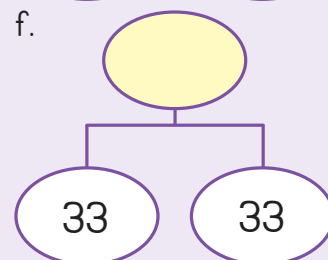
d.



e.



f.



Phephetso

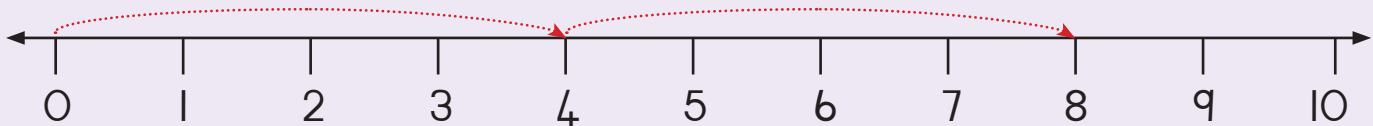
Fumana halofo e le nngwe ya 3.

E bontshe e le palo kapa o ngole lebitso la palo. Setshwantsho se ka o thusa.

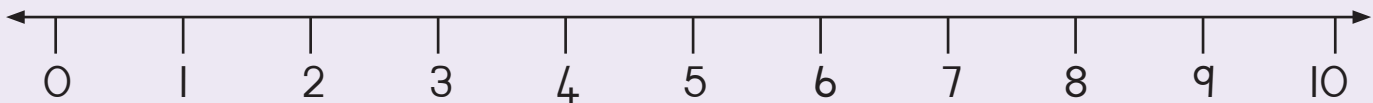


Pheta palo habedi o sebedisa molapalo.
Mohlala wa pele o se o o etseditswe.

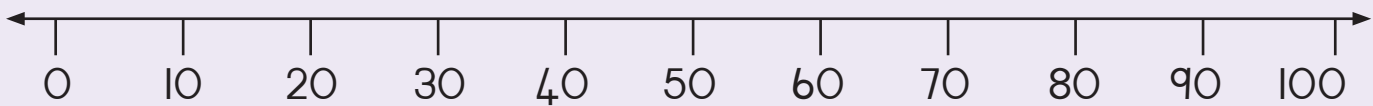
a. Pheta 4 habedi $\boxed{4} + \boxed{4} = \boxed{8}$



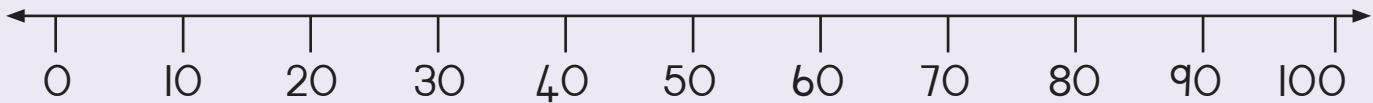
b. Pheta 5 habedi $\boxed{} + \boxed{} = \boxed{}$



c. Pheta 20 habedi $\boxed{} + \boxed{} = \boxed{}$



d. Pheta 40 habedi $\boxed{} + \boxed{} = \boxed{}$



Qetela tse latelang

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



Qetela tse latelang

a. Halofa ya 6	3
b. Halofa ya 8	
c. Halofa ya 14	
d. Halofa ya 60	
e. Halofa ya 70	



Teacher:
Sign:
Date:



Letsatsi:

Kotara ya 1

Dikarolwana

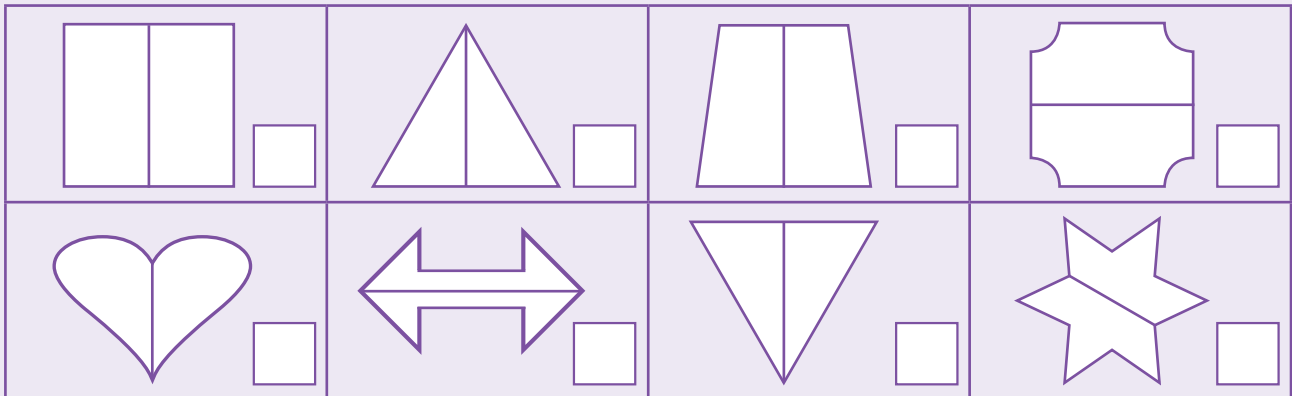
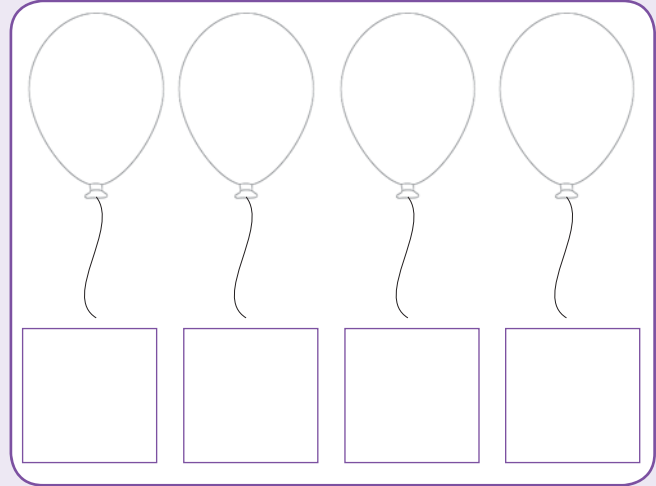
Tlotsa kotara ya dibalunu ka mmala o mkgubedu tse ding ka mmala o bolou.

Tlotsa halofo e le nngwe ya lebokose ka mmala o mkgubedu.



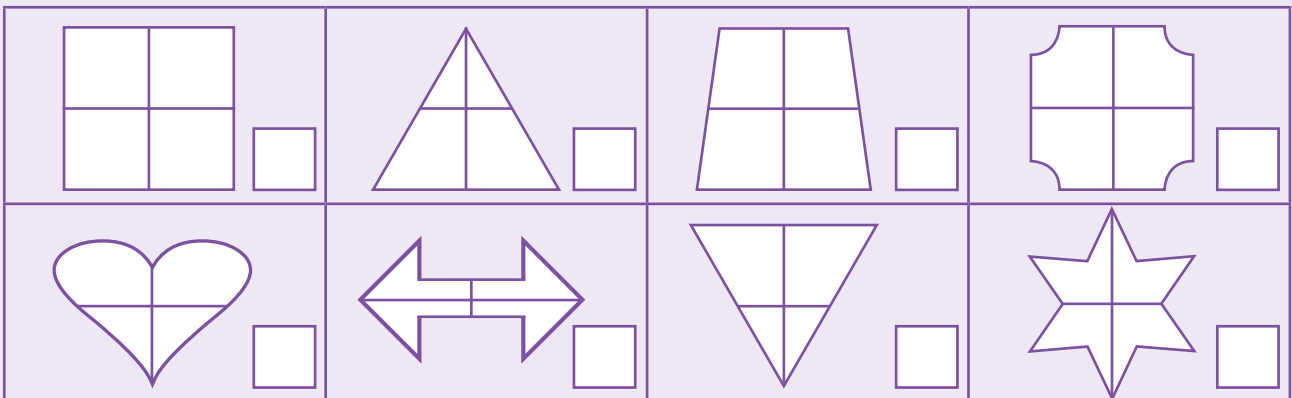
Sheba setshwantsho. Tshwaya sebopeho se bontshang dihalofo.

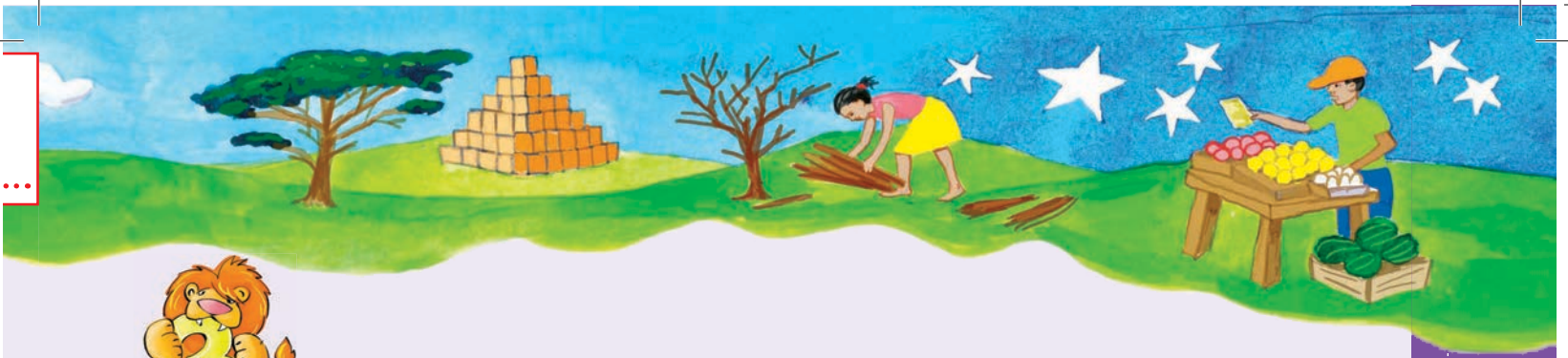
Tlotsa halofo ya sebopeho se seng le se seng se arotsweng ka halofo ka mmala.



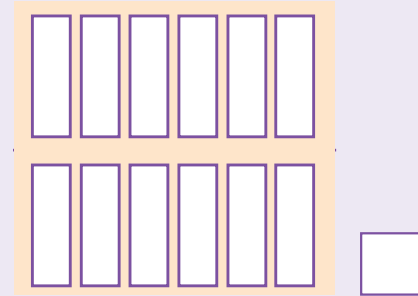
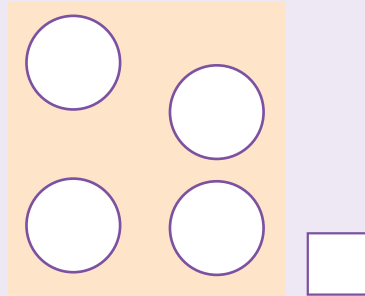
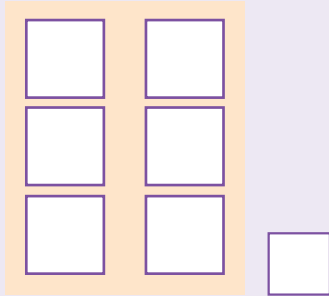
Sheba dibopeho. Tshwaya dibopeho tse bontshang dikotara.

Tlotsa kotara e le nngwe ya sebopeho se seng le se seng se arotsweng ka dikotara ka mmala.

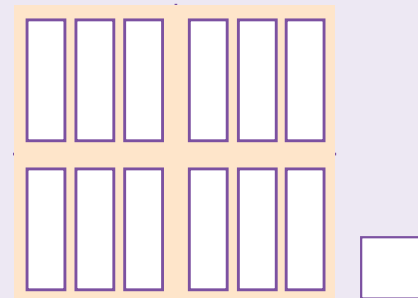
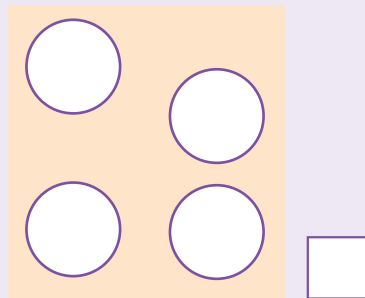
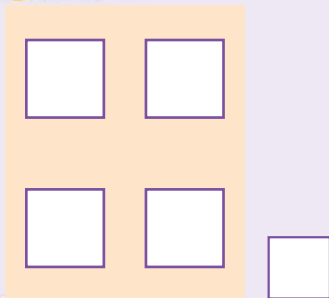




Tlotsa halofo o ya sebopeliso ka mmala. Halofo o ya palo ya dibopeliso ke bokae?



Tlotsa kotara ya dibopeliso ka mmala. Kotara ya palo ya dibopeliso ke bokae?

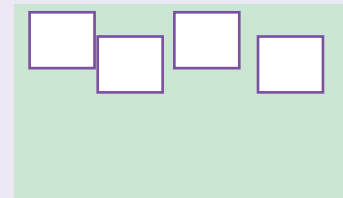
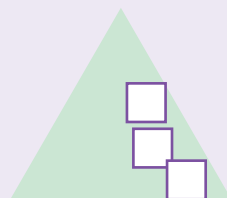
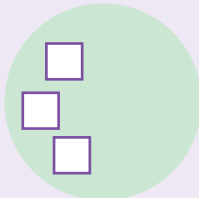


Ngola e le letshwao la karolwana.

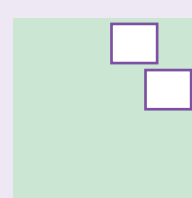
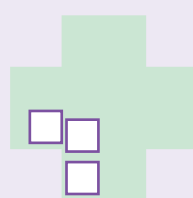
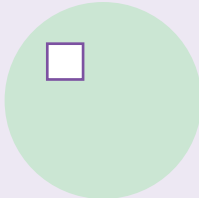
halofo e le nngwe

kotara e le nngwe

Taka dibopeliso tse ding hape ho etsa hore dihalofo di lekane.



Taka dibopeliso tse ding hape ho etsa hore dikotara di lekane



Teacher: _____
Sign: _____
Date: _____

Ho hlopha tjhelete



Setokofeleng

MmaLubisi o bala le ho kgetha tjhelete ho tswa sehlopheng.



Lekanyetsa palo yohle. R _____

Bala tjhelete. R _____

Bapisa ditekanyetso
le palo yohle.



Ho boloka tjhelete

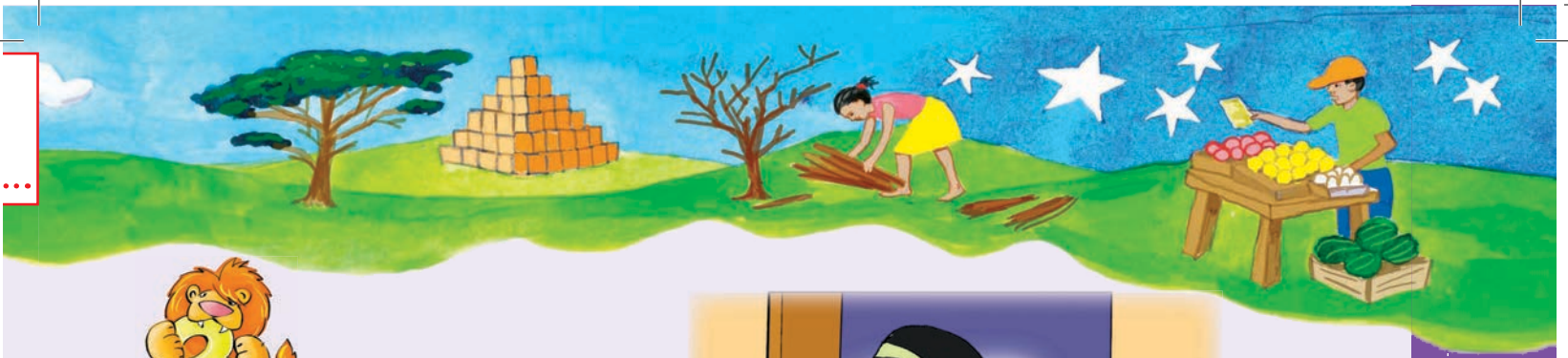
Gugu o boloka tjhelete bakeng sa para ya dieta tse bitsang R89.

Ho fihlela jwale o na le halofo ya tjhelete.

O sa ntse a hloka bokae?

Ngola palo ya polelo ho bontsha karabo ya hao.





Bankeng

Maria o kgetha tjihelete ya dipampiri ho etsa diqubu tse 5.

Le yena o na le dinoutsu tse setseng.

Ngola palo yohle bakeng sa setshwantsho ka seng.



Palo yohle



R _____



R _____



R _____



Phephetso

Re etela serapa sa diphoooolo

Batho ba bang ba baholo le bana ba ya serapeng sa diphoooolo.

Ba reka ditekete tsa R90.

Bana ba bakae? _____

Batho ba baholo ba bakae? _____

Ebe ho na le karabo e nngwe?

Batho ba baholo _____ Bana _____



11 12 13 14 15 16 17 18 19 20

q

Letsatsi:

Dipaterone

Kotara ya l



Sebedisa boto ya dipalo tse 200 ho araba dipotso.

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



Sebedisa boto ya dipalo tse 200 ho qetela dipalo tse nne tse setseng dipateroneng tse na tsa dipalo. Jwale tlotsa paterone ya dipalo ka mmala.

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



Ngola dipalo tse latelang pateroneng e nngwe le e nngwe. Jwale tlotsa paterone ka mmala. O hlokomela eng ka dipalo tse tlostsitsweng ka mmala o tshwanang?

Ho bala ka bohlano

			5				10

Ho bala ka bobedi

	2		4				

Ho bala ka boraro

	3		6			

Ho bala ka mashome.

								10



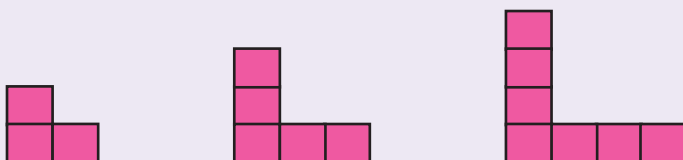
Atolosa dipaterone.



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Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

10

Letsatsi:

Dibolo, mabokose, le disilintere

Kotara ya I



Etsa sedikadikwe ho potoloha mabokose ka mmala o bolou, dibolo ka mmala o mokgubedu, disilintere ka mmala o motala.



Tlotsa karabo e nepahetseng ka mmala.



Lebokose

tse
sekamang

tse
thetehang



Silintere

tse
sekamang

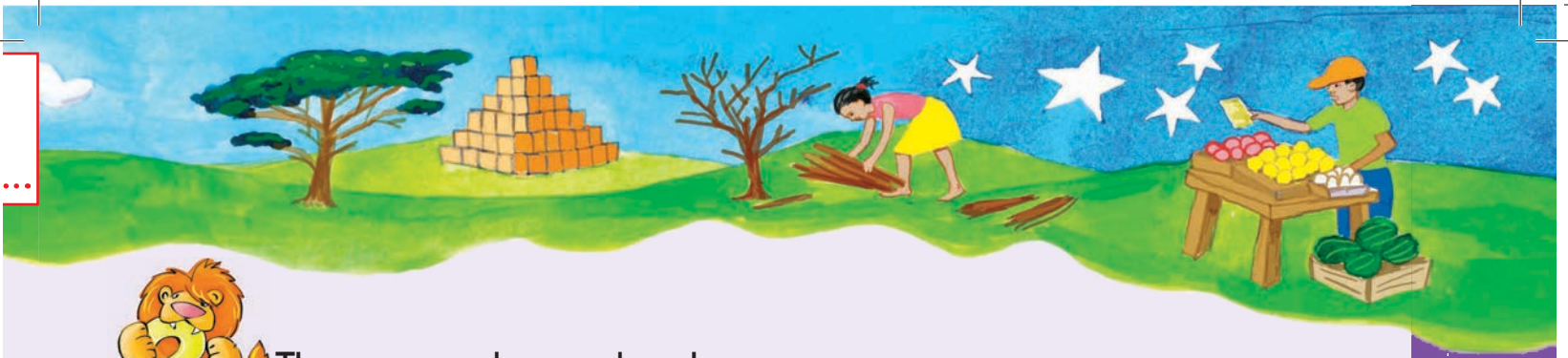
tse
thetehang



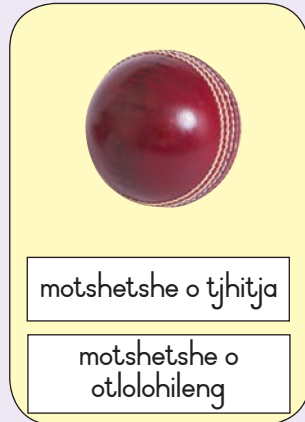
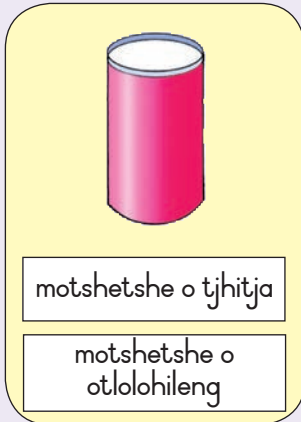
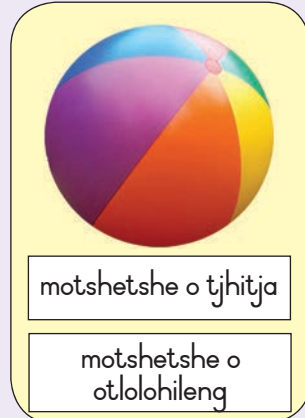
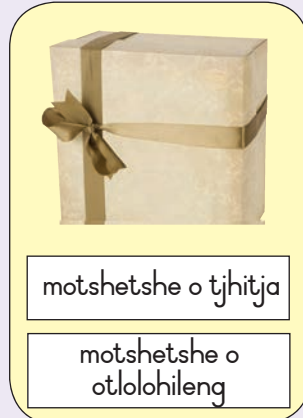
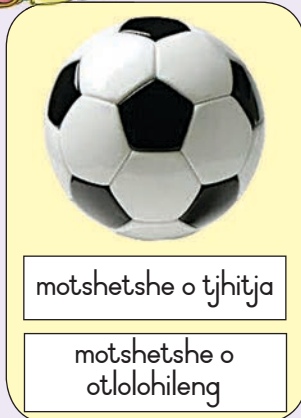
bolo

tse
sekamang

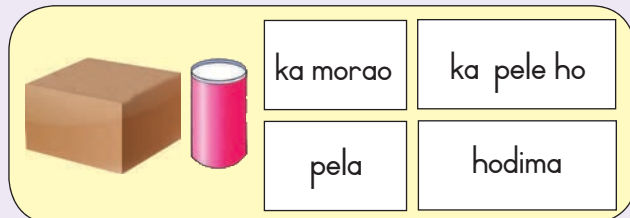
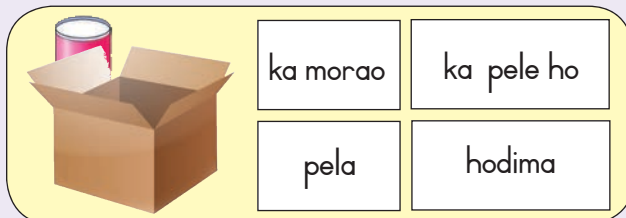
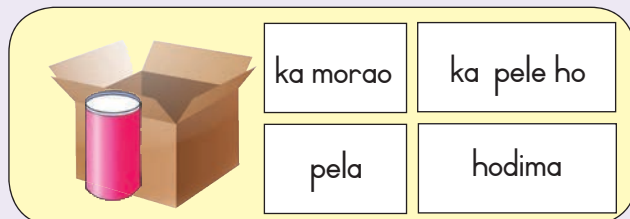
tse
thetehang



Tlotsa tse nepahetseng kamala.



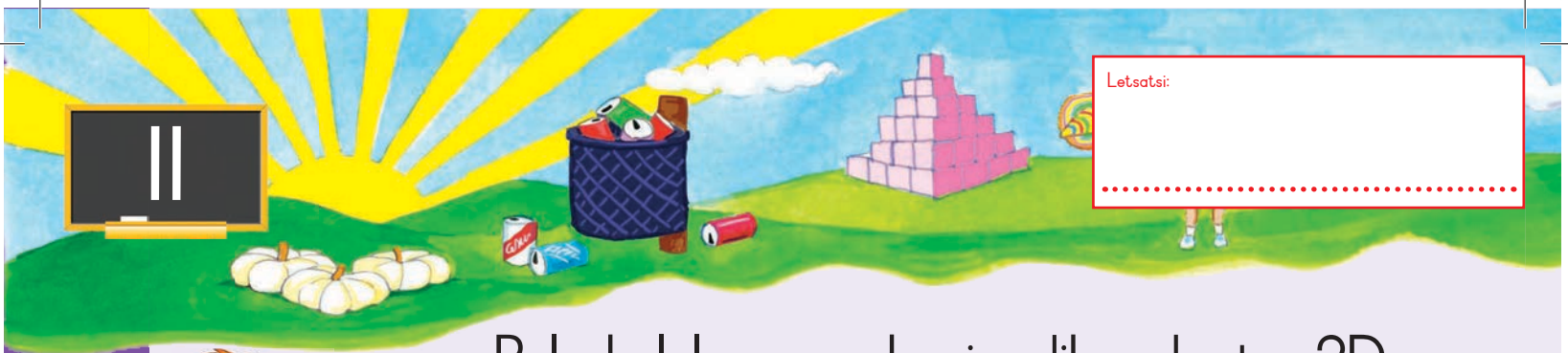
Bolela hore lekane le kamorao ho, kapele ho, thoko ho kapa hodima lebokose.



Teacher:

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Date:



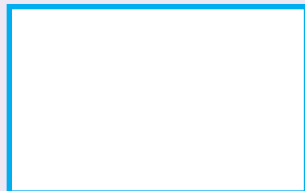
Rala, bolela mme o bapise dibopeho tsa 2D



Taka dibopeho



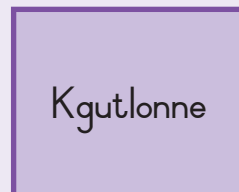
Kgutlotharo



Sedikadikwe



Sekwere

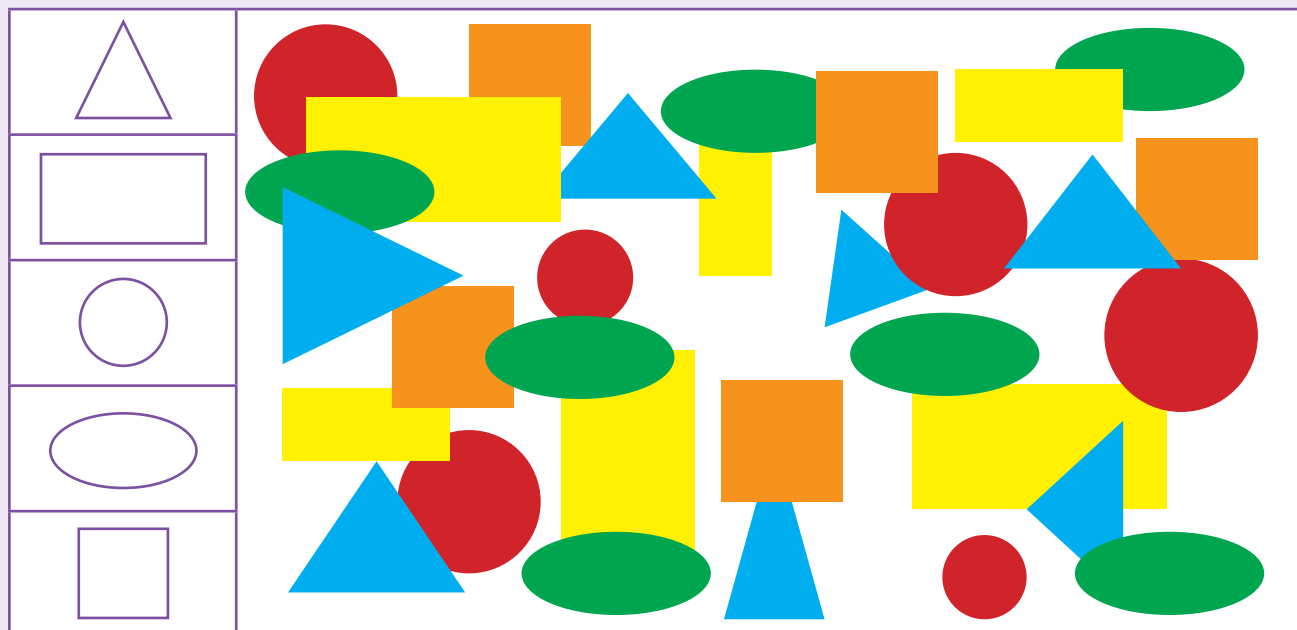


Kgutlonne



Ho bala dibopeho

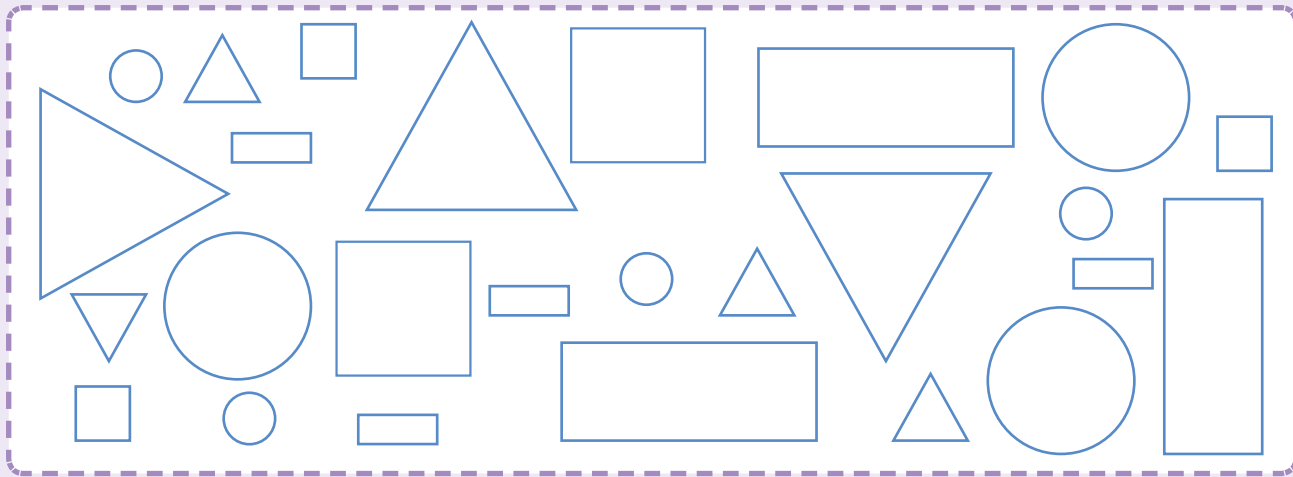
Bala hore ke dibopeho tse kae tse tshwanang le tsena tseo o ka di fumanang setshwantshong.





