

Mdi Angie Motshekga,
Tona ya Thuto ya Motheo



Mna Enver Surty,
Motlatša-Tona ya Thuto
ya Motheo

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

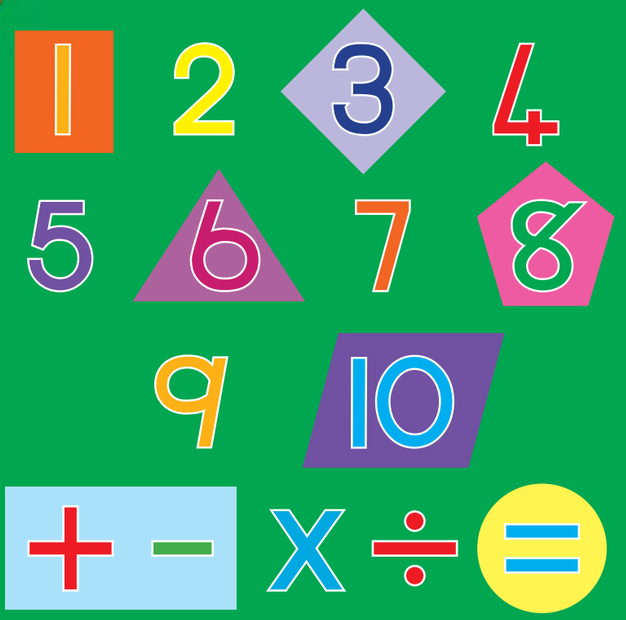
*Rainbow Workbooks di bopa karolo ya mohlwaela wa tsenogare woo maikemišetšo a wona e lego go kaonafatša mošomo wa barutwana ba Afrika-Borwa bao ba lego mephatong ye tshela ya mathomo. Projeke ye, bjalo ka ge e le ye nngwe ya dinepokgolo tša Dithulaganyo tša go Diragatša tša Mmušo, e kgonne go diragala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

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

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

*Re kganyogela lena, barutiši, le barutwana ba lena, katlego, ka tšhomišo ya dipukutšhomo tše.*






Rainbow WORKBOOKS

MATHEMATICS IN SEPEDI
GRADE 3 – BOOK 1
TERMS 1 & 2
ISBN 978-1-4315-0009-3

**THIS BOOK MAY NOT BE SOLD.**

ISBN 978-1-4315-0009-3

MMETSE KA SEPEDI – Mphato wa 3 Puku ya 1



# MMETSE KA SEPEDI

Mphato wa 3

Puku ya 1
Kotara ya 1&2

Leina:

Klase:

basic education
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA





2 x 2=4

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 |
| 4 | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 | 40 |
| 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 |
| 7 | 14 | 21 | 28 | 35 | 42 | 49 | 56 | 63 | 70 |
| 8 | 16 | 24 | 32 | 40 | 48 | 56 | 64 | 72 | 80 |
| 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 |
| 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

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

*© Department of Basic Education*
*Third edition 2013*

*ISBN 978-1-4315-0009-3*

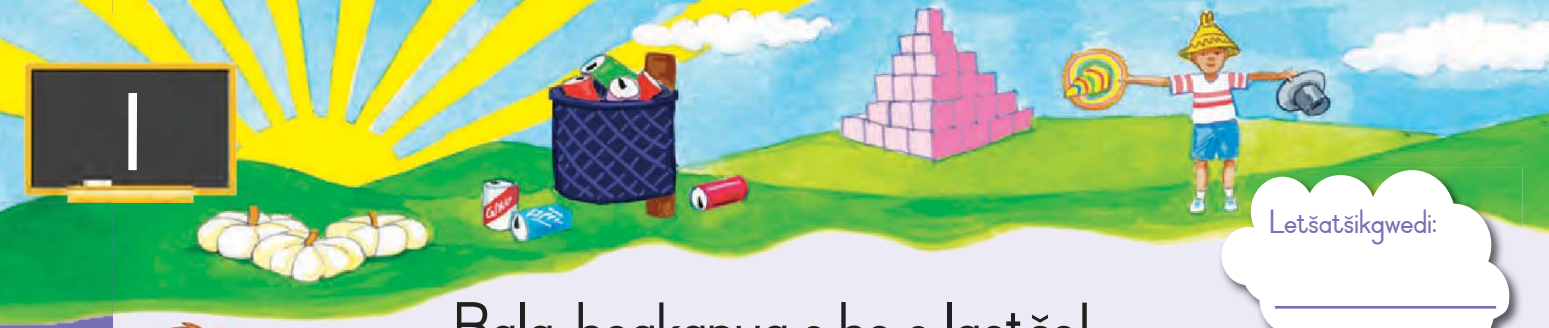
*The Department of Basic Education has made every effort to trace copyright holders but if any have been inadvertently overlooked, the Department will be pleased to make the necessary arrangements at the first opportunity.*

*This book may not be sold.*



basic education
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

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



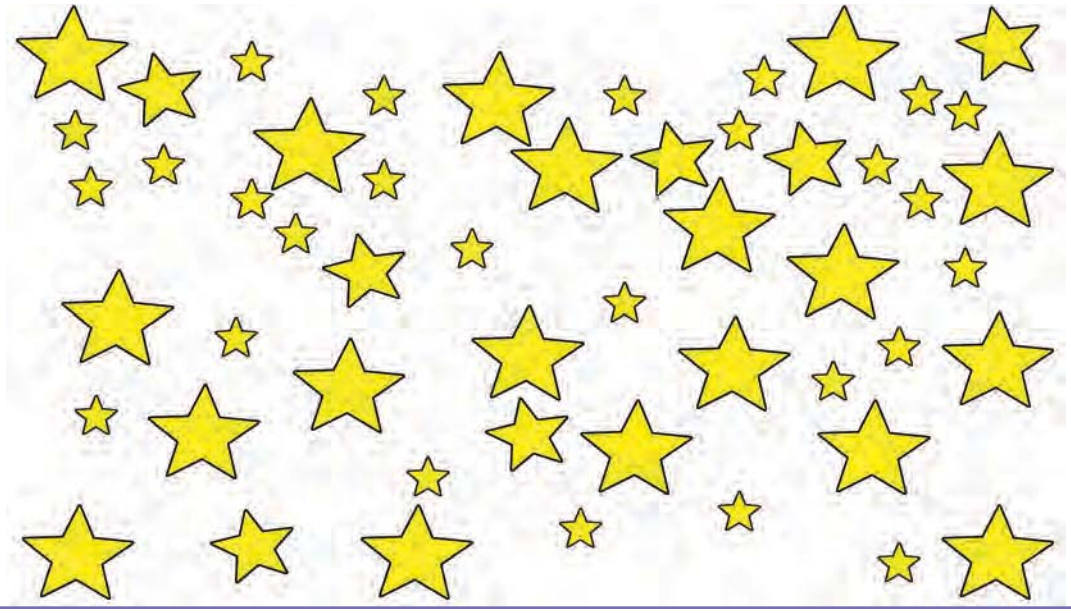

Letšatšikgwedi: _____

# Bala, beakanya o be o laetše!



Na go na le dinaledi tše kae?
Šomang ka sehlopha sa ba bararo.

Bapetša dikarabo.



Akanya gore ke dinaledi tše kae. _____

Bjale di bale! _____




**Hwetša mothopasefoka!**

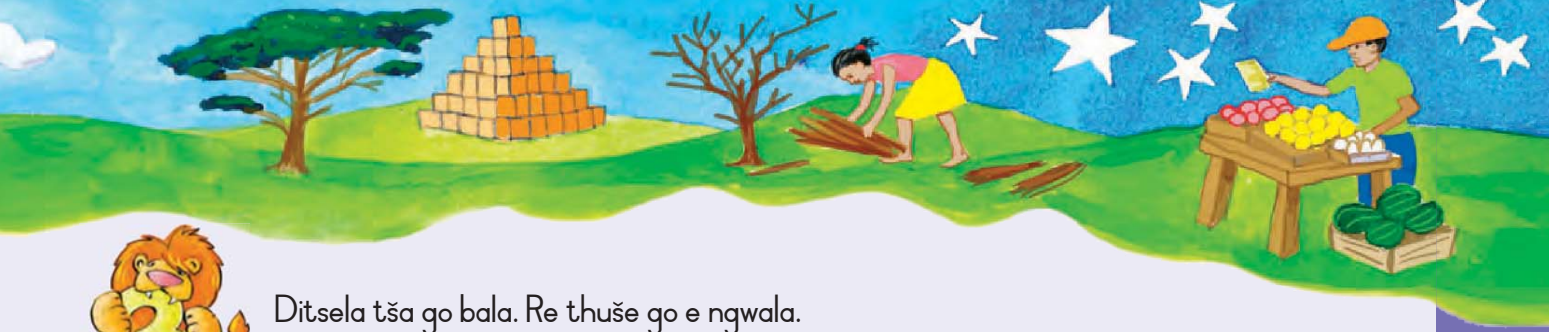
Na ke mang a akantšego go feta ba bangwe?
Ngwala maina a gago le dikarabo ka gare ga lenaneo le.

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





1 2 3 4 5 6 7 8 9 10



Ditsela tša go bala. Re thuše go e ngwala.





Ke badile ka di I.



I, 2, 3, _____

_____



2, 4, 6, _____

_____

I counted in twos.



Ke badile ka di 5





5, _____

_____



_____

_____



Ke badile ka di 10

## Ngwala mafokapalo

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

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

Kgolo Nnyane Bjalo ka ye



\+  = _____

*goba* bjalo ka ye



\+  = _____

gape bjalo ka lefokopalo.

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

Teacher:

Sign:

Date:



11 12 13 14 15 16 17 18 19 20



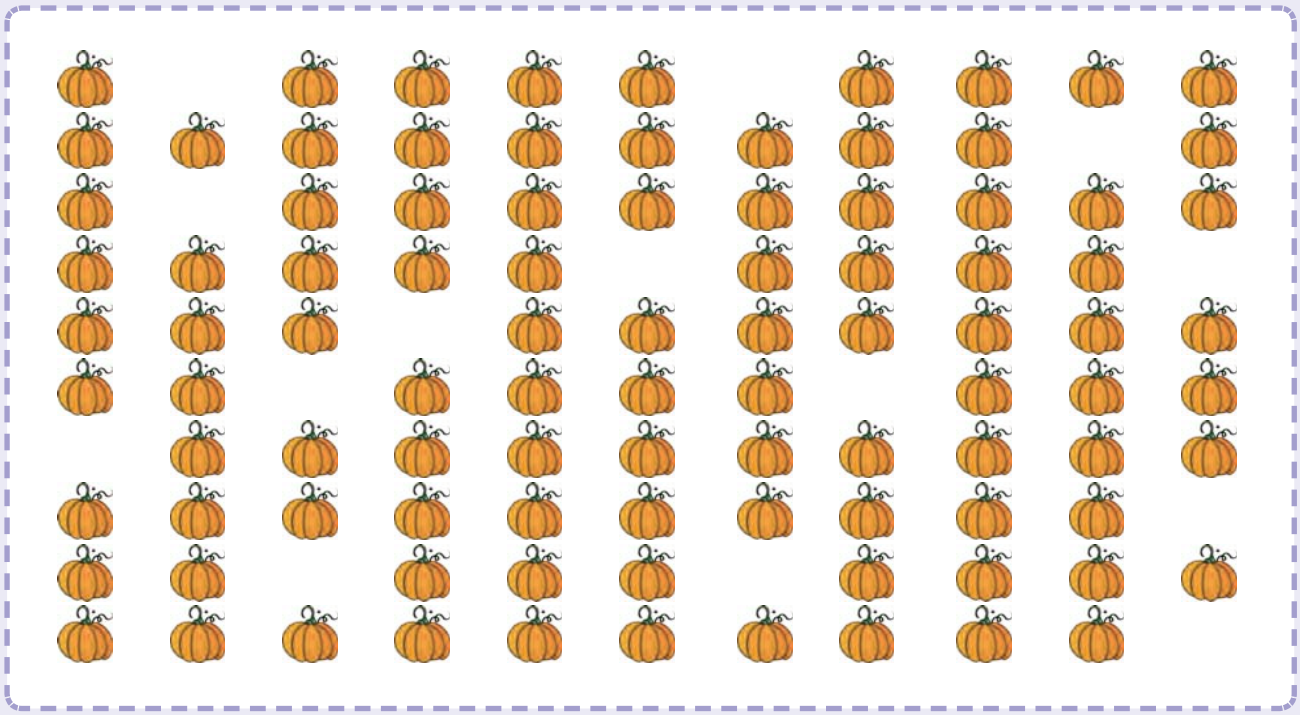

Letšatšikgwedi: _____

# Go bala ka bohlale



## Bala mafodi

Hwetša tsela ye bonolo ya go a bala.



Karabo: _____



## Go paka mafodi

Mafodi a lesome a lokelwa ka mokotlaneng o tee.



Na o ka tlatša mekotlana ye mekae ka mafodi? _____

Na ke mafodi a makae ao a šetšego? _____

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





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

feleletša mafokopalo.

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



a. 10 + 10 + 10 = _____

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



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

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

## Diatla le menwana



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

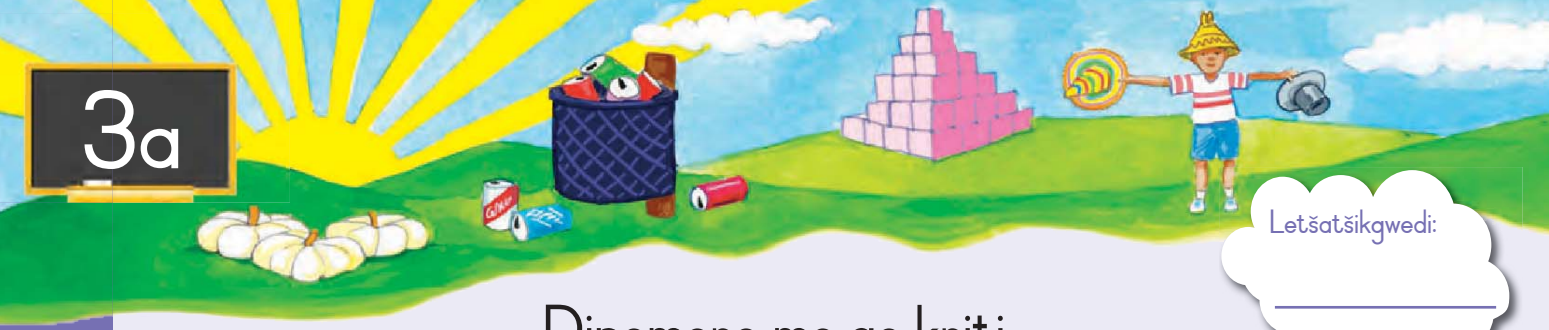
Ngwala dikarabo tša gago ka ditsela tše 2.

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

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



# 3a

Letšatšikgwedi: _____

## Dinomoro mo go kriti



### Go bolela ka dinomoro

Bolela dinomoro ka moka go tloga ka 1 – 100.
Di šupe o le gare o tšwela pele go di bolela.

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



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

b. Ngwala dinomoro tše dingwe.

c. Dinomoro tše serolane ke tša mohuta mang?



### Ngwala dinomoro tše ka mantšu.

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







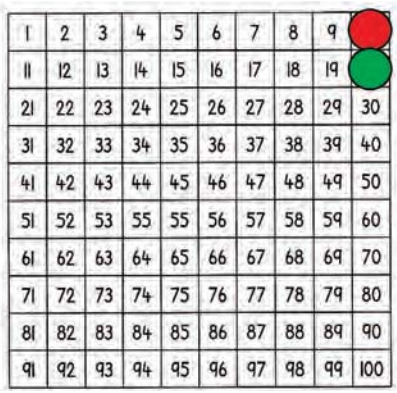
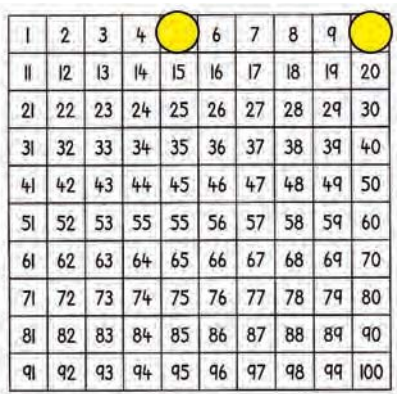
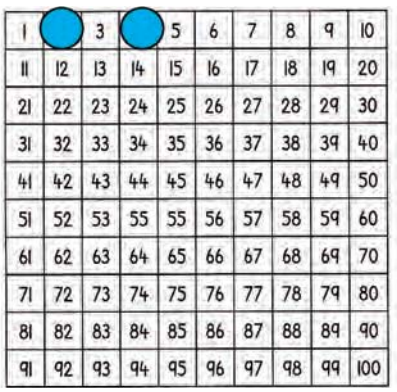


O tla swanela go ba le:
kriti ya dinomoro 1–100.

## Go bala le go hlopha



Sega dibaledi mo lephepheng la 1 la disengwa.
Di bee ka bothakga ka mokgobo.
Itokišetše go bala!
Šomiša kriti ya gago ya dinomoro le dibaledi tša gago (Lephephe la go segwa la 2).

| | | |
|---|---|---|
|  |  |  |
| Bala o be o hlophe di-10. | Bala o be o hlophe di-5 go tloga ka 0–100. | Bala o be o hlophe di-2. |
| Bala ka di-10 go tloga ka 10 go fihla ka 100. | Bala ka di-5 go tloga ka 5 go fihla ka 100. | Bala ka di-2 go tloga ka 2 go fihla ka 100. |
| Ngwala ka di-10 go tloga ka 10 go fihla ka 100. | Ngwala ka di-5 go tloga ka 5 go fihla ka 80. | Ngwala ka di-2 go tloga ka 2 go fihla ka 100. |
| | | |

Teacher:
Sign:
Date:





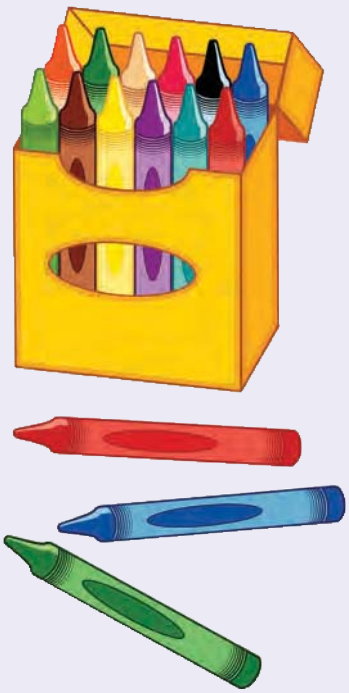
3b

Letšatšikgwedi: _____

# Dinomoro mo go kriti (di tšwela pele)

## Go nyaka dipatrone

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



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

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

_____

_____

_____

_____







## Go bala ka dipatrone

Ngwala dinomoro tšeo di tlogetšwego.

0; 10; 20; _____; _____; 50; _____; _____; 80; _____; 100; _____;

_____; 130; _____; _____; 160; _____; _____; _____; 200

0; 5; 10; _____; _____; 25;_____; _____; 40; _____; 50; 55; _____;

_____; 70; _____; _____; 85; _____; _____; 100

0; 2; 4; 6; _____; _____; 12; _____; _____; 18; _____; 22; 24; _____;

_____; 30; _____; _____; 36; 38; _____; _____; _____; 46; _____;

0; _____; 8; _____; 16; 20; _____; 28; _____; 36; _____; _____;

_____; 52; _____; _____; 64; _____; 72; _____; 80

0; _____; 10; _____; 20; _____;30; _____; 40; _____; _____; 55;

60; _____; 70; 75; _____; 85; _____; _____; 100

0; 3; _____; 9; _____; 15; 18; _____; 24; _____; _____; 33; _____; 39;

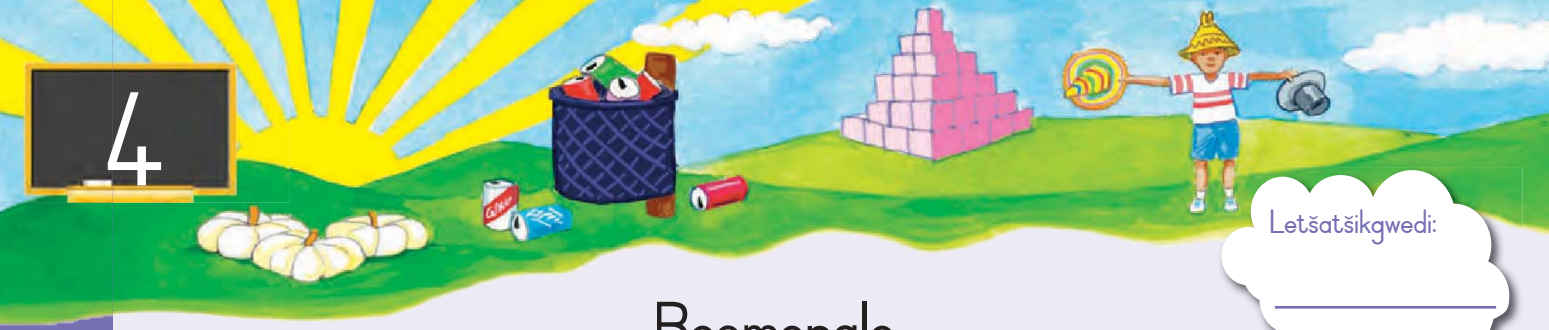
_____; 45; _____; _____; 54; 57; _____; 63; _____; _____; 72; 75

Teacher:

Sign:

Date:





Letšatšikgwedi: _____



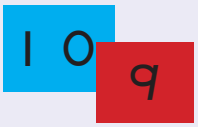
# Boemopalo



## Go laetša dinomoro tša gago

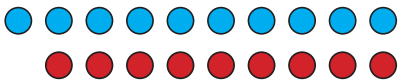
Ntšha dikarata tša dinomoro go tšwa lephepheng la go segwa la 3.
Šomiša dikarata go hlama dinomoro tše.

19 43 69 54 35





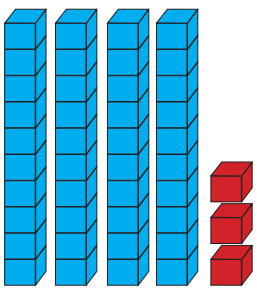

19

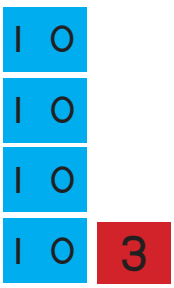





10 + 9 = 19

43






40 + 3 = 43

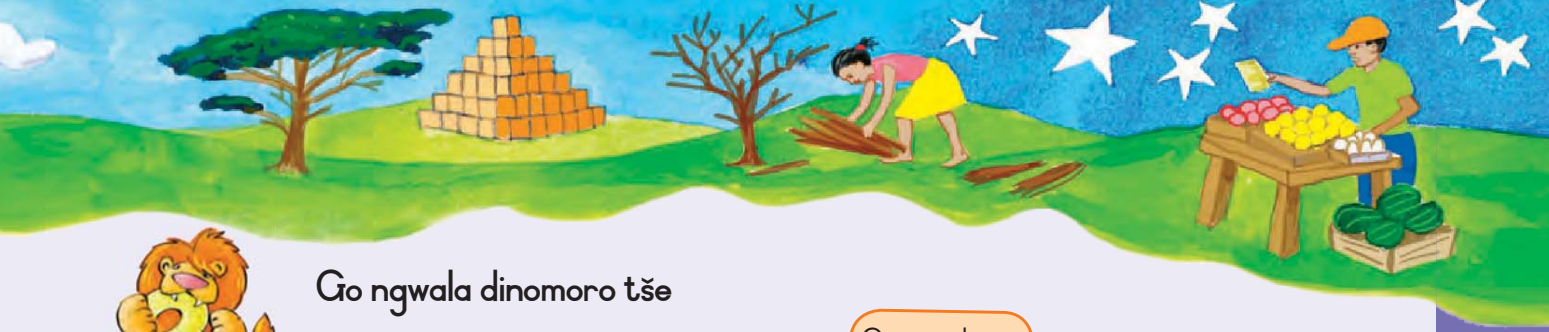
Bjale itirele mo go dinomoro tše, o šomiša disegwa tša 1 le tša 3.

54

35

69







## Go ngwala dinomoro tše

Re go diretše ya mathomo.

Gape re ka re di I tše 9

| 19 | 10 + 9 | lesome le di-1 tše 9 | lesomesenyane |
|---|---|---|---|
| 43 | | | |
| 69 | | | |
| 54 | | | |
| 35 | | | |
| 21 | | | |
| 73 | | | |
| 44 | | | |
| 32 | | | |
| 89 | | | |
| 17 | | | |
| 95 | | | |
| 56 | | | |
| 68 | | | |
| 67 | | | |



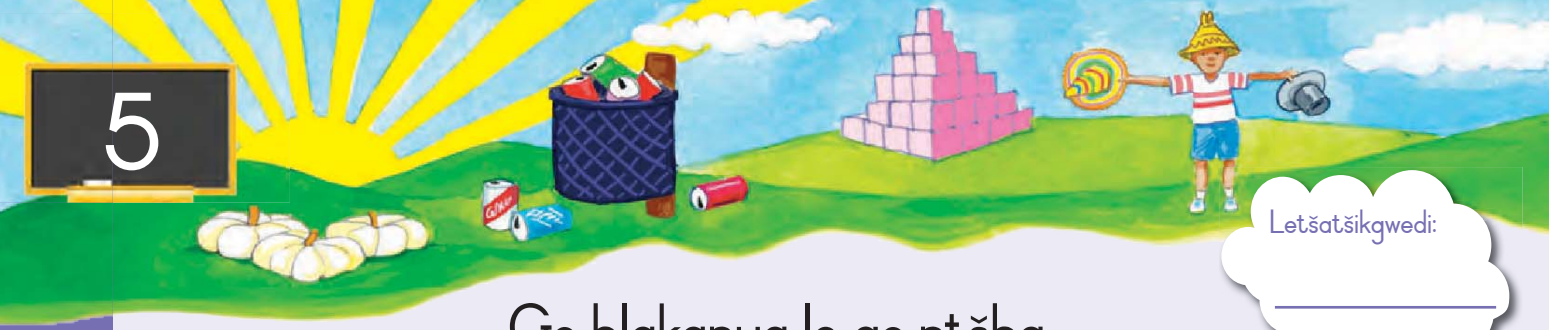
Ngwala dinomoro tše hlano tša mathomo tša lenaneong la ka godimo ka tatelano go tloga ka ye nnyane go ya go ye kgolo.

_____; _____; _____; _____; _____

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20




Letšatšikgwedi: _____

# Go hlakanya le go ntšha



## Lebenkele la Lebo

Mesong Lebo o na le diphakete tše 31 tša diapola.
Ka letena o šetše ka diphakete tše 13.



a. Na Lebo o rekišitše diphakete tše kae? _____

b. Ngwala karabo ya gago bjalo ka tsela ya lefokopalo.

_____ – _____ = _____

Ngwala mafokopalo a mangwe a mahlano go laetša karabo ya go swana.
14 – 9 = 6 _____ _____ _____ _____ _____



## Poeletšo ya dinomoro

Ngwala dikarabo.

1+2=3




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



## Dipalo tša go sepelelana

5 | 9 | 14

Mehlala ya meloko ye ya dinomoro še:

| | |
|---|---|
| 9 + 5 = 14 | 5 + 9 = 14 |
| 14 – 9 = 5 | 14 – 5 = 9 |



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

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



Ke ile go dira bjalo le ka 12.

12

| 1 + 11 = 12 | | | |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Teacher:

Sign:

Date:





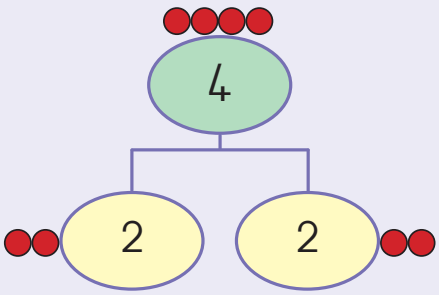

Letšatšikgwedi: _____

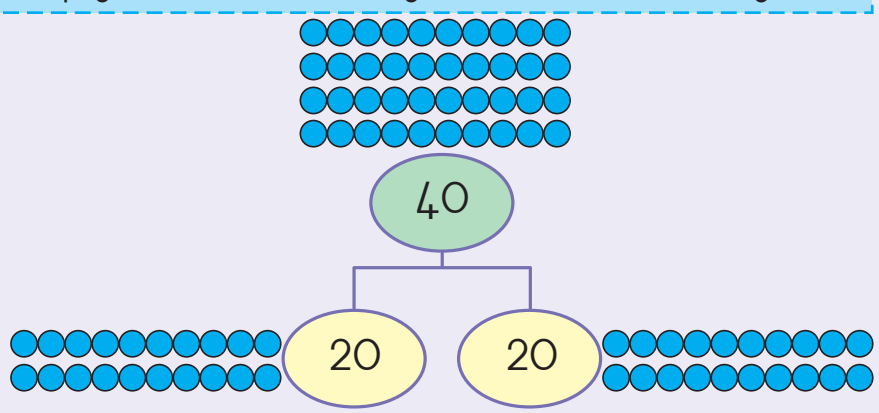
# Dipedifatšwa le diripagare

Na o a gopola?

2 ke seripagare sa 4 | 20 ke seripagare sa 40 | 4 ke 2 gabedi | 40 ike 20 gabedi

Re ka laetša se ka sethalwa

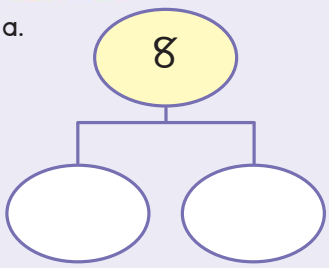


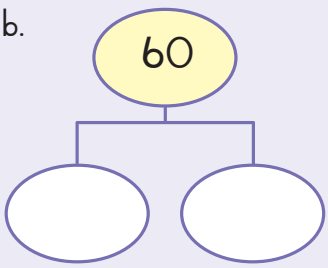



## Go hwetša dipedifatšo goba diripagare

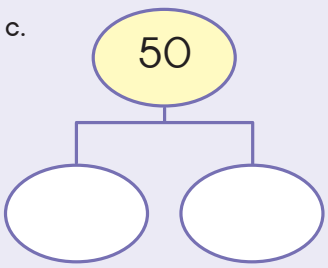
a.



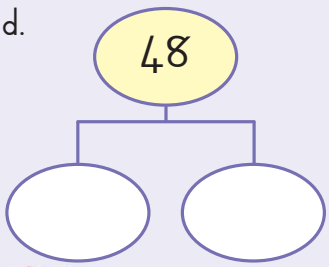

b.



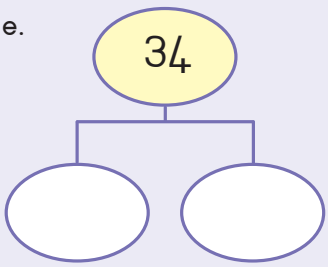

c.



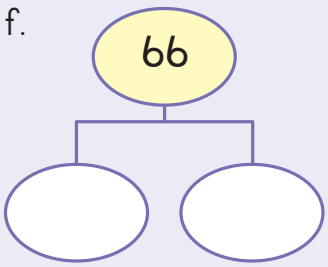

d.




e.




f.






## Tlhohlo

Hwetša seripagare sa 3

E laetše bjalo ka nomoro goba leina palo.
Sethalwa se ka go thuša.





Pedi fatša nomoro o šomiša mothalopalo.
O filwe mohlala wa mathomo.

a. 4 gabedi

4 + 4 = 8



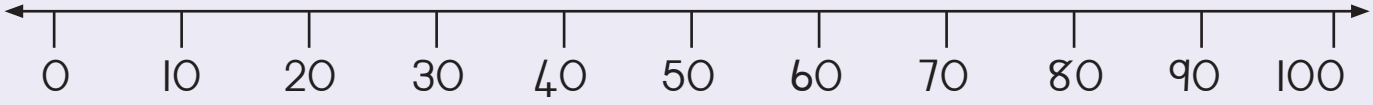

b. 5 gabedi

____ + ____ = ____



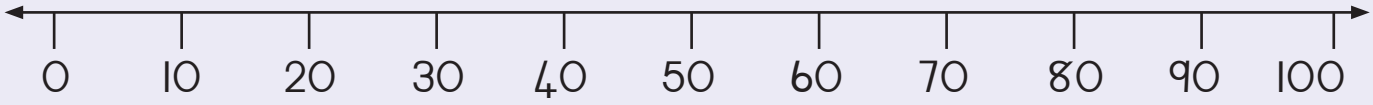

c. 20 gabedi

____ + ____ = ____




d. 40 gabedi

____ + ____ = ____






## Feleletša tše di latelago

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



## Feleletša tše di latelago

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





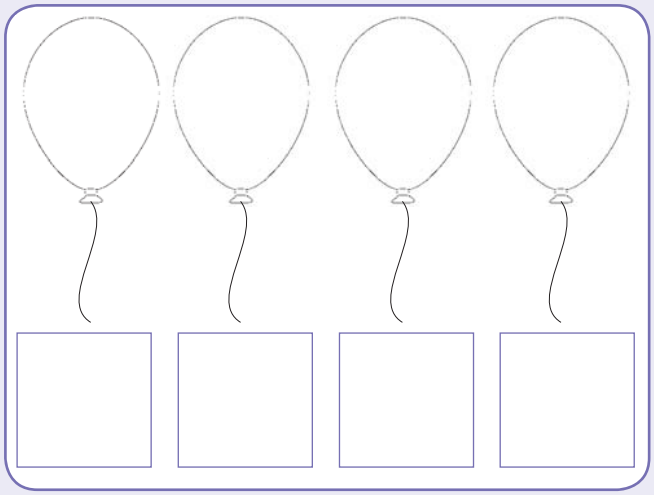




Letšatšikgwedi: _____

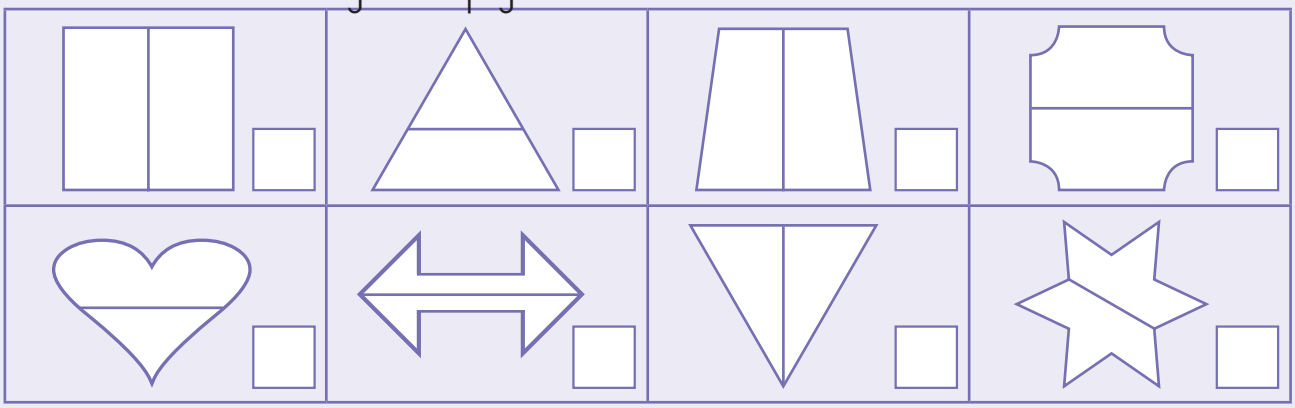
# Dipalophatlo

Khalara kotara ya dipalune ka bohubedu, tše dingwe ka botalalerata.
Khalara seripagare sa lepokasi ka bohubedu.





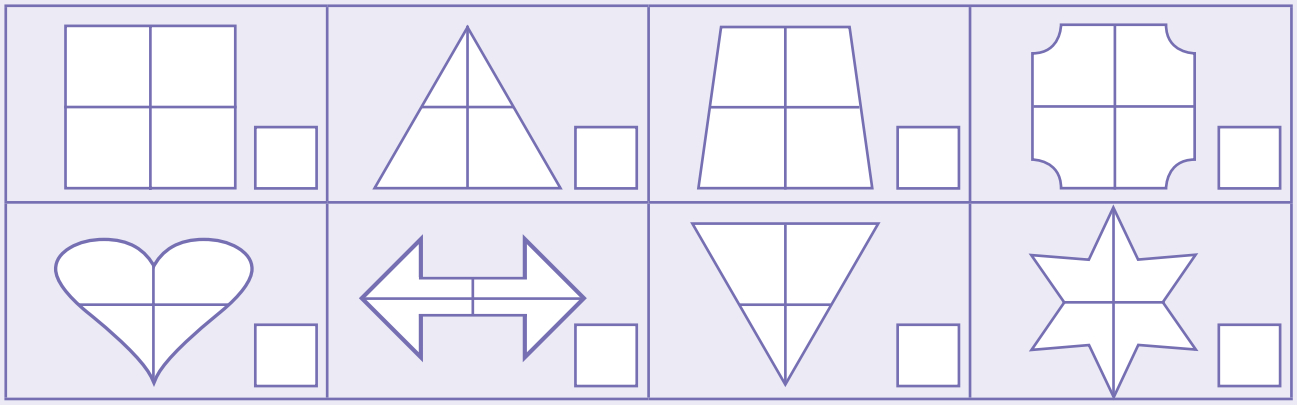
Lebelela seswantšho. Swaya dibopego tše di laetšago diripagare.
Khalara seripagare se tee sa sebopego se sengwe le se sengwe se se arotšwego ka diripagare.





Lebelela dibopego. Swaya dibopego tše di laetšago dikotara.

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



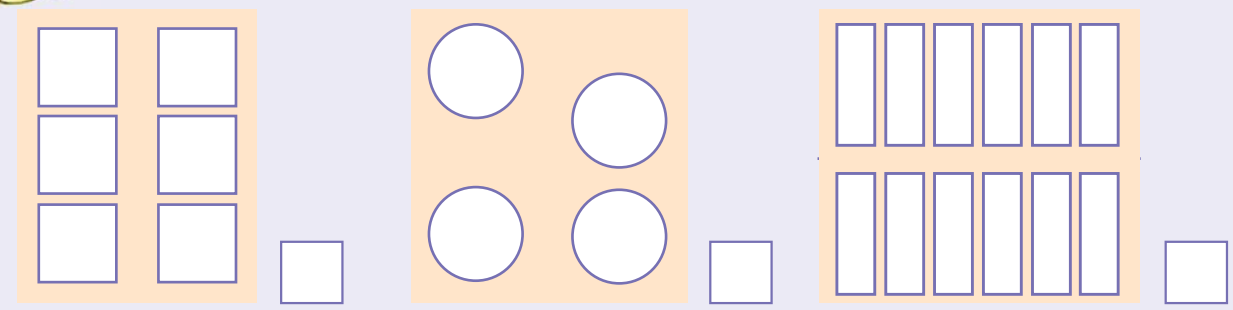






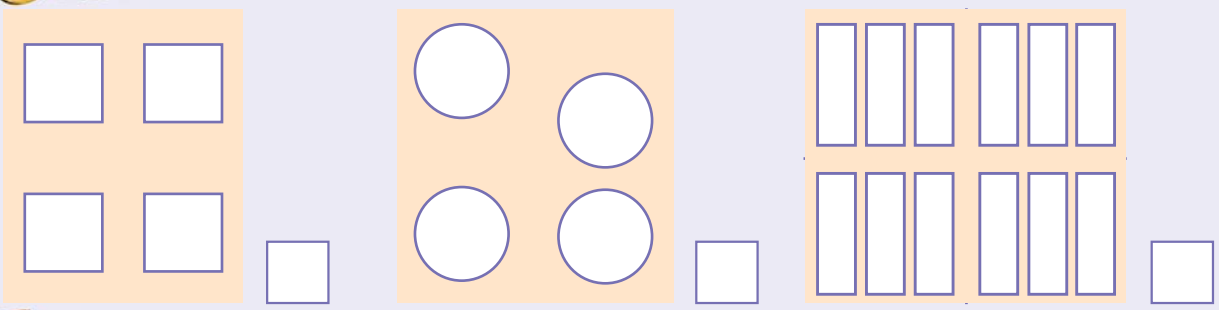


Khalara seripagare sa dibopego. Na seripagare sa palo ya dibopego ke eng?





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



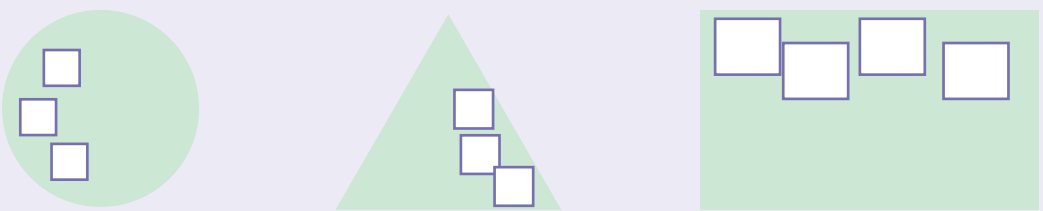


Ngwala e be ka seka sa palophatlo.

Seripagare ☐ Kotara ☐

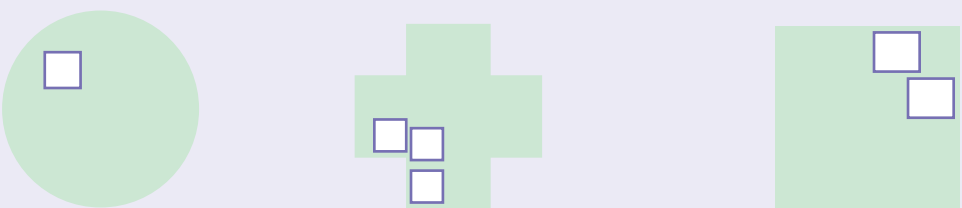


Thala dibopego tše dingwe gape o dire gore diripagare di lekane.





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



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20




Letšatšikgwedi: _____

# Go beakanya tšhelete



## Setokofeleng

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






| | |
|---|---|
| Lekanyetša palomoka ya tšhelete | R_____ |
| Bala tšhelete. | R_____ |

Bapetša ditekanyešo le dipalomoka



## Go boloka tšhelete



Makete o boloka tšhelete ya go reka phere ya dieta tša theko ya R89.
Ga bjale o na le seripagare sa tšhelete.
Na o sa nyaka bokae?
Ngwala lefokopalo go laetša karabo ya gago.

_____ _____ _____







## Pankeng

Maria o beakanya tšhelete ya pampiri ka mekgobo ya di 10.

O sa swere tšhelete ye nngwe ya pampiri.

Ngwala palomoka ya seswantšho se sengwe le se sengwe.



| | Palomoka |
|---|---|
|   | R_____ |
|   | R_____ |
|   | R_____ |

## Tlhohlo

### Leeto la serapeng sa diphoofolo

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

Ba reka dithekethe tša R90.

Na ke bana ba bakae? _____

Na ke batho ba bakae ba bagolo? _____

Na go na le karabo ye nngwe?

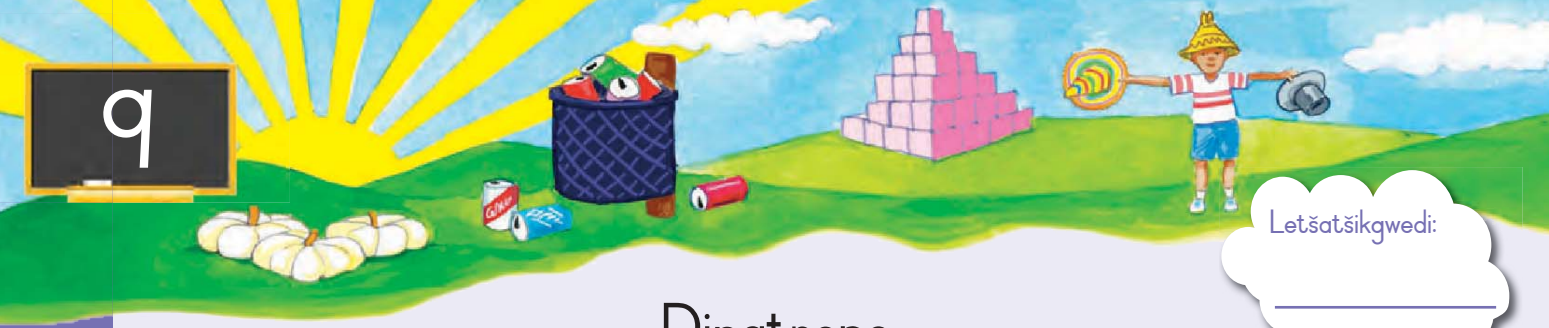
Batho ba bagolo _____ Bana _____




Teacher:

Sign:

Date:




Letšatšikgwedi: _____



# Dipatrone



Šomiša papetla ye ya dinomoro tša 200 go araba dipotšišo.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 |
| 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 |
| 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 |
| 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 |
| 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 |
| 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 |
| 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 |
| 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 |
| 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 |



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

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





Ngwala dinomoro tše di latetšego mo go patrone ye nngwe le ye nngwe.
Bjale khalara patrone.

Go bala ka **dihlano**.

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

Go bala ka **dipedi**.

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

Go bala ka **ditharo**.

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

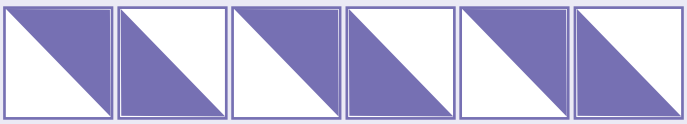
Go bala ka **masome**.

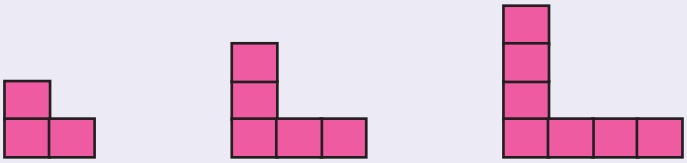
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 10 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |



Godiša patrone.







Teacher:
Sign:
Date:



# 10

Letšatšikgwedi: _____

## Dibolo, mapokisi le disilintere.







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





Khalara karabo ya maleba.



Lepokisi

Disilaete | Dirolo



Silintere

Disilaete | Dirolo



Bolo

Disilaete | Dirolo



1 2 3 4 5 6 7 8 9 10



## Khalara karabo ya maleba.



Morumo wa kgokolo

Morumothwii



Morumo wa kgokolo

Morumothwii



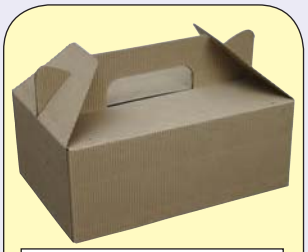
Morumo wa kgokolo

Morumothwii



Morumo wa kgokolo

Morumothwii



Morumo wa kgokolo

Morumothwii



Morumo wa kgokolo

Morumothwii



Morumo wa kgokolo

Morumothwii



Morumo wa kgokolo

Morumothwii

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



Ka morago ga | Ka pele ga

Kgauswi le | Godimo ga



Ka morago ga | Ka pele ga

Kgauswi le | Godimo ga



Ka morago ga | Ka pele ga

Kgauswi le | Godimo ga



Ka morago ga | Ka pele ga

Kgauswi le | Godimo ga

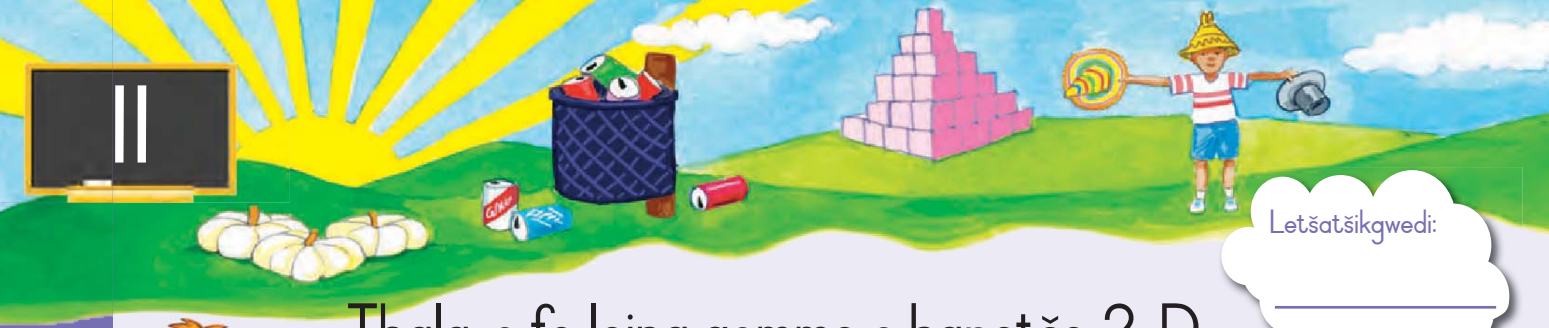
Teacher:

Sign:

Date:



11 12 13 14 15 16 17 18 19 20



Letšatšikgwedi:



# Thala, o fe leina gomme o bapetše 2-D



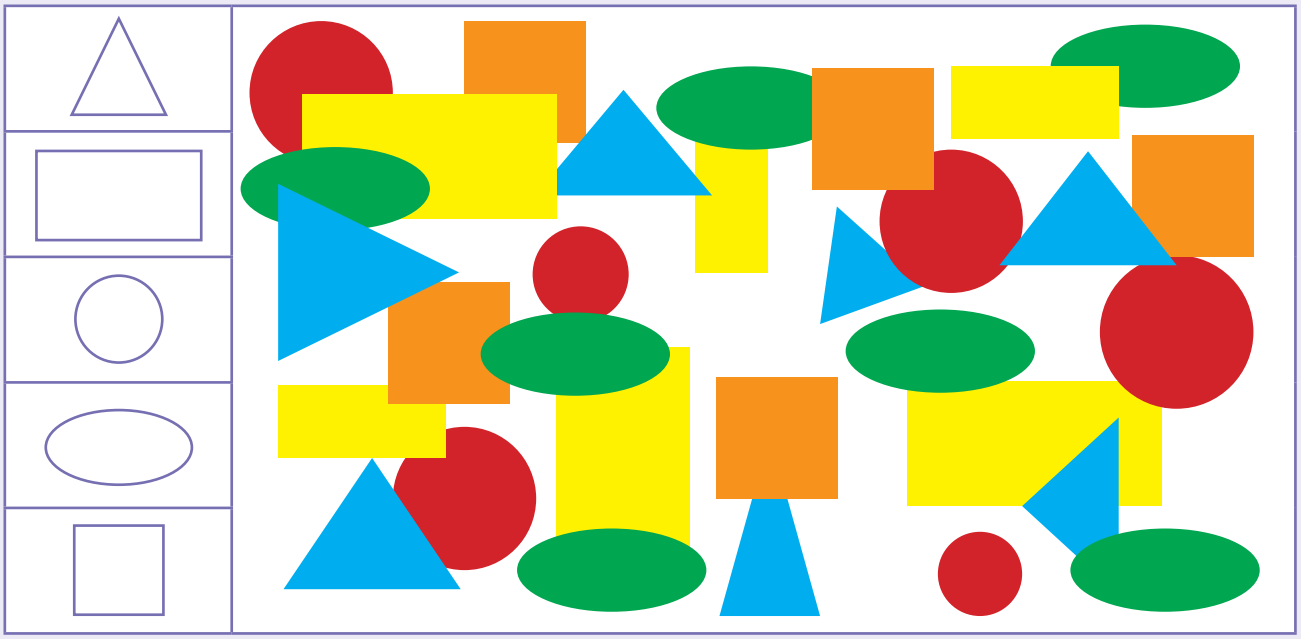
## Thala dibopego

| | | | |
|---|---|---|---|
| Khutlotharo | | Sediko | |
| Sekwere | | Khutlonnethwi | |



## Go bala dibopego

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







1 2 3 4 5 6 7 8 9 10

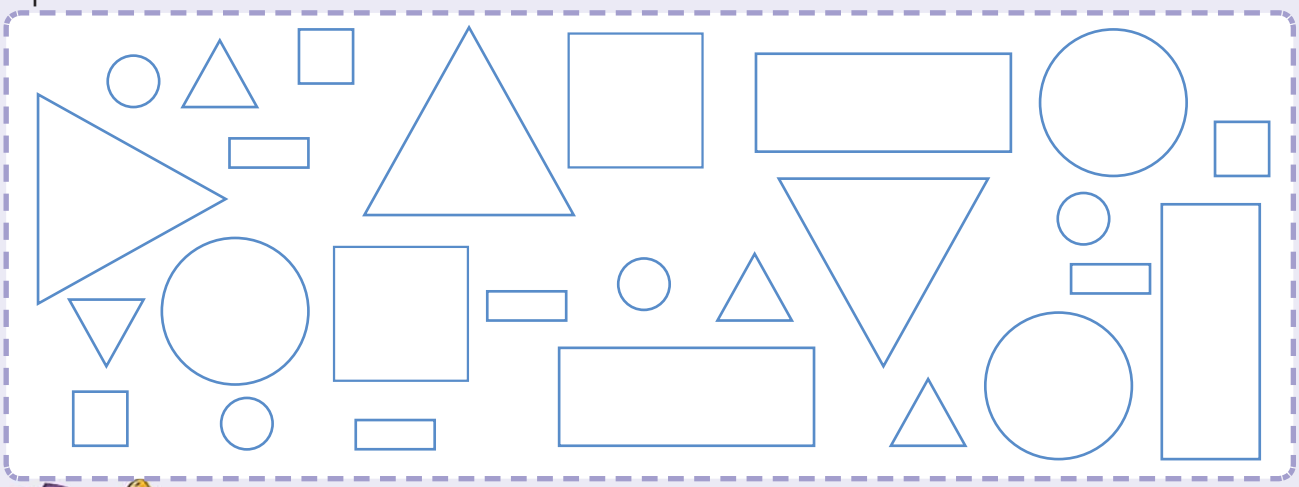




## Khalara didiko ka moka tše



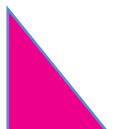
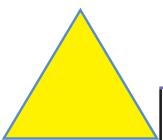
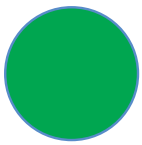
kgolo ka bohubedu, tše nnyane ka botalamorogo;
dikhutlotharo tše kgolo ka botalalerata, dikhutlotharo tše nnyane ka mmala wa namune;
dikwere tše kgolo ka boserolane, dikwere tše nnyane ka phepholo;
dikhutlonnethwi tše nnyane, tsotho, le dikhutlonnethwii tše nnyane, bopinki.