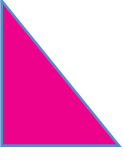
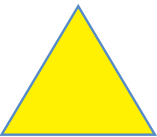
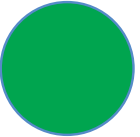
Tlotsa

Tlotsa ka mmala didikadikwe tse kgolo kaofela ka mmala o mokgubedu, didikadikwe tse nyenyane ka mmala o motala; dikgutlotharo ka mmala o bolou, dikgutlotharo tse nyenyane ka mmala o bosehla ba lamunu; dikwere tse kgolo ka mmala o pherese, dikgutlonne tse kgolo ka mmala o mosootho, dikgutlonne tse nyenyane ka mmala o mopinki.



Mahlakore a makae?

Sebopelo ka seng se na le mahlakore a makae? Ngola palo ka hara boloko. **Re o etseditse se le seng.** Na mahlakore a otlohleng kapa a tshitja? Tlotsa karabo e nepahetseng ka mmala

 otlohleng tshitja	 otlohleng tshitja	 otlohleng tshitja	 otlohleng tshitja
 otlohleng tshitja	 otlohleng tshitja	 otlohleng tshitja	 otlohleng tshitja



Teacher:
Sign:
Date:

Nako e a feta



Ho bala nako

Diwatjhe tsee di bontsha nako dife?



___ botsekeng

___ botsekeng

___ botsekeng

___ botsekeng



Tlola ho potoloha tshupanako

Thusa Minnie Mouse ho bala metsotso ka bo 5.

Qala ho 12. O potolohe.

O bala metsotso e mekae? _____

Ke metsotso e mekae ka hora l? _____



Ho ngola nako

Etsa manaka ho bontsha dinako.

metsotso e leshome
le metso e mehlano
kamora 6metsotso e mashome a
mararo kamora 8metsotso e leshome le
metso e mehlano pele
ho 11

halofo kamora 5



Tumi o ya sekolong ka maoto.



O tloha hae.



O fihla sekolong.

Tumi o nka nako e kae? _____



Letsatsi la ho baka

Maria o baka borotho.



Borotho bo kena
ontong.



Borotho
bo a tswa.



Borotho bo bakwa nako ya metsotso e _____.



Phephetso

Nako e phetilweng habedi

a. Fetoletsa dihora ho metsotso.

Dihora	1	2	4	8
Metsotso	60			

b. Mandla o nka metsotso e 45 ho ya sekolong. Zander o nka habedi ho ya. Tumi o nka dihora tse kae ho fihla sekolong? _____

Ke hlokomela
paterone.

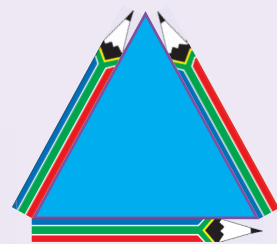


Teacher: _____
Sign: _____
Date: _____

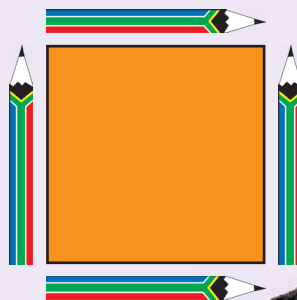
11 12 13 14 15 16 17 18 19 20

Ho metha bolelele

Kotara ya l



Kaofela,
mahlakore oohle
a kgutlotharo
ena a bolelele ba
diphensele tse 3.



Kaofela,
mahlakore oohle
a kgutlonne ena
a bolelele ba
diphensele tse 4.



Ke ipotsa hore
kgutlonne e
bolelele le bophara
bo bokaie.

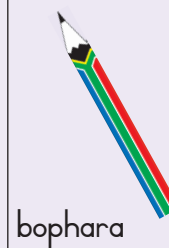
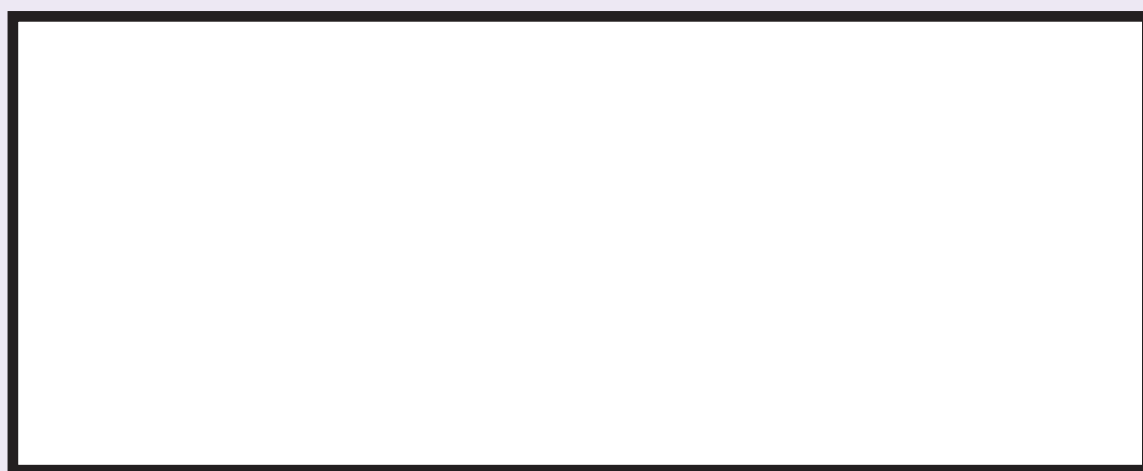
Kgutlonne e bolelele ba diphensele tse kae?

Kgutlonne e bolelele ba diphensele tse kae?

Kgutlonne e bophara ba diphensele tse kae?

Kgutlonne e bophara ba diphensele tse kae?

bolelele



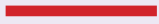
bophara

O sebedisitse diphensele jwang ho bala?

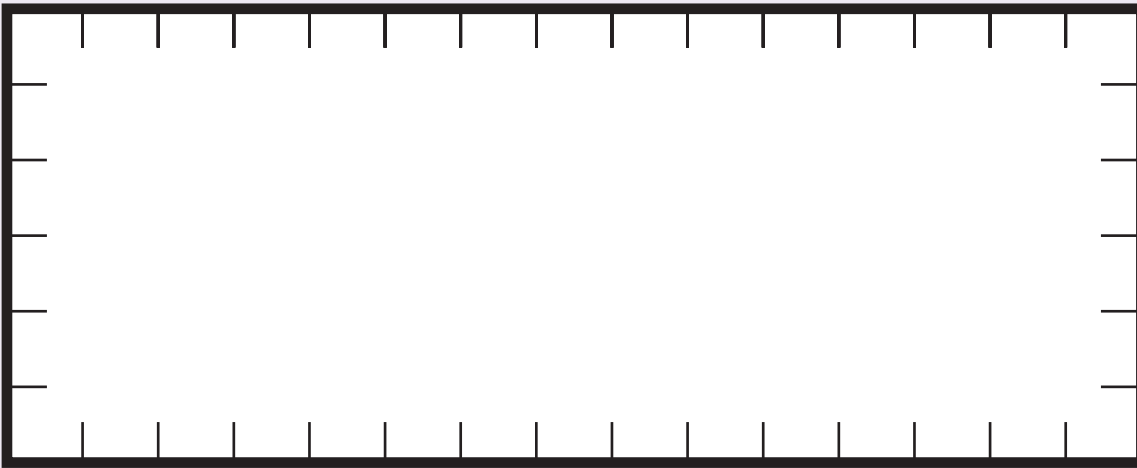


Bolelele bo makatsang

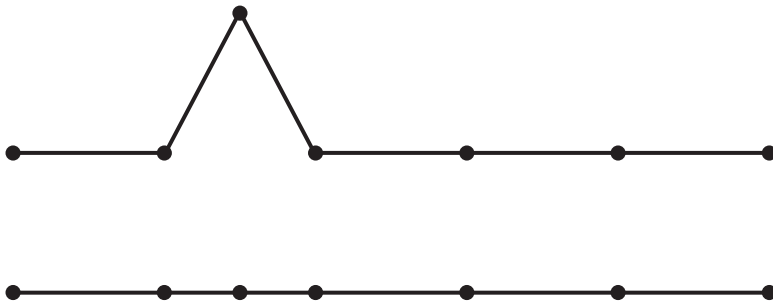
a. O hloka mela e mekae e mekgubedu ho kwahela mola o motsho?



b. O hloka mela e mekae e mekgubedu ho tswela pele ho potoloha kgutlonne?



c. Ke efe e teletsana, ke tsela e ka hodimo kapa e ka tlase, kapa di a lekana?



Karabo _____

Hobaneng? _____



Teacher:

Sign:

Date:

14

Letsatsi:

Kotara ya I



Bongata

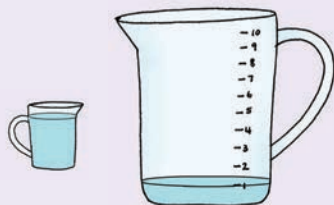
Ke se ke tshetse dikgabana
tse nne ka koping



Ke dikopi tse ding tse kae tsa metsi tse tla
tlatsa setshela?

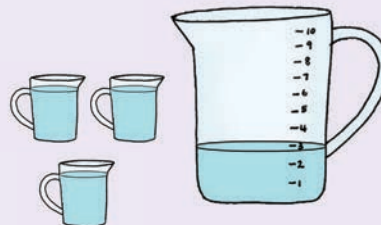
Ke dikopi tse kae tsa metsi a ka hara setshela? Re hloka dikopi tse kae hape ho tlatsa setshela?

a.



Ka hara setshela Hloka tse ding hape

b.



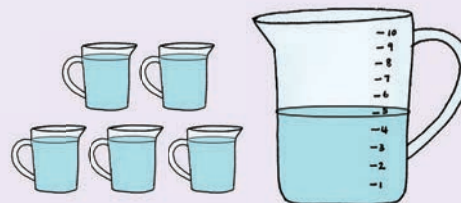
Ka hara setshela Hloka tse ding hape

c.



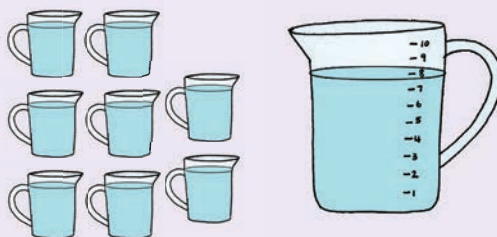
Ka hara setshela Hloka tse ding hape

d.



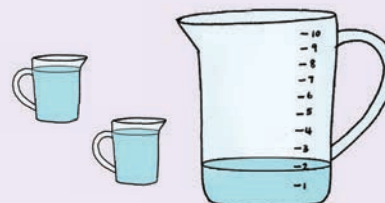
Ka hara setshela Hloka tse ding hape

e.

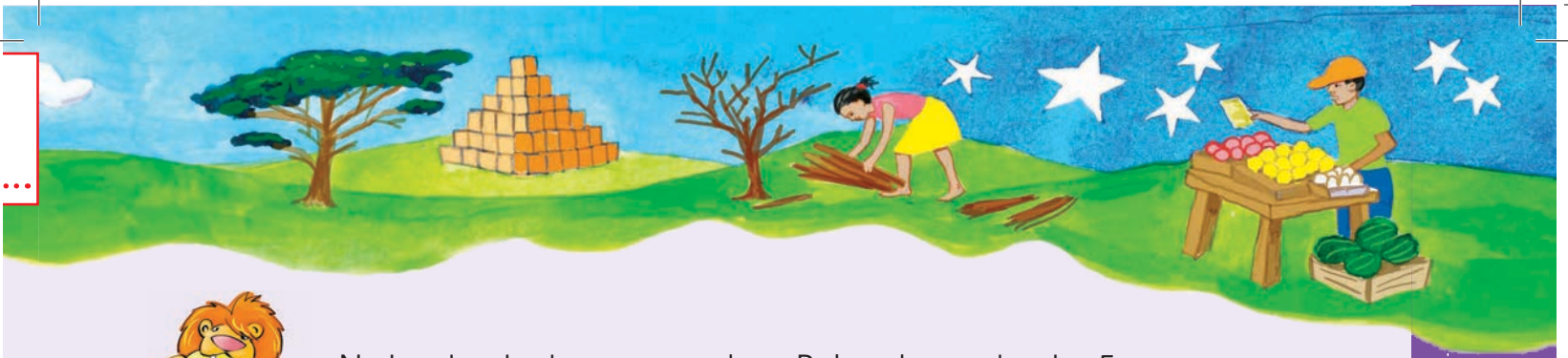


Ka hara setshela Hloka tse ding hape

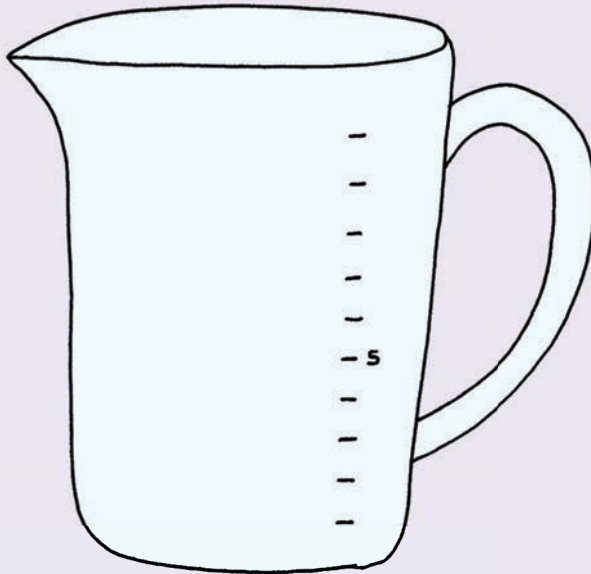
f.



Ka hara setshela Hloka tse ding hape



Ngola makgetlo jekeng ena e methang. Re bontshitse makgetlo a 5.
Tlatsa makgetlo a mang jekeng.



Haeba kopi e le nngwe e tlatsa jeke
lekgetlo la bobedi, o hloka dikopi tse kae
ho tlatsa jeke?

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



Tshwaya ditshela tseo o hopolang hore di tshetse lithara e 1 ya
mokedikedi.















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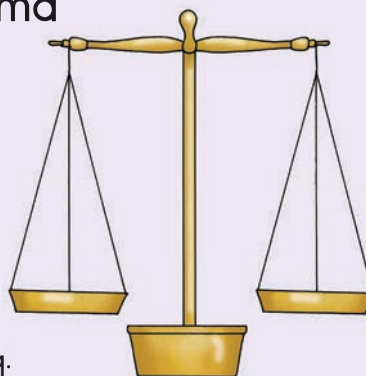
Ho sebeta ka boima



Ha re lekanyeng hore re boima bo bokae!

Ho fumana **boima** ba rona, hore re **boima** kapa re **bobebe** hakae, re sebedisa sekala.

Re lekanya boima ka **dikilogramo**. Re sebedisa kgutsufatso ena: kg.
Ke mang ya methang hofeta?



4.1 kg



38 kg



4.1 kg



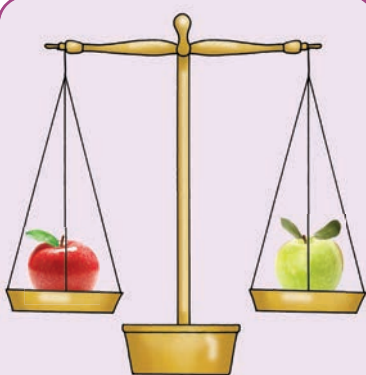
4.2 kg



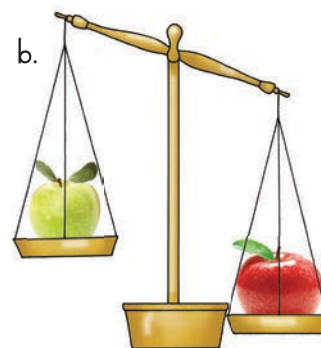
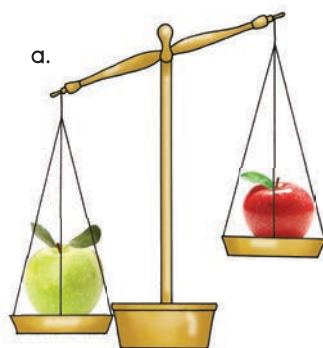
39 kg



Re sebedisa sekala se bekgang ho fumana boima.



Sekaleng sena diapole tsena di le pedi di na le boima bo lekanang

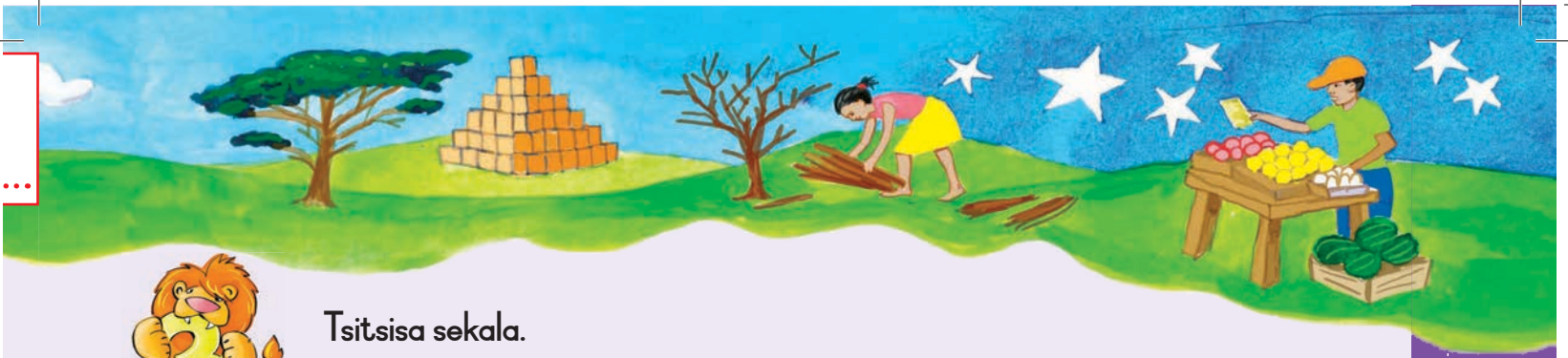


Araba potso ngola a kapa b

Apole e tala e boima ho feta e kgubedu sekaleng sefe?

Apole e tala e bobebe ho feta e kgubedu sekaleng sefe?

☐
☐

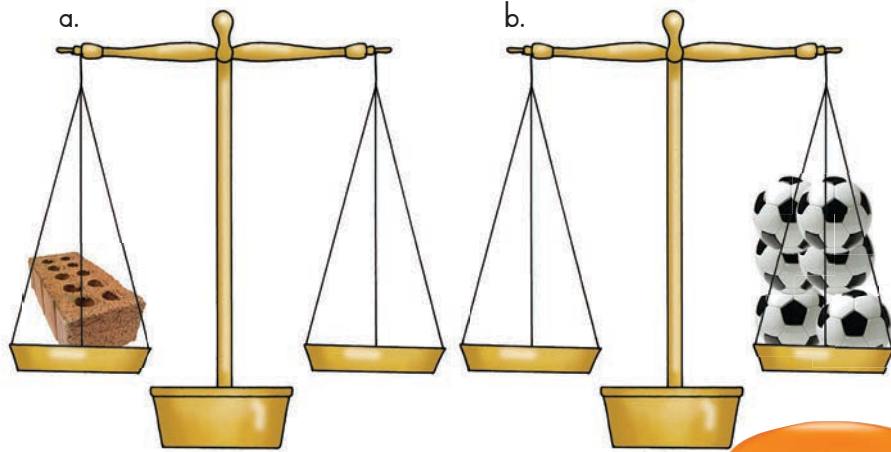


Tsitsisa sekala.

Ya pele o se o e etseditswe



Etsa setshwantsho ho bontsha hore o hloka ditene kapa dibolo tse kae hore sekala sena se lekane.

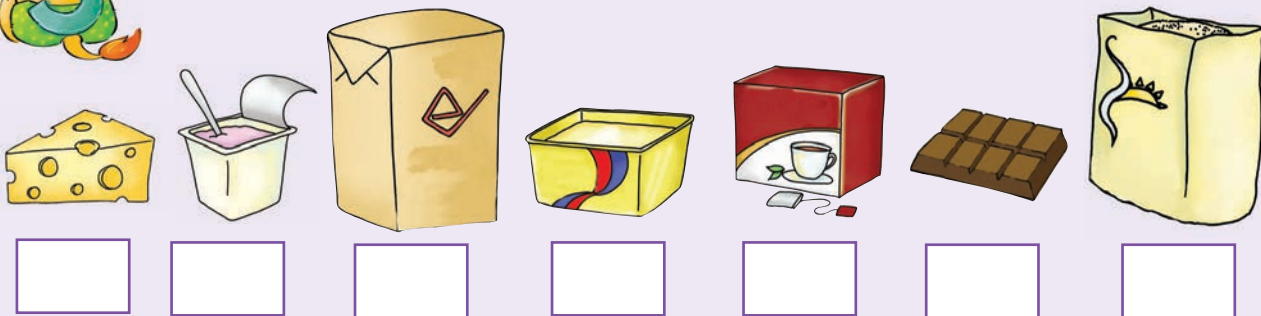


Haeba phasele e le nngwe e na le boima ba 3 kg. Diphasele tse:

- Diphasele tse 2 _____ kg
 - Diphasele tse 3 _____ kg
 - Na nka metha diphasele tse 4 ka nako e le nngwe sekaleng sa kitjhine? _____
- Hobaneng o ke ke wa etsa jwalo/oka etsang jwalo? _____



Tshwaya diboloko tsa dikarabo tsa dintho tsa boima ba 1 kg.



16

Letsatsi:

Kotara ya I



Dieta ka phaposing



Bala pale.

Thabo: Jo nna, Mofumahatsana! Jack ke ledimo! O rwala dieta tsa saese ya 6!

Mo. Khoza: Hantle haholo, Thabo, ke saese e kgolo ho ngwana wa dilemo tse robong! Wena o rwala saese efe ya dieta Thabo? Baithuti ba bangata ba rwala saese efe? Ha re etseng dipatlisiso!

Baithuti ba bolela saese tsa bona, moithuti a le mong ka nako.

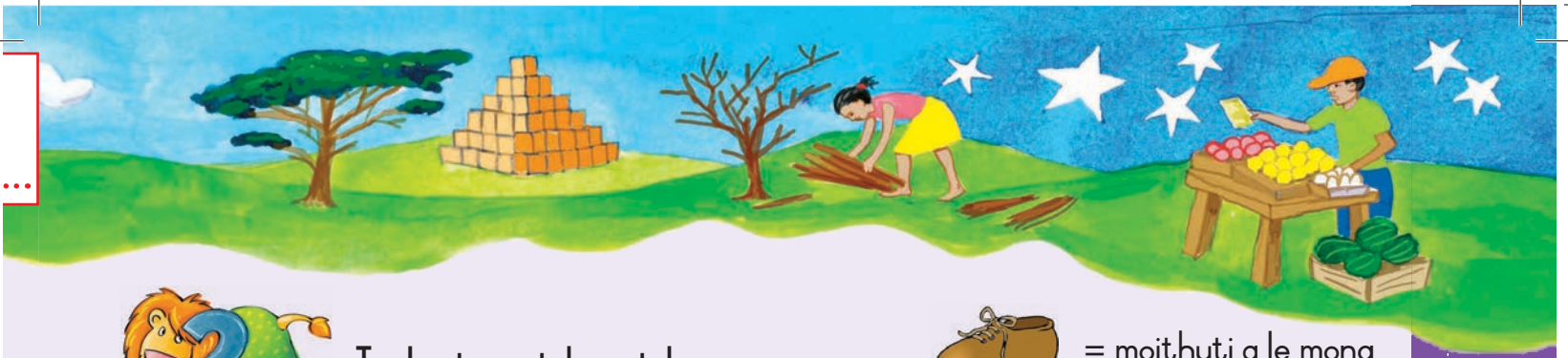
Mo. Khoza o ngola disaese hodima letlapa.

Mo. Khoza: Bala, mme o ngole hore ke palo e kae ya saese ka nngwe papetleng.

2	2	3	1	2	3	1	4	3	2	3
2	3	2	6	2	2	3	3	3	4	3
4	2	2	3	3	5	3	2	2	2	1
1	1	2	4	2	3	2	3	4	2	4
4	3	2	2	3	1	2	2	1	4	3

Tlatsa papetla e ka tlase.

Disaese tsa dieta ka phaposing					
Saese ya 1	Saese ya 2	Saese ya 3	Saese ya 4	Saese ya 5	Saese ya 6



Jwale etsa setshwantsho



= moithuti a le mong

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



Jwale araba dipotso tsena.

- Baithuti, ba bangata ba rwala dieta tsa saese ya _____.
- Palo e tlaase ya baithuti e rwala saese ya _____.
- Ke bana ba _____ ba nkang karolo phuputsong ena.



O reng ka wena?

Umana hore wena le motswalle wa hao le rwala disaese dife tsa dieta!

- Sebetsang ka dihlopha tsa 6 kapa 8.
- Bokella dintlha tsa hao.
- Ngola palo ya disaese tsa dieta papetleng.
- Bapisang dikarabo tsa lona le tsa dihlopha tse ding.



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Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Bapisa le ho hlophisa dipalo

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

Ke palo efe e tlang pele ho 84?
Ke palo efe e ka mora 84?

Ke palo efe e dipakeng tsa 88 le 90?



Tlatsa ka dipalo tse siilweng.

51									
						67			
71									
									100

Sebedisa boto ya dipalo ho araba dipotso

- Ke palo efe e ka pele ho 68? _____
- Ke palo efe e ka mora 68? _____
- Ngola dipalo tse hlano tse ka tlase ho 71. _____, _____, _____, _____, _____
- Gola dipalo tse hlano tse kgolwanyane ho 71. _____, _____, _____, _____, _____
- Ke dipalo dife tse dipakeng tsa 79 le 84? _____
- Ngola dipalo ho tloha ho tse nyane haholo ho ya ho tse kgolo haholo. 73, 52, 50, 59, 61

- Ngola dipalo ho tloha ho tse kgolo haholo ho ya ho tse nyane haholo 74, 96, 99, 91, 38



Qetela papetla. Qala ka palo eo o efilweng.

	eketsa ka e le nngwe	fokotsa ka e le nngwe	eketsa ka leshome	fokotsa ka leshome
25				
39				
74				
56				
40				



Etsa sedikadikwe ho potoloha palo e kgolo.

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

Etsa sedikadikwe ho potoloha palo e nyane.

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



Haeba < e bolela e **nyenyane** jwalo ka mme > e bolela e **kgolwanyane** jwalo ka qetela:

32 < 64 23 > 18

57 98 89 57



Fumana dipalo tse 5 tse dipakeng tsa 50 le 99 lesedinyaneng la ditaba o di manamise mona. Palo e nngwe le e nngwe e bolelang?



Teacher: _____

Sign: _____

Date: _____

11 12 13 14 15 16 17 18 19 20

Boleng ba tulo ho fihla ho 99



Ho bontsha dipalo o sebedisa dintho

Re ka bontsha dipalo ka diboloko tsa boleng ba sebaka.

Boloko bo bonyenyane bo emetse 1. Ke yuniti e le nngwe.

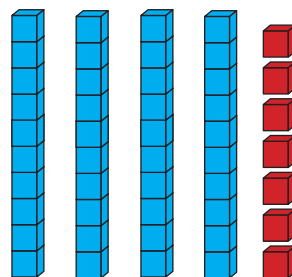
Molamu wa diboloko tse 10 tse nyane o emetse 10.

Ke leshome.

Mashome	Metso

O ka bontsha palo o sebedisa mashome le metso.

Hona ke kamoo o ka bontshang 47.



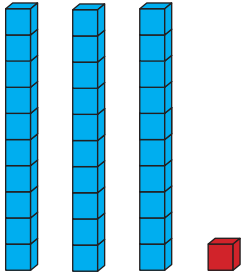
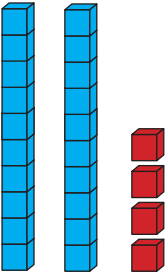
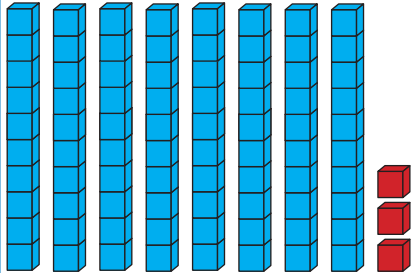
Mashome	Metso
4	7

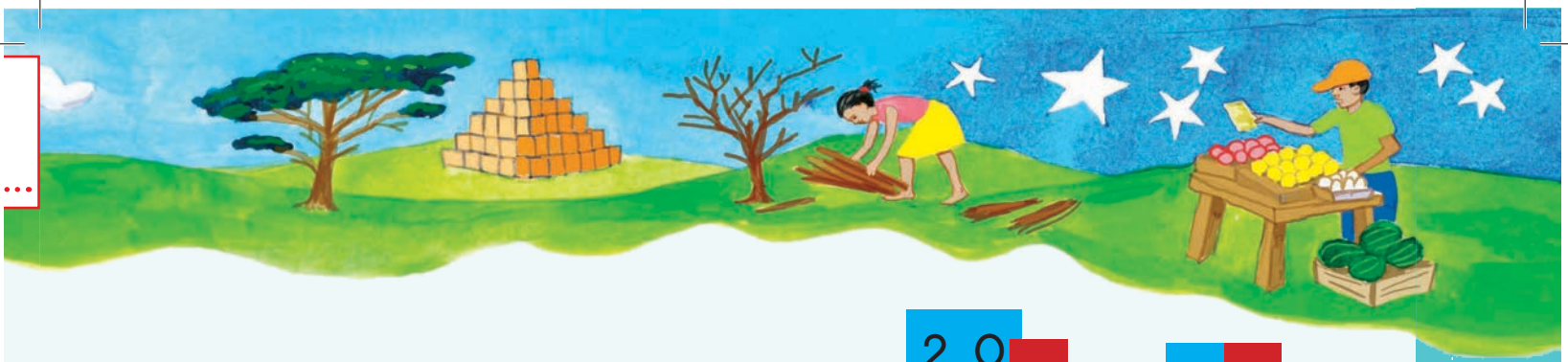
mashome a mane le
metso e supileng
47



Ho ngola palo ka didijiti le mantswe

- a. Ka tlasa setshwantsho, ngola hore ke mashome a makae, le metso e mekae. Ebe o ngola palo ka matshwao le ka mantswe.

											
Mashome		Metso		Mashome		Metso		Mashome		Metso	
3		1									
31											
mashome a mararo le motso o le mong											



206

26

b. Re ka boela ra sebedisa dikarete tsa rona tsa dipalo ho bontsha sena.

Palo	Mashome a makae?	Metso e mekae?	Ngola palo ka mantswe
26	2	6	mashome a mabedi le tshelela
46			
99			



Ke palo ee?

	305 35	<table border="1"> <thead> <tr> <th>Mashome</th> <th>Metso</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>5</td> </tr> </tbody> </table> mashome a mararo a metso e mehlano 35	Mashome	Metso	3	5
Mashome	Metso					
3	5					
		<table border="1"> <thead> <tr> <th>Mashome</th> <th>Metso</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table> _____ _____	Mashome	Metso		
Mashome	Metso					
		<table border="1"> <thead> <tr> <th>Mashome</th> <th>Metso</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table> _____ _____	Mashome	Metso		
Mashome	Metso					



Teacher: _____

Sign: _____

Date: _____

11 12 13 14 15 16 17 18 19 20

19

Letsatsi:

Kotara ya I



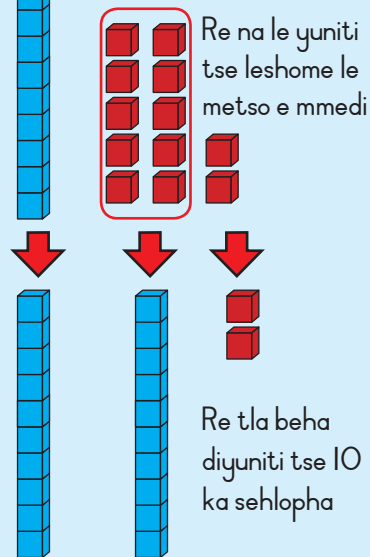
Ho bala

Ho beha mashome mmoho
ha re kopanya ho fihla ho 99

Ke ena tsela e nngwe ya
ho bontsha 22.

Mashome	Metso
1 leshome	12 metso
1 0	1 0 2

Re na le leshome le le leng



Jwale re na le tsela e nngwe ya ho
bontsha 22.

Mashome	Metso
2 leshome	2 metso
2 2	

Ha re kopanyeng $27 + 4$. Diboloko tse bolou ke tseo re qalang ka tsona. Tse kgubedu ke tseo re kopanyang ho tsona.

27 ke mashome a 2 le metso e 7.
Ebe re kopanya metso e 4 hape.

Mashome	Metso
2 Mashome	7 metso + 4 metso
2 0	7 4

Re na le mashome a 2 le metso e 11.

Mashome	Metso
	Re ka bontsha metso e 10 jwalo ka leshome le le leng.
2 0	1 0 1

Jwale re na le mashome a
 $3 + \text{metso le } 1 = 31$

Mashome	Metso
	$\begin{array}{r} \text{---} + \text{---} = \text{---} \\ 3 \quad 1 \end{array}$



Ngola palo ya polelo e bontshitsweng setshwantshong

Mashome	Metso	Mashome	Metso	Mashome	Metso
$10 + 5 + 6$		$\underline{\quad} + \underline{\quad} + \underline{\quad}$		$\underline{\quad} + \underline{\quad} = \underline{\quad}$	

Qetela ditshwantsho. Ngola palo ya polelo e bontshitsweng setshwantshong.

Mashome	Metso	Mashome	Metso	Mashome	Metso

Mashome	Metso	Mashome	Metso	Mashome	Metso



Teacher: _____

Sign: _____

Date: _____

11 12 13 14 15 16 17 18 19 20

20a

Kopanya hodima molapalo

Dula setulo sa hao!

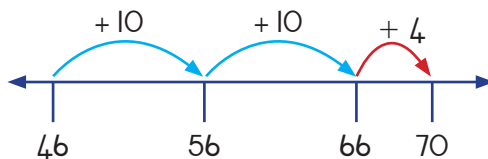
Sekolong sa rona moithuti ka mong o na le setulo sa hae.

Ho na le baithuti ba 46 kereiting ya 3A le ba 24.

Kereiting ya 3B. Re hloka ditulo tse kae bakeng sa diphaposi tse pedi?

Sebetsa le motswalle

Sheba ka moo baithuti ba bararo bana ba sebedisitseng molapalo ho rarolla bothata. Qetela dipalo ka ho sebedisa mohlala.



Sena ke seo ke se etsang: ke qala ka ho kopanya 10. Hona ho ntlisa ho 56.

Ebe ke feta 10 e nngwe ho fihla ho 66. Qetellong, Ke tlola ha 4 ho tsepama ho 70.

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

$$= 56 + 10 + 4$$

$$= 66 + 4$$

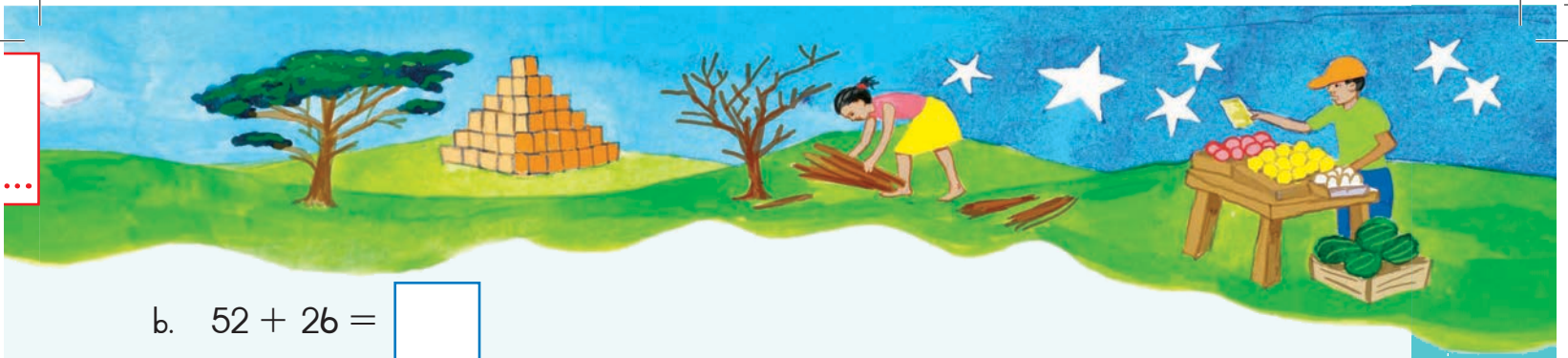
$$= 70$$

Ke lokela ho
kopanya 24
ho 46.



a. $32 + 25 =$





b. $52 + 26 =$

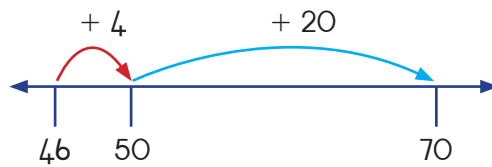
←

→

c. $46 + 25 =$

←

→



Ke lokela ho kopanya 24 ho 46.



Sena ke seo ke se etsang: Ke tla qala ka ho tlola 4. Hona ho tla ntlisa ho 50. Nka tlola 20 ho eta, ho ntlisang ho 70.

$$\begin{aligned}
 &= 40 + 10 + 20 \\
 &= 50 + 20 \\
 &= 70
 \end{aligned}$$

a. $36 + 41 =$

←

→

Teacher:

Sign:

Date:

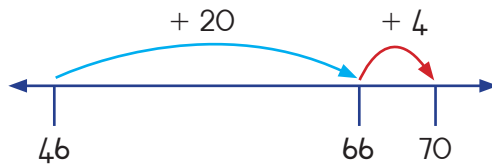
20b

Letsatsi:

Kotara ya I

Kopanya hodima molapalo (e a tswella)

b. $57 + 19 =$



Ke lokela ho kopanya 24 ho 46.



Sena ke seo ke se etsang: Ho tloha ho 46, nka tlola 20. Hona ho ntšisa ho 66. Jwale ke lokela ho tlola 4 ho feta mme ke fihle ho 70.

$$= 46 + 20 + 4$$

$$= 66 + 4$$

$$= 70$$

a. $63 + 24 =$



b. $65 + 29 =$





Ke dilofo tse kae?

Ralebaka o tlisa dilofo tse 54 tsa  a masootho le tse 68 tsa  a masweu. Ke dilofo tse kae kaelela?

- a. Fumana karabo hodima molapalo. Bontsha dipalo le palo ya makgetlo a tlotsweng

- b. Kopanya tse latelang, sebedisa mokgwa o ratwang ke wena wa tshebetso. Bontsha dipalo le bolelele ba ho tlola.

←
→

0
150



Kopanya tse latelang o sa sebedise molapalo.
Sebedisa mokgwa o mong oo o ratang ho o sebedisa.

$$38 + 24 =$$

$$58 + 17 =$$

$$75 + 16 =$$

$$83 + 29 =$$



Teacher:

Sign:

Date:

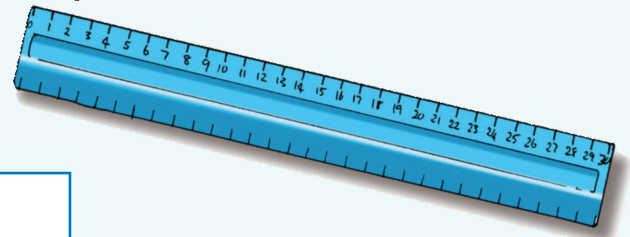
21a

Ho tlosa hodima molapalo

Moithuti a le mong! Rula e le nngwe!

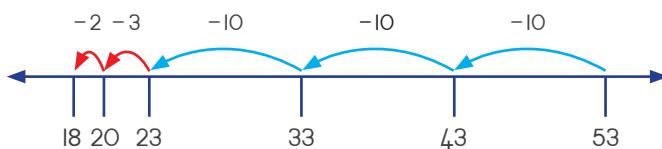
Baithuti ba hloka dirula tse 53. Re na le tse 35 feela.

Re sa ntse re hloka tse kae? $53 - 35 =$



Sebetsa le motswalle

Bala kamoo bana bana ba bararo ba sebedisang molapalo mona. Qetela dipalo ka ho sebedisa mohlala.

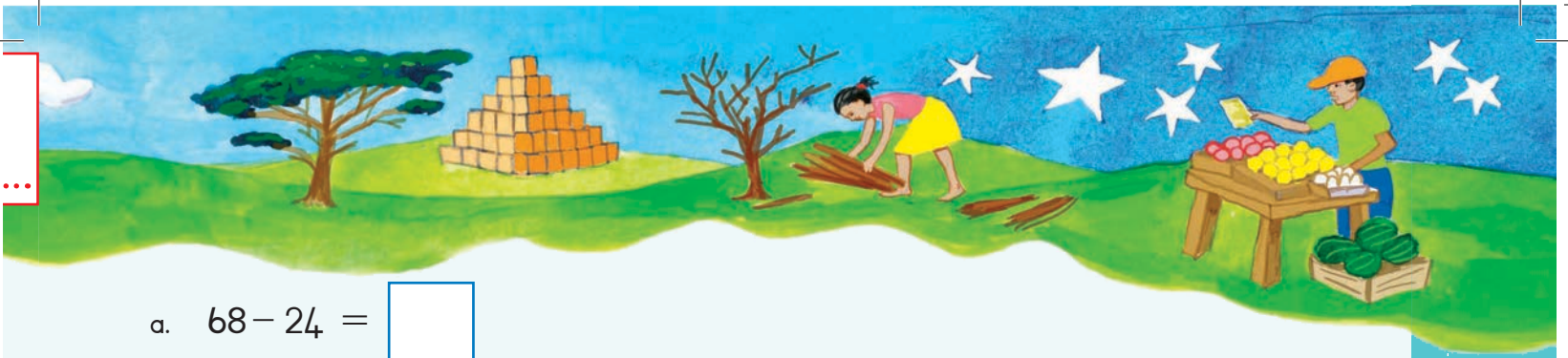


Ke lokela ho tlosa 35 ho 53. Ho tlosa ho bolela ho fokotsa.



Ka hoo, ke tla qala ho 53 ke tlose. Ke tla tlosa 10, 10, 10 – ke fihle ho 23. Jwale ho tlosa hlano, ke qala pele ka ho tlosa 3, ebe ke tla ho 20. Ke tlosa 2 ho feta mme ke fihla ho 18. Ka hoo, re hloka dirula tse 18.

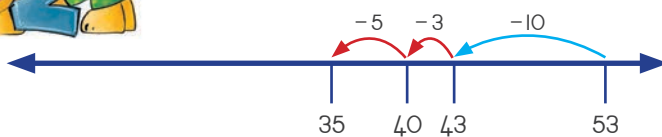
$$\begin{aligned}
 &= 53 - 10 - 10 - 10 - 3 - 2 \\
 &= 43 - 10 - 10 - 3 - 2 \\
 &= 33 - 10 - 3 - 2 \\
 &= 23 - 3 - 2 \\
 &= 20 - 2 \\
 &= 18
 \end{aligned}$$



a. $68 - 24 =$

b. $74 - 38 =$

c. $92 - 87 =$



Ho tlosa ho bolela
ho fumana **phapang**
mahareng a 53 le 35.



Ke tla qala ho 53 mme ke bale ke **kgutlela morao** ho ya ho 35 ho **fumana** **phapang**. Ha ke bala ke **kgutlela morao** ka 10, ke fihla ho 43. Nka bala 3 ho feta ho fihla ho 40. Jwale ke bala 5 ho feta ke **kgutlela morao** ho fihla ho 35. 10 kopanya le 3 kopanya le hlano ke **18**. Ka hoo re hloka dirula tse ding tse 18.

a. $38 - 14 =$



Teacher:

Sign:

Date:

21b

Letsatsi:

Kotara ya I

Ho tlosa hodima molapalo (e a tswella)

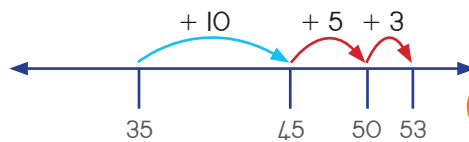
b. $65 - 43 =$



c. $72 - 39 =$



d. $85 - 48 =$



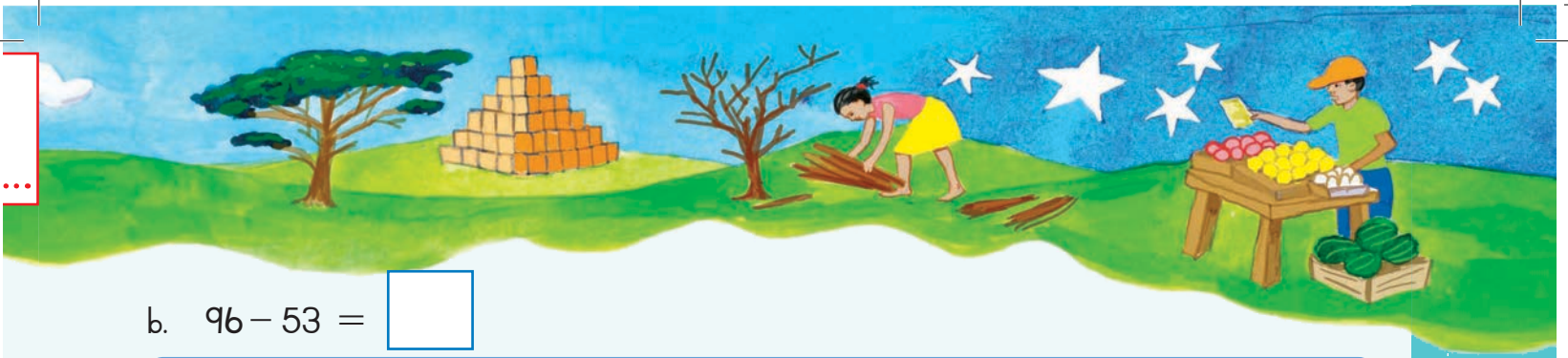
Nka qala ho 35 ho bona hore ke tlola makgetlo a makae **ho bala ho fihla** ho 53.



Nka qala ho 35 ho bona hore ho nkuka ho tlola hakae **ho bala ho fihla** ho 53. Leshome kopanya le hlano kopanya le tharo ke 18. Re hloka dirula tse 18 ka hodimo.

a. $84 - 32 =$





b. $96 - 53 =$

c. $78 - 19 =$

d. $63 - 47 =$



Ho tsamaya ka tekisi

Leeto ka tekisi ho ya toropong ke 65 km.

Ho fihlela jwale tekisi e se tsamaile 38 km.

Ho sa setse hore e tsamaye bohole bo bokae?

Sebedisa molapalo ho rarolla bothata bona. O ka tlosa, wa balla pele, kapa wa kgutlela morao. Leibola makgetlo a ho tlola le dipalo hodima molapalo



km



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Date: _____

11 12 13 14 15 16 17 18 19 20

Ke nako ya ho keteka



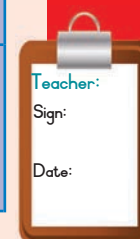
Ditokisetso tsa pele!

Busi o kopa metswalle ya hae hore e fane ka lenane la dijo tseo ba di ratang. Sena ke seo a se bokeletseng. Thusa ho di hlophisa.



Bala le ho ngola hore ke metswalle e mekae e kgethang mofuta ka mong wa dijo.

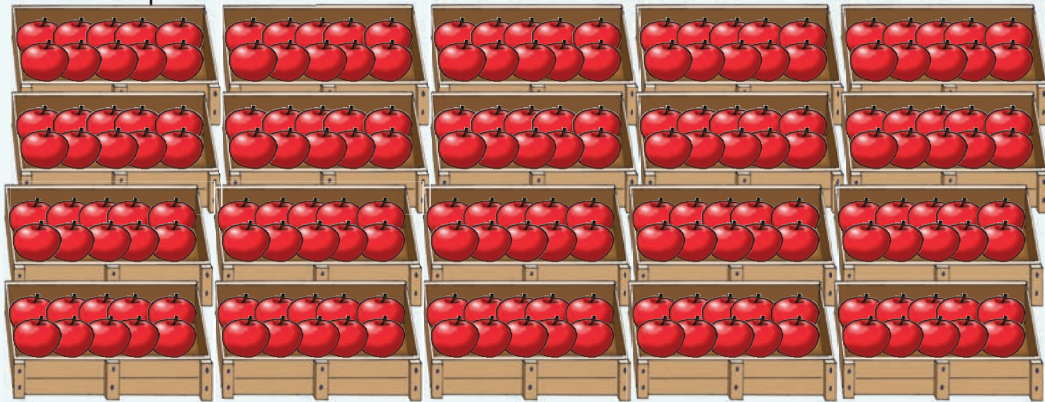
				
Palo				

[illegible]

Bala ho fihla ho 200



O bona diapole tse kae?



Tlatsa ka dipalo

Lebokose le 1 le na le apole e le 1

Mola o na le diapole

Mola o le 1 ho na le mabokose a 4

Mola o na le diapole



Re ka pakela diapole tse kae ka hara mabokose ana?

a. 

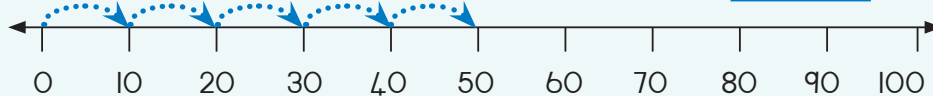
b. 

c. 

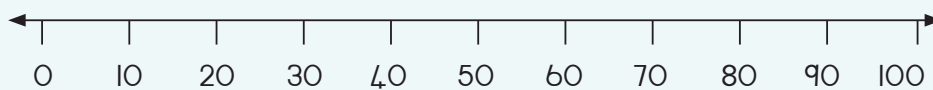


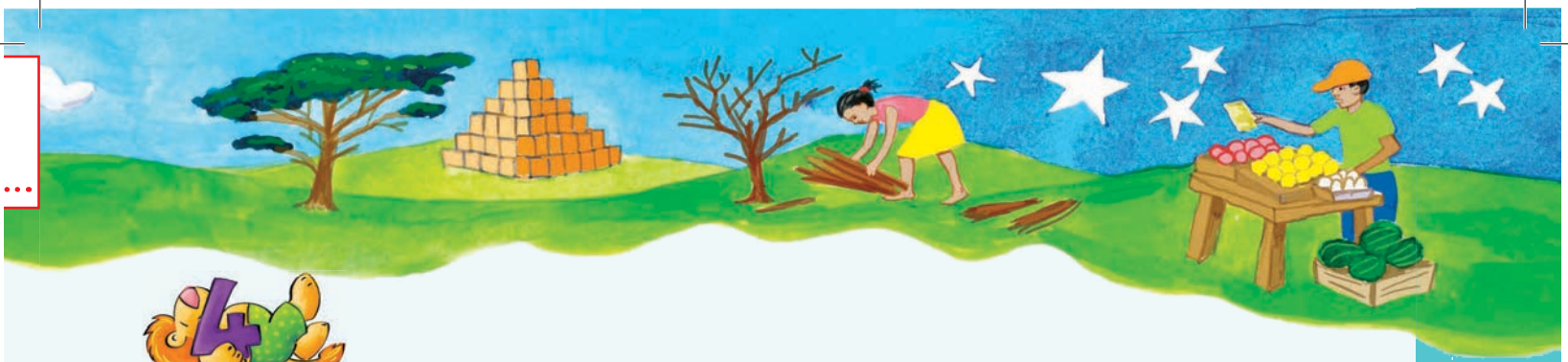
Bala hodima molapalo.

a. Ho tla ba le diapole tse kae ka mabokoseng a mahlano?



b. Ho tla ba le diapole tse kae ka mabokoseng a supileng?





Diqujwana tse 3 tsa 10 di etsa **3 0** $3 \times 10 =$ **3 0** kapa $10 \times 3 =$ **3 0**

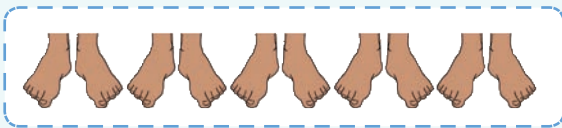
Diqujwana tse 5
tsa 10 di etsa $\times$ = kapa $\times$ =

Diqujwana tse 2
tsa 10 di etsa $\times$ = kapa $\times$ =



Dipara tse 5 tsa maoto.

Ho na le menwana e mekae kaofela?



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

kapa $10 \times 5 =$

Jwale etsa tsena

Dipara tse 4 tsa maoto. Ho na le menwana e mekae kaofela?

= $\times$ = kapa $\times$ =

Dipara tse 9 tsa maoto. Ho na le menwana e mekae kaofela?

= $\times$ = kapa $\times$ =



Ha re bale.

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

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



Ikwetlise ka bo 5



Ke ditlhapi tse kae? Lekanya



Jwale bala ditlhapi. Fumana hore di kae kaofela.



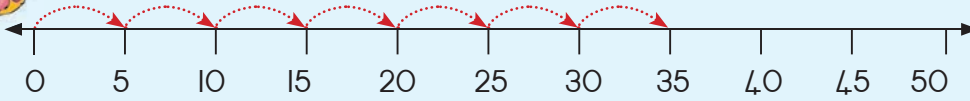
Bala ka bo 5

Fumana palo yohle ya mahe a tlhapi. Ngola palo ya polelo ya + le $\times$.
Re o etseditse ya pele.

Tlhapi le mahe	Ke mahe a makae kaofela?	
Tlhapi tse 5, di behela mahe a 2	$2 + 2 + 2 + 2 + 2 = 10$	$5 \times 2 = 10$
Tlhapi tse 5, di behela mahe a 10		
Tlhapi tse 5, di behela mahe a 4		
Tlhapi tse 5, di behela mahe a 3		
Tlhapi tse 5, di behela mahe a 6		
Tlhapi tse 5, di behela mahe a 8		
Tlhapi tse 5, di behela mahe a 5		



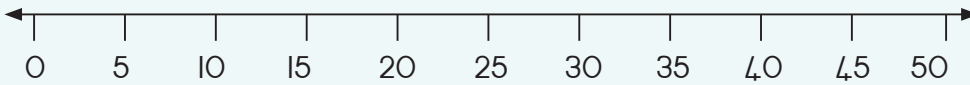
Qetela dipalo tsa polelo le melapalo.



$$5 + 5 + 5 + 5 + 5 + 5 + 5 = 35$$

$$\text{kapa } 7 \times 5 = 35$$

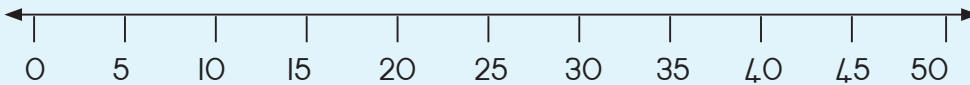
a.



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

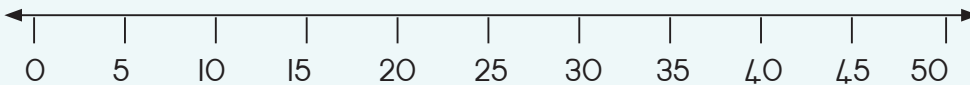
$$\text{kapa } \boxed{} \times \boxed{} = \boxed{}$$

b.



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

c.



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



Tshwasa tlhapi

Sipho o tshwasa ditlhapi tse pakeng tsa 40 le 50. O di bala ka bo 2 mme ho sala e le 1.

O di bala ka bo 5 mme ho sala tse 2. Sipho o tshwasitse ditlhapi tse kae? $\boxed{}$

Teacher: _____
Sign: _____
Date: _____

25a

Letsatsi:

Kotara ya I



Palo ya dikausi

Bala ka bo 2



a. Ke dipara tse kae tsa dikausu? _____

b. Ke dikausu tse kae tse teng? _____

c. Na ho na le dikausi tse setseng? _____



Ho bala dipara tsa dikausi

Ngola hore ke dipara tse kae tsa dikausu tse teng mme o bolele hore ebe ho na le tse setseng.

Dikausu	Palo ya dipara	Palo ya dikausi	Dikausi tse tsamayang di le ding tse setseng



Teacher:

Sign:

Date:

25b

Letsatsi:

Kotara ya I



Ho bala ka bo 2 (ho ntshetswa pele)

Ho bopa dipara.

Ngola fatshe dipalo tse arolehang le tse sa aroleheng ka pedi ho tloha ho 1 – 60.

a. Ngola dipalo tse arolehang ka pedi ho tloha ho 1 – 60.

2, 4, 6,

b. Ngola dipalo tse sa aroleheng ka pedi ho tloha ho 1 – 60.

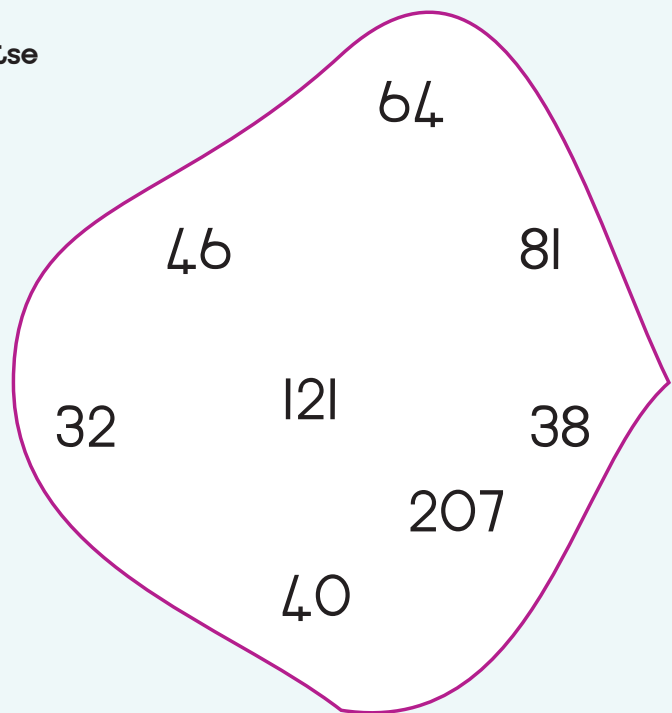
3, 5, 7,

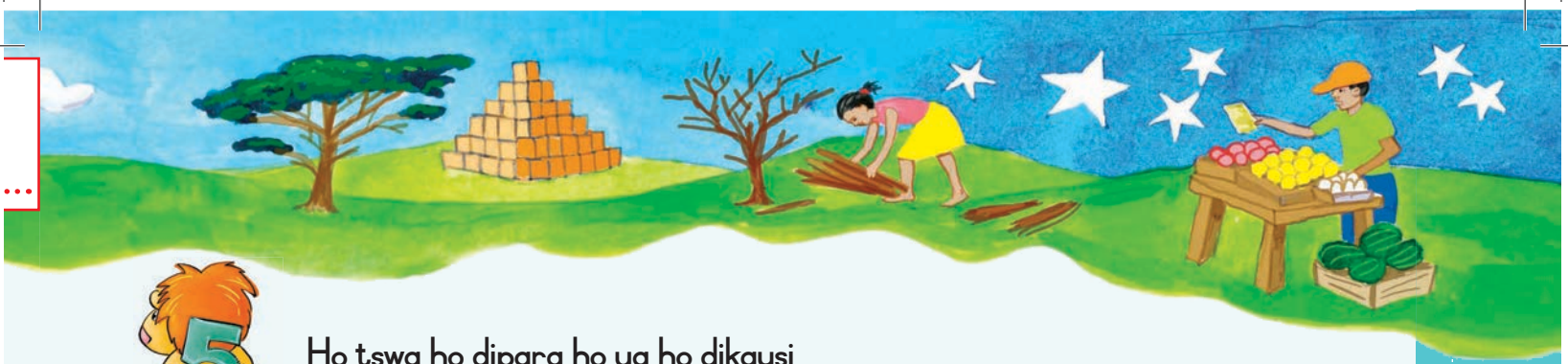


Tse sa aroleheng ka pedi le tse arolehang ka pedi

Etsa sedikadikwe ho potoloha dipalo tse arolehang ka pedi.

Etsa sekwere ho potoloha dipalo tse sa aroleheng ka pedi.





Ho tswa ho dipara ho ya ho dikausi

Mohlala:

Dikausi tse 2 = para e le 1



$$2 \times 1 = 2$$

Dikausi tse 20 = dipara tse 10

$$2 \times 10 = 20$$

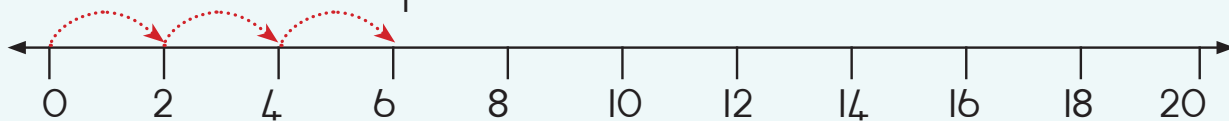
a. Ngola hore ke dikausu tse kae?

Nahana ka bo 2	Palo ya polelo
e le 1 = dikausu tse 2	$1 \times 2 = 2$
tse 2 = dikausu tse ____	$2 \times 2 = \square$
tse 4 = dikausu tse ____	
tse 8 = dikausu tse ____	
tse 9 = dikausu tse ____	

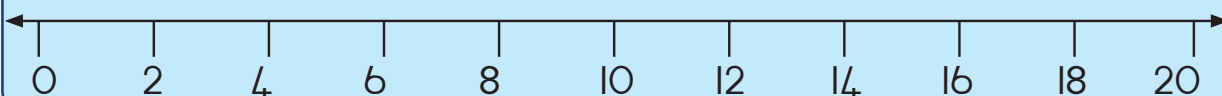
b. Bontsha palo hodima molapalo mme o e getele.