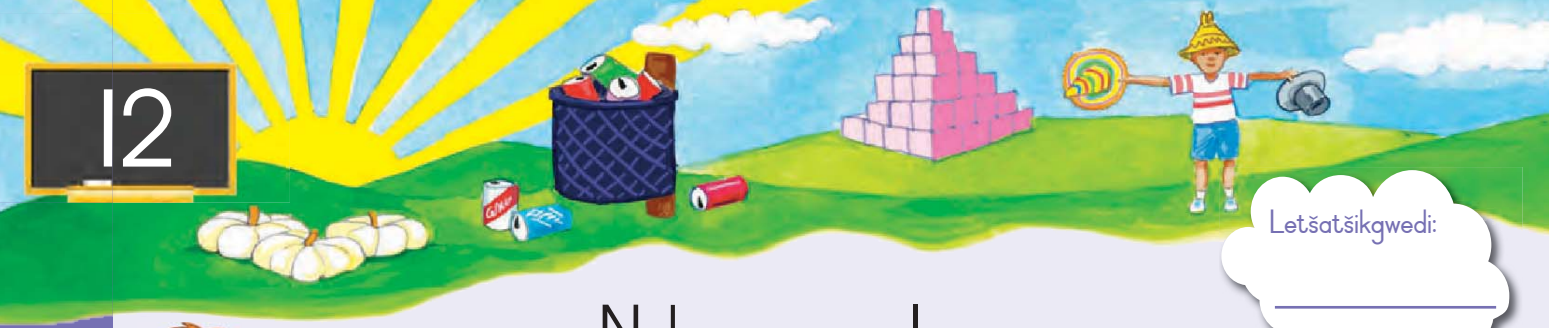
## Na ke mahlakore a makae?

Na sebopego se sengwe le se sengwe se na le mahlakore a makae?
Ngwala karabo ka gare ga ploko. Re go diretše ya mathomo.
Na mahlakore ke a thwii goba a nkgokolo? Khalara karabo ya maleba.

| | | | |
|---|---|---|---|
|  Thwii: 3 / Nkgokolo |  Thwii / Nkgokolo |  Thwii / Nkgokolo |  Thwii / Nkgokolo |
|  Thwii / Nkgokolo |  Thwii / Nkgokolo |  Thwii / Nkgokolo |  Thwii / Nkgokolo |





12

Letšatšikgwedi: _____

# Nako e a sepela



## Go bala nako

Na dišupanako tše di laetša dinako dife?



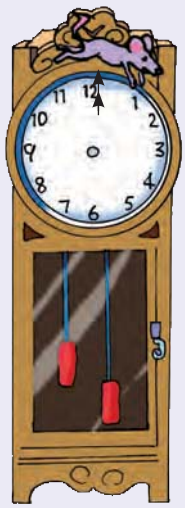



iri ya _____ iri ya _____ iri ya _____ iri ya _____



## Šupa dinako tše di fapanego mo go tšhupanako

Thuša legotlo Mimi go bala metsotso ka di 5.
Thoma go 12. Eya le dinomoro go dikologa tšhupanako ka moka.



O badile metsotso ye mekae? _____

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



## Go ngwala nako

Thala manakana go laetša dinako.



Metsotso ye 10 go tšwa go iri ya 6



metsotso ye 20 go tšwa go iri ya 8



metsotso ye 5 go tšwa go iri ya 11



metsotso ye lesometharo go tšwa go iri ya 5





Tumi o ya sekolong.





O tloga ka gae.



O fihla sekolong.

Na Tumi o tšea nako ye kaakang? _____



## Letšatši la go paka

Maria o paka borotho.



Borotho bo tsena ka gare ga onto.



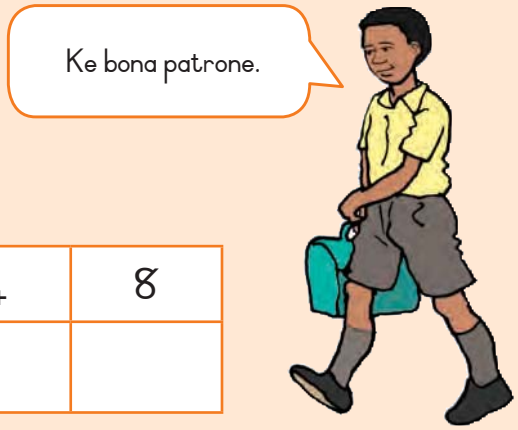
Borotho bo a tšwa.



Borotho bo pakwa metsotso ye _____



## Tlhohlo




Nako yeo e okeditšwego gabedi.

a. Fetolela diiri go metsotso.

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

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

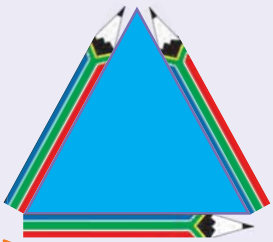
Teacher:
Sign:
Date:

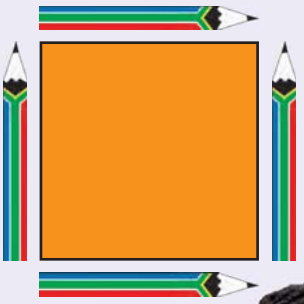
13

Letšatšikgwedi: _____

# Go meta botelele











Lehlakore le lengwe le le lengwe la khutlotharo ye ke botelele bja diphensele tše 2.

Lehlakore le lengwe le le lengwe la sekwere se, ke botelele bja diphensele tše 4.



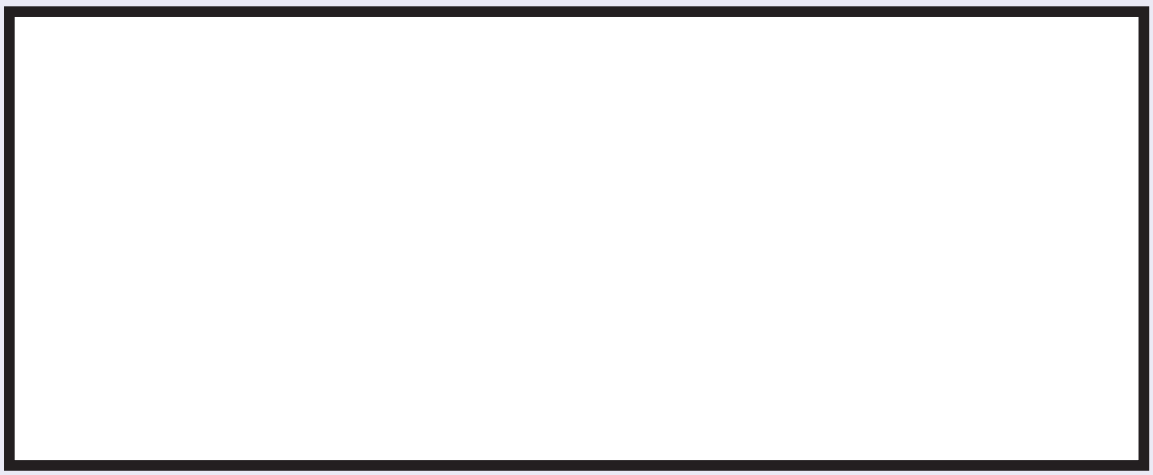


Ga ke tsebe botelele le bophara bja khutlonnethwi.

Khutlonnethwi e na le botelele bja diphensele tše kae? ☐

Khutlonnethwi e na le bophara bja diphensele tše kae? ☐

botelele →





bophara

O šomišitše bjang diphensele go bala?



1 2 3 4 5 6 7 8 9 10

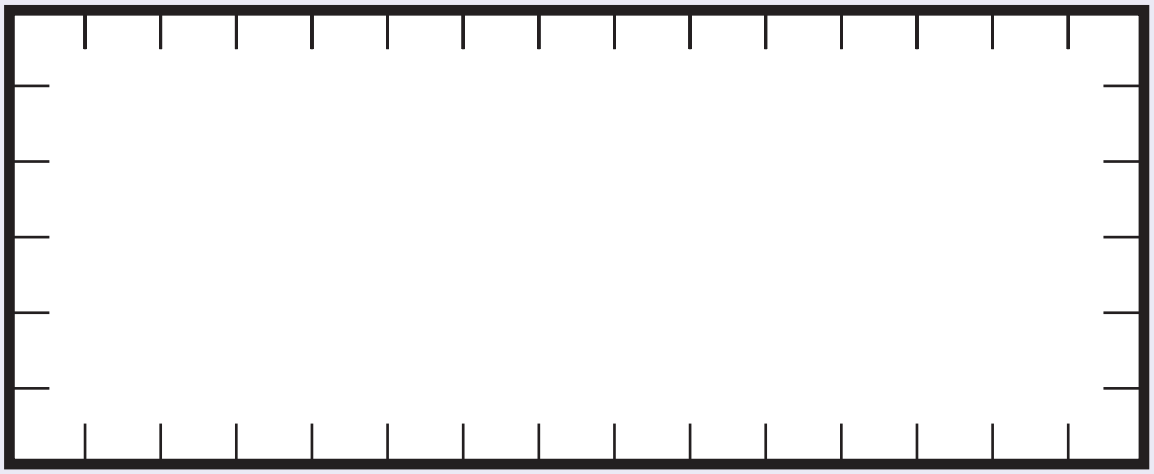


## Botelele bja go makatša

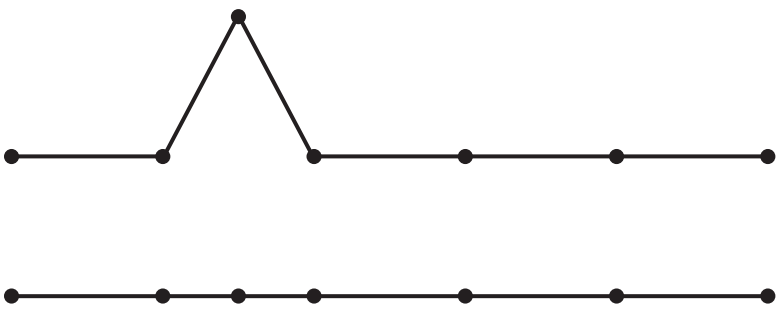
a. Na o nyaka methalo ye mekae ye mehubedu ya go khupetša mothalo wo moso?



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



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

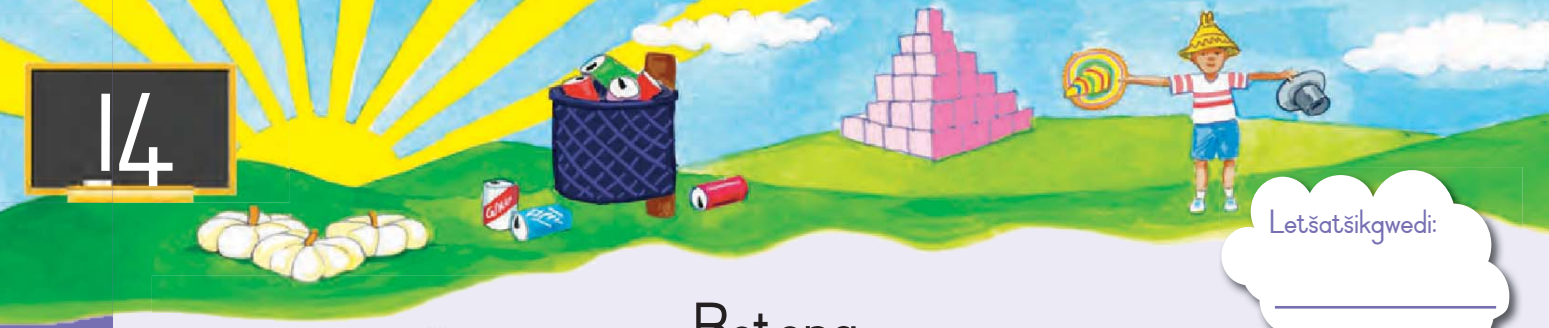


Karabo _____

Lebaka? _____

Teacher:
Sign:
Date:





14

Letšatšikgwedi: _____

# Boteng





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

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

_____



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

a.



Ka gare ga setšhelo [1] Go nyakega gape [9]

b.



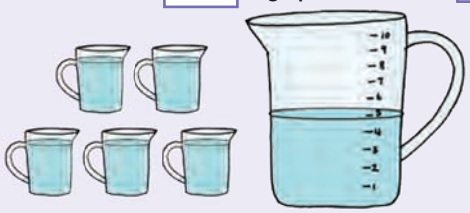
Ka gare ga setšhelo [ ] Go nyakega gape [ ]

c.



Ka gare ga setšhelo [ ] Go nyakega gape [ ]

d.



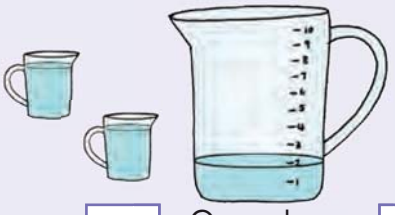
Ka gare ga setšhelo [ ] Go nyakega gape [ ]

e.



Ka gare ga setšhelo [ ] Go nyakega gape [ ]

f.



Ka gare ga setšhelo [ ] Go nyakega gape [ ]



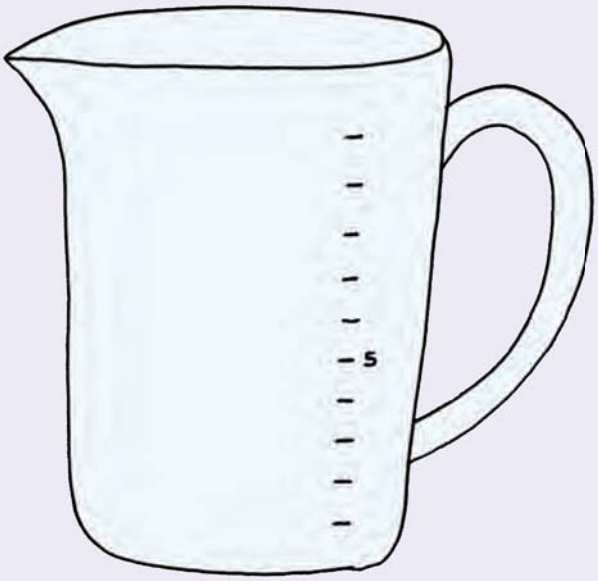






Ngwala makga a go khutša jekeng ye ya go ela . Re bontšhitše lekga la 5.

Tlatša makga a mangwe a go khutša mo go jeke.




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

a. 4 _____?

b. 6 _____?

c. 8 _____?

d. 10_____?



Swaya ditšhelo tšeo di swarago litere e I ya seela.
















Teacher:

Sign:

Date:





Letšatšikgwedi: _____

# Go šoma ka boima



## A re ele boima bja rena!




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

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



41 kg



38 kg



41 kg



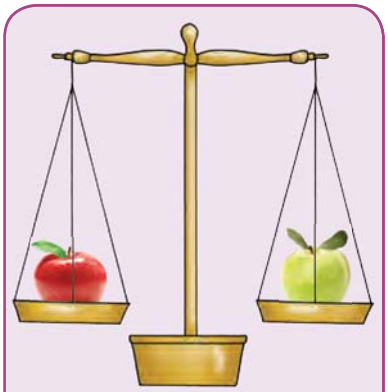
42 kg



39 kg



## Re šomiša sekala sa go lekanyetša, go ela.



Mo go sekala se bobedi bja diapola ka moka di kala go swana.





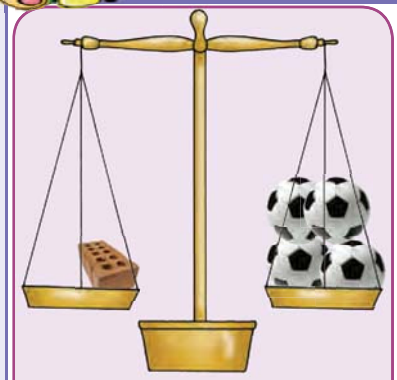
Araba di pštsišo. Ngwala a goba b.

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

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

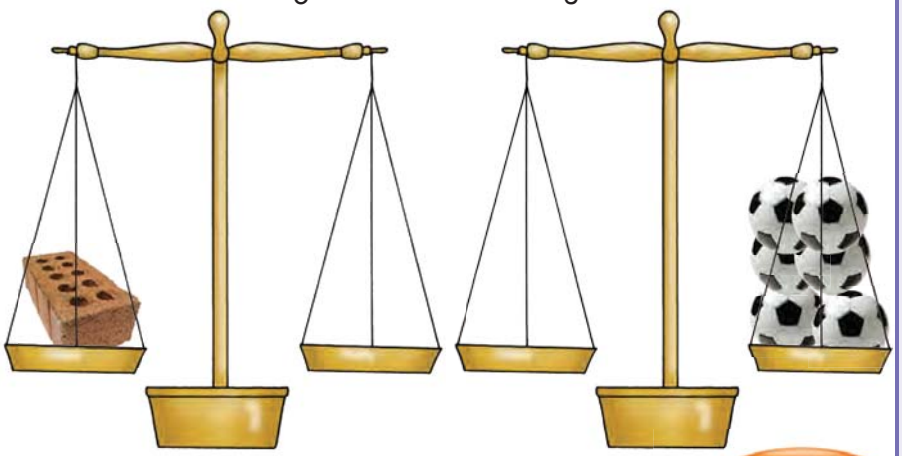
## Lekanyetša dikala.

Re go diretše sa mathomo.



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

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



Ge phasela e tee e kala 3kg. Tše _____ di tla kala?



a. 2 _____

b. 3 _____

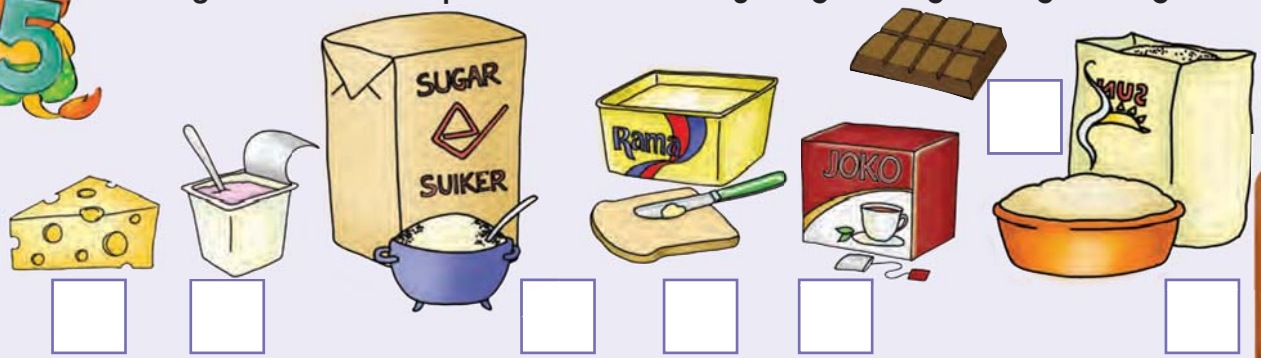
c. Na nka kgona go kala diphasela tše 4 ka nako e tee mo sekaleng sa ka moraleng? _____

Ka lebaka la eng? _____

_____

_____

## Swaya ditšhelo tša diphakete tša boima bja 1 kg, 500g, 250g, 200g.




Teacher:

Sign:

Date:



16

Letšatšikgwedi: _____

# Go šoma ka difiwa



## Dieta ka phapošing



Bala kanegelo.

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

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

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

Mdi Maredi o ngwala disaese letlapeng.

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

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

Ngwala lenaneo la ka tlase.

| Disaese tša dieta tša ka phapošing | | | | | |
|---|---|---|---|---|---|
| Saese ya 1 | Saese ya 2 | Saese ya 3 | Saese ya 4 | Saese ya 5 | Saese ya 6 |
| | | | | | |



## Bjale thala seswantšho

 = morutwana o tee

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

Bjale arabang dipotšišo tše.

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

b. Palo ye nnyane e apara saese ya _____.

c. Bana ba_____ ba kgathile tema dinyakišišong.

## Na wena?

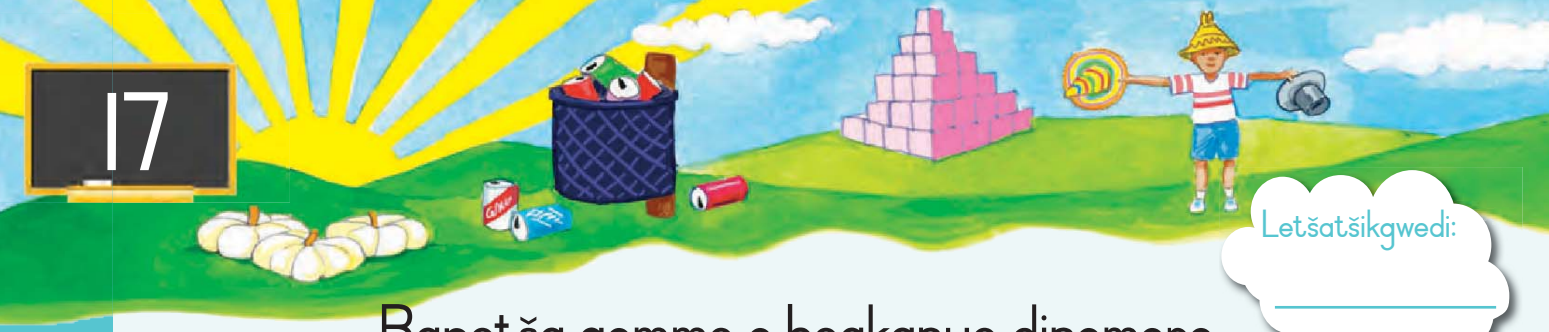
Nyakišiša gore na wena le bagwera ba gago le apara disaese dife tša dieta!

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



Teacher:
Sign:
Date:

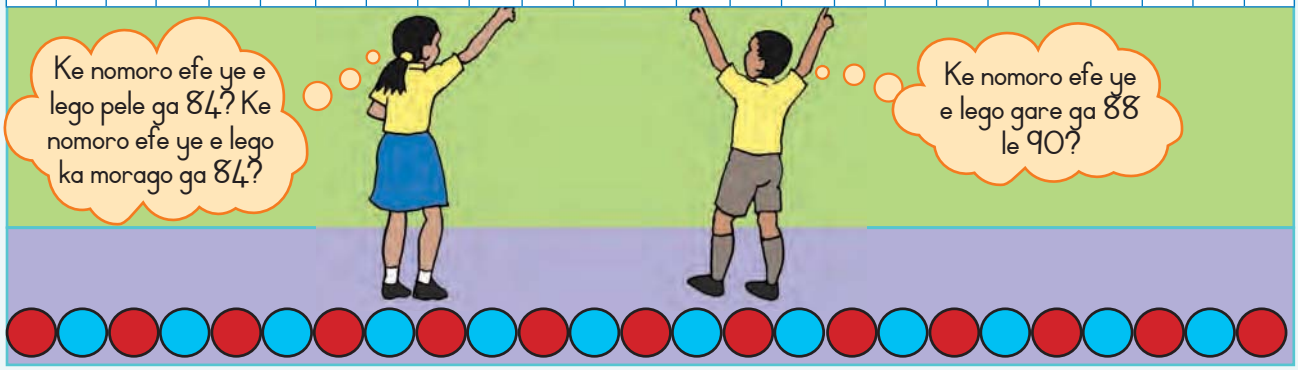





Letšatšikgwedi: _____

# Bapetša gomme o beakanye dinomoro

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






Ngwala dinomoro tše di tlogetšwego.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 51 | | | | | | | | | |
| | | | | | | 67 | | | |
| 71 | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | 100 |

Šomiša papetla ya dinomoro o arabe dipotšišo.

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









Feleletša lenaneo le. Thoma ka nomoro ye e filwego.

| | E tee go feta | E tee ka tlase ga | Tše lesome go feta | Tše lesome ka tlase ga |
|---|---|---|---|---|
| 25 | | | | |
| 39 | | | | |
| 74 | | | | |
| 56 | | | | |
| 40 | | | | |



Dira sediko go nomoro ye kgolo.

| | | |
|---|---|---|
| 78 | 87 | 17 |

| | | |
|---|---|---|
| 36 | 63 | 33 |

Dira sediko go nomoro ye nnyane.

| | | |
|---|---|---|
| 99 | 19 | 9 |

| | | |
|---|---|---|
| 14 | 41 | 40 |



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

64 [ > ] 32 23 [ > ] 18

57 [ ] 98 89 [ ] 57



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








18

Letšatšikgwedi: _____

# Kemapalo ya 99



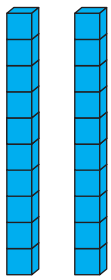
## Go laetša dinomoro o šomiša dilo.

Go matlakalatšhomo a mangwe re šomišitše mekgobo ya dikotana tše 10 le dikotana tša go sepela di le tee go laetša dinomoro tše dikgolo.

Re ka laetša dinomoro ka dibloko tša dikemapalo.

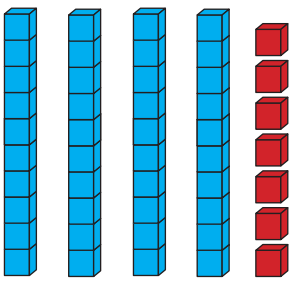
Ploko ye nnyane e emetše 1.