Mohlala:

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



$$2 + 2 + 2 + 2 + 2 + 2 + 2 = \square \text{ kapa } \square \times \square = \square$$



11 12 13 14 15 16 17 18 19 20



Tjhelete mehleng eo le mehleng ya jwale

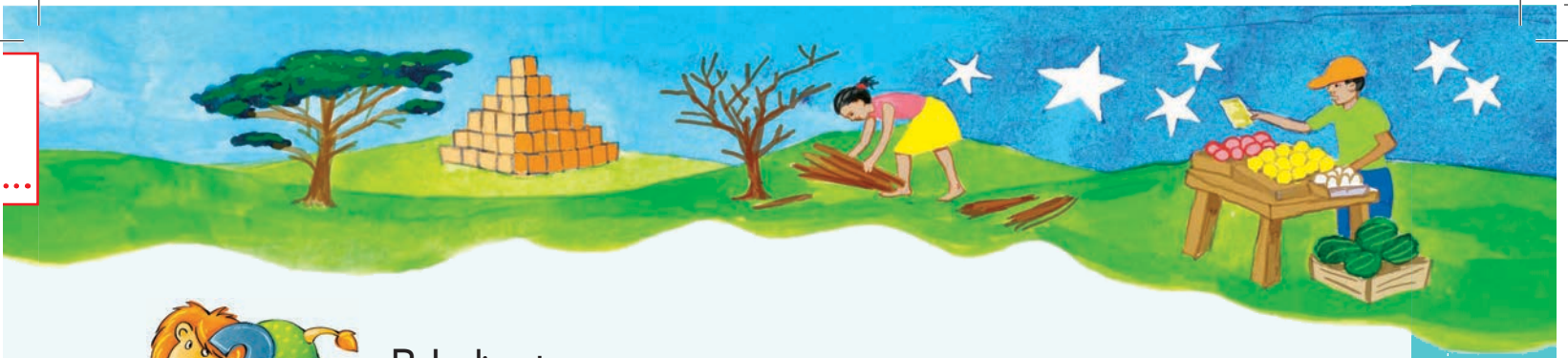
Pale ya tjhelete ya rona

Arika Borwa re sebedisa diranta le disente jwalo ka tjhelete ya rona.

Re qadile ho sebedisa diranta le disente ka 1961.

Matsatsing ao I sente ya tshepe e ne e le e nyenyane ka ho fetisisa, ho latele disente tse 2 le disente tse 5.





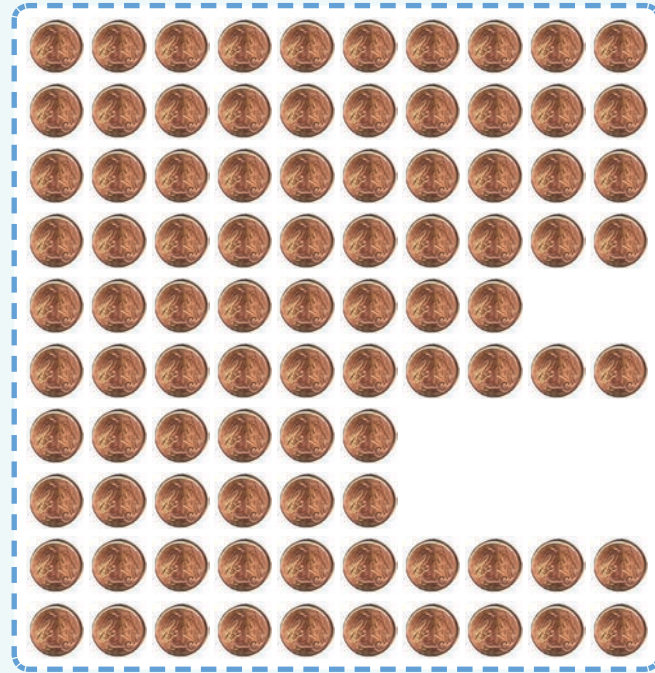
Bala disente

Bala sente e le l.

Ho na le disente tse kae?

O hloka tse kae tse ding ho etsa R1,00?

Di rale ka hara boloko.



Disente di kae?

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



Nka reka ditholwana tsa bokae?



2 di bitsa R4,00.

Ke dipanana tse kae tsa R20,00?



2 di bitsa R2,00.

Ke diapole tse kae tsa R9,00?



Teacher:

Sign:

Date:

Bala ka bo 3



Mabidi ka bo 3

baesekele e le I ya maoto a mararo e na le mabidi a ____.



Dibaesekele tse 5 tsa maoto a mararo di na le mabidi a ____

$$3 + 3 + 3 + 3 + 3 = 5 \times 3 = \underline{\hspace{2cm}}$$

Dibaesekele tse 2 tsa maoto a mararo di na le mabidi a ____

$$3 + 3 = 2 \times 3 = \underline{\hspace{2cm}}$$

Dibaesekele tse 4 tsa maoto a mararo di na le mabidi a ____

Dibaesekele tse 6 tsa maoto a mararo di na le mabidi a ____

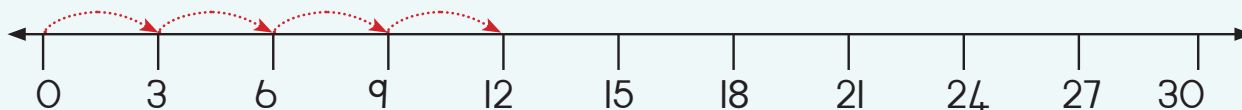
Dibaesekele tse 9 tsa maoto a mararo di na le mabidi a ____

Dibaesekele tse 8 tsa maoto a mararo di na le mabidi a ____

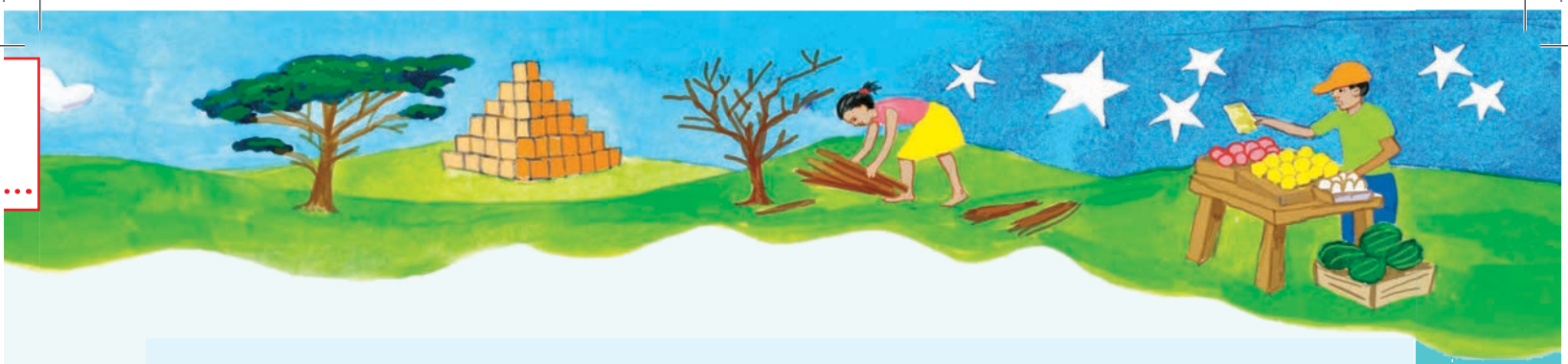


Melapalo

Latela mohlala.



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



b.

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

c.

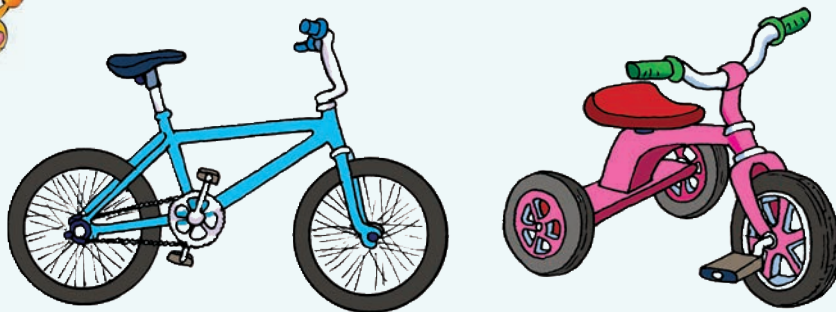
$$\underline{\hspace{2cm}} = \boxed{} = 6 \times 3 = \boxed{}$$

d.

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



Dibaesekele tsa mabidi a mabedi le dibaesekele tsa mabidi a mararo



Lebenkeleng la Busi o bala mabidi a dibaesekele le a dibaesekele tsa mabidi a mabedi tsa mabidi a mararo. Ke mabidi a 14 kaofela mmoho.

Ho na le dibaesekele tse kae? _____

Ho na le dibaesekele tsa mabidi a mararo tse kae? _____



Ke eng e nang le a 4?



Maoto a mane

Tse ding tsa dintlha tsa bo 4 ...
 $4 + 4 = 8$; $2 \times 4 = 8$



Dikgomo di na le maoto a mane.

Ke eng hape e nang le maoto a mane? _____

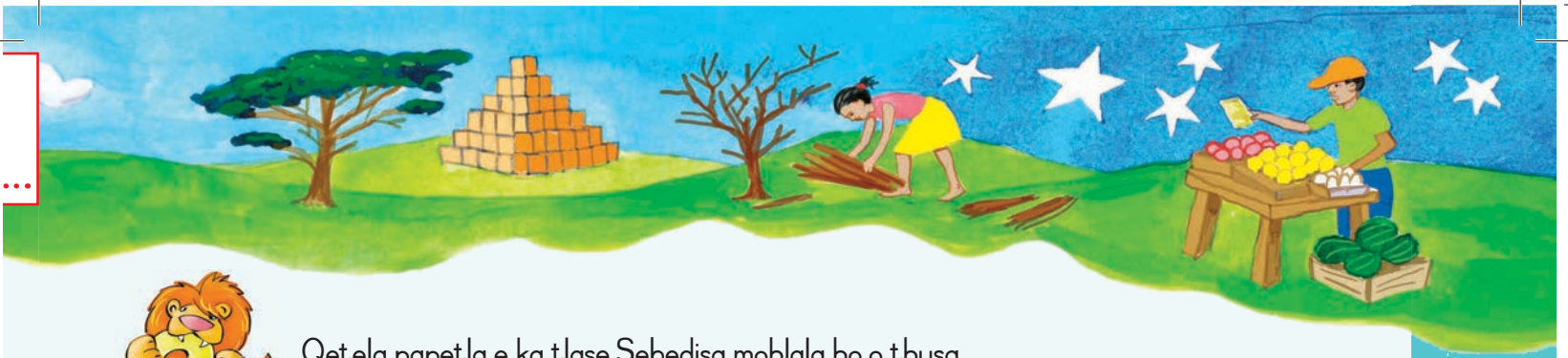


Bala maoto

Arolelanang dikarabo.
 Hlalosa seo o se entseng.

Sebedisa dintlha tseo o di tsebang ka 4 ho araba dipotso tsena:

e le 1 maoto a 4	dikgomo tse 2 maoto a 8
tse 3 maoto a	dikgomo tse 4 maoto a
tse 5 maoto a	dikgomo tse 6 maoto a
tse 7 maoto a	dikgomo tse 8 maoto a
tse 9 maoto a	dikgomo tse 10 maoto a



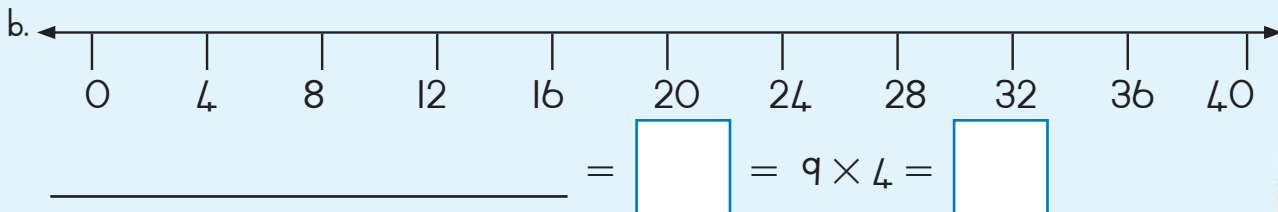
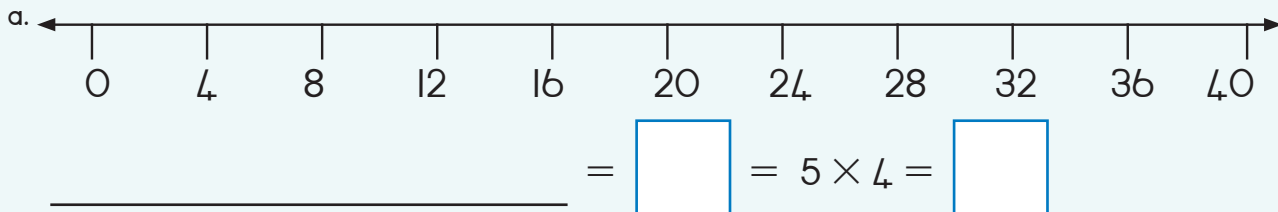
Qetela papetla e ka tlase. Sebedisa mohlala ho o thusa.

Dikgomo tse 3 di na le maoto a _____	$4 + 4 + 4 = 3 \times 4 = \underline{12}$
Dikgomo tse 5 di na le maoto a _____	
Dikgomo tse 4 di na le maoto a _____	
Dikgomo tse 7 di na le maoto a _____	
Dikgomo tse 8 di na le maoto a _____	



Melapalo

Bontsha palo ya katiso hodima palomola mme o qetelle.





Kiriti ya dipaterone

Ke paterone efe ya dipalo e bontshwang ke didikadikwe tse kiring ka nngwe ya 100?

Rala didikadikwe tse ngata ho ho qetella paterone ka nngwe.

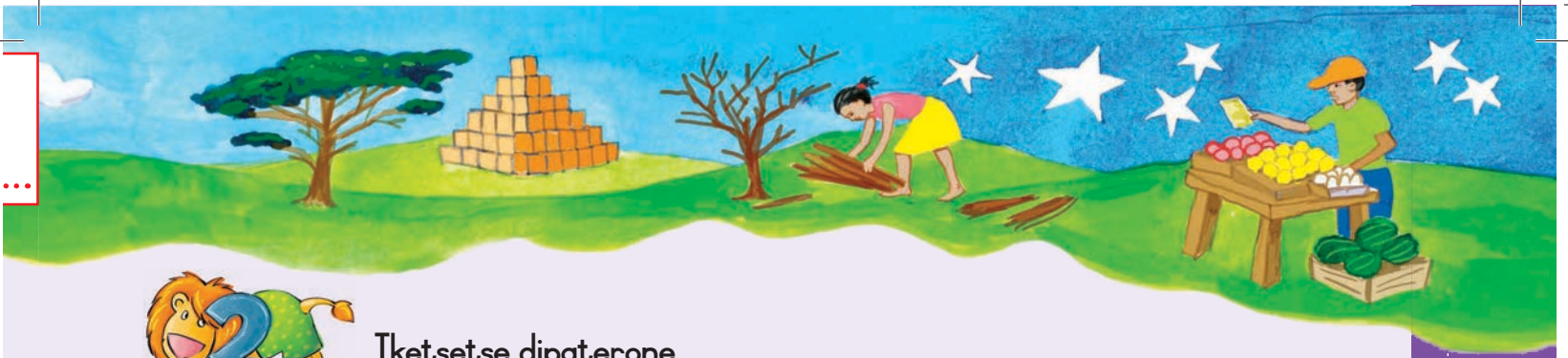
Ngola lebitso lapaterone e nngwe le e nngwe.

a. Paterone: _____

b. Paterone: _____

c. Paterone: _____

d. Paterone: _____

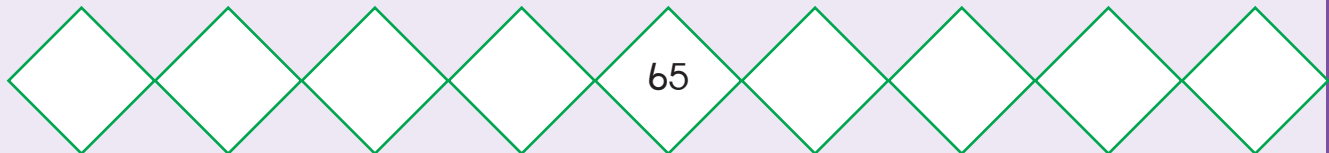


Iketsetse dipaterone

- a. Pateroneng ena ya dipalo, dipalo tsohle di aroleha ka pedi.
Ebe dipalo tse ding e ka ba dife? Di ngole fatshe.



- b. Pateroneng ena ya dipalo, dipalo tsohle ke tse sa aroleheng ka pedi. Ebe dipalo tse ding e ka ba die?
Di ngole atshe.



Di wela kae?



Paterone ya bo 3 le bo 4	Paterone ya bo 3 le bo 5	Paterone ya bo 4 le bo 5
mohl. 48		



Lewatleng

Thembi o bokella dikgetla tse pakeng tsa 60 le 70.

O di bala ka bo 3, o ba le e le salang.

Dinomoro tseo e ka nnang ya eba tsona ke: 61, _____, _____, 70.

Ha a di bala ka bo 5, o sallwa ke 4.

Dinomoro tseo e ka nnang ya eba tsona ke: _____, _____.

Thembi o na le dikhaketla tse kae? _____.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

30a

Letsatsi:

Ho arola

Kotara ya I



Arola dipompong:



a. Arolela bana ba 2 dipompong tse 30.



Re ka e ngola e le

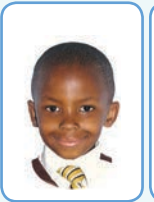
$$30 \div 2 = 15$$

b. Arola dipompong mahareng a bana ba 3.



$$\div =$$

c. Arolela bana ba 5 dipompong.



$$\div =$$



Re ka sebedisa diboloko tsa dipalo ho arola.

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

Jwale etsa tsena.

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

Letsatsi:

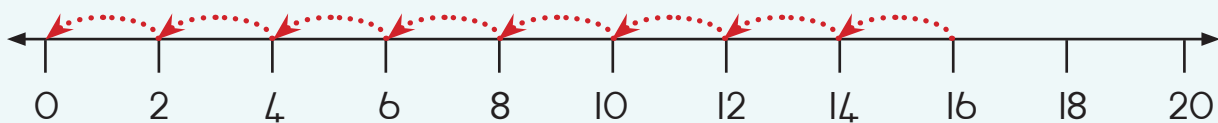
Kotara ya I

Ho arola (e a tswella)



Sebedisa melapalo ho ngola dipalo tsa ho tlosa le tsa ho kopanya.

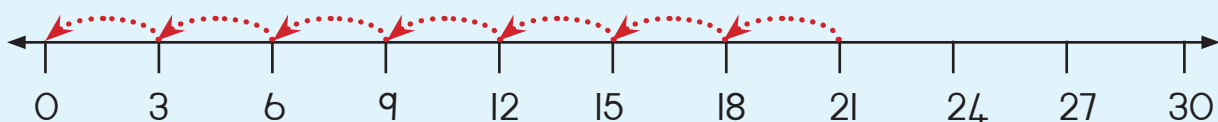
Mohlala:



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

$$16 \div 2 = 8$$

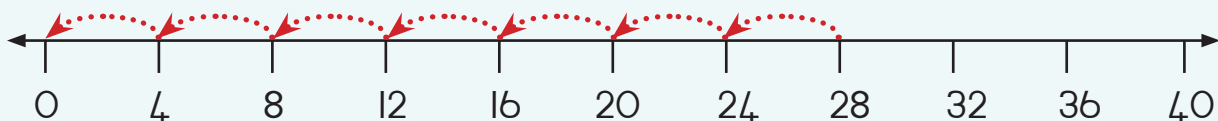
a.



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

$$\boxed{\hspace{1cm}} \div \boxed{\hspace{1cm}} =$$

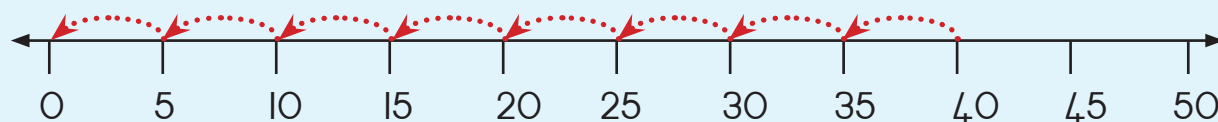
b.



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

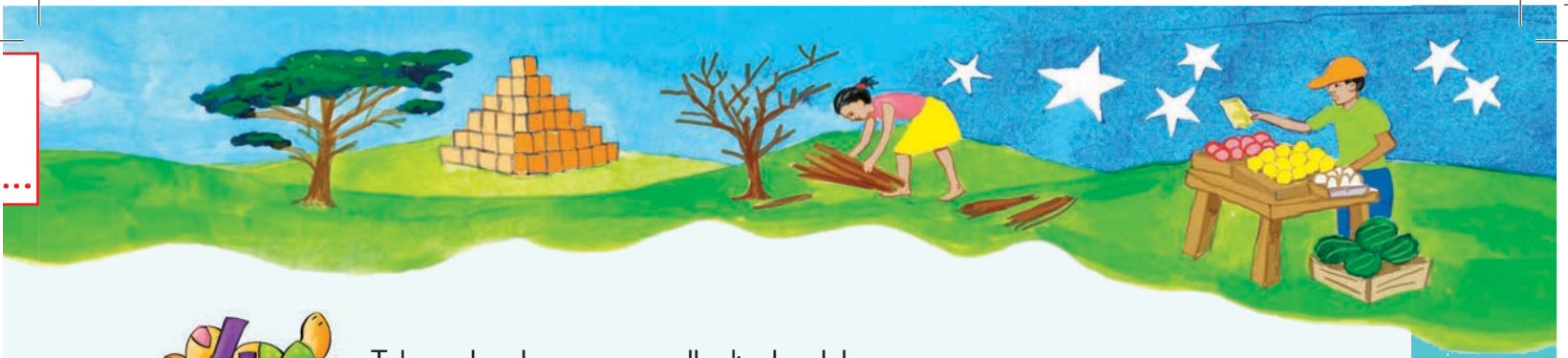
$$\boxed{\hspace{1cm}} \div \boxed{\hspace{1cm}} =$$

c.



$$\underline{\hspace{1cm}} - \underline{\hspace{1cm}} =$$

$$\boxed{\hspace{1cm}} \div \boxed{\hspace{1cm}} =$$



Taka molapalo mme o rarolle dipalopolelo.

a. $30 \div 5 =$



b. $22 \div 2 =$



c. $27 \div 3 =$



d. $32 \div 4 =$



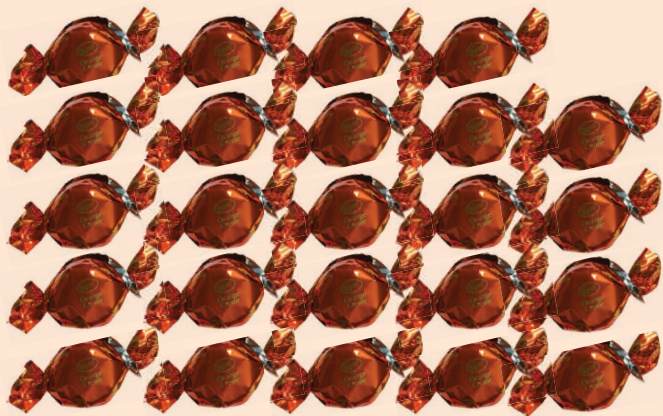
e. $25 \div 5 =$



Phephetso

Bontsha mekgwa yohle eo o ka e sebedisang ho arolela dihlopha tsa bana tse fapaneng dipompong tse 24 ka ho lekana.

Ngola palo ya polelo ho bontsha karabo ya hao.



Teacher: _____
Sign: _____
Date: _____

31

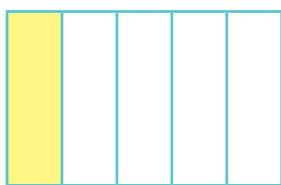
Letsatsi:

Dikarolwana

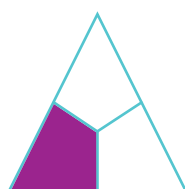
Kotara ya I



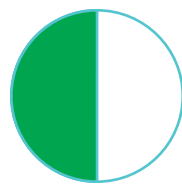
Thala mela ho bapisa sebopelo le karolwana.

Karolwana
ya boraro

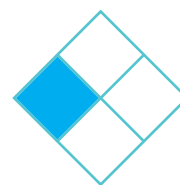
$$\frac{1}{3}$$

Karolwana
ya bohlanano

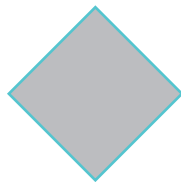
$$\frac{1}{5}$$

Kotara e le
nngwe

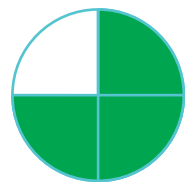
$$\frac{1}{4}$$

Halofo e
le nngwe

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

Dikotara
tse tharo

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

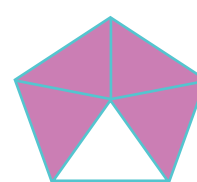
Karolwana ya
bone bohlanong

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



E feletseng

$$1$$

Karolwana ya
bobedi borarong

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

Arola o nto tlotsa ka mmala.

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

Halofo e le nngwe

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

Karolwana ya boraro

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

Kotara e le nngwe

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

Karolwana ya bohlanano

Bontsha karolwana ka ho taka mola nomorong e nepahetseng ya dipompong.

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

Halofo e le nngwe

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

Karolwana ya
boraro

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

Kotara e le
nngwe

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

Karolwana ya
bohlanano



Arolela bana ba babedi dibadi.

<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 fumana dikarolwana tse 2 motho ka mong. • Halofo ya dikhaontara tse 4. ke 2.	• Re fumana dikarolwana tse ____ motho ka mong. • ____ ya dibadi tse ____ ke ____.	• Re fumana dikarolwana tse ____ motho ka mong. • ____ ya dibadi tse ____ ke ____.	• Re fumana dikarolwana tse ____ motho ka mong. • ____ ya dibadi tse ____ ke ____.																
4 ÷ 2 = 2	____ ÷ ____ = ____	____ ÷ ____ = ____	____ ÷ ____ = ____																



Arolela bana dipompong.

 <table border="1" data-bbox="335 1442 699 1632"><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 1442 1352 1632"><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table>						
															
															
• Kotara dipompong = 3 • Pedikotareng dipompong = _____ • Tharokotareng dipompong = _____ • Nnekotareng dipompong = _____	• Karolo ya boraro dipompong = ____ • Pediborarong dipompong = ____ • Tharoborarong dipompong = ____														



32

Letsatsi:

Kotara ya l



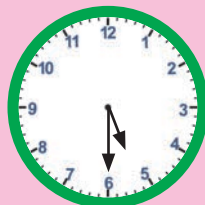
Ho potoloha jwalo ka tshupanako

Re ka ngola nako e le nngwe ka tsela tse fapaneng.



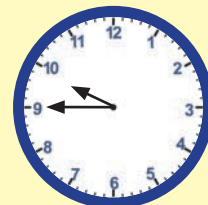
2:15

kotara kamora hora ya bobedi.



5:30

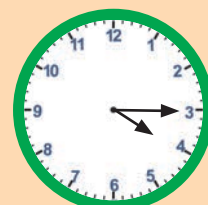
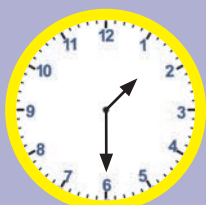
halofa kamora hora ya bohlano.

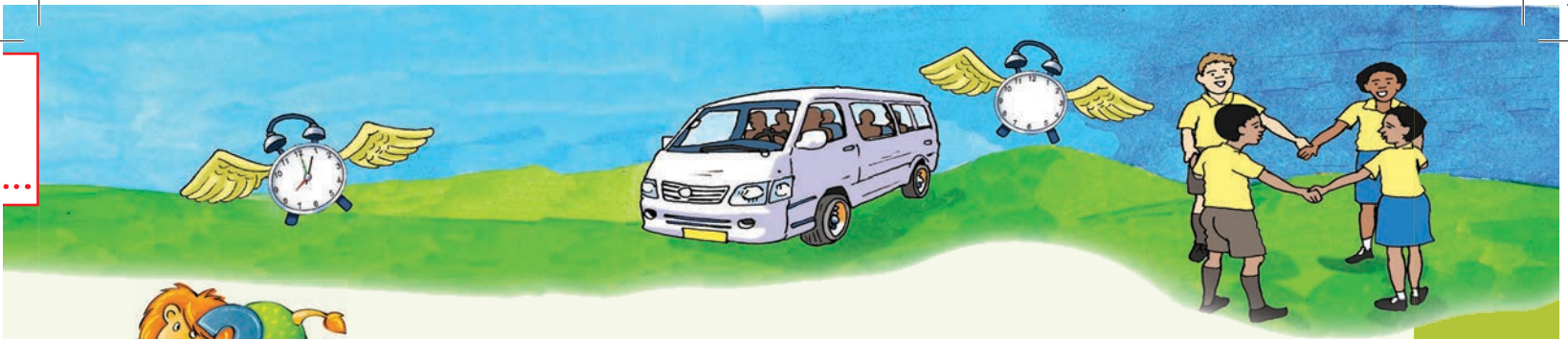


9:45

metsotso e leshome le metso e mehlano pele ho hora ya leshome

Ngola tse latelang ka ditsela tse fapaneng.





Re ya hae

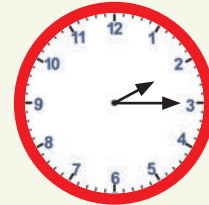
Ben o nka nako e kae ho fihla hae?

metsotso

dihora



Ben o tloha sekolong.



Ben o fihla hae.



Nako e a fofa

Nako ka bo 2 ...



Ke tse kae ...

metsotso ka dihora tse 2? _____

dihora ka matsatsi a 2? _____

matsatsi ka beke tse 2? _____

dikgwedi ka dilemo tse 2? _____



Ke matsatsi a makae?

La 27 Mmesa ke Letsatsi la Tokoloho.

La 16 Phupjane ke Letsatsi la Batjha.

- Ho tloha ho Letsatsi la Tokoloho ho ya ho Letsatsi la Batjha ho na le dikgwedi tse _____ kaofela, dibeke tse _____ kaofela le matsatsi a _____.
- Ke dibeke tse kae kaofela? _____ Ho sala matsatsi a makae? _____. Ke matsatsi a _____?
- Letsatsi la tswalo la Lebo ke matsatsi a 7 pele ho Letsatsi la Tokoloho.

Letsatsi la tswalo la Musa ke matsatsi a mabedi kamora Letsatsi la Batjha.