Kgolo ya ditshipi tše 10 tše nnyane tša diploko di emetše 10. Ke 10.

| Masome | Metšo |
|---|---|
|  |  |

O ka laetša nomoro ka go šomiša masome le metšo.

Ye ke tsela ya go laetša 47.



| Masome | Metšo |
|---|---|
| 4 | 7 |

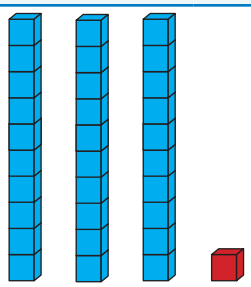
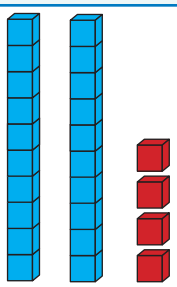
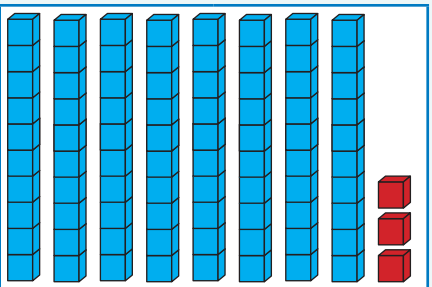
masomennešupa

47



## Go ngwala dipalo ka meno le mantšu

a. Ka tlase ga seswantšo, ngwala nomoro ya masome le nomoro ya metšo. Ngwala nomoro gomme o e ngwale le ka mantšu.

|  | |  | |  | |
|---|---|---|---|---|---|
| Masome | Metšo | Masome | Metšo | Masome | Metšo |
| 3 | 1 | | | | |
| 31<br>masometharotee | | _____<br>_____ | | _____<br>_____ | |





1 2 3 4 5 6 7 8 9 10



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



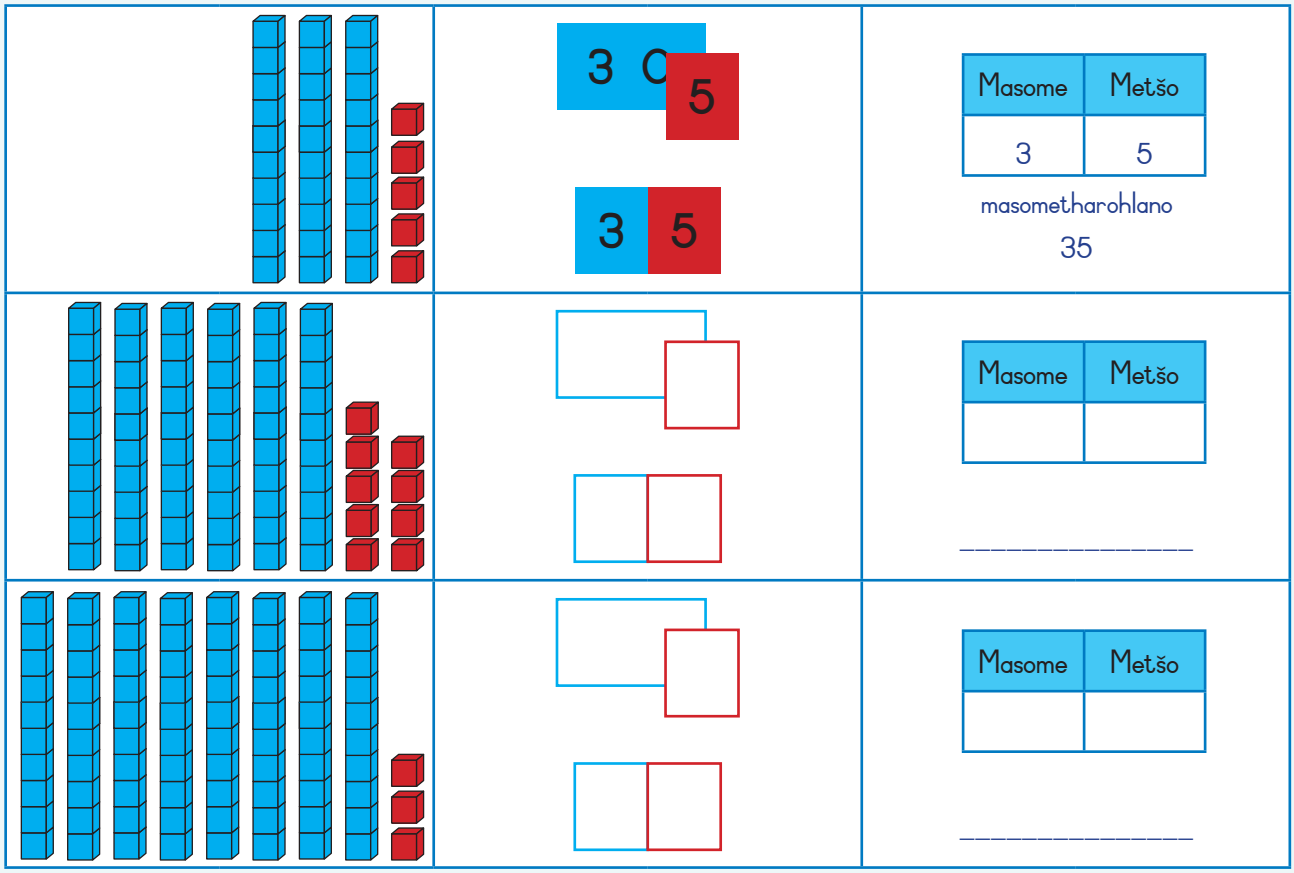




| Palo | Ke masome a makae? | Metšo ye mekae? | Ngwala dipalo ka mantšu |
|---|---|---|---|
| 26 | 2 | 6 | Masomepeditshela |
| 46 | | | |
| 99 | | | |



Nomoro ke efe?




Teacher:
Sign:
Date:





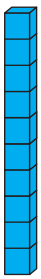
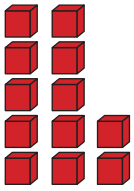

Letšatšikgwedi: _____

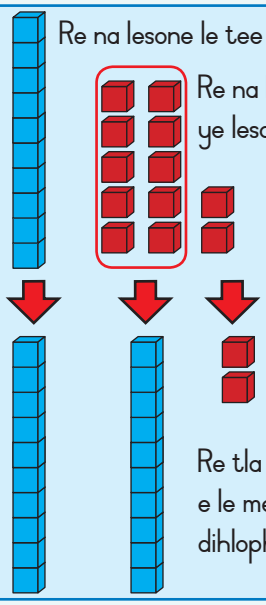
# Go bea masome mmogo ge re hlakanya le 99



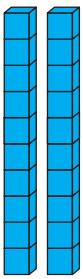
## Go bala

Ye ke tsela e tee ya go laetša 22.

| Masome | Metšo |
|---|---|
|  |  |
| Lesome I | Metšo 12 |
| 1 0 | 1 0 2 |

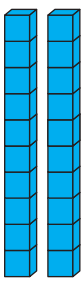
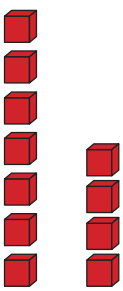



Bjale re na le tsela ye nngwe ya go laetša 22.

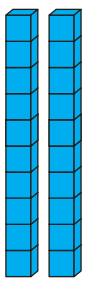
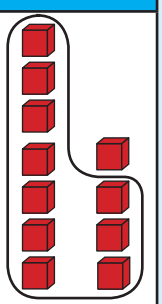
| Masome | Metšo |
|---|---|
|  |  |
| Masome 2 | Metšo 2 |
| 2 2 | |

A re hlakanye 27 + 4. Re thoma ka diploko tše ditalalerata tše e lego metšo, gomme re tlalele tša ka metšo ye mehubedu

27 ke masome a 2 le tee tše 7 tša botee. Gomme re hlakanya tee tše 4.

| Masome | Metšo |
|---|---|
|  |  |
| Masome 2 | tše 7 + tše 4 |
| 2 0 | 7 4 |

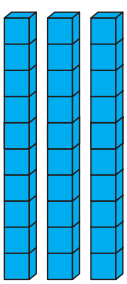
Re na le masome a 2 le tee tše 11.

| Masome | Metšo |
|---|---|
|  |  |

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

2 0 | 1 0 | 1

Bjale re na le Masome a 3 + 1 tee tše 31

| Masome | Metšo |
|---|---|
|  |  |

___ + ___ = ___

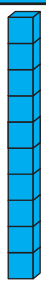
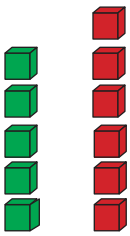
3 1



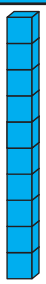
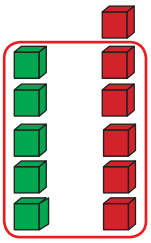
1 2 3 4 5 6 7 8 9 10



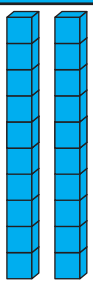
## Ngwala lefokopalo leo le laeditšwego ke seswantšho

| Masome | Metšo |
|---|---|
|  |  |

10 + 5 + 6

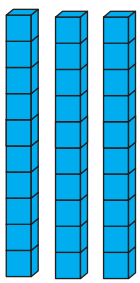
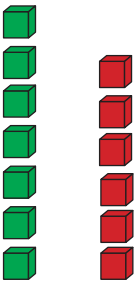
| Masome | Metšo |
|---|---|
|  |  |

___ + ___ + ___

| Masome | Metšo |
|---|---|
|  |  |

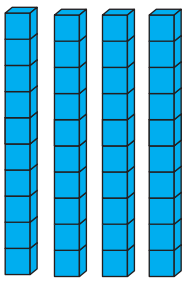
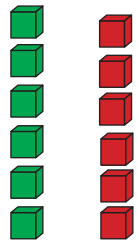
___ + ___ = ___

## Feleletša diswantšho. Ngwala mafokopalo ao a laetšwago ke seswantšho.

| Masome | Metšo |
|---|---|
|  |  |
| | |

| Masome | Metšo |
|---|---|
| | |
| | |

| Masome | Metšo |
|---|---|
| | |
| | |

| Masome | Metšo |
|---|---|
|  |  |
| | |

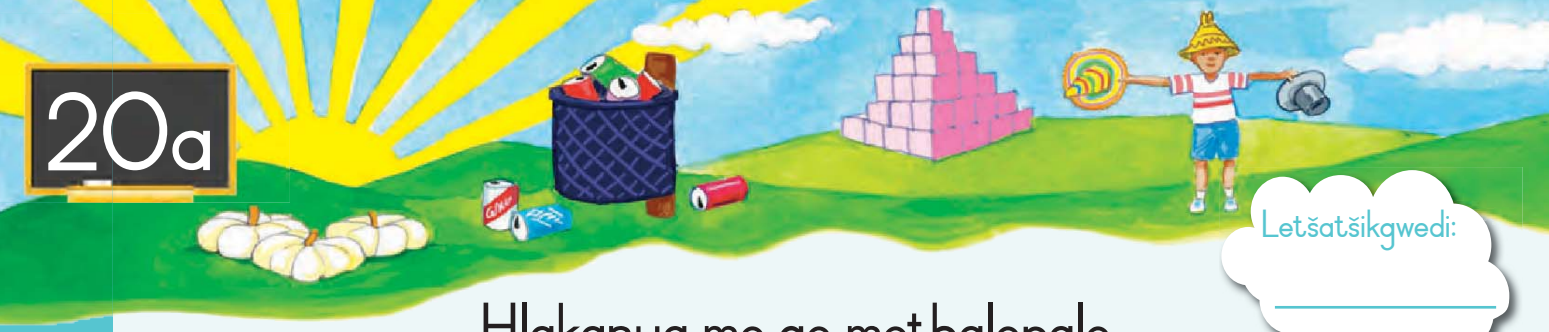
| Masome | Metšo |
|---|---|
| | |
| | |

| Masome | Metšo |
|---|---|
| | |
| | |

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



# 20a

Letšatšikgwedi: _____

## Hlakanya mo go mothalopalo

### Dula tesekeng ya gago!



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

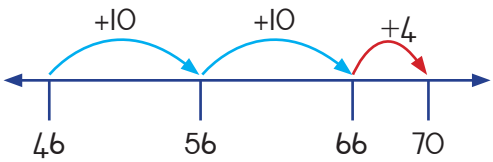
Go na le barutwana ba 46 ka go Mphato wa 3A le 24 ka go Mphato wa 3B.

Na re nyaka diteseke tše kae tša diphapoši ka moka?

### Go šoma le mogwera

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






Ke swanetše go hlakanya 24 le 46.



Se ke seo ke se dirago: Ke thoma ka go hlakanya 10. Se se mphihliša go 56.
Gomme ka tshela 10 ye nngwe gore ke fihle go 66.
La mafelelo, ke tshela 4 gape go fihla go 70.

$= 46 + 10 + 10 + 4$

$= 56 + 10 + 4$

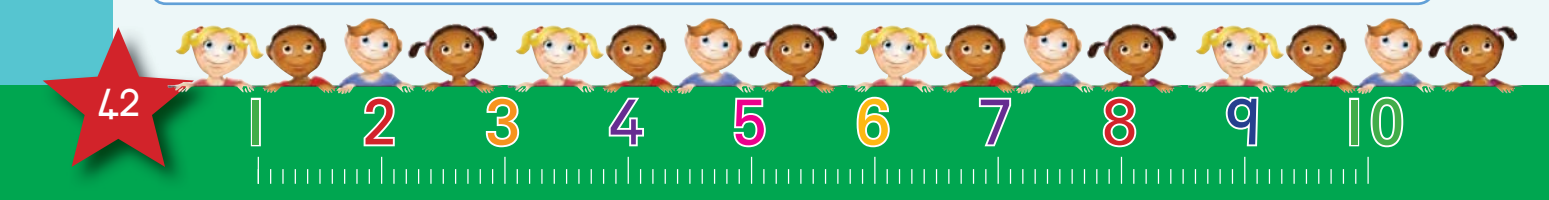
$= 66 + 4$

$= 70$

a. $32 + 25 =$ ☐



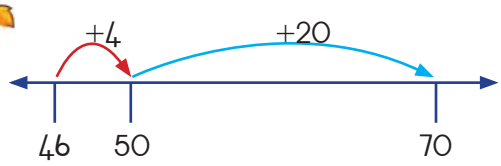




b. $52 + 26 =$ ☐

c. $46 + 25 =$ ☐






Ke swanetše go hlakanya 24 le 46.



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

$= 40 + 10 + 20$

$= 50 + 20$

$= 70$

a. $36 + 41 =$ ☐

Teacher:
Sign:
Date:

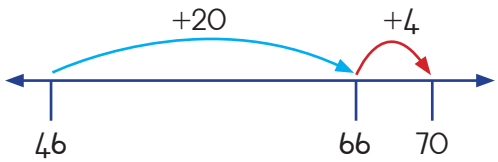
# 20b



Letšatšikgwedi: _____

b. 57 + 19 = ☐






Ke swanetše go hlakanya 24 le 46.



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

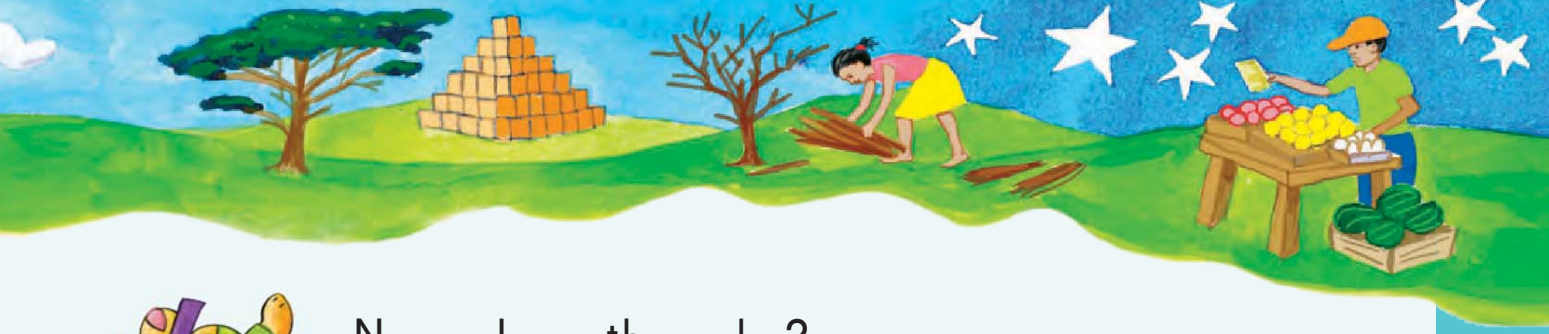
= 46 + 20 + 4

= 66 + 4

= 70

a. 63 + 24 = ☐

b. 65 + 29 = ☐



## 4 Na go na le marotho a makae?

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

Na ke marotho a makae ka moka?

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



## 5

Hlakanya ka ntle le go šomiša mothalopalo.
Šomiša mokgwa wo mongwe le wo mongwe wo o o ratago.

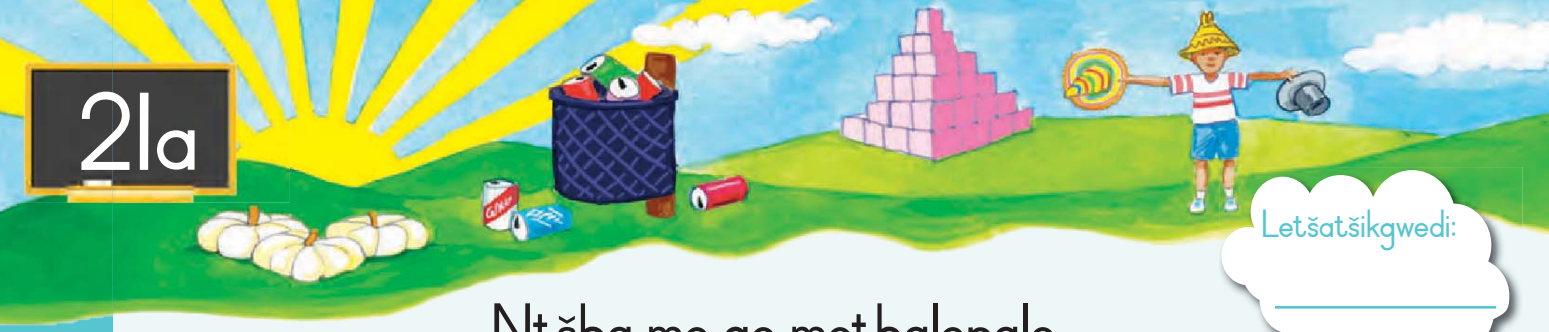
38 + 24 =

58 + 17 =

75 + 16 =

83 + 29 =

Teacher:
Sign:
Date:

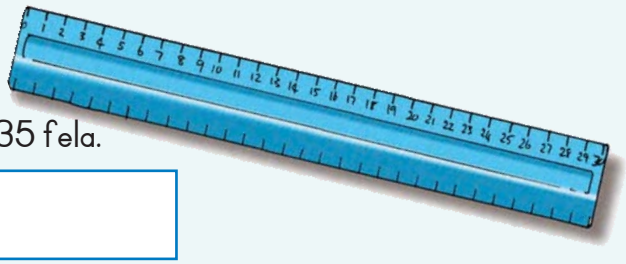


# 21a

Letšatšikgwedi: _____

## Ntšha mo go mothalopalo

### Morutwana o tee! Rula e tee!



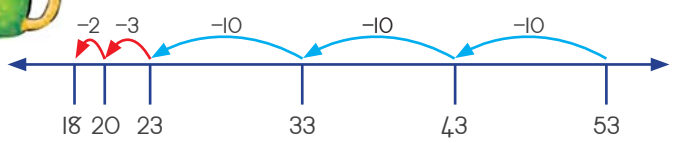
Barutwana ba nyaka dirula tše 53. Re na le tše 35 fela.

Na re nyaka tše kae gape? 53 – 35 = ☐

### Go šoma le mogwera

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






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



Bjale, ke tla thoma ka 53 gomme ka e tšea. Ke tla tšea 10, 10, 10 – se se mphihliša go 23. Bjale go tšea tše hlano, ke tla thoma ka go tšea 3, gomme ka tla go 20. Ke tšea tše 2 go feta. Ke fihla go 18. Bjale re nyaka dirula tše 18.

= 53 – 10 – 10 – 10 – 3 – 2

= 43 – 10 – 10 – 3 – 2

= 33 – 10 – 3 – 2

= 23 – 3 – 2

= 20 – 2

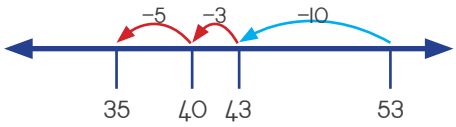
= 18

a. $68 - 24 =$ ☐

b. $74 - 38 =$ ☐

c. $92 - 87 =$ ☐






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



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

a. $38 - 14 =$ ☐

Teacher:
Sign:
Date:

# 21b



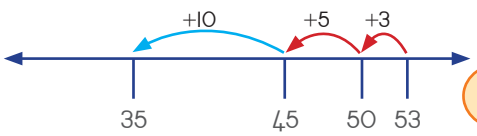
Letšatšikgwedi: _____

b. 65 – 43 = ☐

c. 72 – 39 = ☐

d. 85 – 48 = ☐





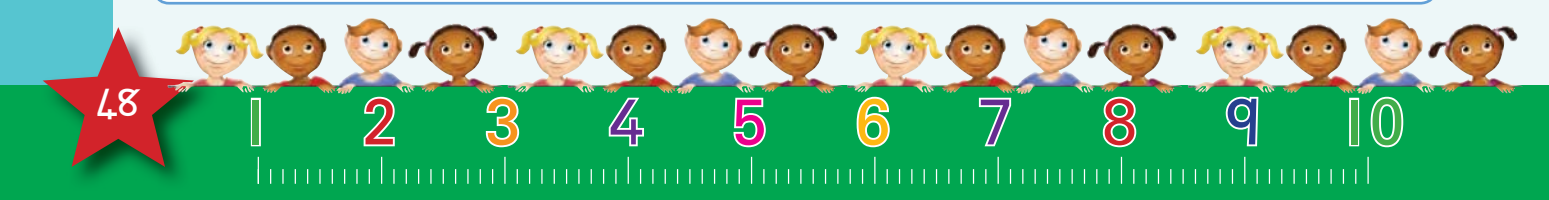

Go ntšha go hlaloša gore re hwetša phapano magareng ga 53 le 35.



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

a. 84 – 32 = ☐





b. 96 – 53 = ☐

c. 78 – 19 = ☐

d. 63 – 47 = ☐

## 4 Go sepela ka thekisi



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

Na re šaletšwe ke bokgole bjo bokaakang?

Šomiša mothalopalo go rarolla lefokopalo le.

km

Teacher:
Sign:
Date:



Letšatšikgwedi: _____



# Ke nako ya moletlo

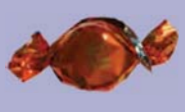


## Peakanyo ya mathomo!

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




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

| |  |  |  |  |
|---|---|---|---|---|
| Nomoro | | | | |





1 2 3 4 5 6 7 8 9 10



Feletša diswantšho. Šomiša lenaeo la gago gore lego thuše.
Thalela ngwana yo mongwe le yo mongwe yo a kgethago mohuta wo wa dijo, sefahlego.

| | | | |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| ☺ | | | |
| ☺ | | | |
| ☺ | | | |
| ☺ | | | |
| ☺ | | | |
| ☺ | | | |
| ☺ | | | |
| ☺ | | | |
| ☺ | | | |
| ☺ | | | |
|  |  |  |  |

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

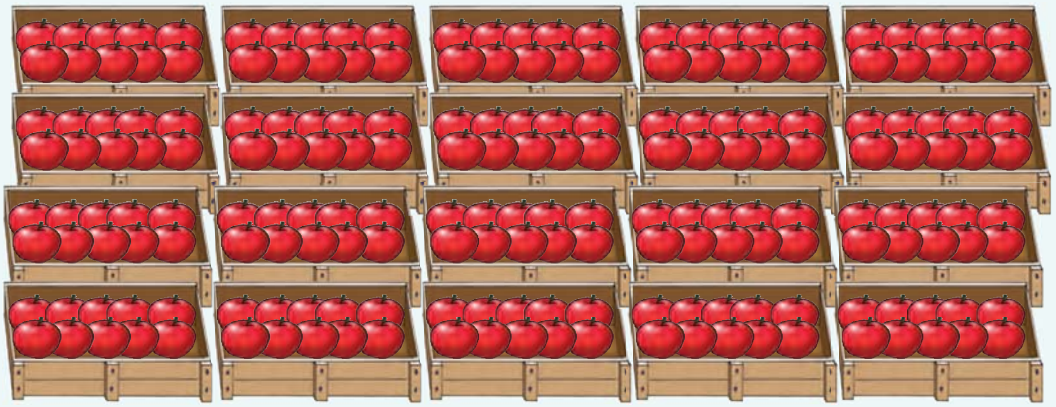


Letšatšikgwedi: _____

# Go bala go fihla ka 200



O bona diapola tše kae?



Ngwala dinomoro

Lepokisi le 1 le na le diapola tše ____. Mothalo o 1 o na le diapola tše ____.

Mothalo o 1 o na le mapokisi a ____. Methalo ye 4 e na le diapola tše ____.



Re ka paka dapola tše kae ka mapokising ao?

a.  ____

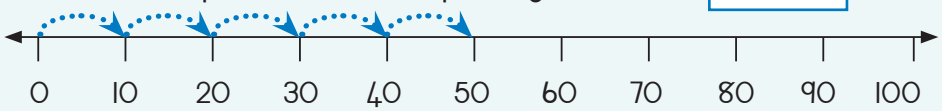
b.  ____

c.  ____

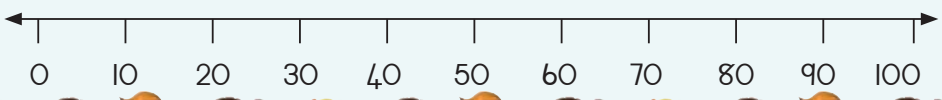


Bala mo mothalopalong.