Ke mang ya moholwanyane? _____ Ka matsatsi a makae? _____

M	L	L	L	M	S
1	2	3	4	5	6
8	9	10	11	12	13
15	16	17	18	19	20
22	23	24	25	26	27
29	30				

M	L	L	L	M	S
	1	2	3	4	5
6	7	8	9	10	11
13	14	15	16	17	18
20	21	22	23	24	25
27	28	29	30	31	

M	L	L	L	M	S
				1	2
3	4	5	6	7	8
10	11	12	13	14	15
17	18	19	20	21	22
24	25	26	27	28	29

Lekola. Bapisa.
Lokisa diphoso.

Teacher: _____

Sign: _____

Date: _____

11 12 13 14 15 16 17 18 19 20

33

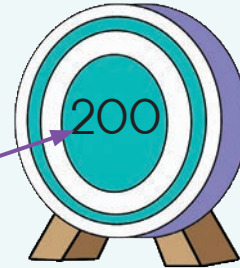
Palo e lebeletsweng ya 200



Ho bala dipalo

Bala mme o bolele dipalo tsohle ho tloha ho 101 ho isa ho 200.

Supa ha o ntse o tswela pele.



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



Ho ngola dipalo

- Ngola palo e siilweng sekwereng se seng le se seng se bolou.
- Ngola dipalo tsohle.
- Ngola dipalo tse 10 tse hlahang kamora 200.

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



Ngola dipalo tse siilweng?

a.

200		180			
					110
50					
					0

b.

87		107	
167			
		207	
			237



Qetela

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

Ngola dipalo ka tatelano ho tloha ho tse nyenyane haholo ho fihla ho tse kgolo haholo.



Ho bala ho tloha ho 100

Sebetsa hore o hloka eng ho fumana palo e latelang.

Qala

100	→ +25 →	125	→		→	129	→		→	138

Qetela

168	←		←	157	←		←	151	←		←	145

Teacher: _____

Sign: _____

Date: _____

Ho sebeta ka dihlopha tsa dipalo



Ho pakela dikerese

MaNkosi o sebeta faboriking ya dikerese.

Ha dikerese di se di lokile, o di paka ka mokgwa o kang ona ka diterei hodima diraka.



Ke dikerese tse kae ka hara lebokose le le leng? _____

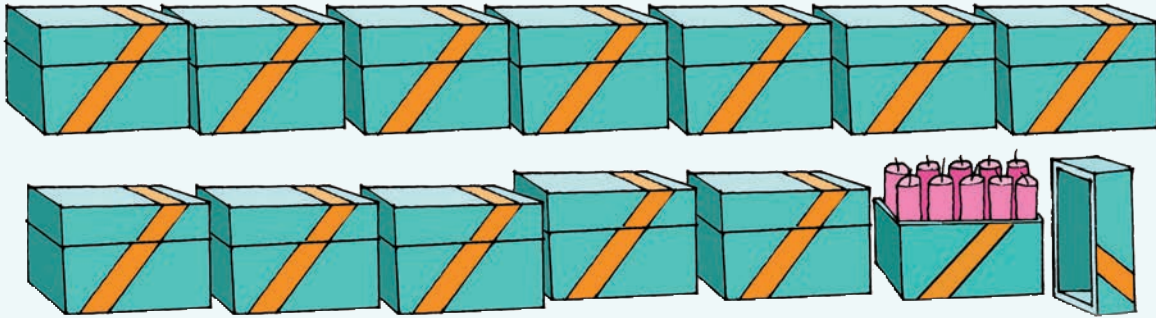
Ke mabokose a makae rakeng ka nngwe? _____

Ho na le dikerese tse kae rakeng e nngwe le e nngwe? _____



Mabokose a dikerese

MaNkosi o kwahela a mang a mabokose.



a. Bala mabokose kaofela.

A makae? _____

Dikerese di kae kaofela? _____

O hloka ho tlatsha mabokose a makae hape hore a be le dikerese tse 200? _____

b. Ke dikerese tse kae ka hara ...

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

c. O hloka mabokose a makae hore a:

40  _____ mabokose	70  _____ mabokose
50  _____ mabokose	30  _____ mabokose



35a

Letsatsi:

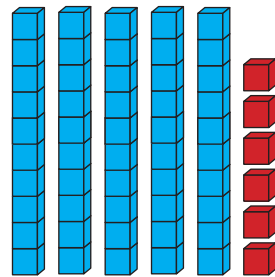
Kotara ya 2



Ho beha mashome mmoho
le ho a arohanya

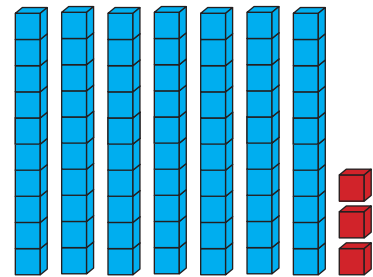
Ho beha mashome mmoho ha re kopanya ho fihlela ho 999

Ha re kopanyeng
 $56 + 73 =$



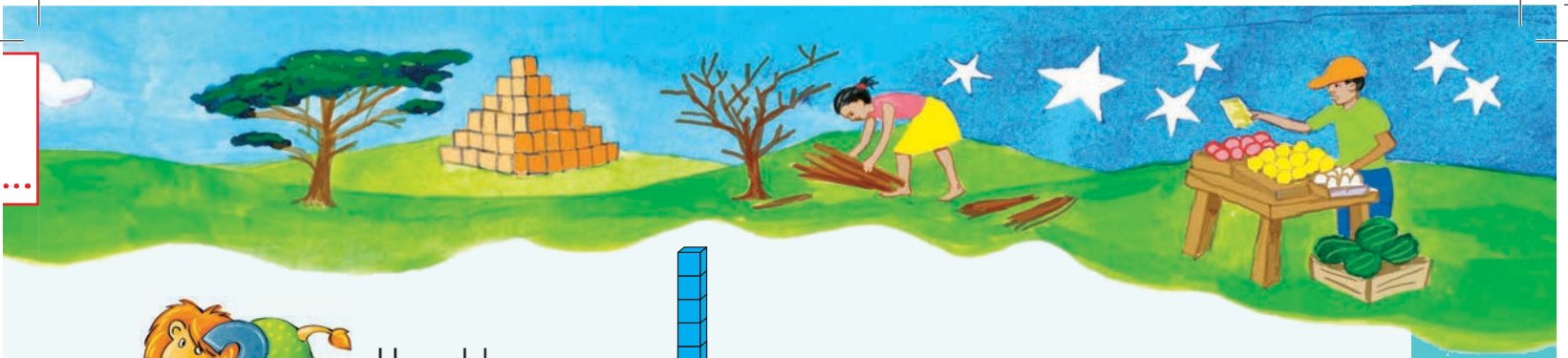
mashome a 5 le metso e 6

+



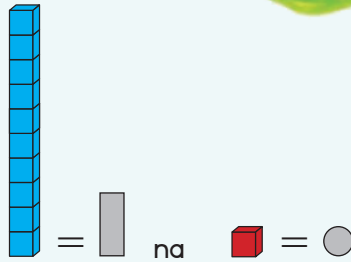
mashome a 7 le metso e 3

100s	10s	1s
Mmoho re na le mashome a 12. Re ka beha mashome a 10 mmoho ho etsa lekgolo le le 1.		



Ha re leke.

Mohlala: $82 + 34$



$$100 + 20 + 6 = 126$$

a. $65 + 52$

b. $76 + 63$

c. $86 + 65$



11 12 13 14 15 16 17 18 19 20

35b

Letsatsi:

Ho beha mashome mmoho le ho a arohanya (e a tswella)



Beha dihlopha mmoho

Sebedisa diboloko tsa hao tsa boleng ba tulo.

Sebedisa diboloko tsa boleng ba tulo ho etsa dipalo tse pedi tsena.	Ke mashome a makae? Ke metso e mekae?	O hlophisitse mashome kapa metso? Lekola boleng ba tulo moo o hlophisitseng hape.	Ngola palo.
$23 + 99 =$	mashome a ____ metso e ____	mashome a 11 + leshome le 12 $= 110 + 12$	122
$38 + 25 =$	mashome a ____ metso e ____		
$77 + 31 =$	mashome a ____ metso e ____		
$68 + 45 =$	mashome a ____ metso e ____		
$83 + 47 =$	mashome a ____ metso e ____		



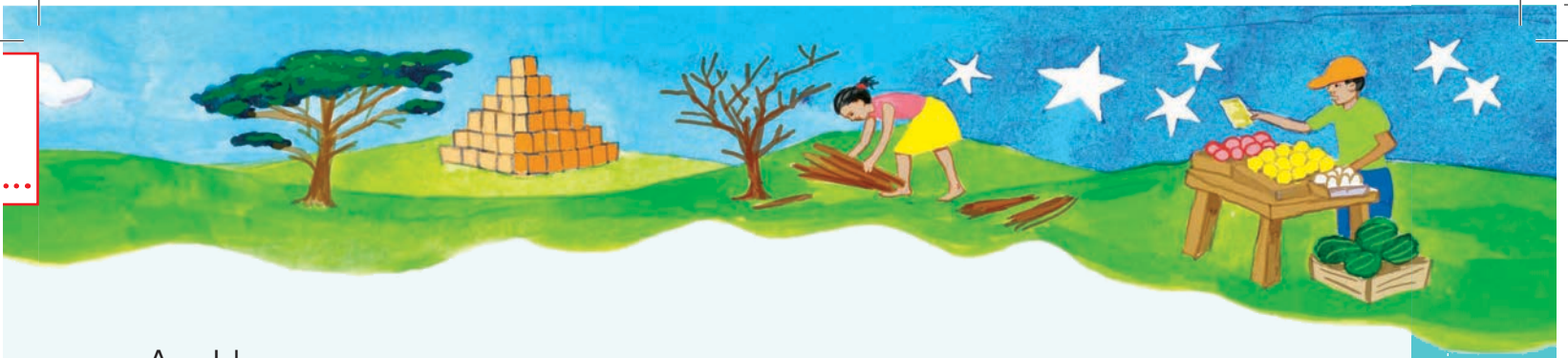
Ho kgaohanya mashome ha re tlosa

Ha re tlosa, ka nako e nngwe re hloka ho bontsha leshome le le leng jwalo ka metso e leshome, kapa lekgolo le le leng jwalo ka mashome a 10.

Ha re tloseng: $60 - 55 =$

Re qala ka botshelela ba leshome ba se nang motso. Re batla ho tlosa boleshome ba bahlano ba nang le motso o le mong (bo nngwe bao re ba tlosang ba tlotsitswe ka mmala o moputswa)

Re ka nna ra re boleshome ba tshelela ka mokgwa ona.	Kapa boleshome ba bahlano le diyuniti tse leshome	Tlosa boleshome ba bahlano le diyuniti tse hlano. Ho sala bonngwe ba bahlano	
		$60 - 55 = 5$	



A re lekeng.

a. $70 - 28$

mashome a 7	mashome a 6 le metso e 10	$70 - 28 =$	

b. $90 - 46$

c. $80 - 53$



Ho fumana dipalo tse etsang para e le nngwe

a.

200	
30	

b.

200	
70	

c.

200	
	105

d.

200	
85	

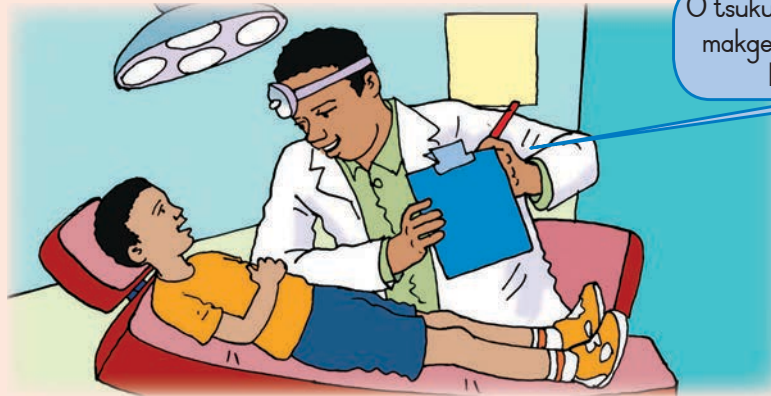


Teacher:
Sign:
Date:



Ho etela ngaka ya meno

Sehlopha sa bana se etela ngaka ya meno.



O tsukunya meno a hao
makgetlo a makae ka
letsatsi?

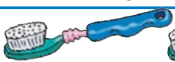
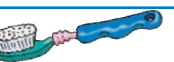
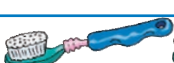
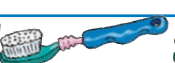
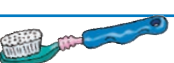
Sena ke seo bana ba mmolellang sona.



= ha l

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

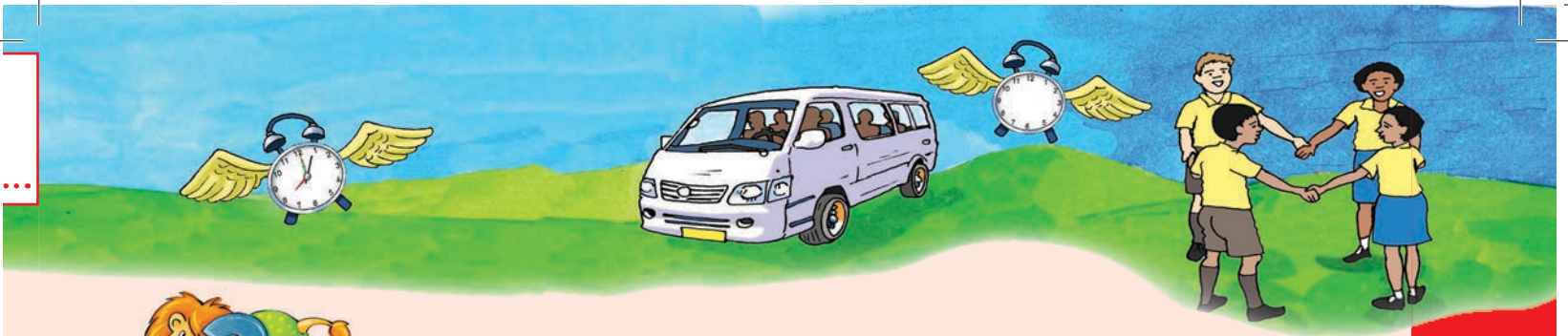
a. Bala matshwao (✓) mme o ngole dipalo.

 Hang ka letsatsi	
  Habedi ka letsatsi	
   Hararo ka letsatsi	

b. O ka bona eng o le tafoleng?

Boholo ba bana bo tsukunya ha _____ ka letsatsi.

Ho na le bana ba _____ sehlopheng.



Taka setshwantsho se bontshang hore bana ba hlatswa meno makgetlo a makae ka letsatsi



= Hang ka letsatsi



Etsa phuputso ka phaposing. Botsa baithuti ba 15 – 20.

- Ba hlatswa meno a bona makgetlo a makae? _____
- Etsa setshwantsho se kang se ka hodimo ho bontsha seo o se fumaneng.



11 12 13 14 15 16 17 18 19 20

37a

Letsatsi:

Kopanya o behe mmoho

Kotara ya 2



Ho Ngola palo

Busi o kgona ho kopanya mashome le metso. O boela a hlophisa hape.
O kgona ho kopanya le ho tlosa hodima pampiri, ntle le diboloko.
Ka nako e nngwe o rata ho qala ka dikarete tsa hae tsa dipalo ho bontsha dipalo.

Ka hoo bakeng sa palo $56 + 73$, o fumana dikarete tsena:

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

O kopanya bo-1 mme a behe dikarete tse 9.

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

O nka makgola le dikarete tsa 20 le ya 9.

ho etsa palo ya didijiti tsa 3.

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

O kopanya ka mokgwa ona:

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

Dumi o tseba ka moo diboloko di sebetsang.

O sebetsa $56 + 73$ ka mokgwa ona:

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

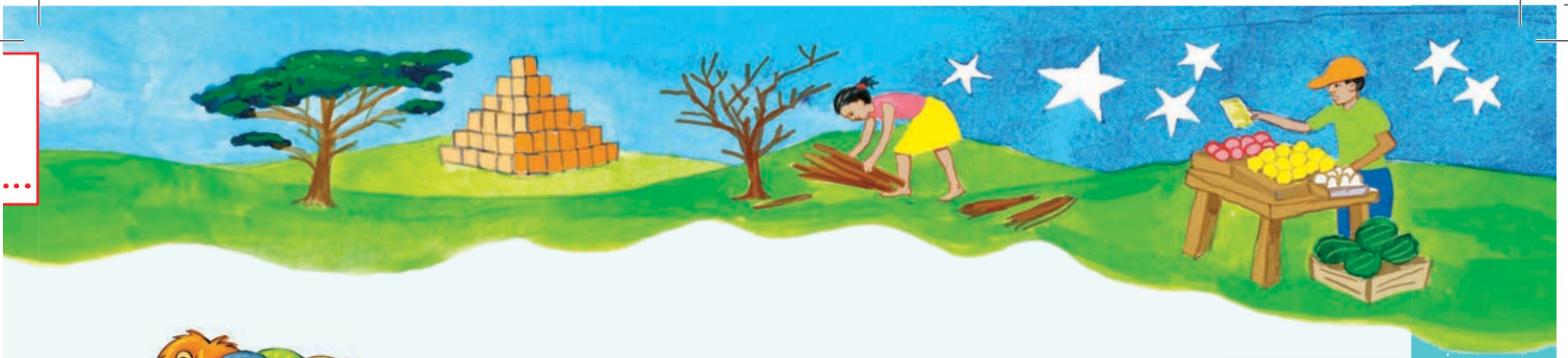


Aakar o rata ho atametsa palo.

O etsa ena ka mokgwa ona:

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





Jwale leka ena. Etsa e le nngwe ka mekgwa e fapaneng.

a. $86 + 62$

Mokgwa o sebediswang ke Busi

$$80 + 60 + 6 + 2$$



Mokgwa o sebediswang ke Dumi

$$80 + 6 + 60 + 2$$



b. $72 + 63$

c. $81 + 57$

d. $68 + 71$

Sebedisa mokgwa o sebediswang ke Aakar ho sebeta ena.



Teacher:

Sign:

Date:

37b

Letsatsi:

Kotara ya 2



Kopanya o behe mmoho (e a tswella)

Jwale ha re tloseng.

a. $87 - 53$

Mokgwa o sebediswang ke Busi

$$\begin{aligned} 80 - 50 + 7 - 3 \\ = 30 + 4 \\ = 34 \end{aligned}$$



Mokgwa o sebediswang ke Dumi

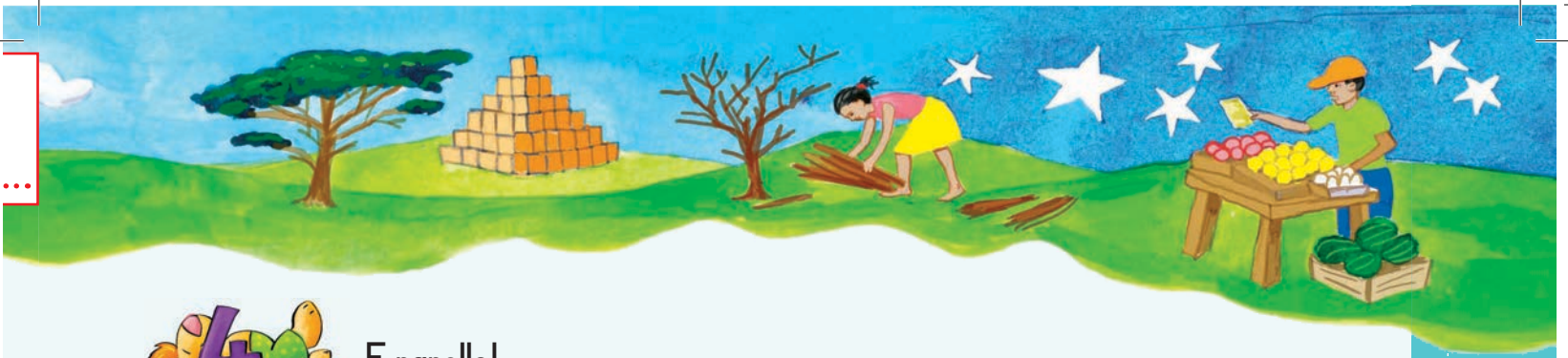
$$\begin{aligned} 80 + 7 - 50 + 3 \\ = 30 + 4 \\ = 34 \end{aligned}$$



b. $95 - 73$

c. $86 - 62$

d. $85 - 69$



E rarolle!

Ho na le mekgwa e mengatanyana ya ho kopanya **diyuniti** le **mashome** mmoho. Kgetha mokgwa oo o o tsebang oo o ratang ho o sebedisa ho rarolla mathata ana. Bontsha mosebetsi wa hao.

- a. Peter o qala pele ka ho kga diperekisi tse 34 hamorao a kge tse 67.

Ke diperekisi tse kae kaofela?



- b. Bana ba Malusi ba boloka R47 kaofela. Mme wa bona o ba fa R 58 e nngwe hape.

Ba se ba na le bokae jwale?



- c. Bese ya sekolo e tsamaya dikhilomitha tse 88 hoseng le dikhilomitha tse 73 mantsiboya.

Ke dikhilomitha tse kae kaofela?



E rarolle!



Dikwahelwana tsa dibotlolo

Sebedisa mokgwa leha e le ofe o o ratang.
Bontsha mosebetsi wa hao.



Sipho



Andile

Sipho o bala dikwahelwana tsa dibotlolo tse 87. Andile o bala tse 38.

Sipho o bala dikwahelo tse kae tsa botlolo ho feta Andile?



Konsarete ya sekolo



Musa



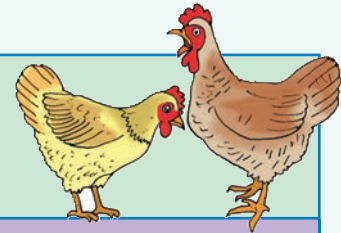
Musa o rekisa ditekete. O na le ditekete tse 92 tseo a qalang ka tsona. O na le tse 67 tse setseng. Musa o se a rekisitse ditekete tse kae ho fihla ha jwale?



Boikwetliso bo bong



Ho na le dikgoho tse 69 paneng e le nngwe le tse 95 ho e nngwe. Ho na le dikgoho tse kae kaofela? Bala kamoo Gugu le Aakar ba rarolotseng qaka ka teng.



Tsela ya Gugu

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



Tsela ya Aakar

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

Na o a tseba hore ke hobaneng ha a tlosa?



a. Bashemane ba bokella R96 bakeng sa leeto la baithuti bohle. Banana ba bokella R79. Ba bokelletse bokae kaofela?

Sebedisa tsela ya Gugu

Sebedisa tsela ya Aakar

b. Sekolo se le seng se bokella 76 kg ya dikotikoti. Sekolo se seng se bokella 68 kg ya dikotikoti. Ke kg tse kae tsa dikotikoti tse bokeletsweng ke dikolo tse pedi?

Sebedisa tsela ya Gugu

Sebedisa tsela ya Aakar



39

Bala mme o rarolle

Kotara ya 2



Fumana dikarolo

Ngola dipalo tse siilweng.

- a.

100	
	27

 b.

100	
39	

 c.

100	
43	

 d.

100	
56	
- e.

200	
140	

 f.

200	
	110

 g.

200	
135	

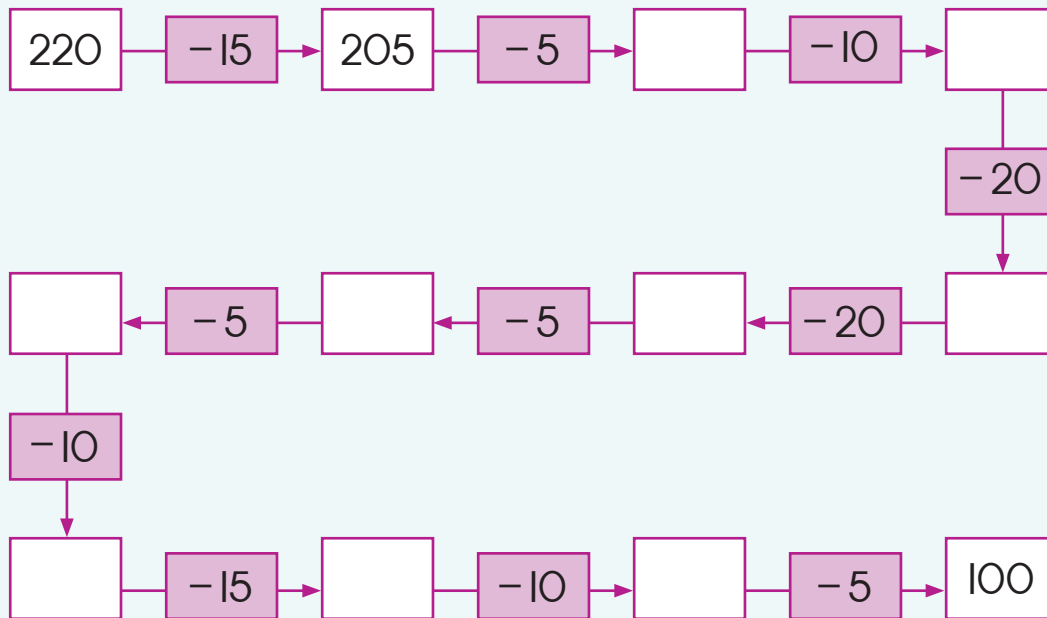
 h.

200	
	120



Ho tlosa o boela morao ho
tloha ho 220 ho ya ho 100.

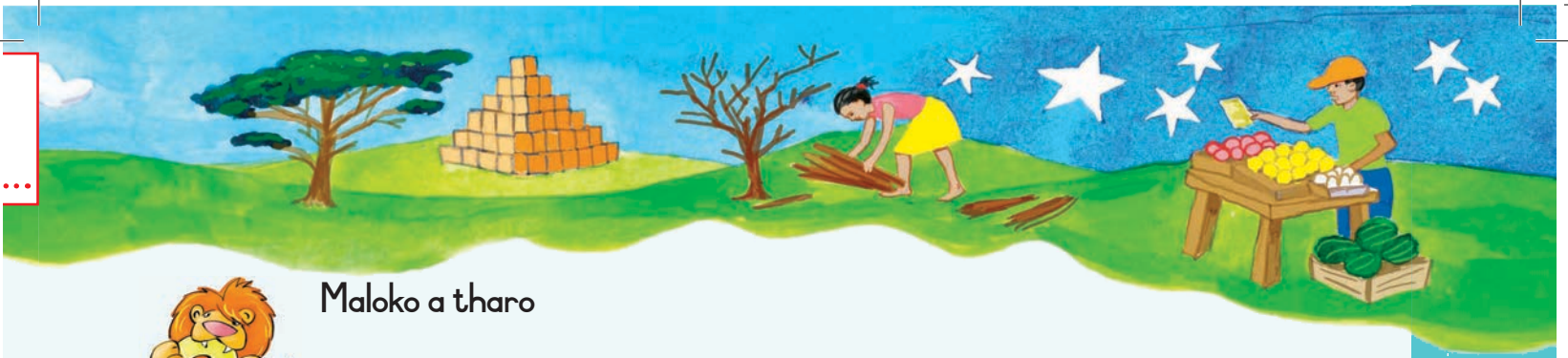
Tlosa dipalo tse ka lebokoseng le lepinki nako e nngwe le e nngwe.



Ona ke mokgwa
wa ho lekola
dikarabo tsa hao!

Qala ho 100!
Sebetsa o kgutlela
morao ho 220.

Empa kgetlong
lena, o kopanye
dipalo!

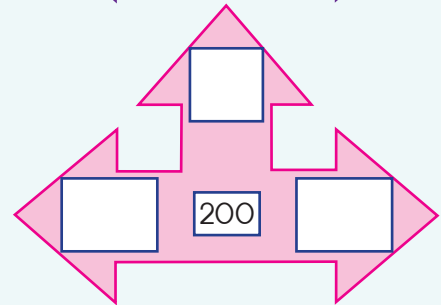
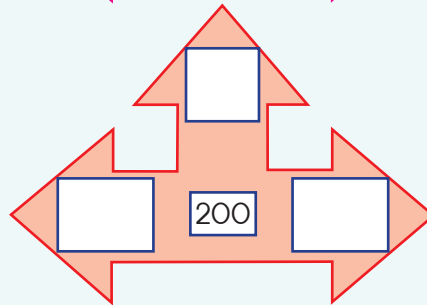
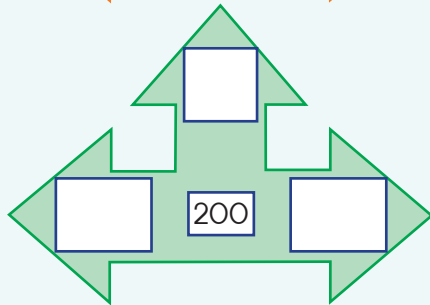
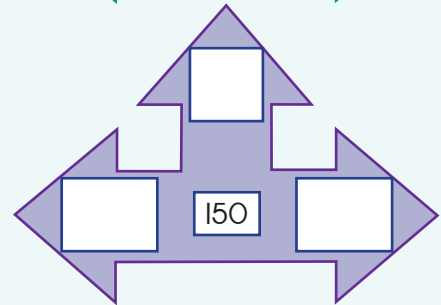
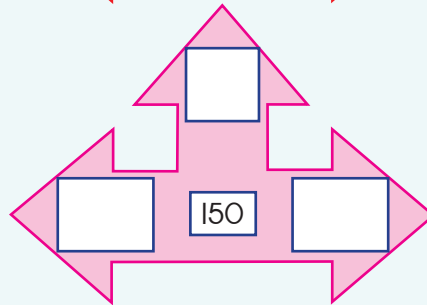
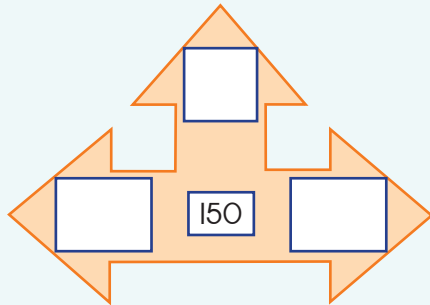
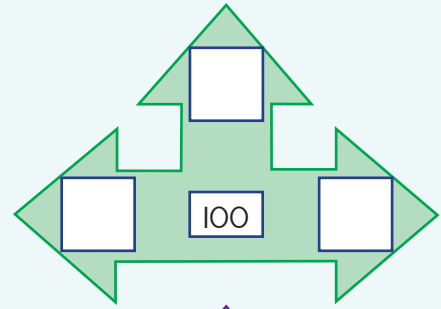
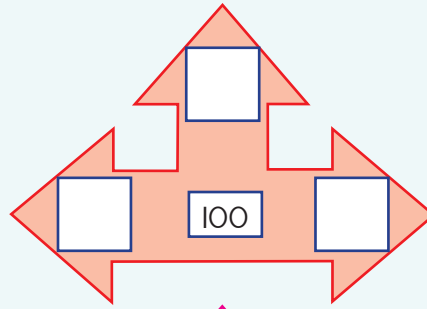
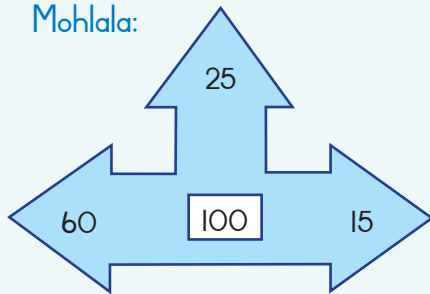


Maloko a tharo

Fumana dipalo tse 3 tseo ha o di kopanya di o nehang palo e lebeletsweng.

Molao wa hore ke palo e le nngwe feela e tla qetella ka O.

Mohlala:



50 ho feta le 50 ka tlase

Ngola dikarabo moleng 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: _____

11 12 13 14 15 16 17 18 19 20

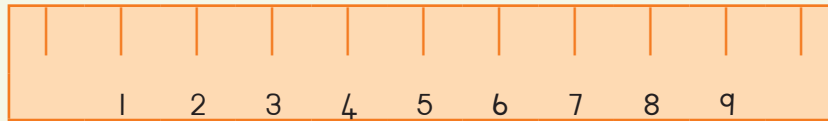
40

Letsatsi:

Ho lekanya ka disentimitha



Sentimitha e boholo bo bokae?



Dipalo tse hodima rula di emetse **disentimitha**.

Re sebedisa kgutsufatso kapa letshwao la **cm**.

Ha o sebedisa rula, o lokela ho qala ho lekanya ho tloha ho 0.

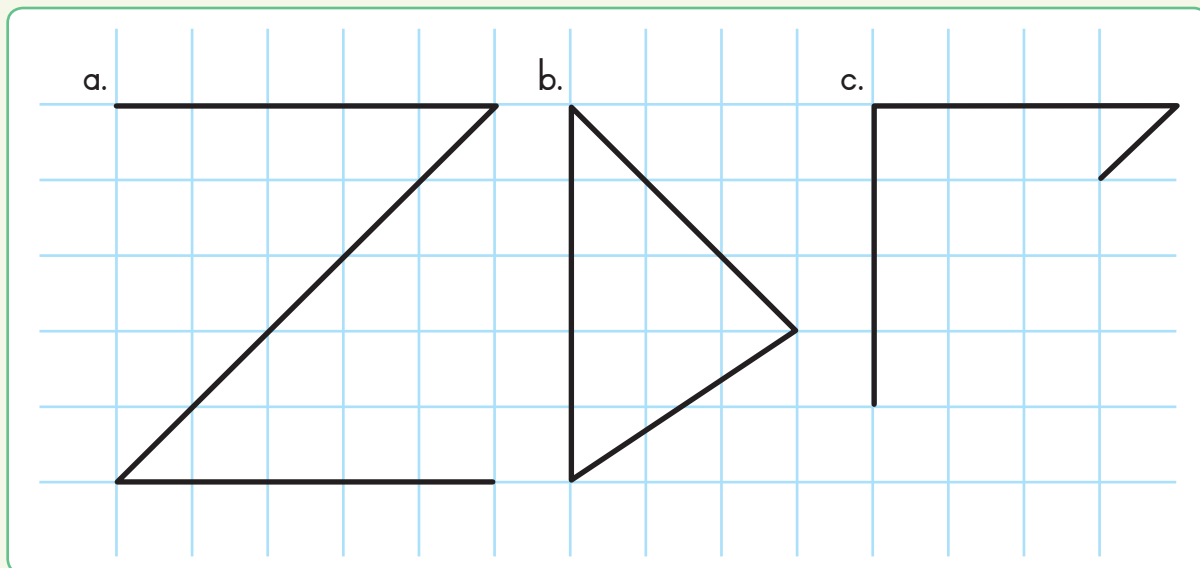
Dirula tse ding ha di bontshe 0 jwalo ka ena e leng leqepheng lena.

Fumana noto ruleng. Ngola 0 hodima rula.

10 cm e hokae ruleng ena? Ngola 10 moo.



Akanya mme ka rula ya hao o methe ka nepo, thouthale ya bolelele ba mela en aka di cm.



a. Lekanyetsa		cm	b. Lekanyetsa		cm	c. Lekanyetsa		cm
Metha		cm	Metha		cm	Metha		cm



Mola ka mong o molelele bo bokae?

Mola ka mong o bolelele ba cm tse kae?

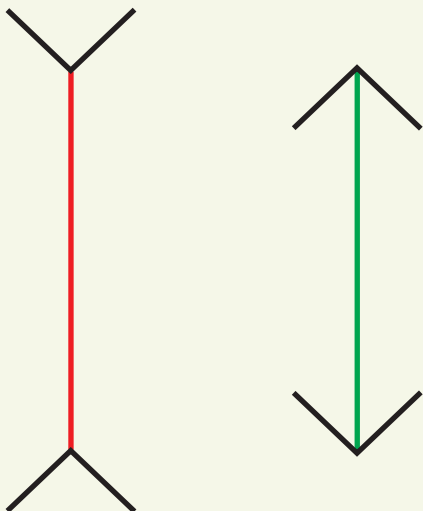
a. _____ cm	d. cm
b. _____ cm	e. _____ cm
c. _____ cm	f. _____ cm



O na le bonnete?

Ke ofe o moleletsana, ke mola o moubedu kapa o motala?

O ka lekola jwang?



Hona ke hoo re ho bitsang thetso ya tijebo ka leihlo. E etsahala ha mahlo a hao a qhekanyeditswe ho bona ntho e seng teng. Mela e mmedi e na le bolelele bo lekanang. Mela e metsho e tswelang kantle e etsa mola o mofubedu o shebahale eka o molelele mme mela e metsho e kenellang kahare e etsa mola o motala o shebahale e ka o mokgutshwane.



Teacher: _____
Sign: _____
Date: _____

41

Palo e lebeletsweng ya 300



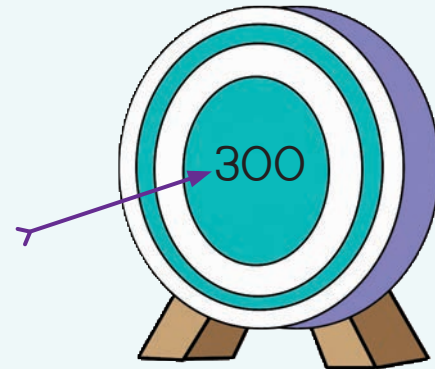
Bala le ho ngola bo 200

Bala ho tloha ho 201 ho isa ho 300.

Supa ha o ntse o tswela pele.

Jwale tlatša dipalo tse bolou pele.

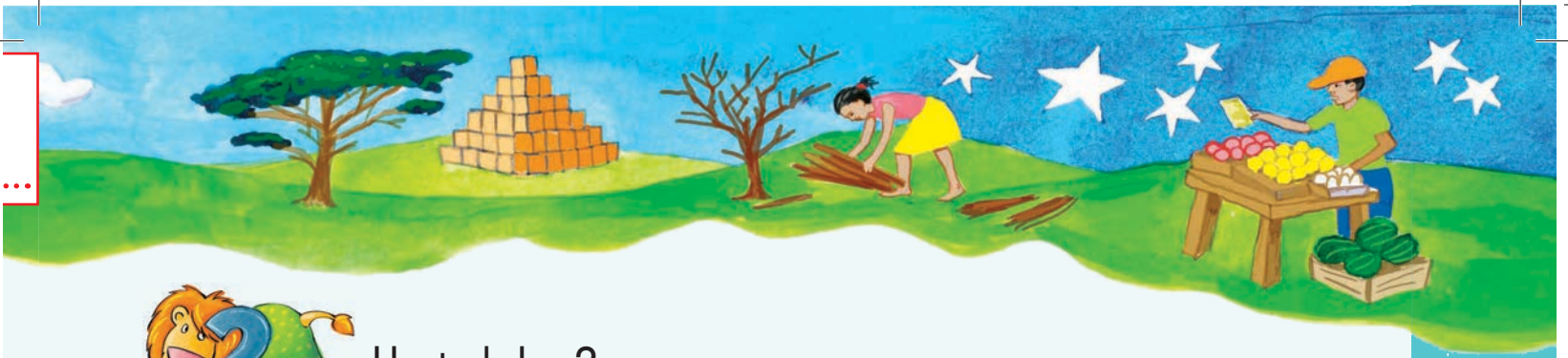
Ngola dipalo tse ding kaofela.



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

Ngola dipalo tse 10 tse latelang kamora 300.

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



Ho etsahalang?

301		281					
		171				211	
					101		



Ho bontsha le ho bapisa

a. Ngola dipalo tse nyamelang kareteng e nngwe le e nngwe.

298;	208;	301;	276;	227;	269;	311
200						
90						
8						

b. Ngola dipalo ka tatelano ho tloha ho tse nyane haholo ho ya ho tse kgolo haholo.

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



Ngola dipalo tse siilweng.

Qala

200	+25	225		237		249

Qetela

300		286		278		261



Teacher: _____
Sign: _____
Date: _____

42

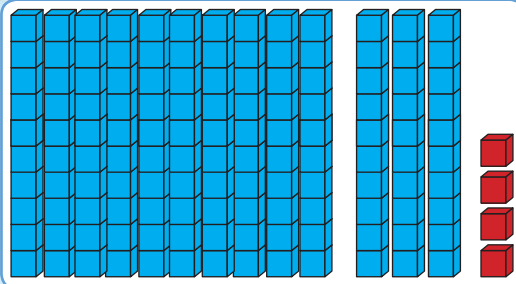
Letsatsi:

Kotara ya 2

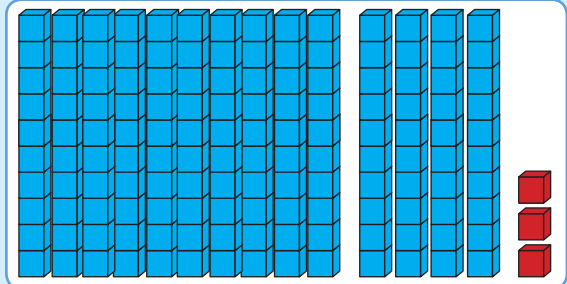
Ho kopanya le ho tlosa ka 100



Ho sebedisa diboloko ho kopanya



+



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



Latela mekgwa e mmedi. Bontsha karabo e nngwe le e nngwe ka mekgwa e mmedi.

a. $132 + 123$

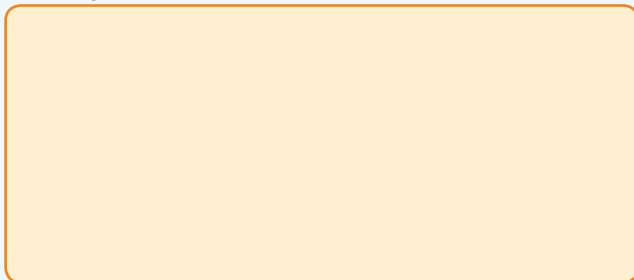
Mokgwa o sebediswang ke Busi

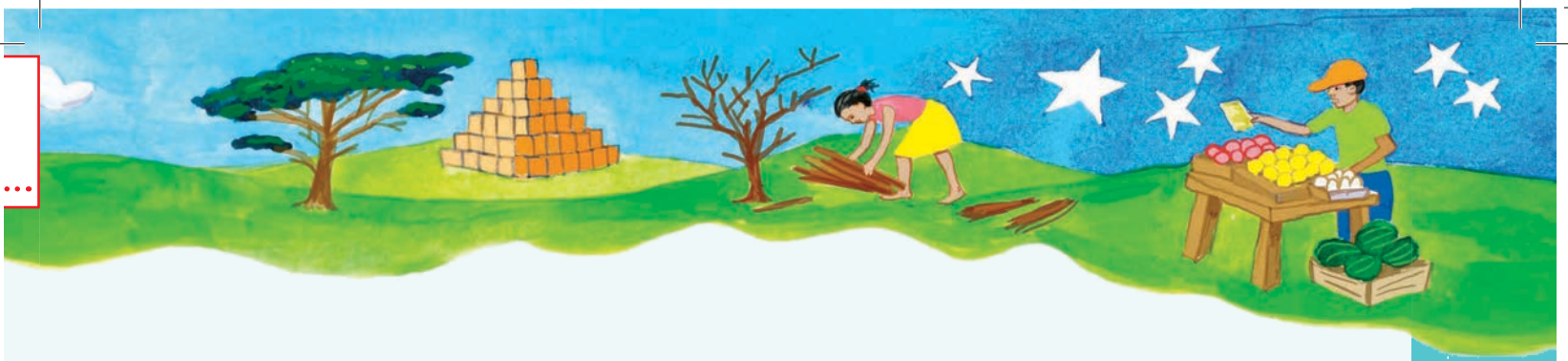
$$\begin{aligned}
 &= 100 + 100 + 30 + 20 + 2 + 3 \\
 &= 200 + 50 + 5 \\
 &= 255
 \end{aligned}$$



Mokgwa o sebediswang ke Dumi

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

b. $114 + 162$ 



c. $276 + 148$



Sheba mokgwa
ona mme o tlose.

a. $158 - 146$

Mokgwa o sebediswang ke Busi

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



Mokgwa o sebediswang ke Dumi

$$\begin{aligned} &158 - 146 \\ &= 0 + 10 + 2 \\ &= 12 \end{aligned}$$



b. $194 - 122$

c. $288 - 199$



Teacher:

Sign:

Date:

43

Palo e lebeletsweng 400

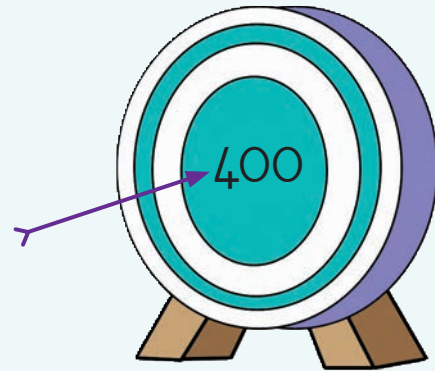


Ho bala le ho ngola 400

Bala ho tloha ho 300 ho fihla ho 400.

Bitsa dipalo ha o ntse o di bala.

Ngola dipalo tse siilweng hodima papetla.



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

Ngola dipalo tse 9 tse tla latela ka mora 400.

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



2014/05/05 2:16 PM

44

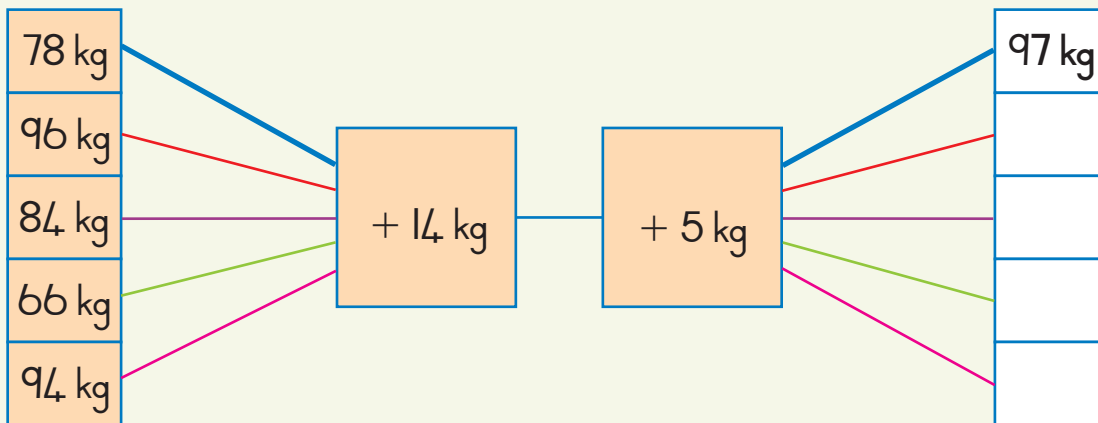
Letsatsi:

Kotara ya 2

Ho lekanya



Tlatsa dikolokramo tse itseng
Kopanya mme o ngole dikarabo.



Atametsa haufi mme o kopanye!

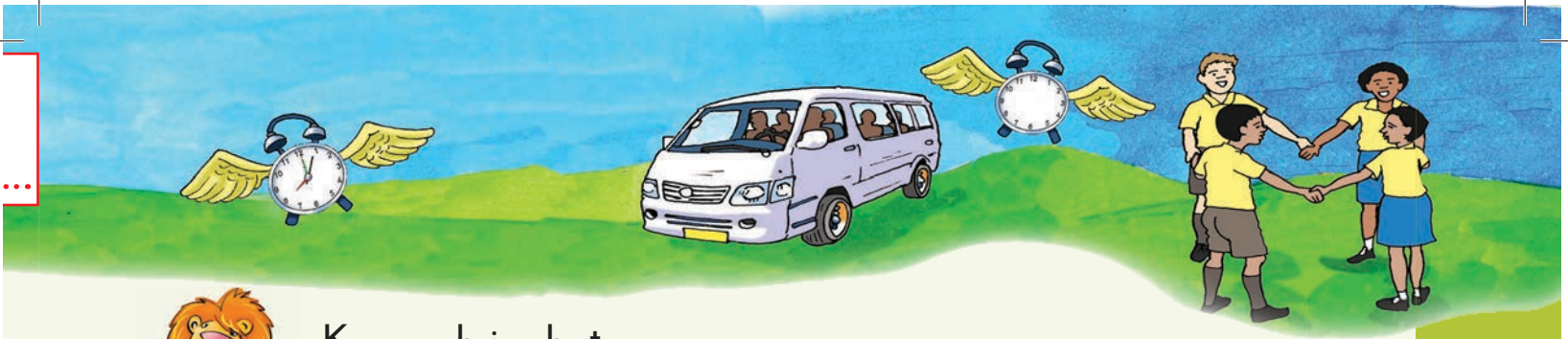
Nahana ka bohlale!

Phokojwe 25 kg	Kgudu 98 kg	Tshwene 59 kg	Ngwana wa qwaha 88 kg	Nonyana ya metsing 9 kg

Tlisa boima ba phoofolo ka nngwe ho atamela 10 kg.

Ngola boima ba phoofolo e nngwe le e nngwe ka tatelano ho tloha ho tse bobebe ho isa ho tse boima.

Lekanya palo ya boima kaofela ba diphoofolo tse 5.



Kopanya boima ba tsona



Nka nna ka se be boima jwalo ka wena,
Kgudu e hodileng, empa ke lebelo ho o feta!



Mehato

- Sebedisa boima boo o bo atameditseng.
- Lekanya boima ba diphoofolo moleng o mong le o mong.
- Sebetsa palo yohle.
- Bapisa dikarabo tse pedi mme o ngole phapang.

	Lekanyetsa	Ke sebetsa palo	Phapang
 + 			
 +  + 			
 +  + 			



Boima ba Vusi

Lekola. Bapisa. Lokisa diphoso.

Vusi o kopanya boima ba hae le boima ba  le ba 

Kakaretso ya boima ba bona ke 239 kg. Vusi o boima bo bokae? Bontsha karabo ya hao.



Boima ba ka ke bokae?

Bapalang le le sehlopha. Fapanyetsanang ...

Kopanya boima ba hao le boima ba diphooolo tse ding. Sebetsa karabo. Bolella sehlopha karabo. O se ke wa ba bontsha mosebetsi wa hao! Ba lokela hore ba leke ho fumana boima ba hao.

Teacher: _____

Sign: _____

Date: _____

45

Letsatsi:

Kotara ya 2

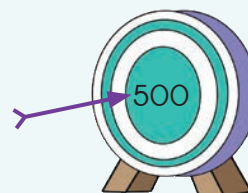


Palo e lebeletsweng 500

Bala o ngole!

400

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



- Bala o tswela pele ho tloha ho 400. Bitsa dipalo ha o ntse o tswella.
- Ngola dipalo tse siilweng hodima kiriti.
- Ngola dipalo tse 9 kamora 500.

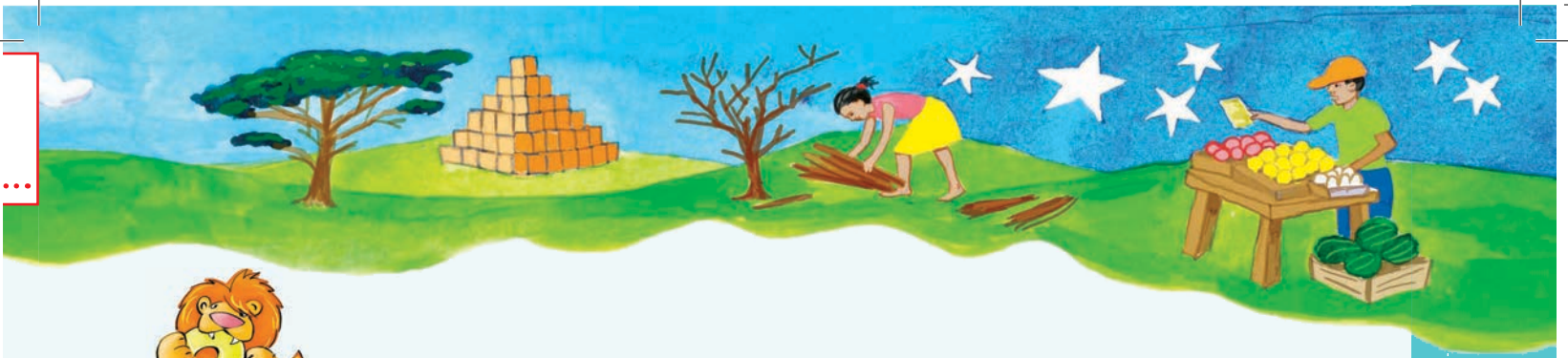
500; _____; _____; _____; _____; _____; _____; _____; _____; _____

- Bala ka bo 2. Ngola dipalo tse 8 tse latelang **pateroneng ya bo 2**.

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

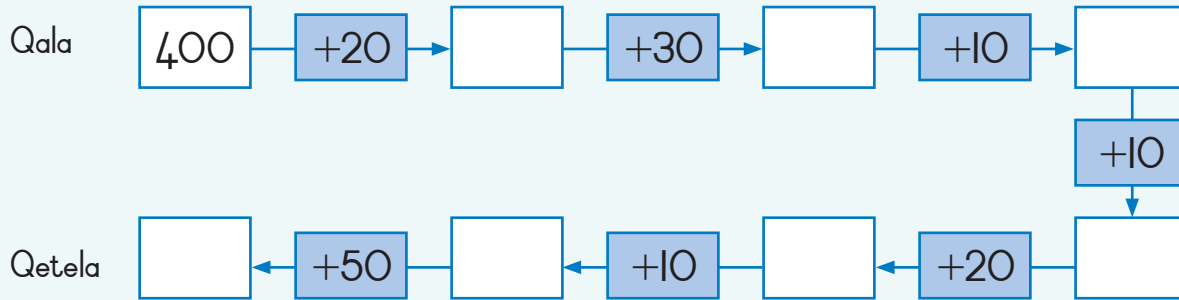
- Bala ka bo 5. Ngola dipalo tse 8 tse latelang **pateroneng ya bo 5**.

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

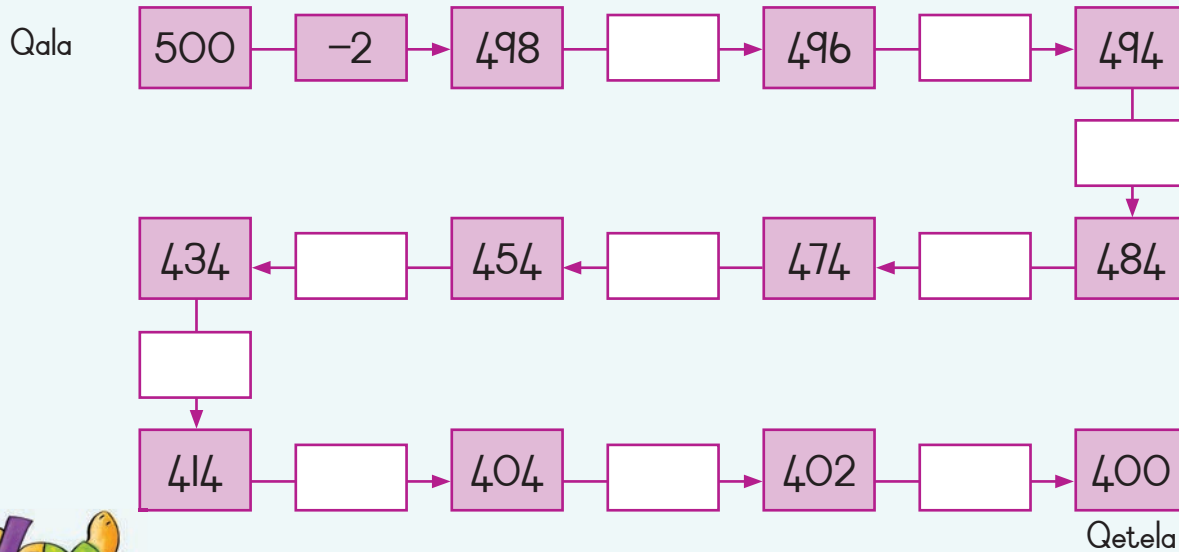


Tlatsa dinomoro tse siilweng.

a. Bala o kgutlela morao ho tloha ho 400.



b. Bala o kgutlela morao ho tloha ho 500.



Bontsha dipalo. Latela mohlala

Fumana palo yohle. Sebedisa dikarete tsa dipalo ho bontsha palo e nngwe le e nngwe e feletseng.

$405 + 10$	415	$400 + 10 + 5$	$398 + 10$		
$446 + 10$			$424 + 10$		
$455 + 10$			$460 + 20$		

Teacher: _____

Sign: _____

Date: _____

46

Letsatsi:

Ho kopanya le ho tlosa

O hlokomela eng?

2 0 0

5 0

4

2 0 0

3 0

5

4 0 0

8 0

9

4 8 9



Re tlilo sebedisa mekgwa e sebediswang ke Busi le Dumi hape bakeng sa ho kopanya.

a. $245 + 231$

Mokgwa o sebediswang ke Busi

$$= 200 + 200 + 40 + 30 + 5 + 1$$

$$= 400 + 70 + 6$$

$$= 476$$



Mokgwa o sebediswang ke Dumi

$$245 + 231$$

$$= 400 + 70 + 6$$

$$= 476$$



b. $278 + 136$

c. $265 + 148$



Re tllilo sebedisa mekgwa e sebediswang ke Busi le Dumi hape bakeng sa ho tlosa.

a. $476 - 324$

Mokgwa o sebediswang ke Busi

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



Mokgwa o sebediswang ke Dumi

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

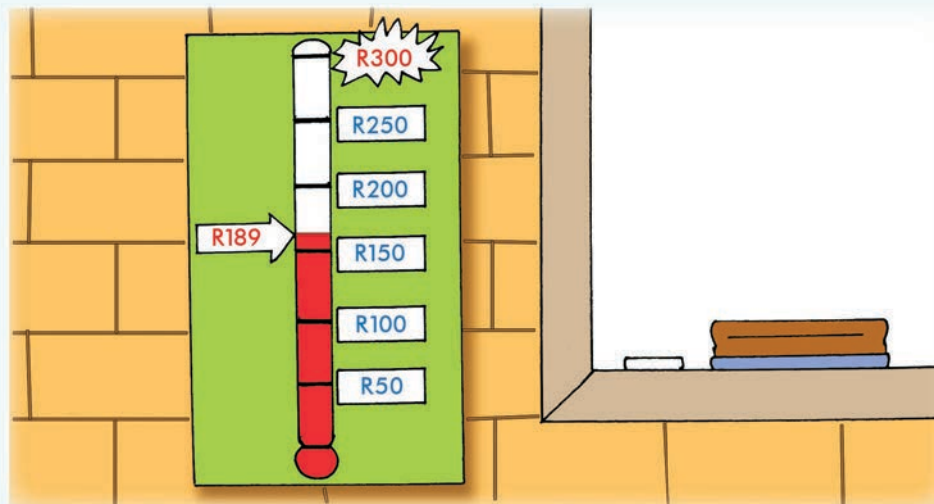


b. $489 - 456$

c. $482 - 161$



Ho fihlella palo e lebeletsweng



Ithute setshwantsho sena.

Ho hlokeha tse kae hape ho fihlella palo e lebeletsweng?

R



Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

47

Ntjhafatsa kelello



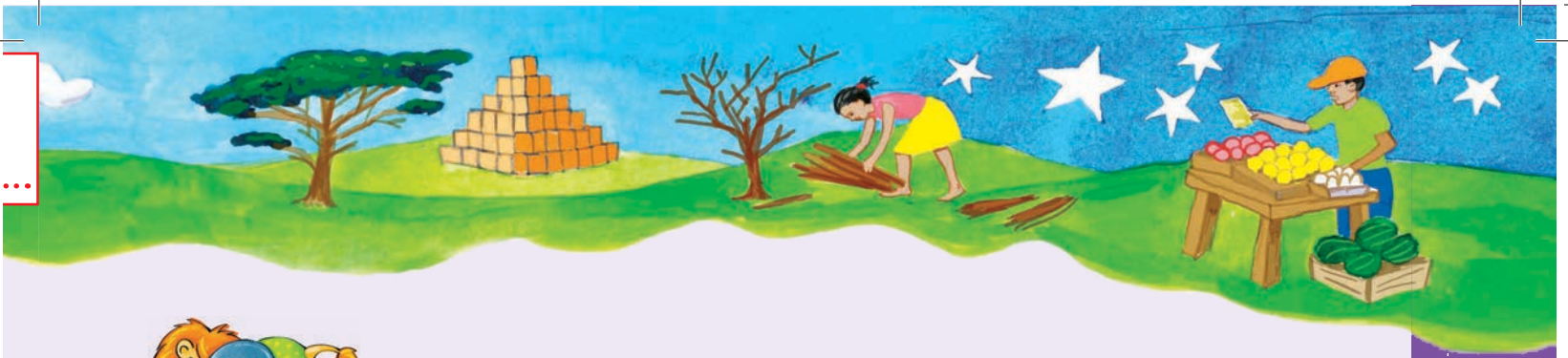
Thaba ya sephiri

Lebitso la thaba e phahameng ka ho fetisa Gauteng ke lefe? Sebedisa khoutu ho e fumana. Nyalanya karabo ka nngwe e tafoleng le tlhaku e 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

Lesedi la nomoro	Karabo	Tlhaku
Mohlala: $2 \times 3 \times 3 \times 1 = \square$	18	R
$50 + 50 + 50 + 100 - 200 - 45 = \square$	S	E
$1 + 2 + 7 + 10 + 7 + 1 - 14 = \square$		
$60 - 30 + 50 + 20 - 50 - 15 - 20 = \square$		
$3 + 2 + 7 + 1 + 2 + 1 + 3 = \square$		
$5 + 3 + 30 = 4 + 2 + 12 + \square$		
$100 - 5 - 70 = 20 + \square$		
$36 + 44 - 60 - 2 = \square$		
$10 + 15 = 14 + \square$		
$2 + 1 + 14 + 9 + 14 = 25 + \square$		
$1 \times 2 \times 2 \times 2 \times 2 = \square$		

Lebitso la thaba ke:



Sheba! Nahana, mme o arabe!