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

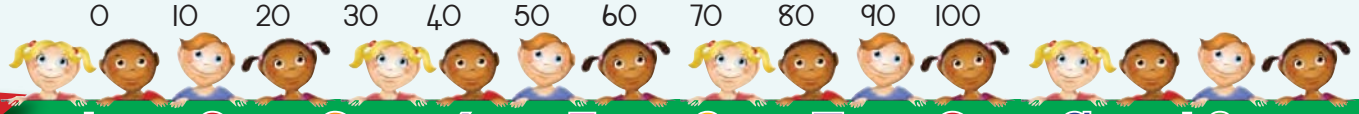



b. Go ka ba le diapola tše kae ka mapokising a šupa? ____









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

Dihlopha tše 5 tša 10 di dira– ___ × ___ = ___ goba ___ × ___ = ___

Dihlopha tše 2 tša 10 di dira– ___ × ___ = ___ goba ___ × ___ = ___

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



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

Dira tše ka wona mokgwa wo.

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

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

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

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

A re baleng

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

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

Teacher:
Sign:
Date:



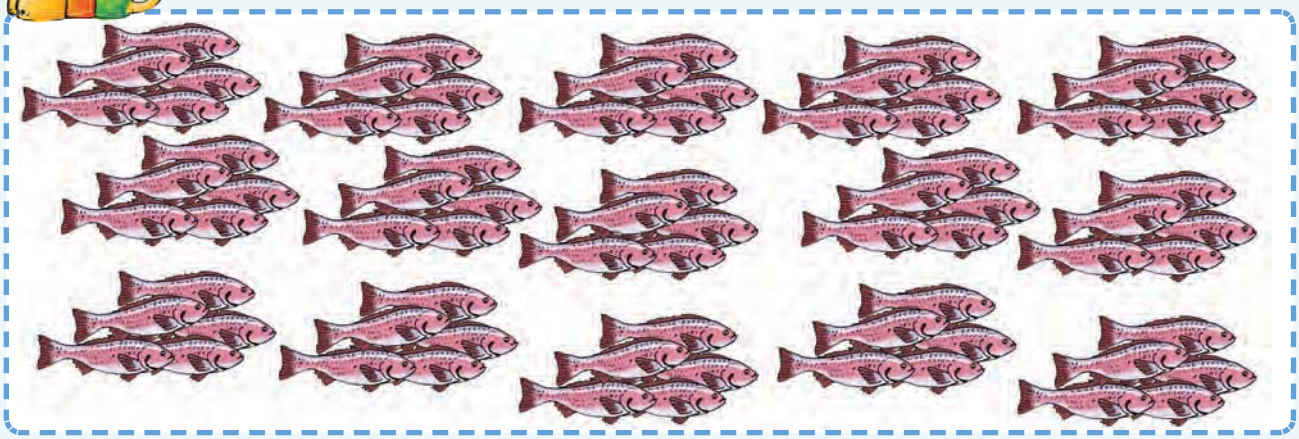
Letšatšikgwedi: _____



# Ithute ka di 5



Na ke dihlapi tše kae? Akanya ☐



Bjale bala dihlapi. Hwetša palomoka. ☐



## Bala ka di 5

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

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





1 2 3 4 5 6 7 8 9 10

25a



Letšatšikgwedi: _____

# Bala ka di 2



Go bala masokisi



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

b. Na go na le masokisi a makae? _____

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



1 2 3 4 5 6 7 8 9 10



## Go bala dipara tša masokisi.

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

| Masokisi | Palo ya diphere | Palo ya masokisi | Masokis a a sepelago a le noši a a šetšego. |
|---|---|---|---|
|  | | | |
|  | | | |
|  | | | |
|  | | | |
|  | | | |

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



Letšatšikgwedi: _____



# Bala ka di 2 (tšwetšopele)



## Go bopa diphere

Ngwala dipalotekanelo go tloga go 0–60.

a. Ngwala dipalotekanelo go tloga go I – 40.

2, 4, 6, _____

_____

b. Ngwala dipalotlhokatekanelo go tloga go I – 40.

3, 5, 7, _____

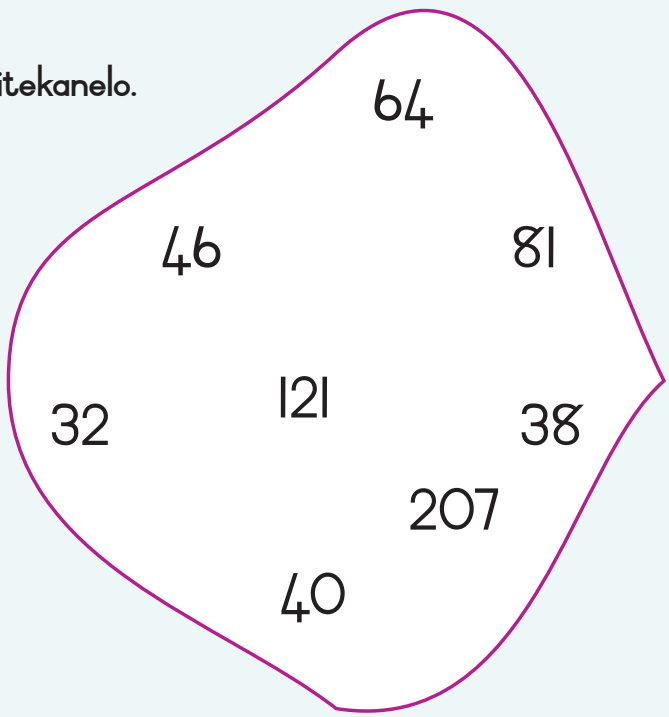
_____



## Ditlhokatekanelo le ditekanelo.

Thala sediko mo go dipalotekanelo.

Thalo sekwere go dikologa dipalotlhokatekanelo.








Go tloga go diphere go ya go masokisi.

Mohlala:

Masokisi a 2 = phere 1 

$2 \times 1 = 2$

Masokisi a 20 = diphere tše 10

$2 \times 10 = 20$

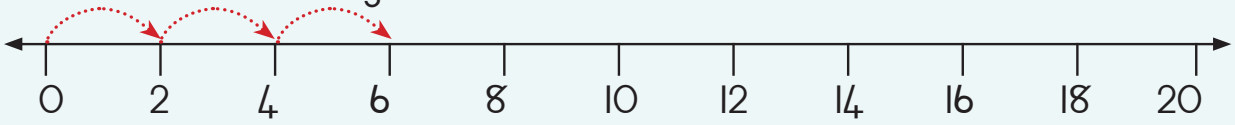
Ngwala palo ya masokisi.

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

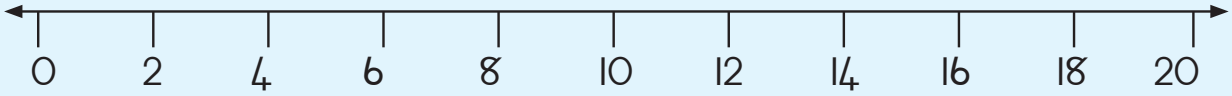
Feleletša methalopalo.

Mohlala:

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




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




Teacher:
Sign:
Date:





Letšatšikgwedi: _____

# Tšhelete ya kgale le ya gonabjale



## Kanegelo ka ga tšhelete ya rena

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

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





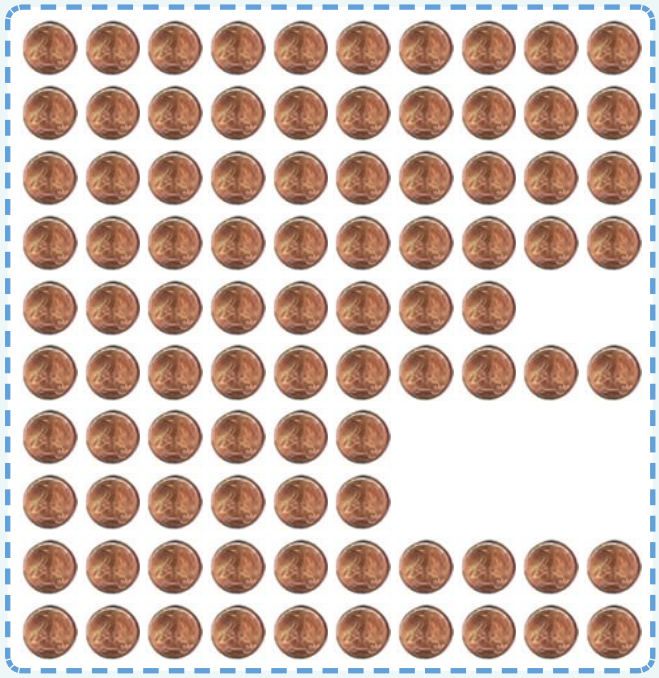




## Bala disente

Bala disente.

Na o na le disente tše kae?



Na go nyakega bokae go dira R1,00?

Di thale ka gare ga ploka.



## Na ke disente tše kae?

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



## Seenywa se bitša bokae?

2  theko ke R4,00.

Na o hwetša dipanana tše kae ka R20,00?

2  theko ke R2,00.

Na o hwetša diapola tše kae ka R9,00?

Teacher:

Sign:

Date:



11 12 13 14 15 16 17 18 19 20



27

Letšatšikgwedi: _____

# Bala ka di 3



## Maotwana ka di 3



Paesekele e 1 ya maotwana a mararo e na le maotwana a _____.

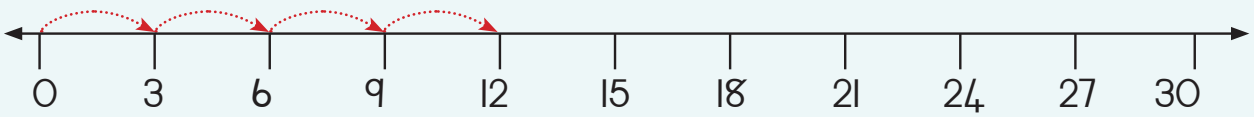


| | |
|---|---|
| Dipaesekele tše 5 tša maotwanatharo di na le maotwana a _____. | 3 + 3 + 3 + 3 + 3 = 5 × 3 = _____ |
| Dipaesekele tše 2 tša maotwanatharo di na le maotwana a _____. | 3 + 3 = 2 × 3 = _____ |
| Dipaesekele tše 4 tša maotwanatharo di na le_____maotwana. | |
| Dipaesekele tše 6 tša maotwanatharo di na le maotwana a _____. | |
| Dipaesekele tše 9 tša maotwanatharo di na le maotwana a _____. | |
| Dipaesekele tše 8 tša maotwanatharo di na le maotwana a _____. | |



## Methalopalo

Latela mohlala.




a. 3 + 3 + 3 + 3 = ☐ = 4 × 3 = ☐

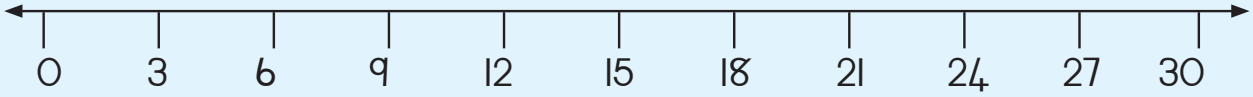




1 2 3 4 5 6 7 8 9 10

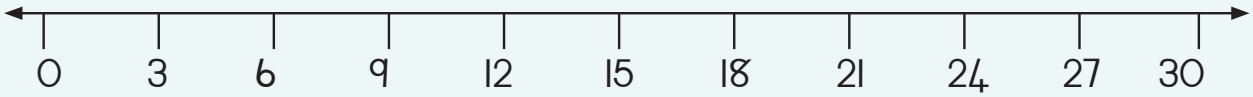


b.



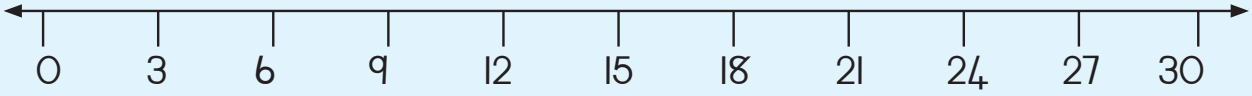

3 + 3 + 3 + 3 + 3 = ☐ = ☐ × ☐ = ☐

c.




_____ = ☐ = 6 × 3 = ☐

d.




_____ = ☐ = 10 × 3 = ☐



## Dipaesekele le dipaesekele tša maoto a mararo





Lebenkeleng la dipaesekele Tumi o bala maotwana a dipaesekele le a dipaesekele tša maotwana a mararo:

Palo ya maotwana ka moka ke 14.

| |
|---|
| Na go na le dipaesekele tše kae? _____ |
| Na go na le dipaesekele tše kae tša maotwana a mararo? _____ |

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20

28



Letšatšikgwedi: _____

# Na ke eng seo se tšwelelago ka di 4?



## Maotwana a mane

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



Maoto a kgomo ke a 4.

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



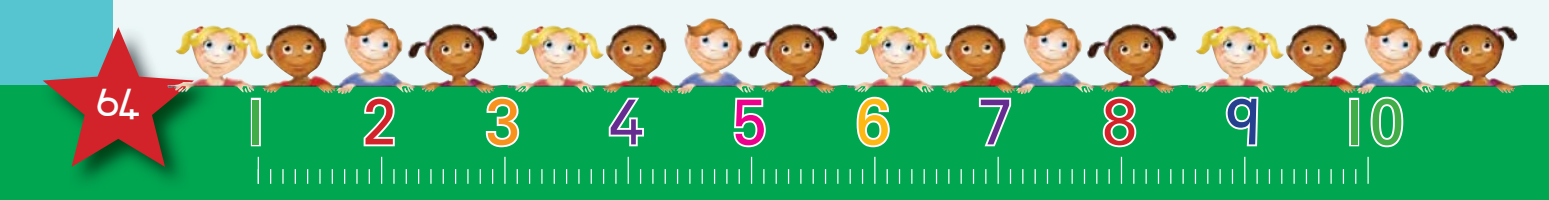
## Go bala maoto

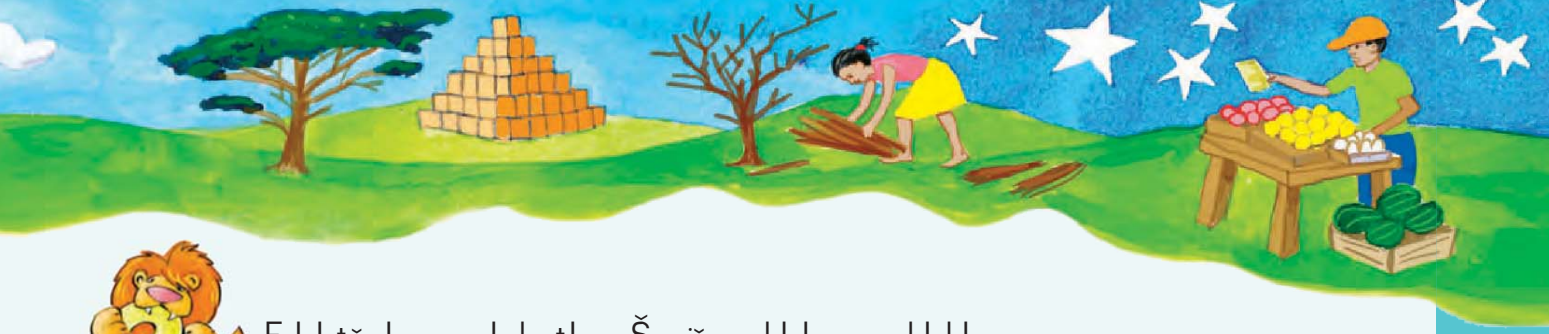
Bontšhanang dikarabo.
Efa tlhalošo ya seo o se dirilego.

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

| | | | |
|---|---|---|---|
| kgomo e 1 | maoto a 4 | dikgomo tše 2 | maoto a 8 |
| dikgomo tše 3 | maoto a | dikgomo tše 4 | maoto a |
| dikgomo tše 5 | maoto a | dikgomo tše 6 | maoto a |
| dikgomo tše 7 | maoto a | dikgomo tše 8 | maoto a |
| dikgomo tše 9 | maoto a | dikgomo tše 10 | maoto a |









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

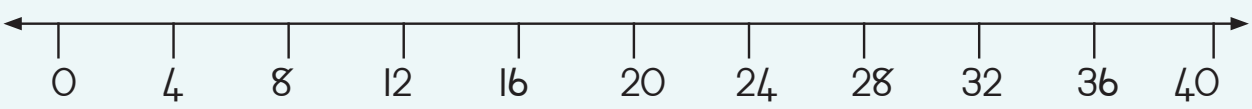
| | |
|---|---|
| Dikgomo tše 3 di na le maoto a____. | $4 + 4 + 4 = 4 \times 3 =$ __12__ |
| Dikgomo tše 3 di na le maoto a____. | |
| Dikgomo tše 3 di na le maoto a____. | |
| Dikgomo tše 3 di na le maoto a____. | |
| Dikgomo tše 3 di na le maoto a____. | |



## Methalopalo

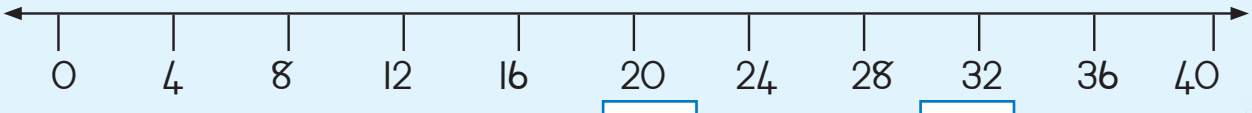
Feleletša tše di latelago gomme o di laetše mo go mothalopalo

a.




_____ = ☐ = $5 \times 4 =$ ☐

b.




_____ = ☐ = $9 \times 4 =$ ☐

Teacher:

Sign:

Date:



11 12 13 14 15 16 17 18 19 20



Letšatšikgwedi: _____



# Dipatrone ka dinomoro



## Dipatrone tša kriti

Na ke patrone ya nomoro ef e yeo e dikaneditšwego go kriti ye nngwe le ye nngwe ya 100.

Dira didiko tše dintši go f eleletša patrone ye nngwe le ye nngwe.

Ngwala leina la patrone ye nngwe le ye nngwe.

a. Patrone: _____

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | o | | | | | o |
| | | | | o | | | | | o |
| | | | | o | | | | | o |
| | | | | o | | | | | o |
| | | | | o | | | | | o |
| | | | | o | | | | | o |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

b. Patrone: _____

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | o | | o | | o | | o | | o |
| | o | | o | | o | | o | | o |
| | o | | o | | o | | o | | o |
| | o | | o | | o | | o | | o |
| | o | | o | | o | | o | | o |
| | o | | o | | o | | o | | o |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

c. Patrone: _____

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | o | | | o | | | o | |
| | o | | | o | | | o | | |
| o | | | o | | | o | | | |
| | | o | | | o | | | | |
| | o | | | o | | | | | |
| o | | | o | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

d. Patrone: _____

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | o | | | | o | | |
| | o | | | | o | | | | o |
| | | | o | | | | o | | |
| | o | | | | o | | | | o |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |





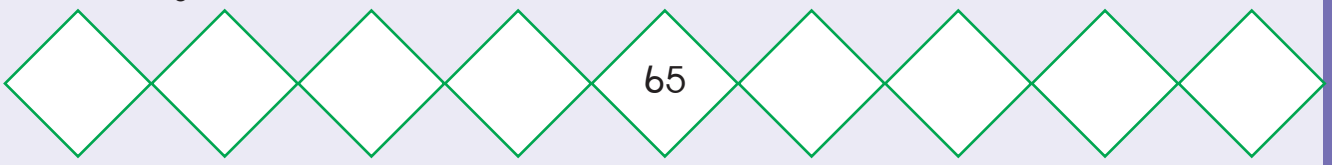


## Go itirela patrone ya gago

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




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




## Na ke tša mo kae?

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

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

## Lewatle

Molelo o kgoboketša dikgapetla tša dikgopana tša lewatle tša magareng ga 60 le 70. O di bala ka di 3. O na le e 1 yeo e šetšego. O di bala ka di 5. O na le tše 4 tšeo di šetšego.



Na ke dikgapetla tše kae tša dikgopana tša lewatle tšeo Molelo a nago le tšona?

_____

_____

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20

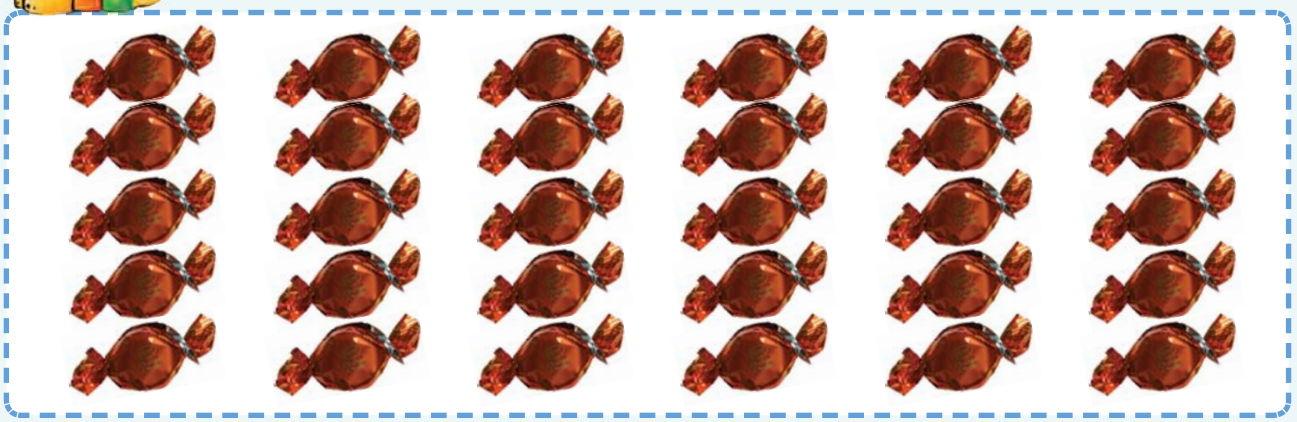
# 30a

Letšatšikgwedi: _____

## Go arola



Abaganya malekere:



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



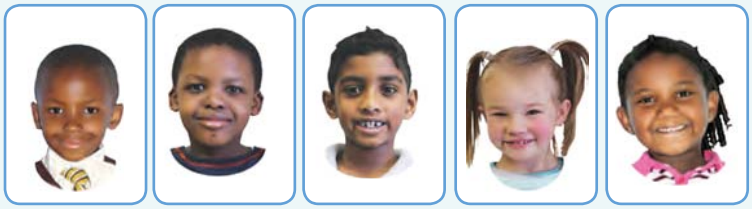
Re ka e ngwala bjale | 30 ÷ 2 = 15

b. Abaganya malekere magareng ga bana 3.



÷ =

c. Abaganya malekere magareng ga bana 5.



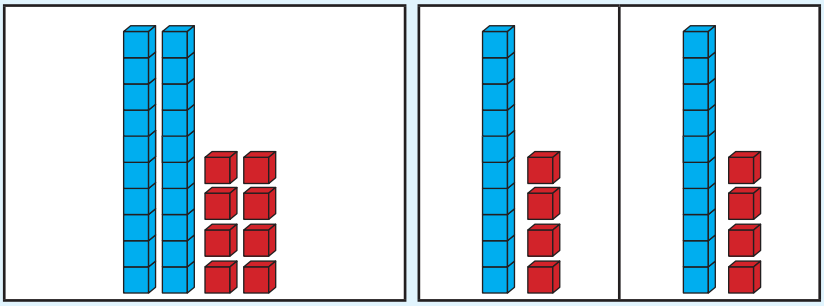
÷ =



1 2 3 4 5 6 7 8 9 10



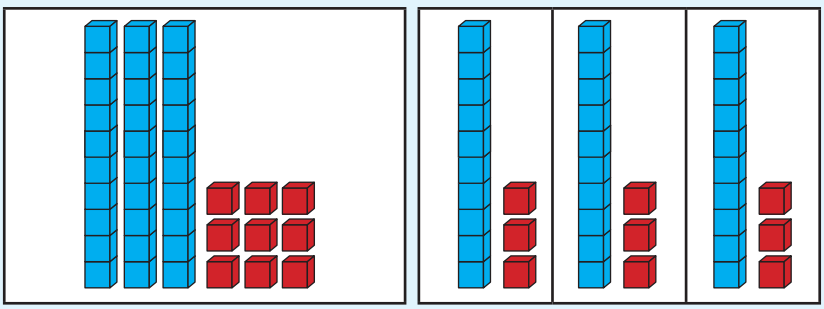
Re ka šomiša dibloko tša dinomoro go dira karolo.



2 8 ÷ 2 = 1 4

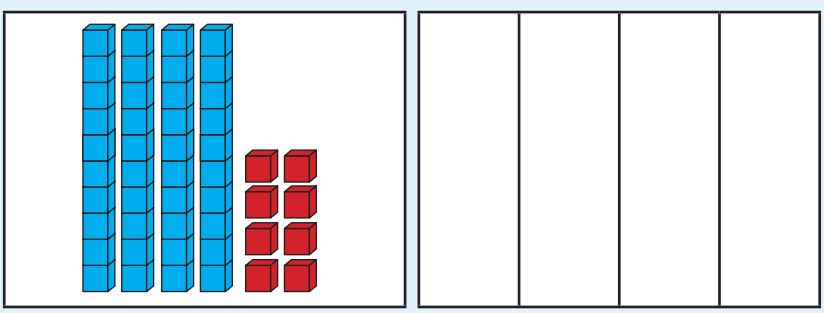
Bjale dira tše:

a.



☐☐ ÷ 3 = ☐☐

b.



☐☐ ÷ 4 = ☐☐

Teacher:
Sign:
Date:

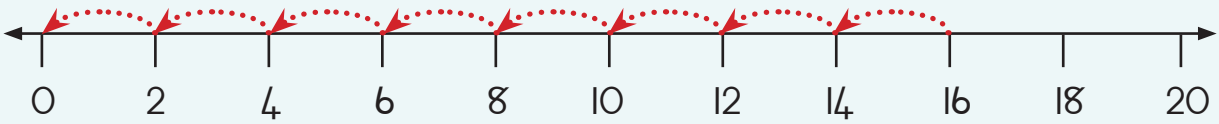
# 30b



Letšatšikgwedi: _____



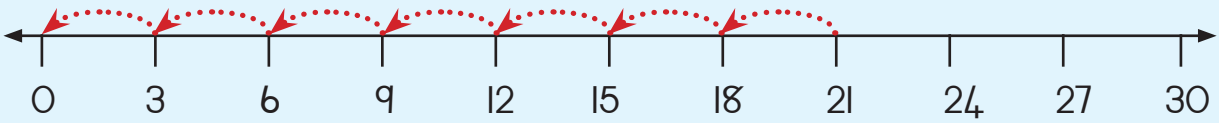
Šomiša methalopalo go ngwala lefokopalo la go ntšha le la go arola.