- a. Palo ya 16 e tla ba sebopehong sefe? Tshwaya (✓) e nepahetseng. * ● ☾
 Palo ya 18 e tla ba sebopehong sefe? Tshwaya (✓) e nepahetseng. * ● ☾
 Palo ya 20 e tla ba sebopehong sefe? Tshwaya (✓) e nepahetseng. * ● ☾

- b. Palo ya 50 e tla ba *. E kapa Tjhe?
 Palo ya 100 e tla ba ●. E kapa Tjhe?
 Palo ya 28 e tla ba ☾. E kapa Tjhe?

Hlahloba. Bapisa. Lokisa.



Ke efe e ngata?

Ho fumana R2,50 ya letsatsi bakeng sa kgwedi ya Phupjane le Phupu.

Kapa ho fumana R150 ka la IPhato.

Bontsha hore o e sebeditse jwang.

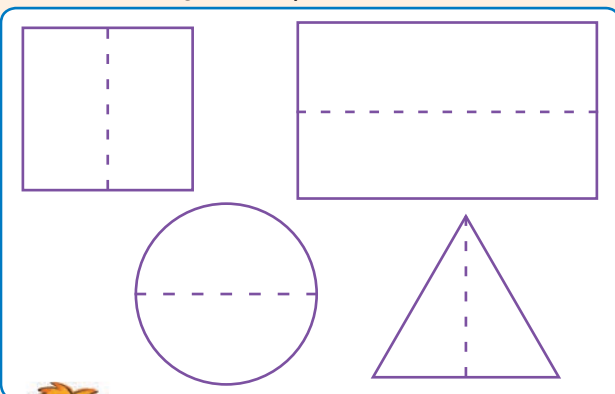


Teacher: _____
 Sign: _____
 Date: _____

11 12 13 14 15 16 17 18 19 20

Simeteri

O hlokomelang ka dibopeho tsena?



Mola wa simeteri o arola sebopeliso ka dihalofo tse pedi hore halofo ka nngwe e tshwane hantle le e nngwe.

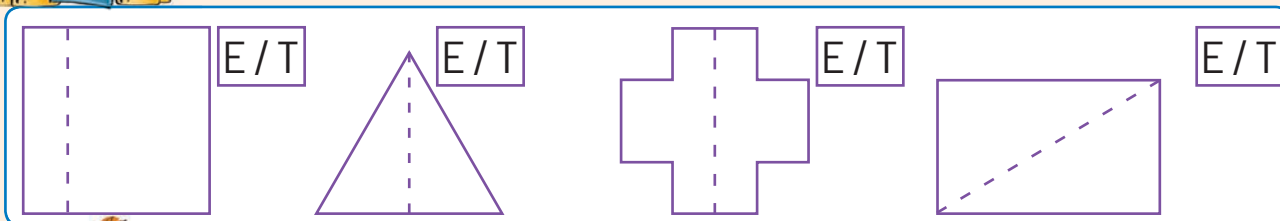
Sebopeliso se na le semeteri haeba o ka se mena moleng hore dihalofo tse pedi di lekane hantle.



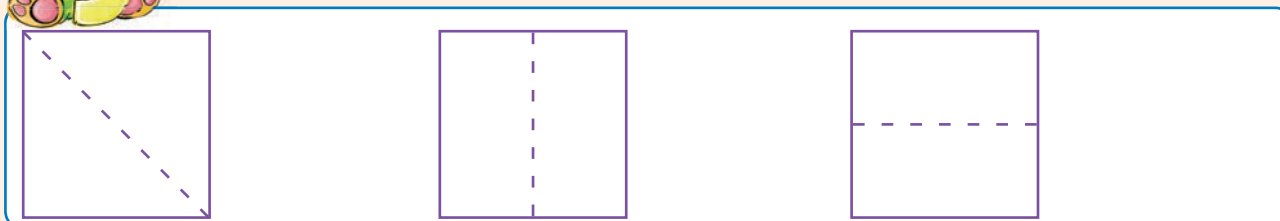
Thala mola wa simeteri bakeng sa sebopeliso se seng le se seng.

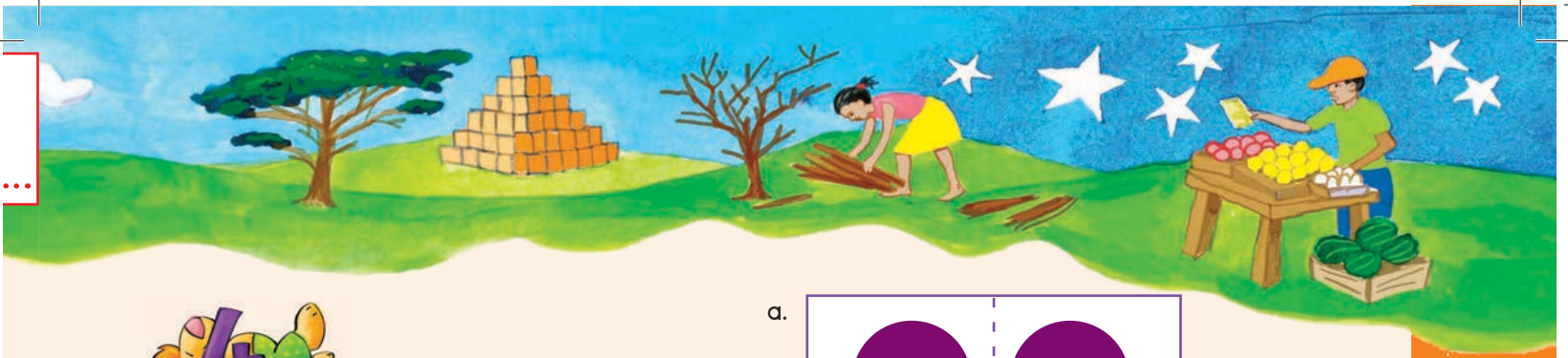


Na mola o nang le matheba ke mola wa simetiri kapa tjhe? Etsetsa (E) Ee kapa (T) Tjhe sedikadikwe



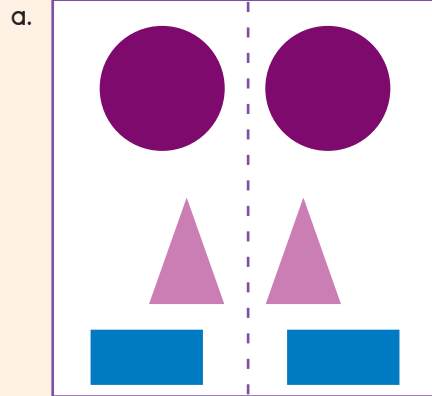
Na mola ona ke wa simeteri? Hobaneng?



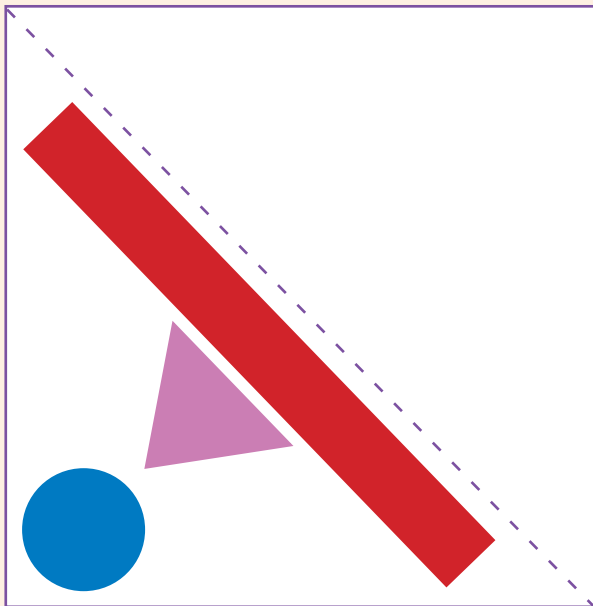


Etsa setshwantsho sa sebopeho hore mahlakore
a sona a lekane hantle.

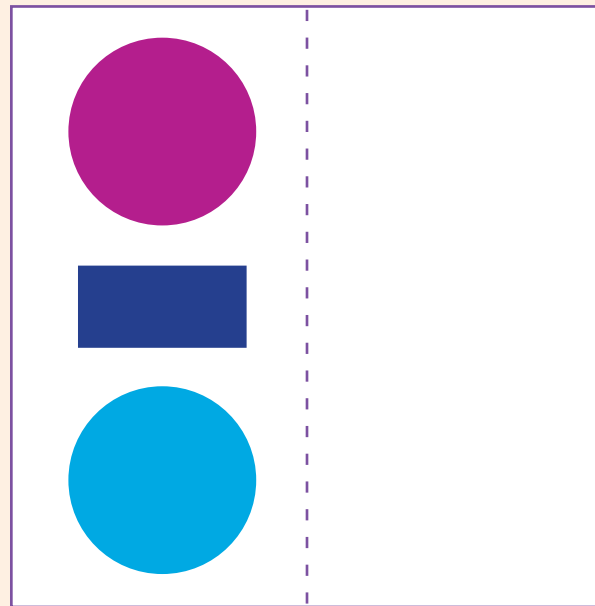
Re se re o etseditse ya pele.



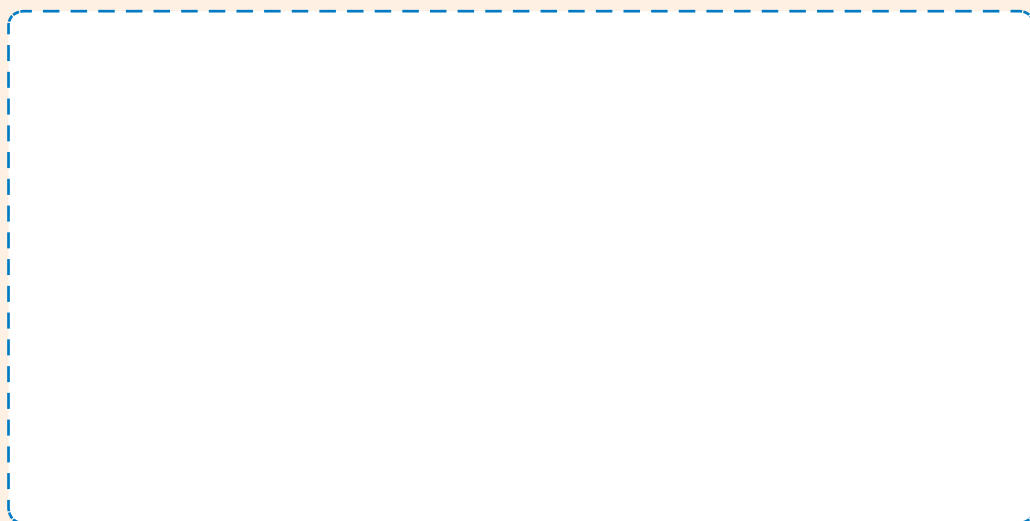
b.



c.



Iketsetsetse
semeteri ya
hao o sebedisa
dibopeho.

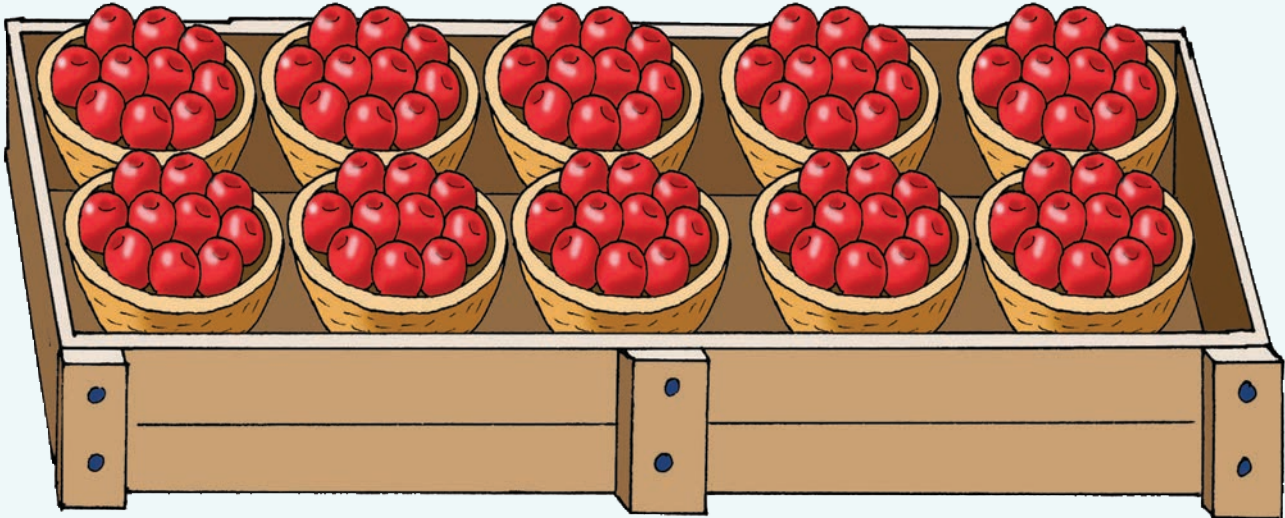
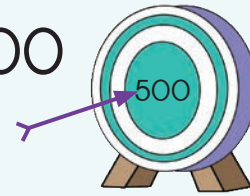


49

Kotara ya 2

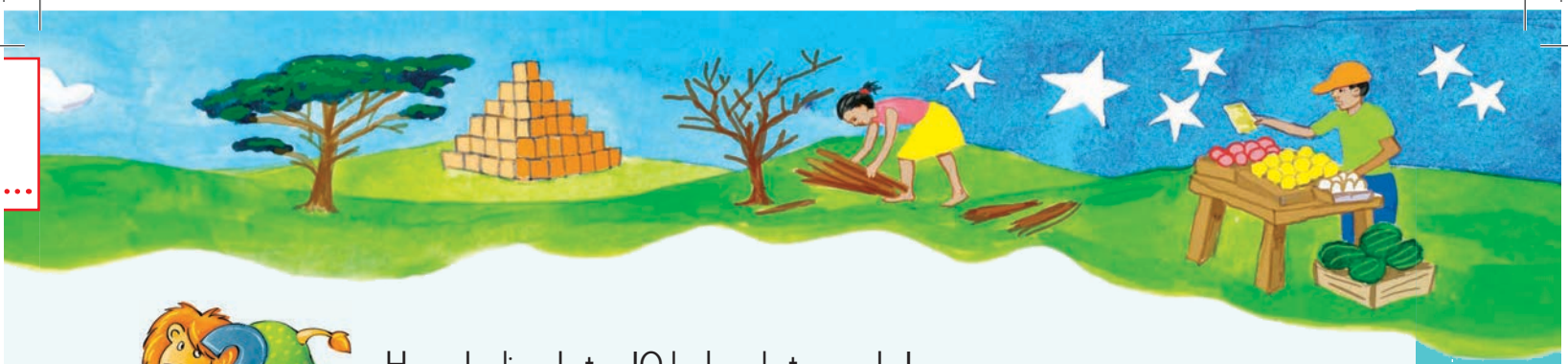


Ho bopa ho fihlela ho 500
Bala diapole



Qetela mme o atise

basekete e 1 e kenya diapole tse ____.	$1 \times 10 = 10$
dibasekete tse 3 di kenya diapole tse ____.	$3 \times 10 =$
dibasekete tse 5 di kenya diapole tse ____.	
dibasekete e 4 e kenya diapole tse ____.	
keireiti e 2 e kenya diapole tse ____.	
Kereiti e le 1 e tshetse diapole tse 100.	Dikereiti tse 2 di tshetse diapole ____.
Dikereiti tse 3 di tshetse diapole ____ tse.	Dikereiti tse 4 di tshetse diapole ____.
Dikereiti tse 5 di tshetse diapole ____ tse.	Dihaloo tse 2 tsa dikereiti di tshetse ____.

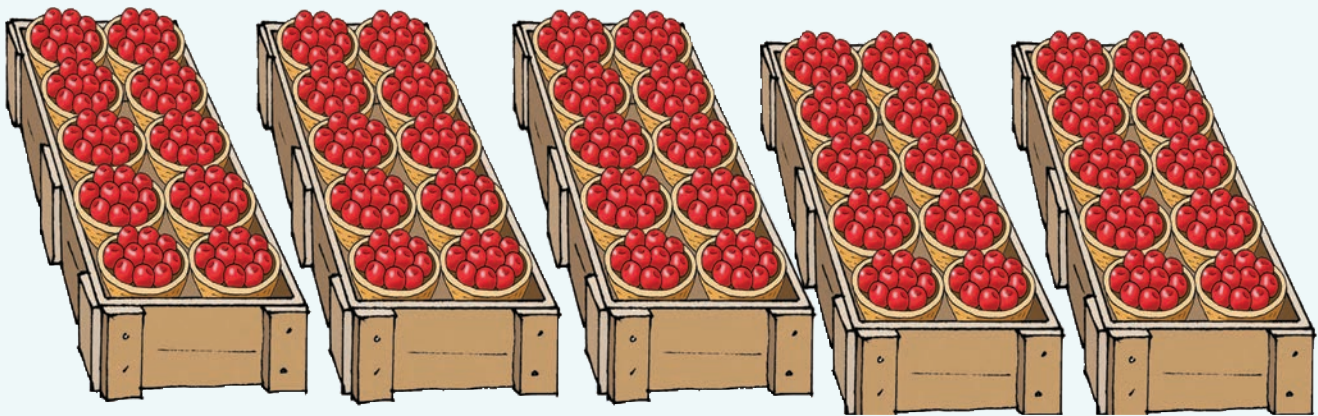


Ho na le diapole tse 10 ka baseketeng e le 1.

Ho na le dibasekete tse _____ kereiting e le nngwe.

Ho na le diapole tse _____ kereiting e nngwe le e nngwe.

Ho na le diapole tse kae kaofela? _____



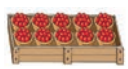
Rarolla, bontsha mme o ngole

300

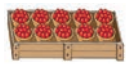
40

5

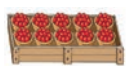
Sebedisa dikarete tsa dipalo pele ho bontsha karabo ka nngwe. Ebe jwale o ngola palo.



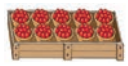
dikereiti tse 3 +  dibasekete tse 4 +  5 diapole tse = 345 diapole



dikereiti tse 4 +  dibasekete tse 5 +  5 diapole tse = _____ diapole



dikereiti tse 5 +  dibasekete tse 2 +  5 diapole tse = _____ diapole



dikereiti tse 4 +  dibasekete tse 7 +  5 diapole tse = _____ diapole



11 12 13 14 15 16 17 18 19 20

50

Letsatsi:

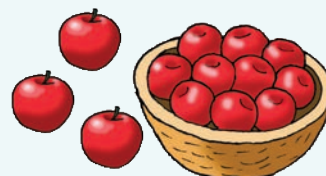
Ho atisa le ho arola (10)



Ho bala diapole

Tlatsa papetla.

Ke dimmanki tse kae tse tshetseng diapole?



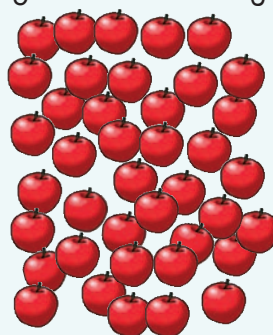
Diapole 	10	20	30	40	50
Dimmanki 	1	2			

÷ palo					$50 \div 10 = 5$
× palo					$5 \times 10 = 50$



Arola diapole dipakeng tsa bana. Etsa setshwantosho. Ngola palo e arolang le e atisang ho lekola karabo ya hao.

a.



Lekola dikarabo
tso hao

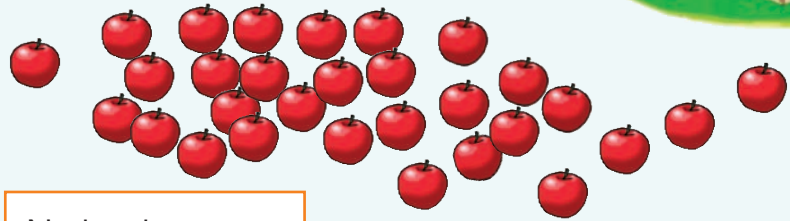
$$\square \div \square = \square$$

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





b.



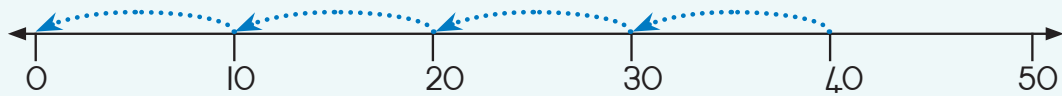
Ngola palo ÷

Ngola palo ho
bontsha dikarabo
tsa hao ×



Mohlala

Sebedisa dipalo ho iketsetsa palo ya polelo.



÷ $40 \div 10 = 4$

× $4 \times 10 = 40$



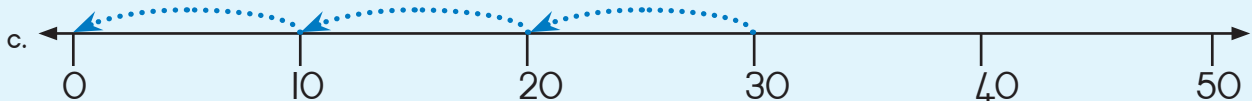
÷

×



÷

×



÷

×



Ngola palo ya 10 e nyenyane le palo ya 10 e kgolwanyane ho feta
palo eo ho fanweng ka yona.

_____, 460, _____

_____, 390, _____

_____, 500, _____

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

51

Bala ka bo 2

Kotara ya 2



Ho balla pele le morao ka bo2

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



Para ya dihanskunu



- Ho na le **dipara tse kae tsa dihanskunu** moleng o le mong? _____
- Ho na le **hanskunu** tse kae tse tsamayang ka bonngwe **moleng o le mong**?

- Ho na le mela e mekae? _____
- Ke dihanskunu tse kae kaofela? _____
- Bontsha kamoo o e sebetsang.
- Ngola karabo ya hao jwalo ka palo ya polelo.
_____ × _____ = _____



K e dihanskunu tse kae kaofela tse ho b?

Ngola ka hodima papetla.

a. Para ya dihanskune			1	10	5	50	4	40	3	30	100
Palo ya dihanskune			2								

b. Dihanskune di le ding	20	21	70	73
Dipara tse ka etswang				
Dihanskunu tse setseng				



Bala ka bobedi

a. Ke palo efe e hlahang dipakeng?

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

b. Ngola dipalo tse pedi tse tla latela?

373, 375, 377, 379	480, 482, _____, _____	262, 264, _____, _____
--------------------	------------------------	------------------------

c. Ngola dipalo tse pedi tse tla latela?

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





Ho hlophisa jarete

Monghadi Mabena o na le dithaele tse ntle.

O di sebedisa ho kgabisa jarete ya hae. Ho na le dithaele tsa tekanyetso ya dikgutlonnetsepa tse 6 tse lekanang.

Ke tla di beha jwang?



Nka etsa mola o le 1 ka dithaele tse 6.



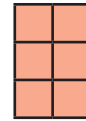
$$6 \times 1 = 6$$

Nka etsa mela e 2 ka dithaele tse 3 moleng ka mong.



$$3 \times 2 = 6$$

Nka etsa mela e 3 ka dithaele tse 2 moleng ka mong.



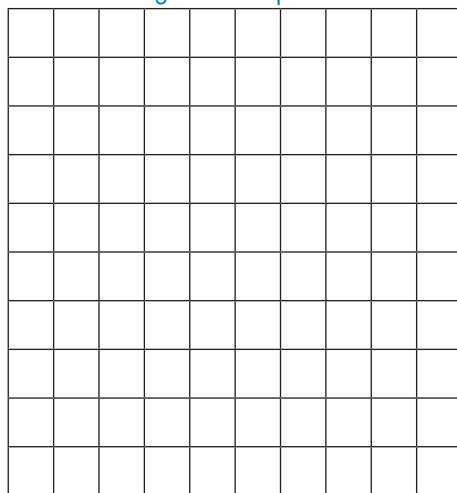
$$2 \times 3 = 6$$

Jwale ke nako ya hao!

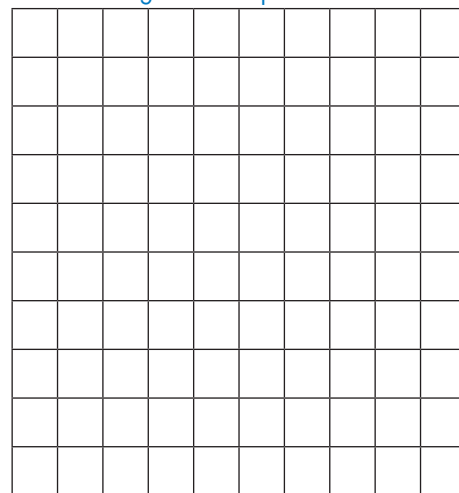
Rala diboloko ho bontsha kamoo o ka hlophang dithaele tsa dikgutlonnetsepa tse 8 le tse 9.

Ngola palo ya polelo mabapi le moralo ka mong.

Dikgutlonnetsepa tse 8



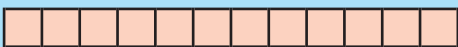
Dikgutlonnetsepa tse 9





Hlophisa dithaele tse 12

Thabo o na le dithaele tsa dikgutlonnetsepa tse 12 ho kgabisa bokantle ba phaposi. Mo thuse ka mekgwa eo a etsang hona ka yona. Ngola palo ya polelo bakeng sa mekgwa ka mong.

Mohlala:	$1 \times 12 = 12$ $12 \times 1 = 12$
	



Hlophisa dithaele tse 24

- Sebedisa kiriti ya moseho wa 2.
- Di rale ho kwahela diboloko tse 24 tse fapaneng.
- Ngola dipalo tsa dipolelo ho nyalanya meralo.



Nka atisa!

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

Teacher: _____

Sign: _____

Date: _____

11 12 13 14 15 16 17 18 19 20

O sebedisa bohlano



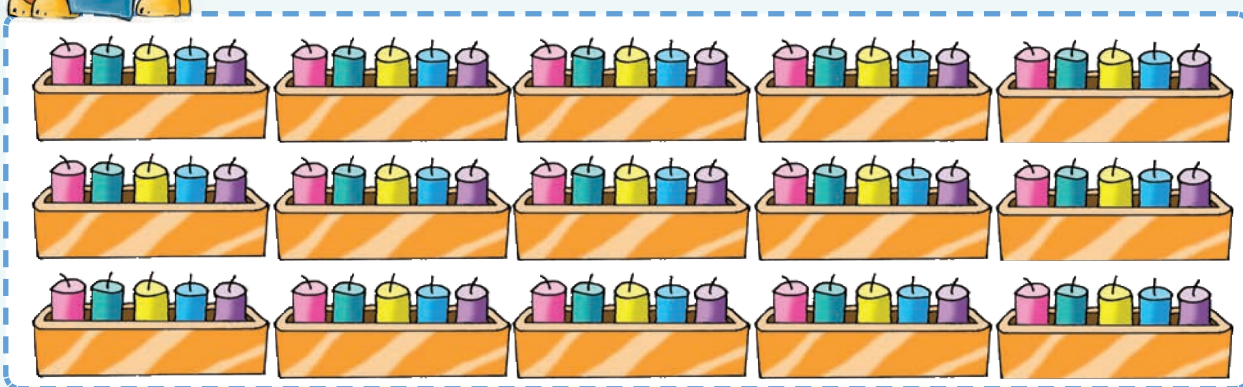
Tseba bo 5 ba hao

Tlatsa dikarabo.

	1	2	3	4	5	6	7	8	9	10
× 5	5									



Bala dikerese

a. Ho na le dikerese tse kae ka **lebokoseng** le leng le le leng? _____b. Ho ba le **mabokose** a makae moleng o mong le o mong? _____c. Ho na le **dikerese** tse kae moleng o mong le o mong? _____d. Ho na le **dikerese** tse kae kaofela? _____

Bontsha karabo

Tshwaya (✓) palo ya polelo e bontshang karabo ya dikerese.

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

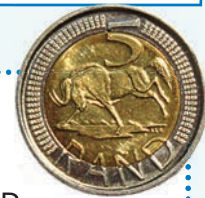


Bala o ya pele le ho kgutlela morao ka bo 5

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



Bokella tjhelete ya tshepe ya R5



Bana ba bokella di R5 tsa dikhoini. Ba hloka dikhoini tse kae tsa R5 ho ba le R ____? Re o etseditse ya pele.

R5 ÷ R5 = 1 tjhelete ya tshepe	R10 ÷ R5 = 2 tjhelete ya tshepe	R15? _____	R20? _____	R25? _____
R30? _____	R35? _____	R40? _____	R45? _____	R50? _____

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

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

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

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

Na o bona paterone?



Atisa ka bo 5

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

Nahana ka bohlale! Sebeletsa hodima dintlha tseo o di tsebang!

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

Lebitso:



Ho sebetša ka nako



Rala dinko

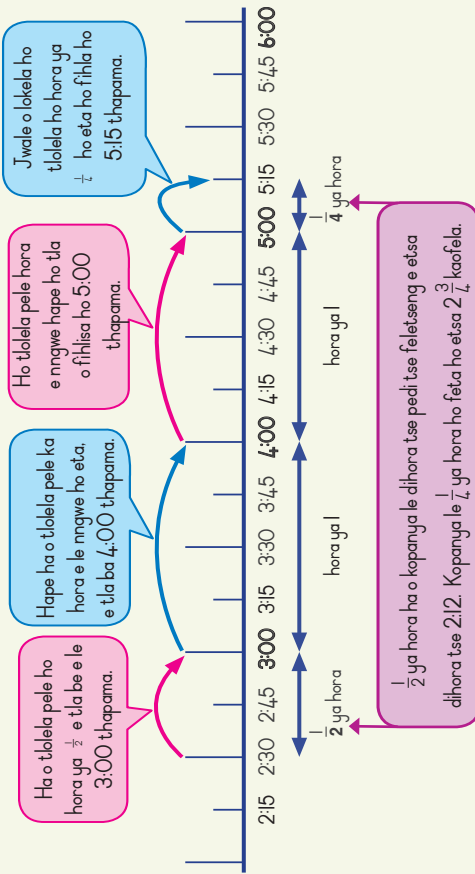
Habfo kamara 5	Katara pele ho hora ya leshome le motso o le mong	Katara kamara hora ya leshome le motso e mmedi	4:30
			6:15
			12:45
			4:30



Bothata ka nako

MmaNomsa o tloha hae ka 2:30 mantsibaya o kgutla ka 5:15 thapama. Ebe o tsamaila nako e kae?

Re ka sebedisa mola wa nako ho e sebetša. Beha monwana wa hao hodima 2:30, nako eo e leng yona jwale.



Lebitso:



Bothata ka nako

Rarolla bothata ka bong. Sebedisa molankoko ho o thusa.

Lekola. Bapisa. Lokisa diphoso.

a. Queenie o etela Ntatae tšilinkling ka 15:45 thapama.

O tloha ka 17:15 thapama.