16 – 2 – 2 – 2 – 2 – 2 – 2 – 2 – 2 = 0

16 ÷ 2 = 8

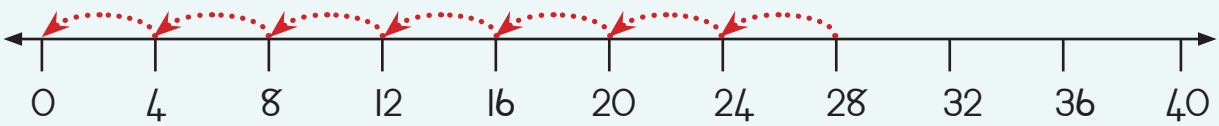
a.




21 – _____

☐ ÷ ☐ =

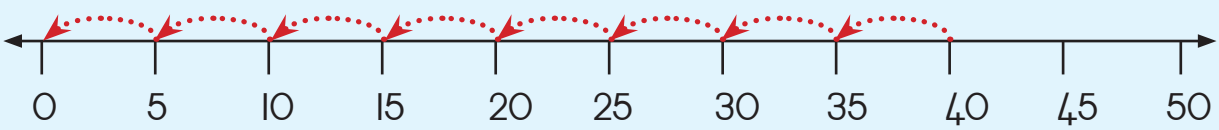
b.




28 – _____

☐ ÷ ☐ =

c.




___ – _____

☐ ÷ ☐ =







Thala mothalopalo gomme o e rarolle.

a. 30 ÷ 5 =

b. 22 ÷ 2 =

c. 27 ÷ 3 =

d. 32 ÷ 4 =

e. 25 ÷ 5 =

## Tlhohlo

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

Ngwala lefokopalo go laetša karabo ya gago.



Teacher:

Sign:

Date:



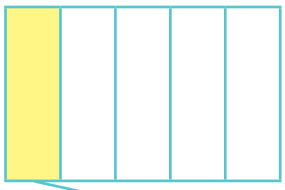
31

Letšatšikgwedi: _____

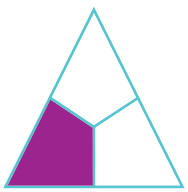
# Dipalophatlo



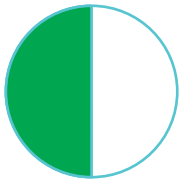
Thala methalo go nyalanya dibopego le dipalophatlo.



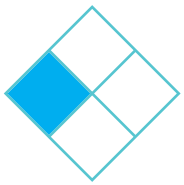
$\frac{1}{3}$ Teetharong



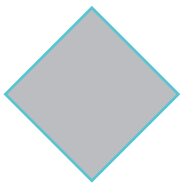
$\frac{1}{5}$ Teetlhanong



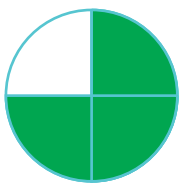
$\frac{1}{4}$ Kotara



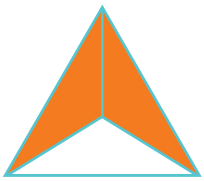
$\frac{1}{2}$ Seripagare



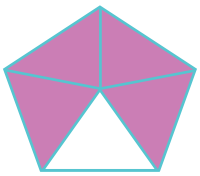
$\frac{3}{4}$ Tharonneng



$\frac{4}{5}$ Nnetlhanong



1 Tee



$\frac{2}{3}$ Peditharong

Arola gomme o khalare:

$\frac{1}{2}$ Seripagare

$\frac{1}{3}$ Teetharong

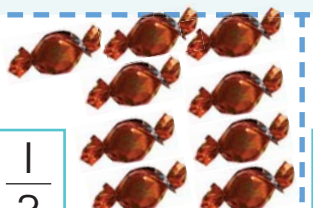
$\frac{1}{4}$ Kotara

$\frac{1}{5}$ Teetlhanong

Laetša_____ ya malekere.



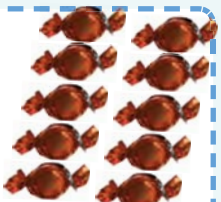
$\frac{1}{2}$ Seripagare



$\frac{1}{3}$ Teetharong



$\frac{1}{4}$ Kotara

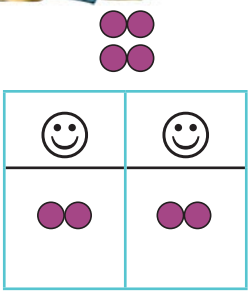
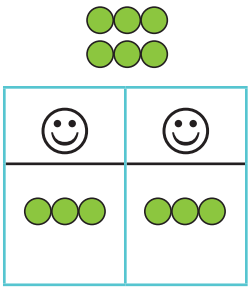
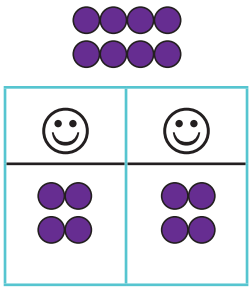
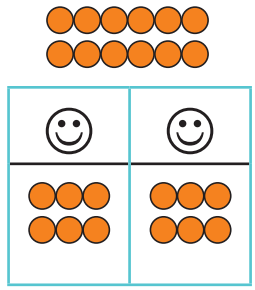


$\frac{1}{5}$ Teetlhanong



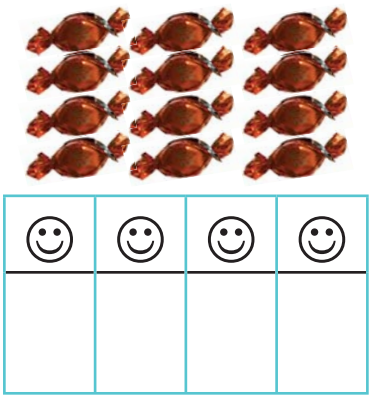
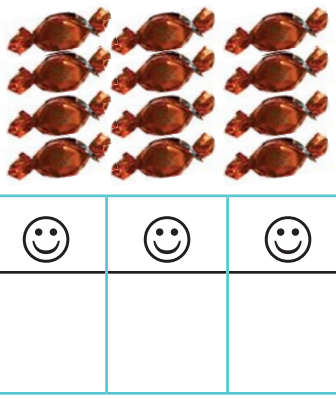
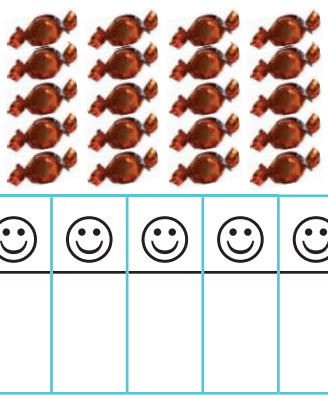


Abaganya dibaledi gare ga bana ba babedi.

| | | | |
|---|---|---|---|
|  |  |  |  |
| • Re hweditše dibaledi tše 2 yo mongwe le yo mongwe.<br>• $\frac{1}{2}$ ya dibaledi tše 4 ke 2. | • Re hweditše dibaledi tše __ yo mongwe le yo mongwe.<br>• __ ya dibaledi tše __ ke __. | • Re hweditše dibaledi tše __ yo mongwe le yo mongwe.<br>• __ ya dibaledi tše __ ke __. | • Re hweditše dibaledi tše __ yo mongwe le yo mongwe.<br>• __ ya dibaledi tše __ ke __. |
| $4 \div 2 = 2$ | ___ ÷ ___ = ___ | ___ ÷ ___ = ___ | ___ ÷ ___ = ___ |



Abaganya malekere magare ga bana.

| | | |
|---|---|---|
|  |  |  |
| • $\frac{1}{4}$ malekere = 3<br>• $\frac{2}{4}$ malekere = 6<br>• $\frac{3}{4}$ malekere = 9<br>• $\frac{4}{4}$ malekere = 12 | • $\frac{1}{3}$ malekere = ___<br>• $\frac{2}{3}$ malekere = ___<br>• $\frac{3}{3}$ malekere = ___ | • $\frac{1}{5}$ malekere = ___<br>• $\frac{2}{5}$ malekere = ___<br>• $\frac{3}{5}$ malekere = ___<br>• $\frac{4}{5}$ malekere = ___<br>• $\frac{5}{5}$ malekere = ___ |





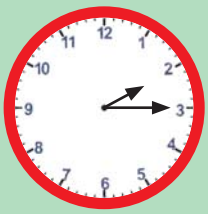
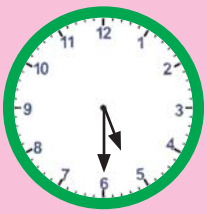

Letšatšikgwedi: _____

# Ka ga nako

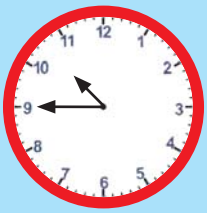
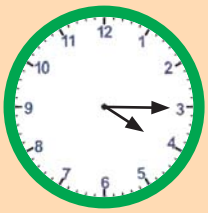


## Ka go la mmagoja

Re ka ngwala nako ka mekgwa ya go fapana.

| | | |
|---|---|---|
|  |  |  |
| 2:15<br><br>kotara go tšwa go iri ya bobedi | 5:30<br><br>seripagare go tšwa go iri ya bohlano | 9:45<br><br>kotara go ya go iri ya lesome |

Ngwala dinako tše ka ditsela tša go fapafapana.

| | | |
|---|---|---|
|  |  |  |
| _____<br><br>_____ | _____<br><br>_____ | _____<br><br>_____ |

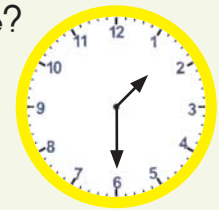


## Go ya gae

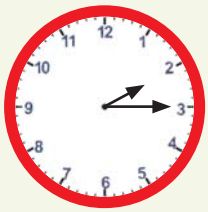
Na Maremo o tšea sebaka se sekaakang go fihla gae?

Metsotso ye ____

Diiri tše ____



Maremo o tloga sekolong.



Maremo o fihla gae.

## Nako e a fofa

Nako ka bo 2 ...



Ga na le metsotso ye mekae ...

ka gare ga diiri tše 2 ? _____

diiring tše kae 2? _____

gao matšatši makae dibekeng tše 2? _____

tše dikgwedi kae mengwageng ye 2? _____

## Na go na le matšatši a makae?

Moranang

| M | T | W | T | F | S | S |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | | | | | |

Mopitlo

| M | T | W | T | F | S | S |
|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | 31 | | |

Mosegamanye

| M | T | W | T | F | S | S |
|---|---|---|---|---|---|---|
| | | | | | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |

Moranang 27 ke Letšatši la Tokologo.

Mosegamanye 16 ke Letšatši la Bafsa.

a. Go tloga ka Letšatši la Tokologo go fihla ka Letšatši la Bafsa go na le dikgwedi tše _____ dibeke tše_____ ka moka le matšatši a _____.

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

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

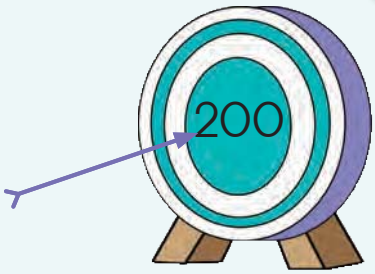


Letšatšikgwedi: _____

# Selebanywa ke 200



## Go bala dinomoro




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



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



## Go ngwala dinomoro

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

b. Ngwala dinomoro ka moka.

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

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



1 2 3 4 5 6 7 8 9 10



## Ngwala dinomoro tše di tlogetšwego

a.

| | | | | | |
|---|---|---|---|---|---|
| 200 | | 180 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | 110 |
| 50 | | | | | |
| | | | | 0 | |

b.

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

## Feleletša

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

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

_____

_____

_____

_____

_____

## Go bala go tloga ka 100

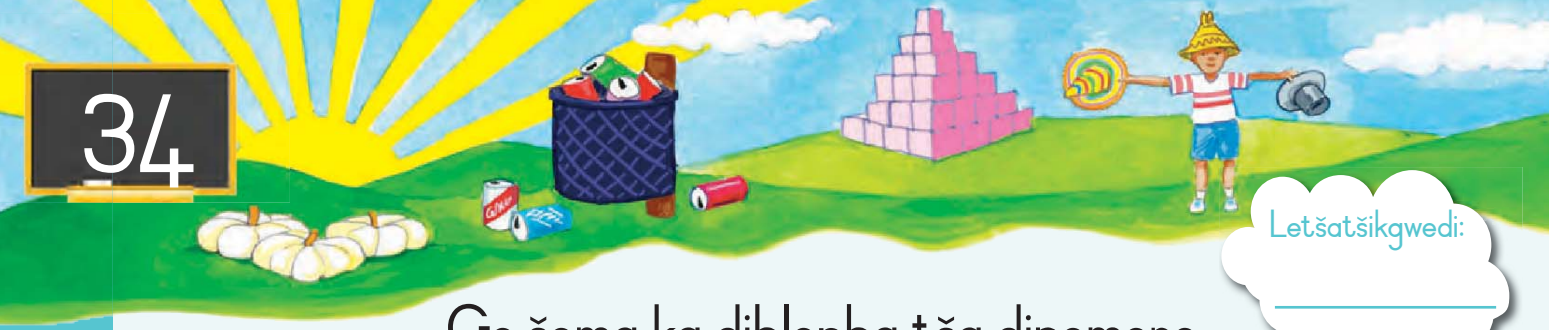
Hweša gore go nyakega nomoro ef e gore o fihle go nomoro ye e latelago.

Thona: 100 → +25 → 125 → ____ → 129 → ____ → 138 → ____ → 145

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

Teacher:
Sign:
Date:





Letšatšikgwedi: _____

# Go šoma ka dihlopha tša dinomoro



## Go paka dikerese

MmaMotau o šoma femeng ya dikerese.
Ge dikerese di lokile, o di paka ka tsela ye ka gare ga ditherei ka dirakeng.



| |
|---|
| Na go na le dikerese tše kae ka gare ga therei ye nngwe le ye nngwe? _____ |
| Na go na le ditherei tše kae ka gare ga raka ye nngwe le ye nngwe? _____ |
| Na go na le diapola tše kae ka gare ga raka ye nngwe le ye nngwe? _____ |



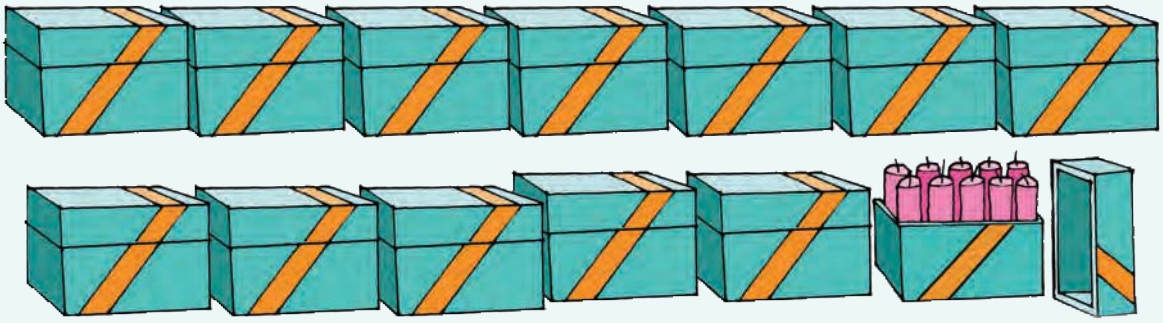






## Mapokisi a dikerese

MmaMotau o tswalela mapokisi.



a. Bala mapokisi ka moka.

| |
|---|
| Na ke tše kae? _____ |
| Na ke dikerese tše kae ka moka? _____ |
| Na go nyakega mapokisi a makae go dira palo ya dikerese tše 60? _____ |

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

| | |
|---|---|
| Mapokisi a 2? _____ | Mapokisi a 4? _____ |
| Mapokisi a 5? _____ | Mapokisi a 3? _____ |
| Mapokisi a 6? _____ | Mapokisi a7? _____ |

c. O sa nyaka mapokisi a makae a:

| | |
|---|---|
| 40 _____ mapokisi | 70 _____ mapokisi |
| 50 _____ mapokisi | 30 _____ mapokisi |

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



# 35a

Letšatšikgwedi: _____

## Go bea masome mmogo le go a arogantšha



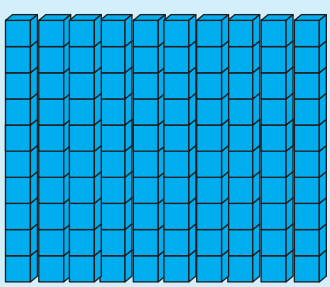
Go bea masome mmogo ge re hlakanya le 999

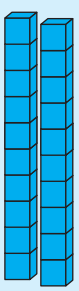
| A re hlakanye<br>56 + 73 = | | | |
|---|---|---|---|
| | masome a 5 le metšo ye 6 | + | masome a 7 le metšo ye 3 |

| bo 100 | bo 10 | bo 1 |
|---|---|---|
| | | |

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

Re ka bea masome a 10 mmogo go dira lekgolo le 1.

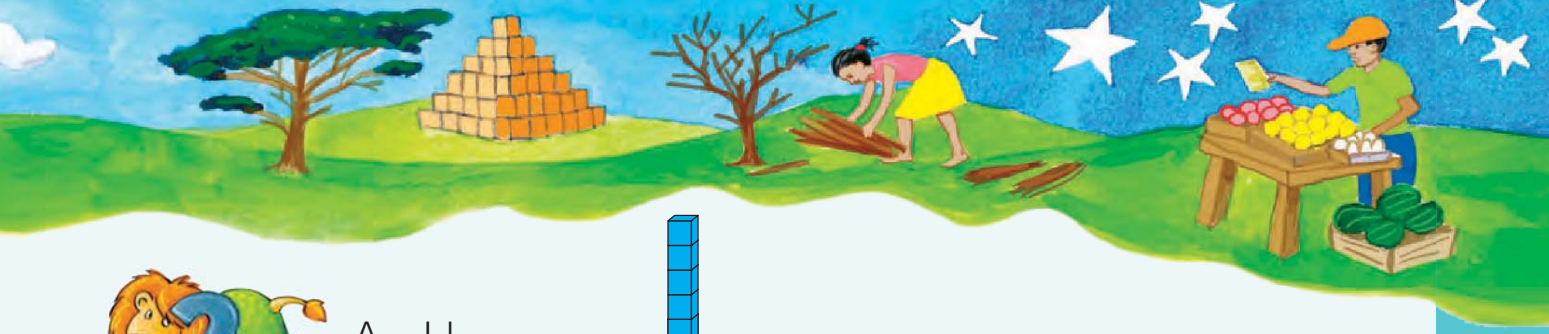






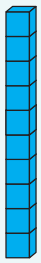


1 2 3 4 5 6 7 8 9 10



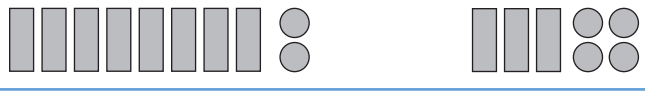


A re lekeng.



= 1 le  = 1

Mohlala: 82 + 34



100 + 20 + 6 = 126

a. 65 + 52

b. 76 + 63

c. 86 + 65

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20

# 35b



Letšatšikgwedi: _____



## Bea dihlopha mmogo

Šomiša mapokisana a gago a kemapalo.

| Šomiša diploko tša kemapalo go dira dipalo tše pedi tše. | Na ka moka.<br>Ke masome a mekae?<br>Ke di I tše kae? | Na o hlophile ka masome goba ka di-I?<br>Lekola kemapalo yeo o e hlophilego gape. | Ngwala karabo. |
|---|---|---|---|
| 23 + 99 = | _____ masome<br>_____ metšo | II masome + I2 metšo<br>= II0 + I2 | I22 |
| 38 + 25 = | _____ masome<br>_____ metšo | | |
| 77 + 3I = | _____ masome<br>_____ metšo | | |
| 68 + 45 = | _____ masome<br>_____ metšo | | |
| 83 + 47 = | _____ masome<br>_____ metšo | | |

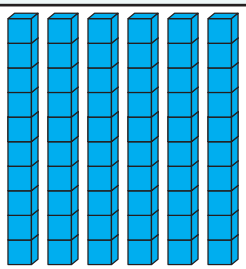
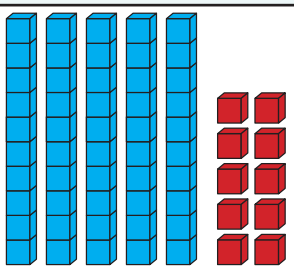
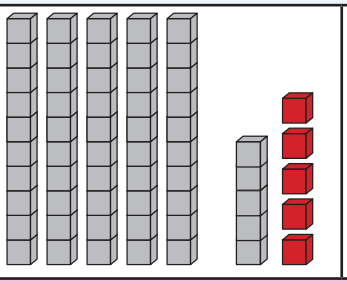


## Go arola masome ge re ntšha

Ge re ntšha, ka nako tše dingwe re swanetše go laetša lesome le tee bjalo ka di-I tše lesome, goba lekgolo le tee bjalo ka masome a I0.

A re ntšheng: 60 – 55 =

e thoma ka di I0 tše tshelelago gomme ga go na metšo. Re nyaka go ntšha di I0 tše hlano le metšo ye mehlano. (Tšeo re di ntšhago re di khalara ka mmala wo mopududu)

|  |  |  |  |
|---|---|---|---|
| Re ka kgona go laetša di I0 tše tshelelago ka tsela ye.. | Goba di I0 tše hlano le metšo ye lesome. | Ntšha di I0 tše hlano le metšo ye mehlano. Go šala metšo ye mehlano. | |
| | | 60 – 55 = 5 | |



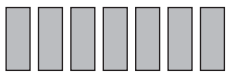
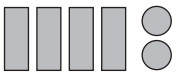


1 2 3 4 5 6 7 8 9 I0



A re lekeng.

a. 70 – 28

| | | | |
|---|---|---|---|
|  |  |  |  |
| 7 masome | 6 masome le 10 metšo | 70 – 28 = | 42 |

b. 90 – 46

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

c. 80 – 53

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



## Go hwetša phere ya dinomoro

a.

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

b.

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

c.

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

d.

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

Teacher:
Sign:
Date:





Letšatšikgwedi: _____

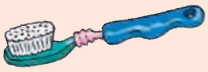


# Go etela ngaka ya meno



Sehlopha sa bana se etela ngaka a meno.




Se ke seo bana ba mmotšago sona.  = ga l

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

a. Bala maswao (✓) ao a laetšago gore bana ba hlapa meno ka tatelano ya mohuta mang

| | |
|---|---|
|  Gatee ka letšatši | |
|  Gabedi ka letšatši | |
|  Gararo ka letšatši | |

b. Na o ka bolela eng?

| |
|---|
| Bana ba bantši ba hlapa meno ga _____ ka letšatši. |
| Go na le bana ba _____ ka gare ga sehlopha. |





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

 = Nako ye kae



Dira dinyakišišo ka klaseng ya gago. Botšiša barutwana ba 15–20.

a. Ba hlapa meno gakae ka letšatši? _____

b. Thala mongwalo wa diswantšho wa go swana le wa ka godimo e le go laetša dikhwetšo tša gago.

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20

# 37a



Letšatšikgwedi: _____

## Hlakanya o be o ntšhe

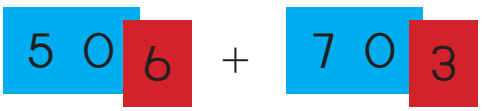


### Ngwala dipalo tša gago



Tumi o kgona go hlakanya ka dinomoro tša di 1 le tša di 10 le go di hlopha ka lefsa. O kgona go hlakanya le go ntšha godimo ga letlakala, ntle le go diriša mapokisana. Ka nako ye nngwe o rata go thoma ka dikarata tša gagwe tša dinomoro go laetša dinomoro.

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

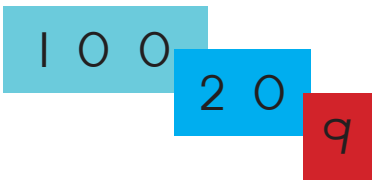



O hlakanya ka dinomoro tša di 1 gomme a bea karata ya 9 fase.




O tseba: 50 + 70 = 120.

O tšea dinomoro tša di 100, tša di 20 le karata ya di 9




go bopa palo ya dipalotee tše 3

O e ngwala ka tsela ye:

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



Dumi o tseba ka mo dibloko di šomago:

50 + 6 + 70 + 3

120 + 9
= 129



Ackar o rata go feleletša.

Ye o e dira ka tsela ye:

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





1 2 3 4 5 6 7 8 9 10





Dira ye nngwe le ye nngwe ka ditsela tše pedi.

a. 86 + 62



Mokgwa wa Tumi

80 + 60 + 6 + 2



Mokgwa wa Dumi

80 + 6 + 60 + 2

b. 72 + 63

c. 81 + 57

d. 69 + 71

Šomiša mokgwa wa Ackar o dire ye.

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

# 37b



Letšatšikgwedi: _____



Bjale a re ntšhe.



a. 87 – 53

**Mokgwa wa Tumi**

80 – 50 + 7 – 3

= 30 + 4

= 34



**Mokgwa wa Dumi**

80 + 7 – 50 + 3

= 30 + 4

= 34

b. 95 – 73

c. 86 – 62

d. 85 – 69



1 2 3 4 5 6 7 8 9 10



## E rarolle!

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

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



b. Bana ba Makakase ba boloka R47 mmogo.
Mmagobona a oketša ka R58. Na bjale ba na le bokae?

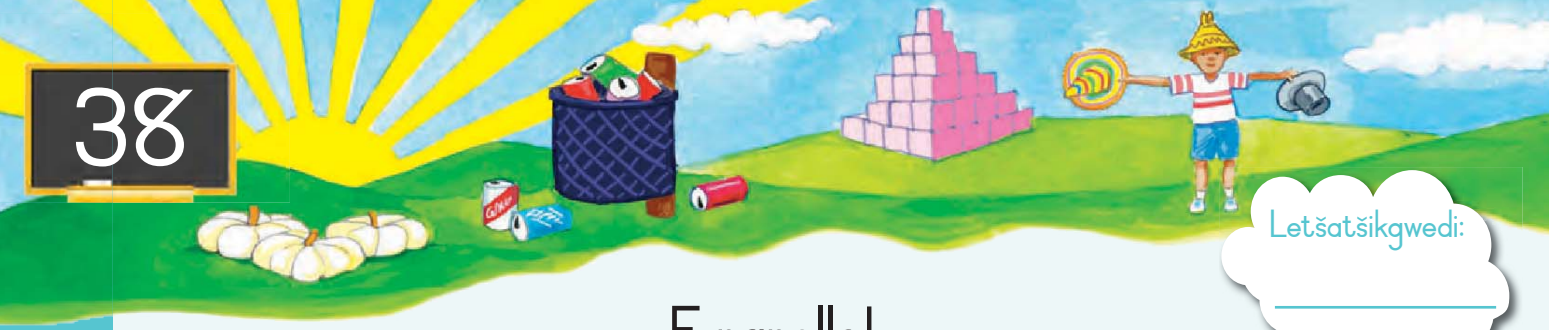


c. Pese ya sekolo e tšea leeto la 88 km mo mesong le 73 km ka meriti.
Ke dikolometara tše kae ge di hlakana?



Teacher:
Sign:
Date:





Letšatšikgwedi: _____

# E rarolle!



## Dikhurumelo tša mabotlelo

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



Mpho





Reabetšwe

Mpho o bala dikhurumelo tša mabotlelo tše 87. Reabetšwe o bala tše 94.
Sipho o bala ditswalo tše dingwe tše kae?



## Khonsata ya sekolo



Tumi



Tumi o rekiša dithekete. O thomile go rekiša dithekethe tše 92. O šetše ka tše 67.
Na Tumi o rekišitše dithekethe tše kae ka moka?







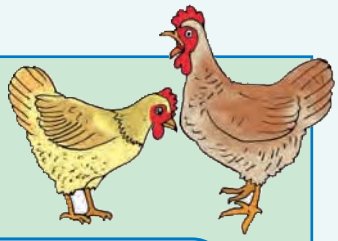




Go itlwaetša mo gongwe gape.



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



Tsela ya Rati

$60 + 90 + 9 + 5$

$= 100 + 50 + 14$

$= 150 + 10 + 4$

$= 164$

Tsela ya Ackar

$69 + 95$

$= 70 + 95 - 1$

$= 70 + 90 + 5 - 1$

$= 160 + 4$

$= 164$




a. Bašemane ba kgoboketša R96 ya leeto la phaposi. Basetsana ba kgobokeditše 79. Na bašemane ba kgobokeditše bokae? Ba kgobokeditše bokae mmogo?

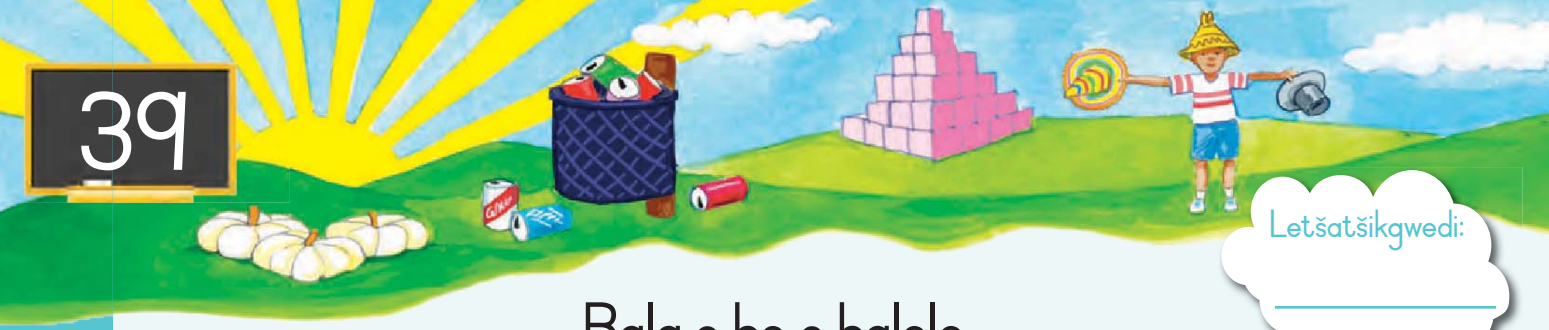
| Šomiša mokgwa wa Rati | Šomiša mokgwa wa Ackar |
|---|---|
| | |

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

| Šomiša mokgwa wa Rati | Šomiša mokgwa wa Ackar |
|---|---|
| | |

Teacher:
Sign:
Date:





Letšatšikgwedi: _____



# Bala o be o balele



## Go hwetša karolo

Ngwala dinomoro tšeo di sego gona.

a.

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

b.

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

c.

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

d.

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

e.

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

f.

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

g.

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

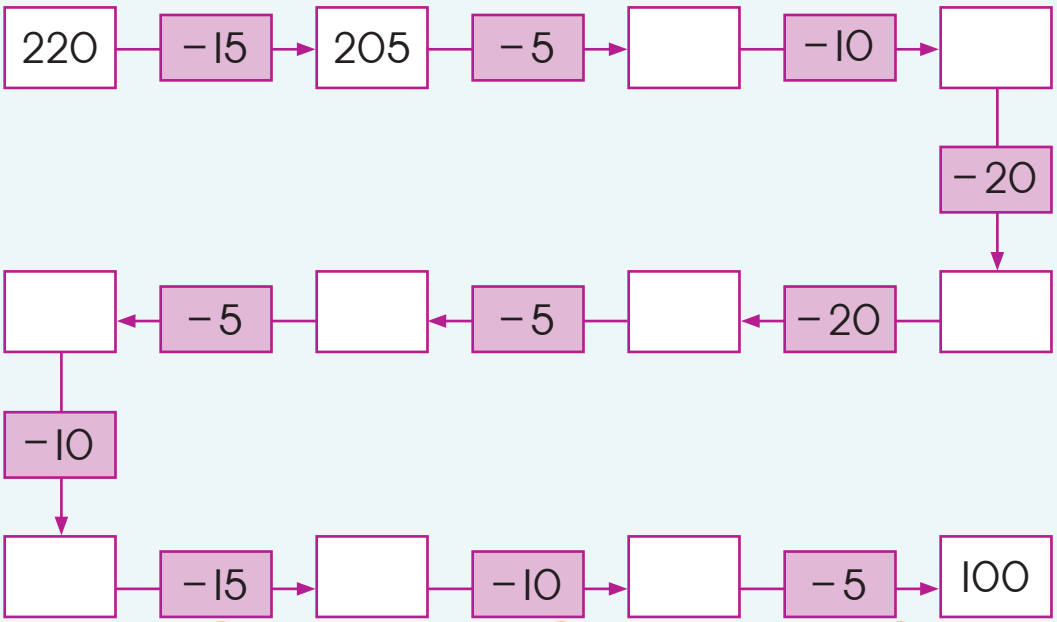
h.

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



## Balela morago go fihla go 100

Ntšha dipalo tša ka go pinki ka dinako tšohle.
Ngwala dinomoro o le gare o sepela.




Ye ke tsela ye bonolo ya go lekola dikarabo tša gago! Thoma ka 100. Balela morago go fihla ka 220. Bjale, oketša dinomoro.





1 2 3 4 5 6 7 8 9 10





Letšatšikgwedi: _____

# Go ela ka disentimetara



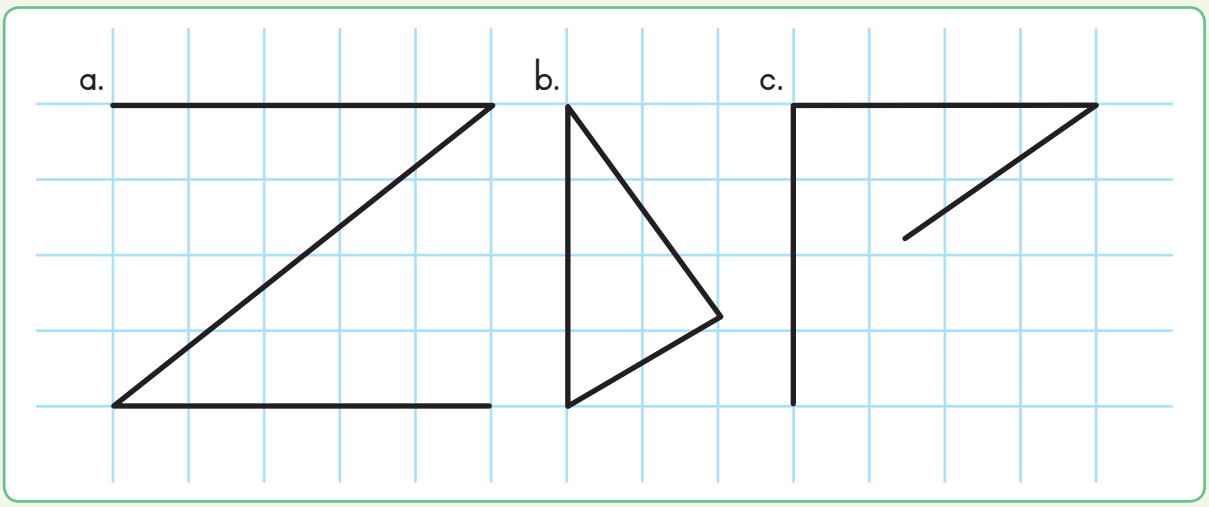
**Na bogolo bja sentimetara ke bjo bo kaakang?**




Dinomoro tšeo di lego go rula di emetše disentimetara.
Re šomiša khutsofatšo goba leswao la sm.
Ge o šomiša rula, o swanetše go thoma go ela go tloga ka 0.
Dirula tše dingwe ga di laetše 0 bjalo ka yeo e lego letlakaleng le.
Hwetša sm ya lefeela go rula. Ngwala 0 go rula.
Na disentimetara tše 10 di kae go rula ye? Ngwala 10 moo.



Akanyetša, ke moka o mete ka nepo ka rula ya gago, palomoka ya botelele bja methalo ye ka cm.




| | | |
|---|---|---|
| a. Akanyetša ____ cm | b. Akanyetša ____ cm | c. Akanyetša ____ cm |
| Meta ____ cm | Meta ____ cm | Meta ____ cm |





1 2 3 4 5 6 7 8 9 10





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

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

Šomiša monwana wa gago gore o go thuše go tšea sephetho.

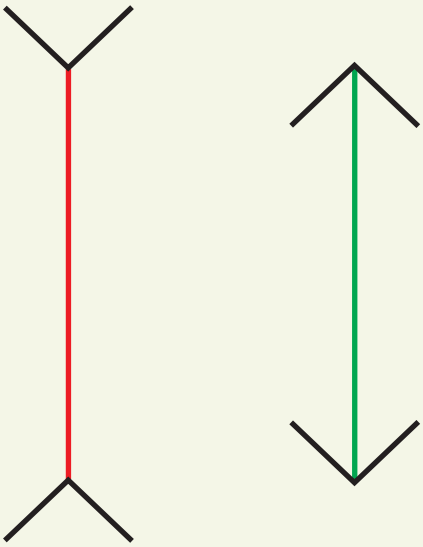
| | |
|---|---|
| a. ——— ☐ cm | d. \| ☐ cm |
| b. ——————— ☐ cm | e. ☐ cm |
| c. — ☐ cm | f. ☐ cm |



## Na o na le nnete?

Ke efe ye telele, mothaladi wo mohubedu goba wo motala?

Na o ka lekola bjang?





Se se bitšwa go leantšha mahlo. Se se direga ge mahlo a gago a bona selo seo se sego gona. Methaladi ye mebedi e na le botelele bja go lekana. Marumo ao a lebilego ka gare a dira gore mothaladi wa marumo wao a šupilego ka ntle a dire gore mothaladi o lebelelege o le wo motelele kudu.



Teacher:

Sign:

Date:



11 12 13 14 15 16 17 18 19 20

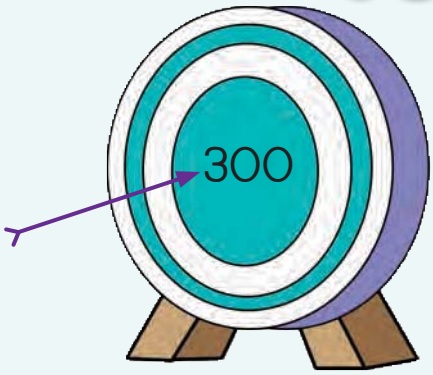



Letšatšikgwedi: _____

# Selebanywa 300



## Go bala le go ngwala ka di-200




Bala go tloga ka 201 go fihla ka 300.

Šupa o le gare o sepela.

Bjale ngwala dinomoro tše talalerata pele.

Ngwala dinomoro ka moka.



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

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

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



1 2 3 4 5 6 7 8 9 10



## 2 Motabogo ke eng?

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 301 | | 281 | | | | | |
| | | | | | | | |
| | | 171 | | | | | 211 |
| | | | | | | | |
| | | | | | | 101 | |

## 3 Go bontšha le go bapetša

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

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

200
90
8

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

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

## 4 Na phetogo ke eng? Ngwala dinomoro tše di tlogetšwego.

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

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

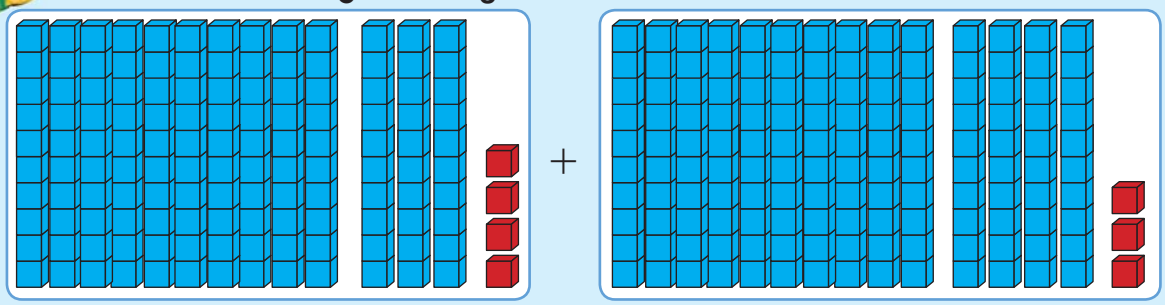
Teacher:
Sign:
Date:

# 42

Letšatšikgwedi: _____

## Go hlakanya le go arola ka di 100

### Go šomiša dibloko go hlakanya



100 30 4 + 100 40 3

= 200 70 7

= 277

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

a. 132 + 123



**Mokgwa wa Tumi**

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

= 200 + 50 + 5

= 255



**Mokgwa wa Dumi**

132 + 123

= 200 + 50 + 5

= 255

b. 114 + 162



1 2 3 4 5 6 7 8 9 10



c. 276 + 148

Lebelela mekgwa gomme o ntšhe.





a. 158 – 146

Mokgwa wa Tumi

= 100 – 100 + 50 – 40 + 8 – 6

= 0 + 10 + 2

= 12



Mokgwa wa Dumi

158 – 146

= 0 + 10 + 2

= 12

b. 194 – 122

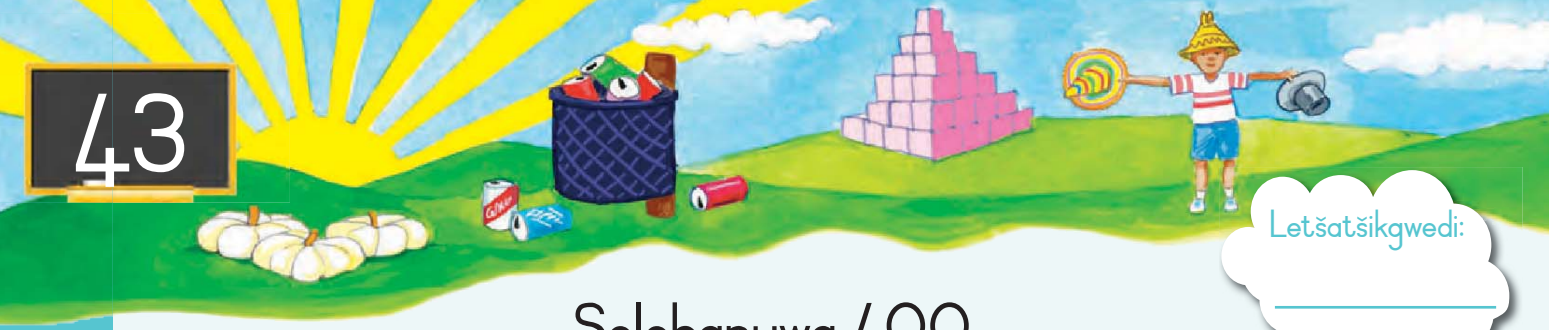
c. 288 – 199

Teacher:

Sign:

Date:





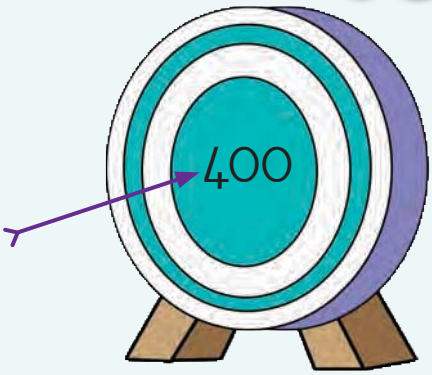
# 43

Letšatšikgwedi: _____

## Selebanywa 400



### Go bala le go ngwala di 400




Bala go tloga go 300 go ya go 400.

Bolela dinomoro ge o dutše o tšwela pele.

Ngwala dinomoro tše di tlogetšwego mo go kriti.

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



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

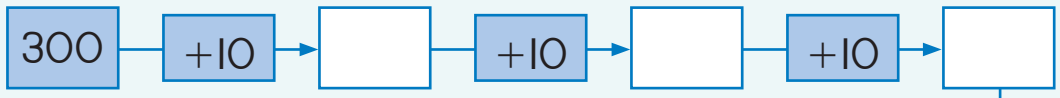
400; _____; _____; _____; _____; _____; _____; _____; _____; _____;

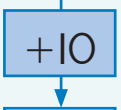


## Phetogo ke eng?

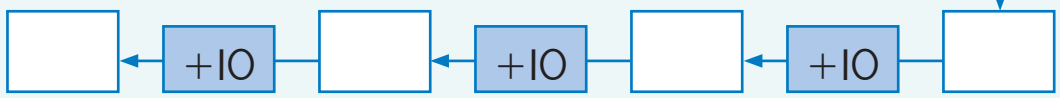
a. Go balela pele go tloga go 300

Thoma



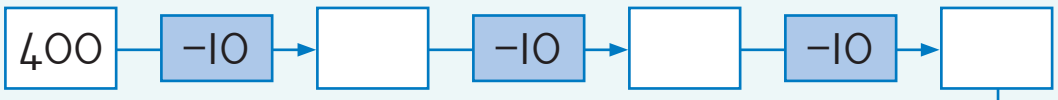



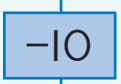

Fetša

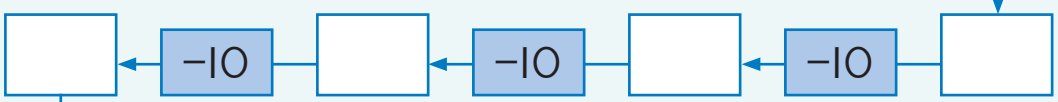


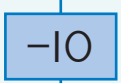

b. Bala go tloga go 400

Thoma







Fetša



## Ngwala bjalo ka nomoro e tee.

300 + 20 + 4 = _____

300 + 50 + 3 = _____

300 + 60 + 2 = _____

300 + 80 + 1 = _____

300 + 10 + 5 = _____

300 + 70 + 7 = _____

300 + 90 + 9 = _____

300 + 40 + 8 = _____

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

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






11 12 13 14 15 16 17 18 19 20

Letšatšikgwedi: _____

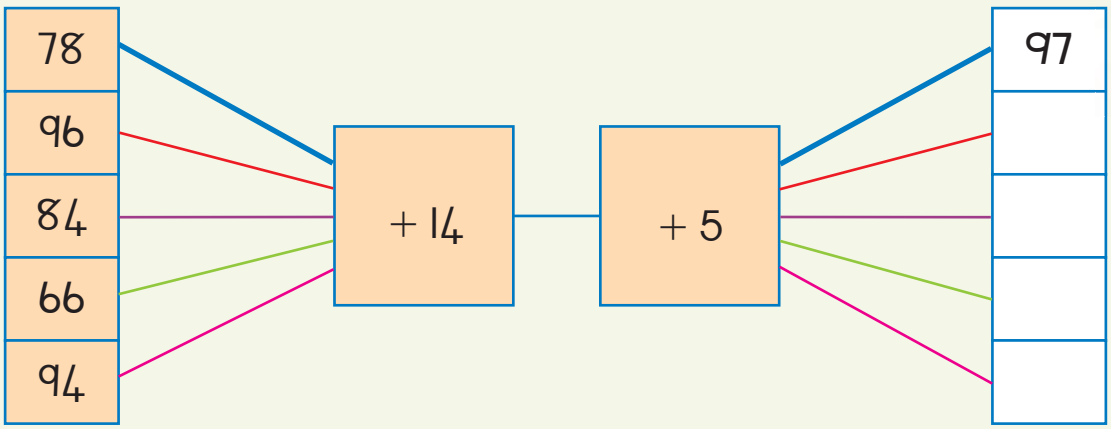
# Go kala



## Nomoro yeo e kgethilwego

Hlakanya o be o ngwale dikarabo.






## Hwetša palomoka gomme o hlakanye!

Nagana ka bohlale!

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

Hwetša palomoka ya boima bjo bja phoofolo bjo bongwe le bjo bongwe bja nomoro ya kgauswi le 10 kg.

_____

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

_____

Akanya palomoka ya boima bja diphoofolo tše 5.

_____



## Kopanya boima bja tšona

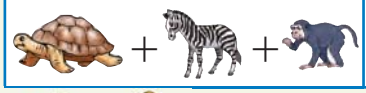


Nka no ba ke se boima go swana le wena, Khudu ya go tšofala, eupša ke na le nnete ya gore ke kitima go go feta!



Dikgato

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

| | Ke a akanya | Ke a bala | Pharologano |
|---|---|---|---|
|  | | | |
|  | | | |
|  | | | |

## Boima bja Lesiba

Lekola. Bapetša. Phošolla.

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

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

## Na ke imela bokae?

Bapalang ka dihlopha. Šielanang.



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

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20

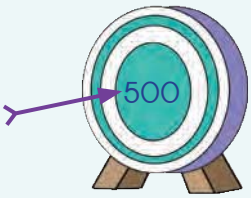
# 45

Letšatšikgwedi: _____

## Selebanywa 500



Bala o be o ngwale




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

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

b. Ngwala dinomoro tšeo di sego gona kriting.

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

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

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

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

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

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



1 2 3 4 5 6 7 8 9 10



## 2 Na phetogo e gokae?

a. Balela morago go tloga ka 400.

Thoma: 400 → +20 → ☐ → +30 → ☐ → +10 → ☐ → +10 → ☐

Fetša: ☐ ← +50 ← ☐ ← +10 ← ☐ ← +20 ← ☐

b. Balela morago go tloga ka 500.

Thoma: 500 → −2 → 498 → ☐ → 496 → ☐ → 494 → ☐ → 484 → ☐ → 474 → ☐ → 454 → ☐ → 434 → ☐ → 414 → ☐ → 404 → ☐ → 402 → ☐ → 400 Fetša



**Go laetša dinomoro. Latela mohlala.**

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

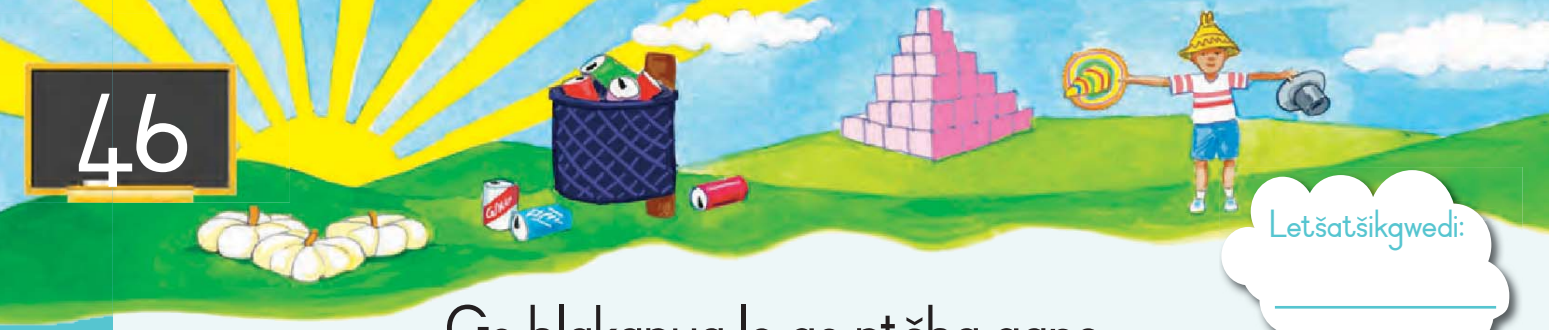
| | | |
|---|---|---|
| 405 + 10 | 415 | 400 + 10 + 5 |
| 446 + 10 | | |
| 455 + 10 | | |

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

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



# 46

Letšatšikgwedi: _____

## Go hlakanya le go ntšha gape

Na o lemoga eng?

| | | |
|---|---|---|
| 200 + 50 + 4<br>200 + 30 + 5 | 400 + 80 + 9 | 489 |



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

a. 245 + 231



**Mokgwa wa Tumi**

= 200 + 200 + 40 + 30 + 1
= 400 + 70 + 1
= 471



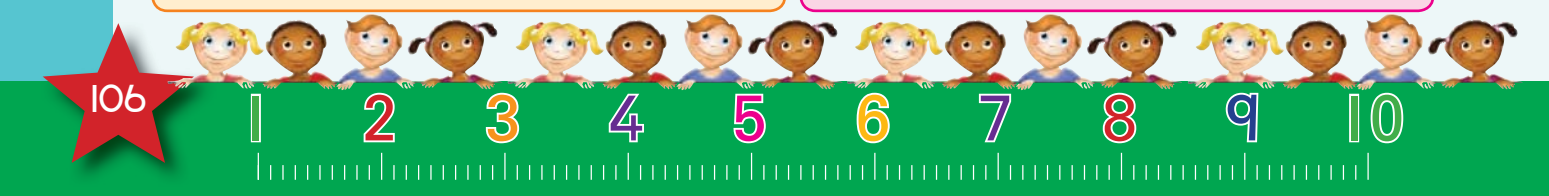
**Mokgwa wa Dumi**

245 + 231
= 400 + 70 + 6
= 471

b. 278 + 136

c. 265 + 148





47

Letšatšikgwedi: _____

# Kaonafatša mabokgoni a gago



## Thaba ya sephiri

Na ke thaba efe ye kgolo kudu kua Gauteng? Šomiša khoutu go hwetša karabo. Tswalanya karabo ye nngwe le ye nngwe lenaneong le tlhaka yeo e lego khoutung.

| A | B | C | D | E | F | G | H | I | J | K | L | M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

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

Leina la thaba ke: _____



1 2 3 4 5 6 7 8 9 10





## Lebelela! Nagana, gomme o arabe!

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ⊙ | ✷ | ☾ | ✷ | ⊙ | ⊙ | ✷ | ☾ | ✷ | ⊙ | ⊙ | ✷ | ☾ | ✷ | ⊙ |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

a.