O etla nako e kae?



b. Musa o ya phakeng ka 10:45 hoseng.

O kgutla hae ka 12:30 thapama.

O tsamaila nako e kae?



c. Tumi o qala ho bala ka 13:15.

O qeta ka 14:45.

Tumi o bodile nako e kae?



Teacher:

Sign:

Date:

55

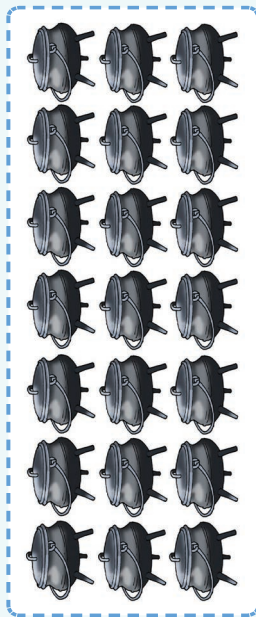
Katara ya 2

Bala ka bo 3 le bo 4

Dipitsa tsa maoto a 3



Kopanya o ngole
dikarabo.



- Ke dipitsa tse kae moleng? _____
- Ke maoto a makae moleng o le mong? _____
- Ke mela e mekae ya dipitsa moleng? _____
- Ke maoto a makae kaofela? Bontsha kamoo o e sebeditseng kateng.

Tshwaya (✓) hore ke palo ee ya polelo e bontshang karabo.

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

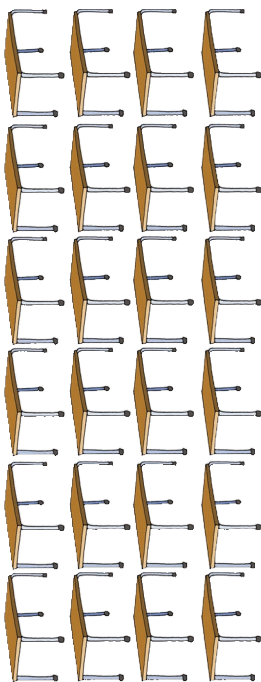


Ke maoto a makae?

Nahana kapele.
Maoto a taale.

pitsa e le 1	maoto a 3	dipitsa tse 10	maoto a	5 dipitsa	maoto a
dipitsa tse 2	maoto a	dipitsa tse 15	maoto a	12 dipitsa	maoto a
dipitsa tse 5	maoto a	dipitsa tse 13	maoto a	14 dipitsa	maoto a

Maoto a tafole



- Ke ditafole tse kae moleng? _____
- Ke maoto a makae moleng? _____
- Ke mela e mekae ya ditafole papetleng? _____
- Ke maoto a makae kaofela? Bontsha kamoo o e sebeditseng kateng.



Eketering

Mmetli o etsa ditafole. O qala ka ho etsa maoto.

O se a entse a 48 ho fihlela jwale. O tla kgona ho etsa ditafole tse kae?

O hloka maoto a makae ho feta ho etsa tafole e nngwe hape?



Qetella kiriti ka ho tlatsa dikarabo

	2	3	4	5	8	10	11	12
$\times 3$	6							
$\times 4$	8							



Lelekaai:

Bala ka bo 50

Ngwana a le mong, kobo e le nngwe!

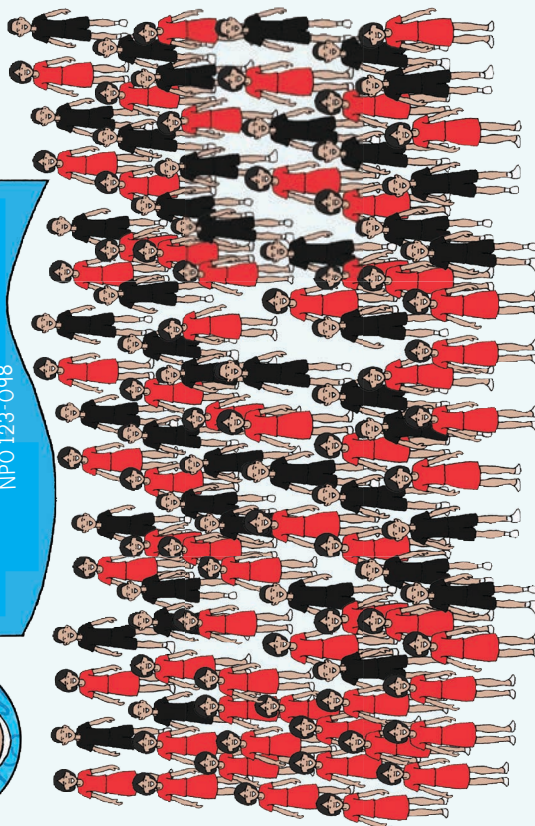
Ke bana ba bakae? Lekanyetsa, e be o a bala.



Kobo ya Tshepo

Boloka bana ba futhumetse.

NPO 123-098



Bana bohle ba setshwantshong ba fumana kobo.

Ke bana ba bakae? _____

Lekanyetsa	Bala	Bapisa
Ke bashemane ba bakae ba 😊? _____ Ke banana ba bakae ba 😊? _____		



Ba lefa eng?



Gwazi

o reka

tse 2.



Olea

R



Ma. Chaane

o reka

tse 5.



Olea

R



Mabenkeleng a Thembi



ba reka

tse 20.

R

Ba lea

tse 5 ka R50 = R250	tse 10 ka R50 = R500
tse 4 ka R50 = R _____	tse 15 ka R50 = R _____
tse 3 ka R50 = R _____	tse 6 ka R50 = R _____
tse 7 ka R50 = R _____	tse 12 ka R50 = R _____
tse 8 ka R50 = R _____	tse 9 ka R50 = R _____



Ho tla nka nako e kae? Sebedisa khakantana.

Baithuti ba Kereti, ya 3 ba bokella tjehelete ho reka dikobo tse 4.

Ba bokella R5 ka letsatsi ka matsatsi a 5.

Ba hloka dibeke tse kae ho bokella tjehelete ya dikobo?



Teacher:

Sign:

Date:

Lebitso:

57

Dikarolwana: dihalofo le dikotara



Arola dibolo ka ho lekana dipakeng tsa mabokose.

		☐ • Ke dibolo tse kae ka hara lebokose le le leng? ☐ • Ke dibolo tse kae ka hara lebokose le pheresé? ☐ • Ke karola e kae ka hara lebokose le pheresé?
--	--	---



Sheba setshwantsho o nto araba dipotso.

		☐ O badile ditikadikwe tse kae kaofela? ☐ $\frac{1}{2}$ ya sedikadikwe ke bokae? ☐ $\frac{2}{4}$ ya sedikadikwe ke bokae? ☐ $\frac{3}{4}$ ya sedikadikwe ke bokae? ☐ $\frac{4}{4}$ ya sedikadikwe ke bokae?
--	--	--



Tlotso $\frac{1}{2}$ ya sebopeho ka mmala.

Tlotso $\frac{1}{4}$ ya sebopeho ka mmala.

Tlotso $\frac{2}{4}$ ya sebopeho ka mmala.

Tlotso $\frac{3}{4}$ ya sebopeho ka mmala.



Sheba dipampitshana tsa dikarolwana.

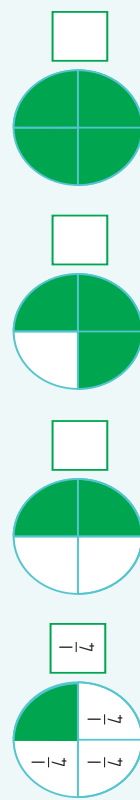
I E feletseng			
$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$

a. Ke di halofo ($\frac{1}{2}$) tse kae tse etsang palo e feletseng?

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

Ke dikotara ($\frac{1}{4}$) tse kae tse etsang halofo?

b. Sheba ditaeeramo mme o ngole karolwana bakeng sa sebaka se ntsho faditsweng.



c. Ke karolwana efe e kgolwanyane ho $\frac{1}{2}$ kapa $\frac{1}{4}$?



Dikarolwana: dihaloo, dikarolwana tsa boraro le tsa botshelela

A-rola makotikoti (disilintere) ka ho lekana dipakeng tsa mabokse.

12	6	$\frac{1}{2}$

Palo ya dibolo:

- Ke dibolo tse kae ka hara labokase le pheresese?
- Ke karolwana e kae ka hara labokase le pheresese?



Sheba setshwantsho mme o arabe dipotso.

$\frac{1}{3}$ ya didikadikwe ke bokae?	$\frac{2}{3}$ ya didikadikwe ke bokae?	$\frac{1}{2}$ ya didikadikwe ke bokae?	$\frac{1}{6}$ ya didikadikwe ke bokae?
$\frac{1}{2}$ ya didikadikwe ke bokae?	$\frac{2}{3}$ ya didikadikwe ke bokae?	$\frac{3}{3}$ ya didikadikwe ke bokae?	$\frac{4}{6}$ ya didikadikwe ke bokae?
$\frac{1}{2}$ ya didikadikwe ke bokae?	$\frac{2}{3}$ ya didikadikwe ke bokae?	$\frac{3}{3}$ ya didikadikwe ke bokae?	$\frac{4}{6}$ ya didikadikwe ke bokae?

Lebitso:



- Bontsha halofo ruleng. E lekana le cm tse _____
- Bontsha karolo ya boraro ruleng. E lekana le cm tse _____
- Bontsha karolo ya botshelela ruleng. E lekana le _____



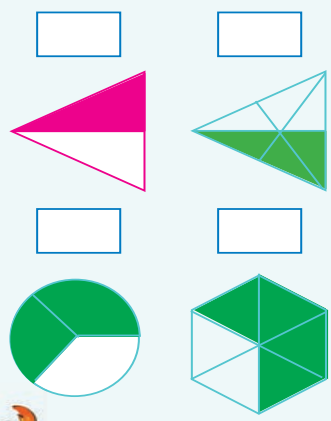
Sheba leqetshwana la dikarolwana. Qetela dipolelo

I eletseng			
$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$
$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$

- Ho na le dihaloo tse _____ tsa palo e eletseng.
- Ho na le dikarolwana tsa boraro tse _____ tsa palo e eletseng.
- Ho na le dikarolwana tsa botshelela tse _____ tsa palo e eletseng.
- Ho na le dikarolwana tsa botshelela tse _____ tsa halofo ya palo.
- Ho na le dikarolwana tsa botshelela tse _____ karolwaneng ya boraro.



Ngala karolwana bakeng sa sebaka se ntshoaditsweng.



Etsa sedikadikwe ho potoloha karolwana e kgalwanyane.

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

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

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



Teacher: _____

Sign: _____

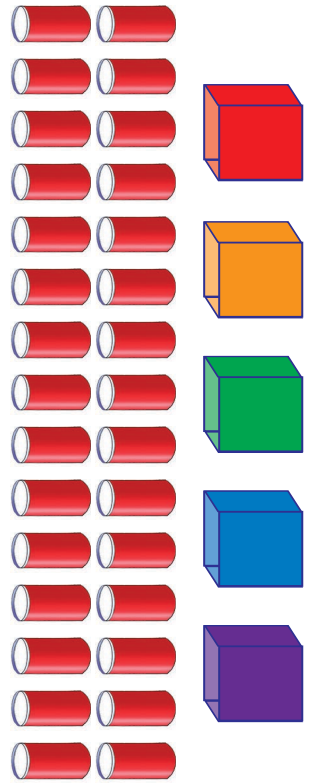
Date: _____

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Kotara ya 2

Dikarolwana: tsa bohllano

Arola makotikoti ho lekana mabokose a 5.



- Ka hara karolo ya bohllano ya mabokose ho ne la makotikoti a .
- Ka hara bobedi bohllanong ya mabokose ho ne la makotikoti a .
- Ka hara tharo bohllanong ya mabokose ho ne la makotikoti a .
- Ka hara nne bohllanong ya mabokose ho ne la makotikoti a .
- Ka hara hlano bohllanong ya mabokose ho ne la makotikoti a .



Sheba setshwantsho o nto araba dipotso.

Ke ditjhokolete tse kae ka hara lebokose?

- $\frac{1}{5}$ ya ditjhokolete e lakana le
- $\frac{2}{5}$ ya ditjhokolete e lakana le
- $\frac{3}{5}$ ya ditjhokolete e lakana le
- $\frac{4}{5}$ ya ditjhokolete e lakana le
- $\frac{5}{5}$ ya ditjhokolete e lakana le

• Ka letsatsi le leng ke le kaja $\frac{1}{5}$ yaditjhokolete. Ho setse ditjhokolete tse kae kaofela?

• Ka letsatsi le leng ke lelele ditjhokolete

tse ding tse $\frac{4}{5}$. Ho setse ditjhokolete tse kae kaofela? 

Tlotsoa disebediswa tse methang ka mmalaa.



Sheba dikarolwana tsa dipampiri o mme o arabe dipotso.

I e eletseng					
$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{1}{6}$
$\frac{1}{3}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$
$\frac{1}{4}$	$\frac{1}{5}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$
$\frac{1}{5}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$
$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$

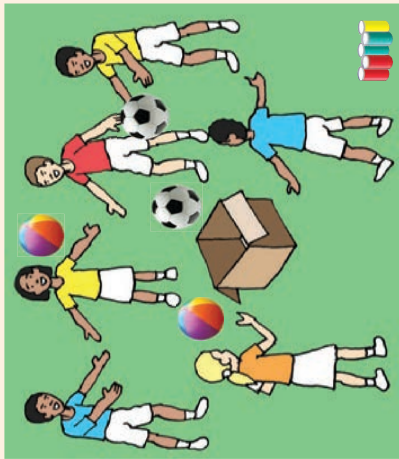
Etsoa sedikadikwe ho e kgolo kapa e nyane haholo.

- $\frac{1}{2}$ (e kgolo haholo) / nyane haholo ho eta $\frac{1}{4}$.
- $\frac{1}{3}$ e kgolo haholo / nyane haholo ho eta $\frac{1}{2}$.
- $\frac{1}{5}$ e kgolo haholo / nyane haholo ho eta $\frac{1}{6}$.
- $\frac{1}{6}$ e kgolo haholo / nyane haholo ho eta $\frac{1}{3}$.
- $\frac{3}{6}$ e kgolo haholo / nyane haholo ho eta $\frac{2}{6}$.



Lebitso:

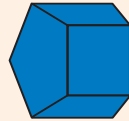
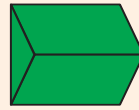
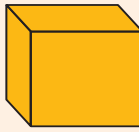
Dinitho tsa sebopeho sa 3D

Bala mabokose (porisima). Bala dibolo (tjhitja). Bala disilintere. 

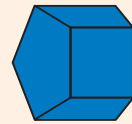
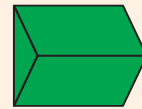
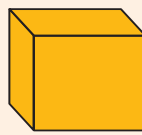
Ana ke mabokose.



Sebedisa leqephe la disehuwa la 3 le 4 ho di etsa.



Papetla ka nngwe e bitswa sefahleho. Kgamaratsa se le seng hodima sefahleho ka seng sa lebokosa.

tshelatekana poresime poresime Na diahleho tsa porisima di sephara kapa di kobehile?

Jwale etsa silindera ho hlaha ho leqephe tshetso 4.

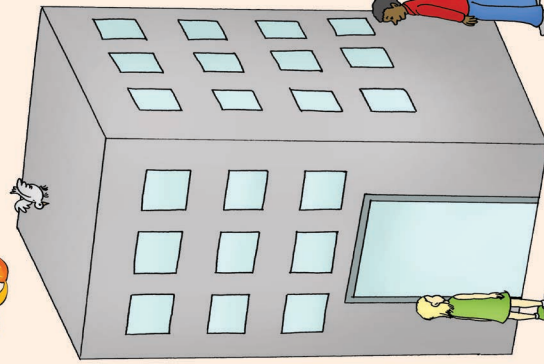
Na diahleho tsa silintere di sephara kapa di kobehile? 

Sebedisa dinitho tsa hao ho bopa tse latelang.

Hlalsa boemo ba silintere o sebedisa mantšwe.

Ka lehlakoreng Ka pele Ka hodimo 

Sebedisa mantšwe a ka tlase ho qetela dipolelo tsena.

Ngwanana o sheba ho modho.Manna o sheba ho modho.Nonyana e sheba ho modho.lehlakore ka hlohang ka mohatleng 



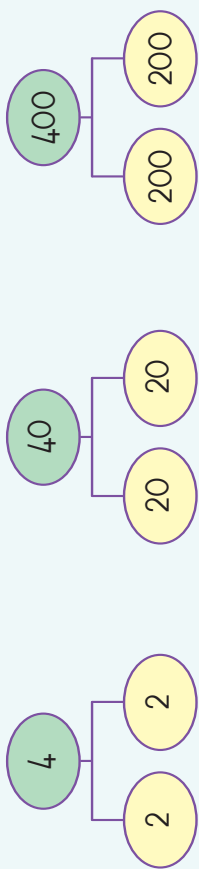
61

Ho pheta habedi le ho Hafola

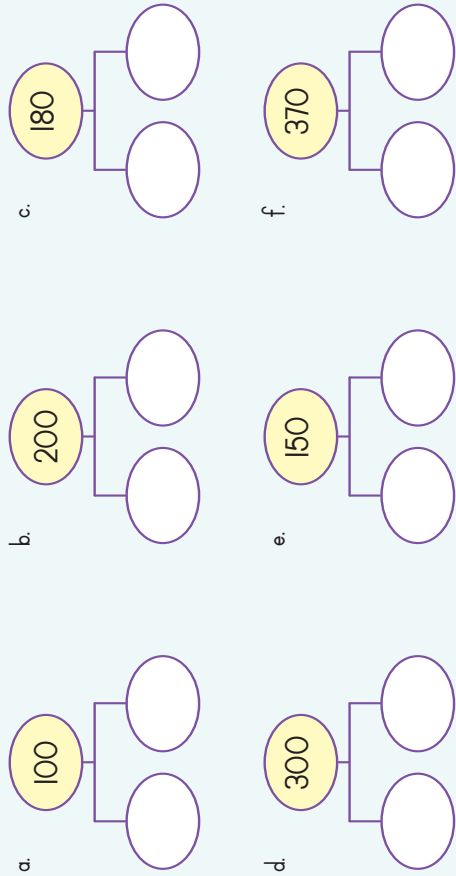
Kotara ya 2

Na o sa hopola? 2 ke halofo ya 4 4 ke 2 habedi
20 ke halofo ya 40 40 ke 20 habedi
200 ke halofo ya 400 400 ke 200 habedi

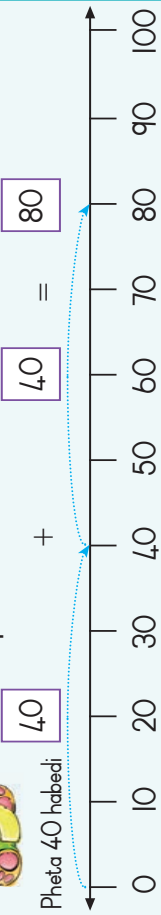
Hopola! Re ka bontsha sena ka setshwantsho ...



Phumano ya halofo



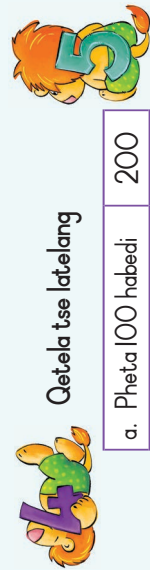
Pheta palo habedi o sebedisa molapalo.
Mohlala wa pele o se o etseditswe.



a. Pheta 60 habedi + =

b. Pheta 150 habedi + =

c. Pheta 200 habedi + =



Qetela tse latelang

a. Pheta 100 habedi	200
b. Pheta 150 habedi	
c. Pheta 120 habedi	
d. Pheta 200 habedi	
e. Pheta 170 habedi	

Qetela tse latelang

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

Teacher: _____
Sign: _____
Date: _____

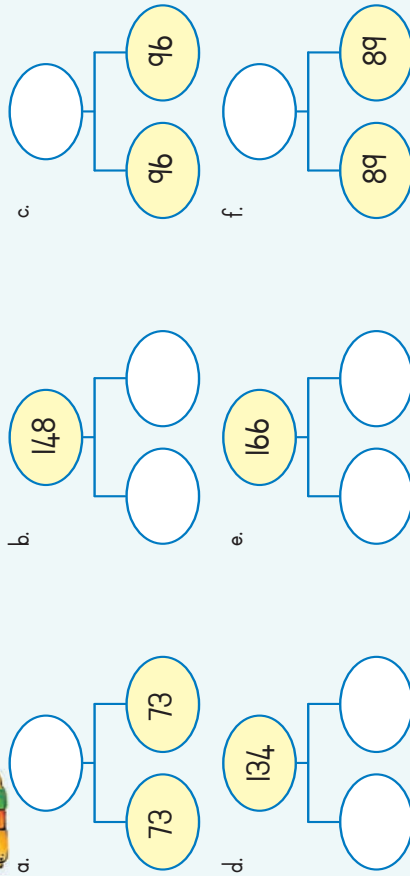
11 12 13 14 15 16 17 18 19 20

1 2 3 4 5 6 7 8 9 10

Lebitso:

Bobedi le halofo hape

Fumana bobedi kapa dihaloo



Bolokela ho ba le baesekela

Peter o boloka R25 ka beke ho reka baesekela.

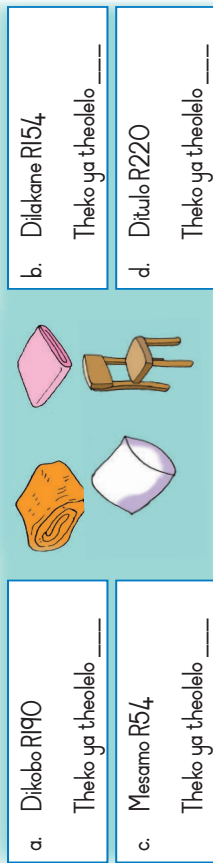
O lokela ho boloka dibekae tse kae?

Karabo: dibekae

Ditheolelo

Thepa yohle e theotswa ka halofo ya theko.

Nga theko ya theolelo havi le thepa ka nngwe.



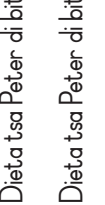
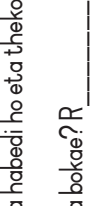
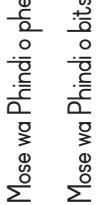
Thekiso R450

Theko e theotsweng:

ke R900

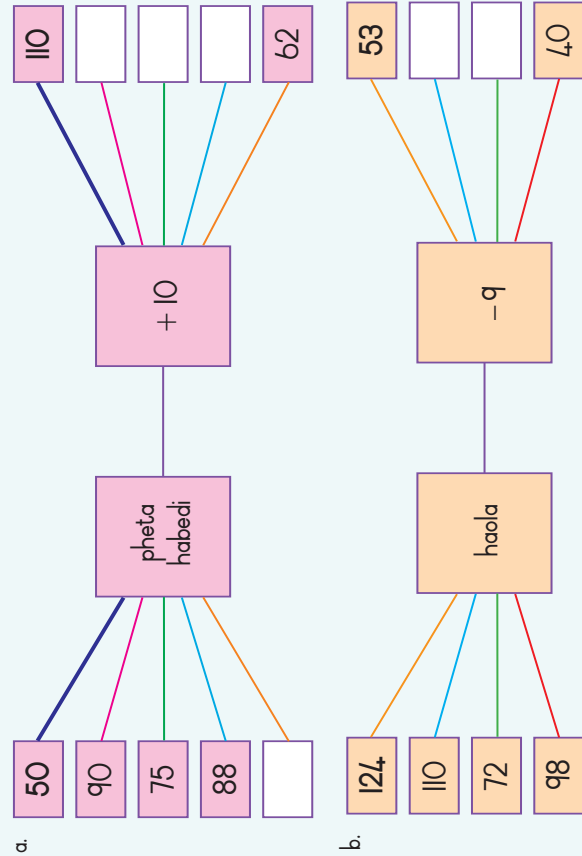


Ke diranta tse kae?

	R135	Musa o batla hempa. O na le halofo ya theko yohle.
	R78.50	O sa ntse o hloka bokae? R _____
		Dietla tsa Peter di bitsa habedi ho eta theko ya tsona.
		Dietla tsa Peter di bitsa bokae? R _____
	R97	Mose wa Phindi o pheta habedi theko ya ona.
		Mose wa Phindi o bitsa hakae? R _____

Ke eng e kengwang? Ke eng e ntshuwang?

Latela mohlala. Tlatsa dipalo tse siilweng.



Lebitso:



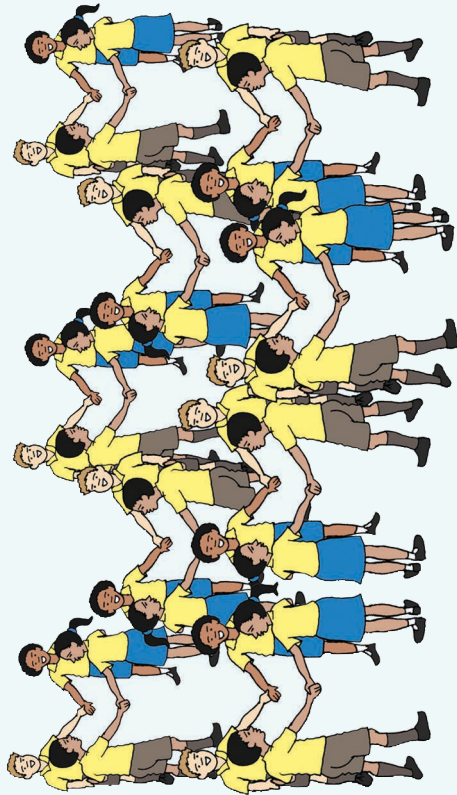
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Hlophisa o kopanye



Hlophisa bana

Mo Ndaba o batla ho arala batihuti dihlopha tse lekanang bakeng sa papadi ya ka ntle. Pele o ba hlophisa ka dihlopha tsa bo 4.

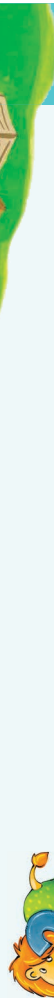


a. Ke bana ba bakae sehlopheng?

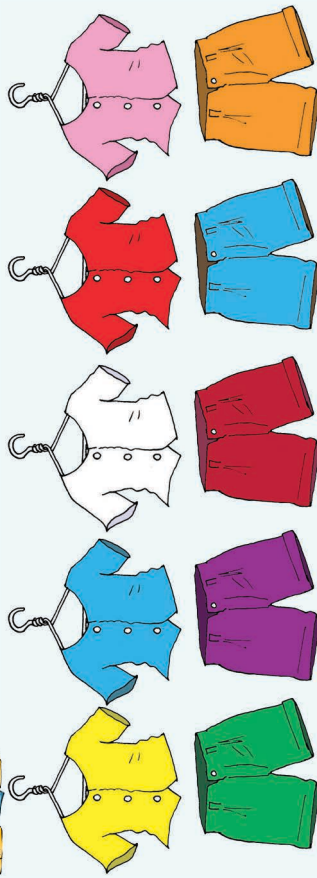
b. O etsa dihlopha tse kae?

c. Bontsha ditsela tsohle tse ding tseo Mo Ndaba a ka di sebedisang ho hlophisa bana.

Lekola. Bapisa. Lokisa diphoso.



Ke diaparo tse kae?



Phindi o na le dihempe tse 5 tse mebala le marikgwe a makgutshwane a mebala a 5. A ka etsa diaparo tse apaneng tse kae a sebedisa metswako e apaneng ya mebala?

Mohlala: Hempe e bolau/borikgwe bo bokgutshwane bo bolou. Hempe e bolou/borikgwe bo bokgutshwane bo mmala wa lamunu.

Ngola tlhaku ya pele ya mmala ka mong. Bontsha diaparo tsohle tse ka kgondhalang.

Lepa: Haeba Phindi a na le mebala apaneng e b ya dihempe le ya marikgwe a makgutshwane?

A ka etsa diaparo tse kae?

Lekola. Bapisa. Lokisa diphoso.



1 2 3 4 5 6 7 8 9 10

11 12 13 14 15 16 17 18 19 20



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Lebadi:

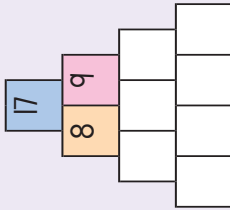
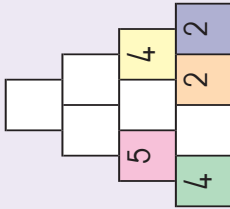
Monate wa dipalo



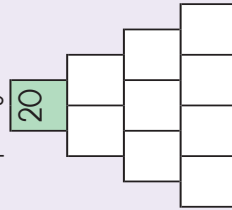
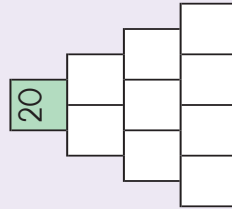
Sheba molao

Sebedisa molao o na o thusa ho fumana nomoro tse sililweng.

Etsa tse latelang



Aha ho fihlela 20 ka mekgwa e meraro e fapaneng.



Fumana dipalo



a. Molawana: Dipalo tse moleng o mong le o mong di tshwanela ho kopanngwa ho etsa 16.

2	5	3	6
			2

b. Molawana: Dipalo tse 3, tsa mela e rapamenng le e theohang ho ya dikholomong tse tlase, kopanya palo yohle e tshwanang.

2	7	6
9		1
	3	8

23	28	21
12		26
		10

c. Molawana: Ngola dipalo tse ding le tse ding tse 5 tse etsang palo e hare ka hara naledi.



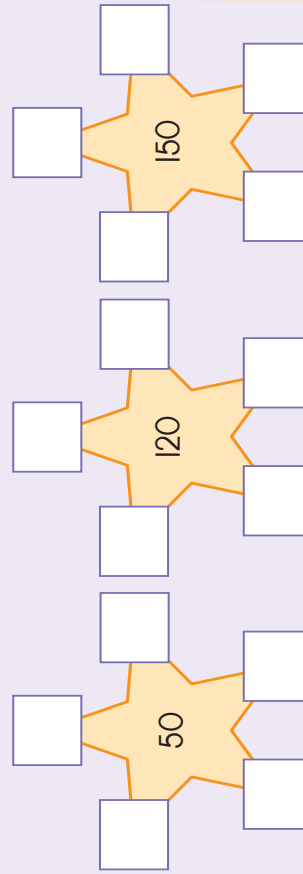
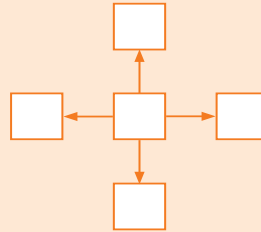
Teko

Inchanel!

Sebedisa nomoro 1, 2, 3, 4 le 5.

Dinomoro tse tharo moleng o mong le o mong di tlameha hore ha di kopanngwa di fane ka 10.

Molawana: Sebedisa nomoro e le ngwe hang feela.



1 2 3 4 5 6 7 8 9 10

11 12 13 14 15 16 17 18 19 20



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