Na nomoro ya 16 e tla ba ya sebopego sefe?
Swaya (✓) ya maleba. ✷ ⊙ ☾

Nomoro ya 18 e tla ba ya sebopego se sebjang?
Swaya (✓) ya maleba. ✷ ⊙ ☾

Nomoro ya 23 e tla ba ya sebopego se sebjang?
Swaya (✓) ya maleba. ✷ ⊙ ☾

b.

Nomoro ya 50 e tla ba ✷. Nnete goba Maaka?

Nomoro ya 100 e tla ba ⊙. Nnete goba Maaka?

Nomoro ya 23 e tla ba ☾. Nnete goba Maaka?



Hlahloba. Bapetša. Lokiša.



### Ye ntši ke efe?

Go hweša R250 ka letšatši e le tšhelete ya potla ka Mosegamanye le Phupu; goba go hwetša R150 letšatši la mafelelo a Phato?

Teacher:
Sign:
Date:



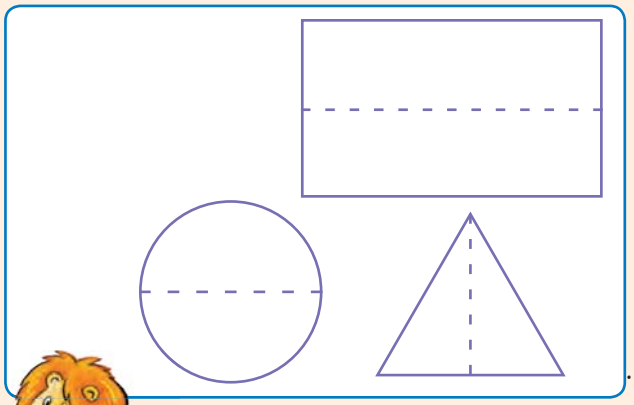


Letšatšikgwedi: _____

# Go lekana



O lemoga eng ka dibopego tše?

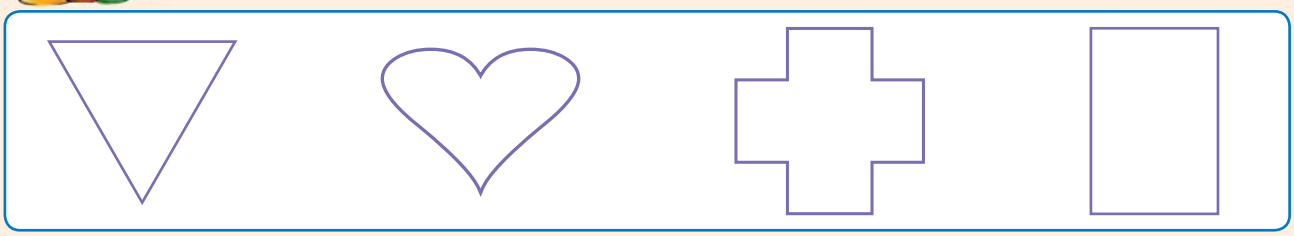




Mothalo wa tekanyetšo o arola dibopego ka diripa tše pedi tša go lekana, gore se sengwe le se sengwe se lekane le se sengwe tlwa!

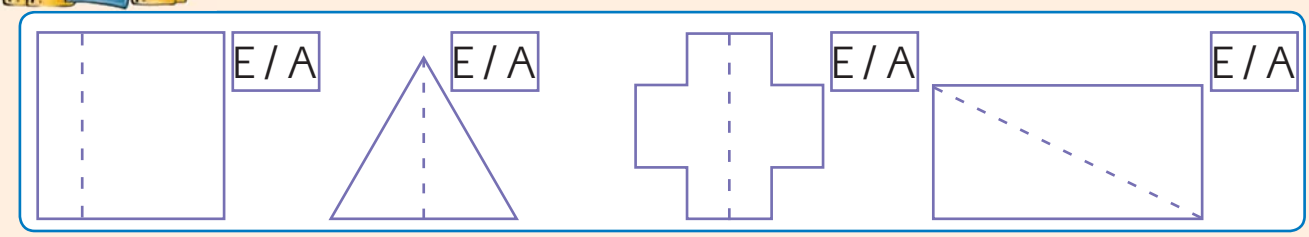
Sebopego se na le tekanyetšo ge o ka se mena go latela mothalotekanye tšo gore diripagare tše pedi di swane tlwa!







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





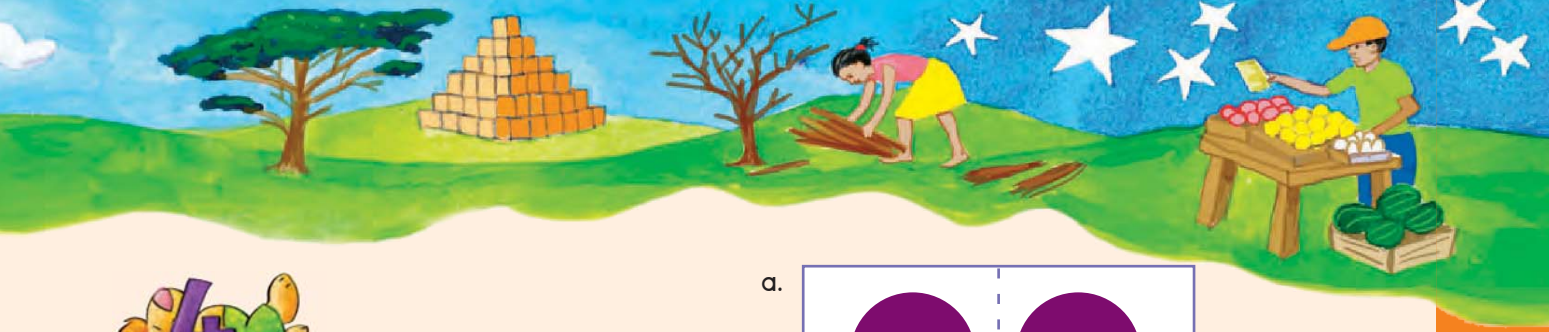

Na mothalo wo ke wa go lekantšha? Efa lebaka.







1 2 3 4 5 6 7 8 9 10

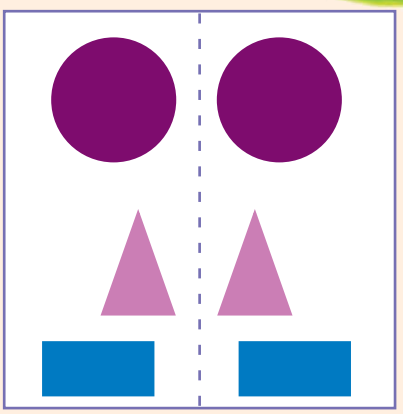




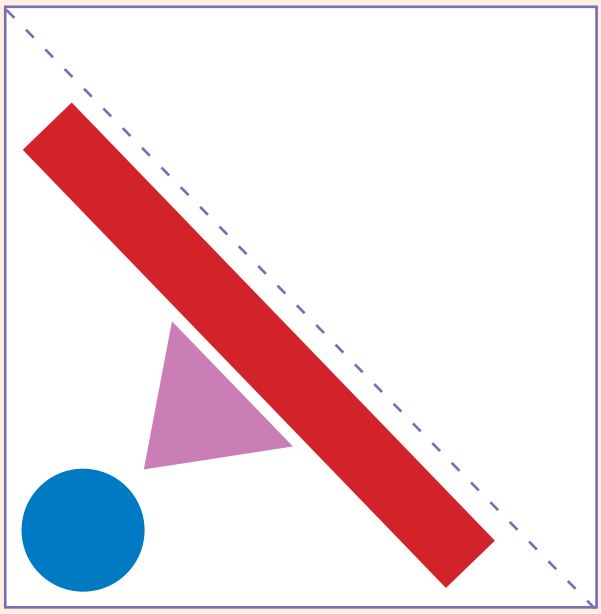
Thala dibopego, o dire gore seswantšho.

Re go diretše sa mathomo.

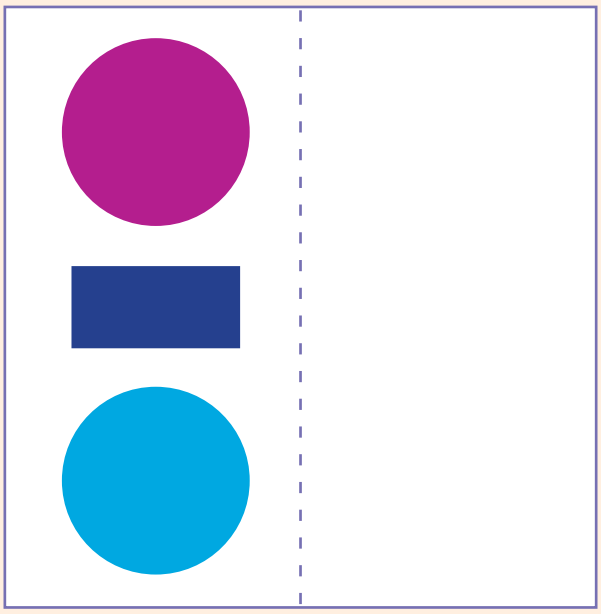
a.



b.



c.





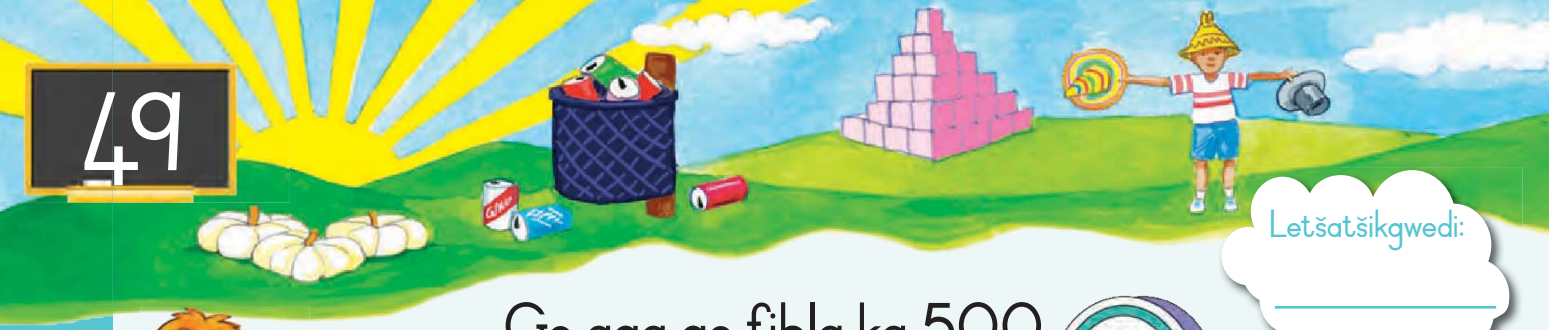
Itirele khapete ya go ba le dibopego tša go swana.








# 49

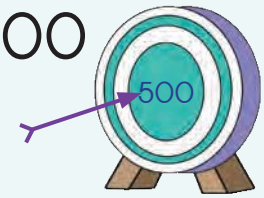


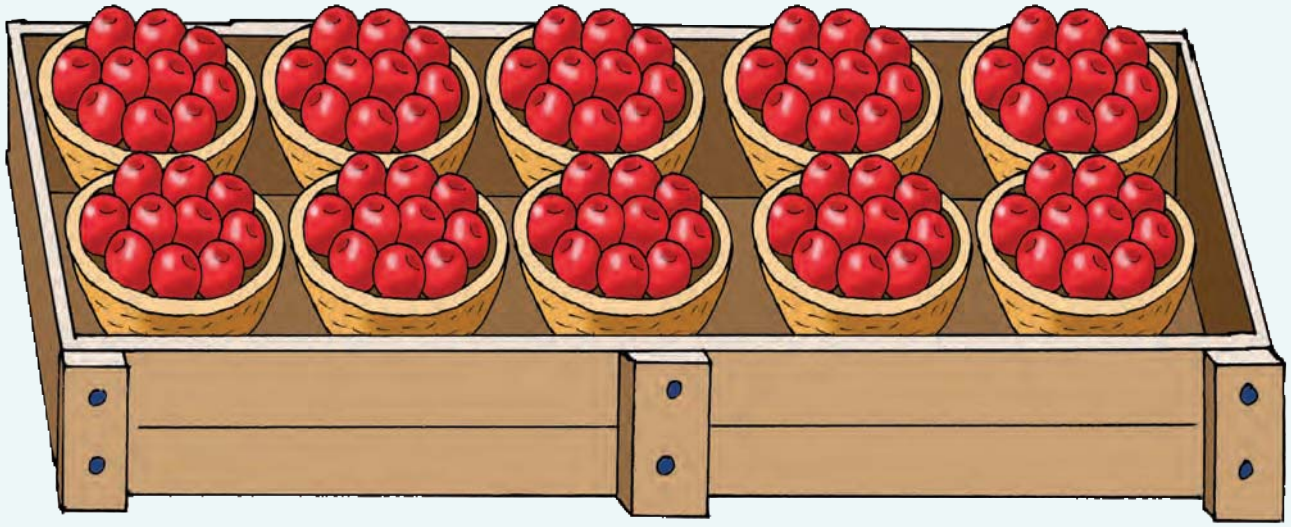
Letšatšikgwedi: _____

## Go aga go fihla ka 500



Bala diapola



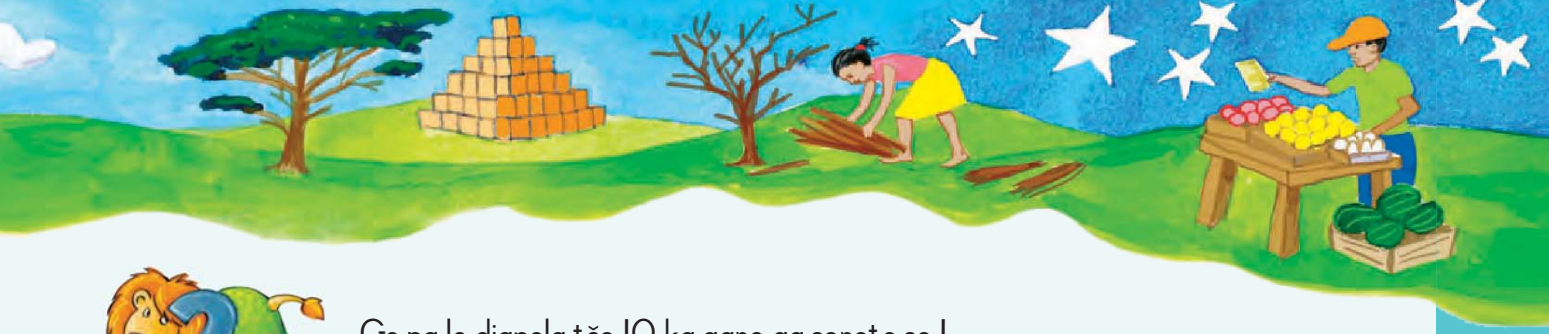
Feleletša o be o atiše

| | |
|---|---|
| Serotwana se 1 se swara diapola tše _____. | 1 × 10 = 10 |
| Dirotwana tše 3 di swara diapola tše ____. | 3 × 10 = |
| Dirotwana tše 5 di swara diapola tše ____. | |
| Dirotwana tše 4 se swara diapola tše ____. | |
| Dirotwana tše 2 se swara diapola tše ____. | |

| | |
|---|---|
| Khreiti e 1 e swara diapola tše 100. | Dikhreiti tše 2 di swara diapola tše____. |
| Dikhreiti tše 3 di swara diapola tše____. | Dikhreiti tše 4 di swara diapola tše____. |
| Dikhreiti tše 5 di swara diapola tše____. | Diripagare tše 2 tša dikhreiti di swara diapola tše _____. |



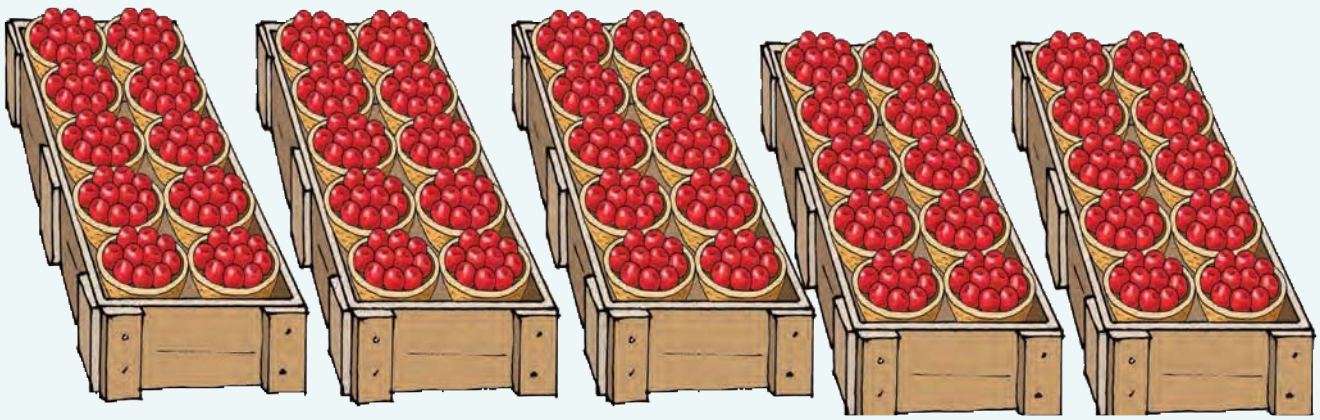
1 2 3 4 5 6 7 8 9 10





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

| |
|---|
| Go na le diroto tše _____ ka gare ga lepokisana le tee. |
| Go na le diapola tše _____ ka gare ga lepokisana le tee. |
| Na ke diapola tše kae ka moka? _____ |





## Go humana, go bontšha le go ngwala

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

300
40
5

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

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20




Letšatšikgwedi: _____

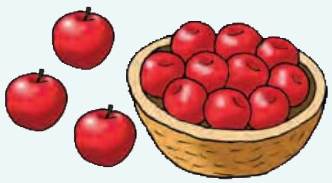
# Go atiša le go arola (10)



## Go bala diapola

Ngwala mo sekgobeng mo lenaneong.

Ke dirotwana tše kae tšeo di nago le diapola?

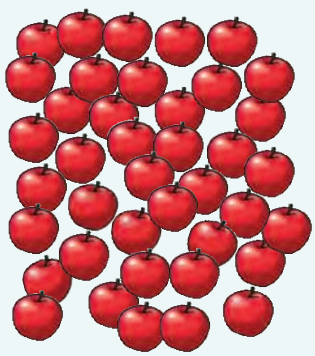


| Diapola  | 10 | 20 | 30 | 40 | 50 |
|---|---|---|---|---|---|
| Dirotwana  | 1 | 2 | | | |
| ÷ palo | | | | | 50 ÷ 10 = 5 |
| × palo | | | | | 5 × 10 = 50 |



Arola diapola gare ga bana. Dira sethalwa.









Lebelela dikara tša gago.

□ ÷ □ = □

□ × □ = □

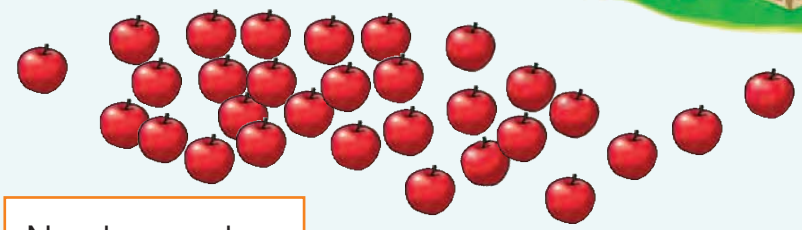




1 2 3 4 5 6 7 8 9 10

b.







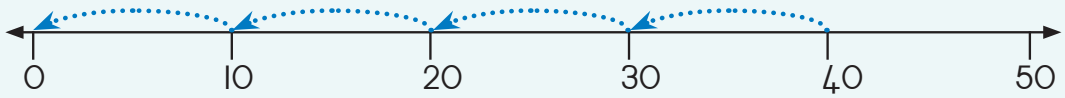
Ngwala a ÷ palo

Ngwala a × palo go hlahloba dikarabo tša gago.





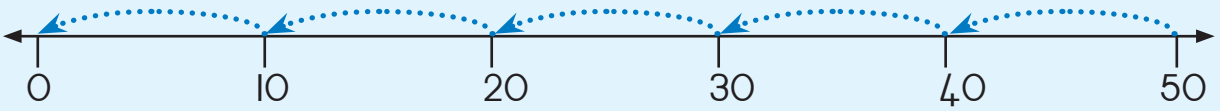
Šomiša dinomoro o itirele mafokopalo.




| ÷ | 40 ÷ 10 = 4 |
|---|---|

| × | 4 × 10 = 40 |
|---|---|

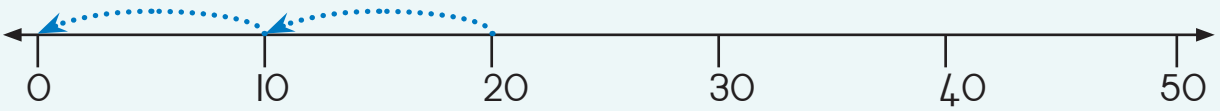
a.




| ÷ | |
|---|---|

| × | |
|---|---|

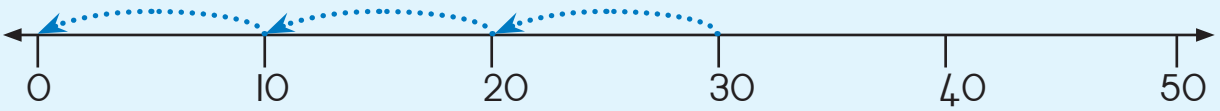
b.




| ÷ | |
|---|---|

| × | |
|---|---|

c.




| ÷ | |
|---|---|

| × | |
|---|---|



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

| _____, 460, _____ | _____, 390, _____ | _____, 500, _____ |
|---|---|---|

Teacher:
Sign:
Date:



# 51

Letšatšikgwedi: _____

## Go bala ka di-2



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

a. 232; 234; _____; _____; _____; 242; _____; _____; 248

b. 500; _____; 496; _____; _____; 490; _____; _____; _____

c. 460; _____; _____; 400; _____; 360; _____; _____; _____

d. 341; _____; 361; _____; _____; 391; _____; 411; _____; _____



Diphere tša diklelafo



a. Na go na le diphere tše kae tša diklelafo mothalading o tee? _____

b. Na go na le diklelafo tša go sepela di le noši tše kae mothalading o tee? _____

c. Na ke methaladi ye mekae? _____

d. Na ke diklelafo tše kae ka moka? _____

e. Laetša ka fao o di šomago ka gona.

f. Ngwala karabo ya gago bjalo ka lefokopalo.
_____ × _____ = _____





1 2 3 4 5 6 7 8 9 10





## Na ke diklelafo tše kae?

Ngwala ka gare ga mapokisana.

a.

| Phere | 10 | 5 | 50 | 4 | 40 | 3 | 30 | 100 |
|---|---|---|---|---|---|---|---|---|
| Diklelafo | | | | | | | | |

b.

| Klelafo e tee | 20 | 21 | 70 | 73 |
|---|---|---|---|---|
| Diphere tšeo di ka dirwago | | | | |
| Klelafo e tee yeo e šetšego | | | | |



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

a. Ke palo efe ye e tlago gare?

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

b. Ngwala dinomoro tše pedi tše di latelago.

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

c. Ngwala dinomoro tše pedi tše di latelago.

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

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20

Letšatšikgwedi: _____

# Dira tselanamaoto ka dithaele



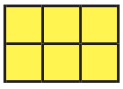
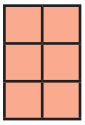
## Go beakanya serapana




Mohumagadi Mabena o na le dithaele tše botse.

O di šomiša go dira tselanamaoto ka serapaneng sa gagwe.

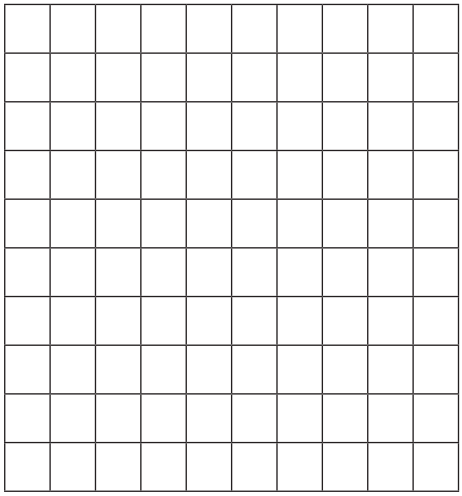
Go na le dithaele tša dikwere tše 6 tša bogolo bja go lekana.

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

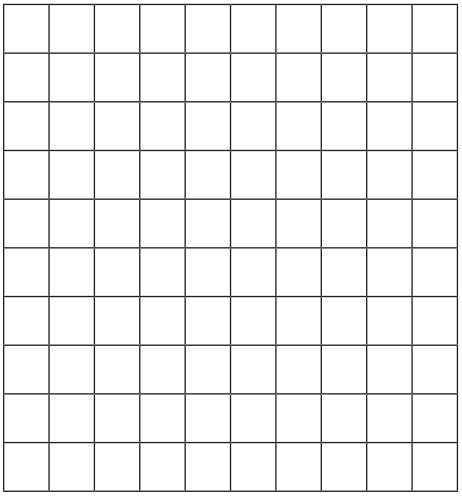
## Bjale ke sebaka sa gago!

Thala mapokisana go laetša ka fao o ka beakanyago dithaele tša dikwere tše 8 le 9.
Ngwala mafokopalo a sethalwa se sengwe le se sengwe.

8 dikwere



9 dikwere







## Beakanya dithaele tše 12

Thabo o na le dithaele tša dikwere tše 12 tša go dira tselanamaoto ka ntle moo a beago paesekele ya gagwe. Mo thuše ka fao a ka dirago se.
Ngwala lefokopalo la tsela ye nngwe le ye nngwe.

| Mohlala: | $1 \times 12 = 12$<br>$12 \times 1 = 12$ |
|---|---|
| | |
| | |



## Beakanya dithaele tše 24

- Šomiša kriti ya Karolo ya Seripšwa sa 5.
- Thala ka gare ga tšona go akaretša mapokisana a 24.
- Ngwala lefokopalo go tswalanya sethalwa se sengwe le se sengwe.

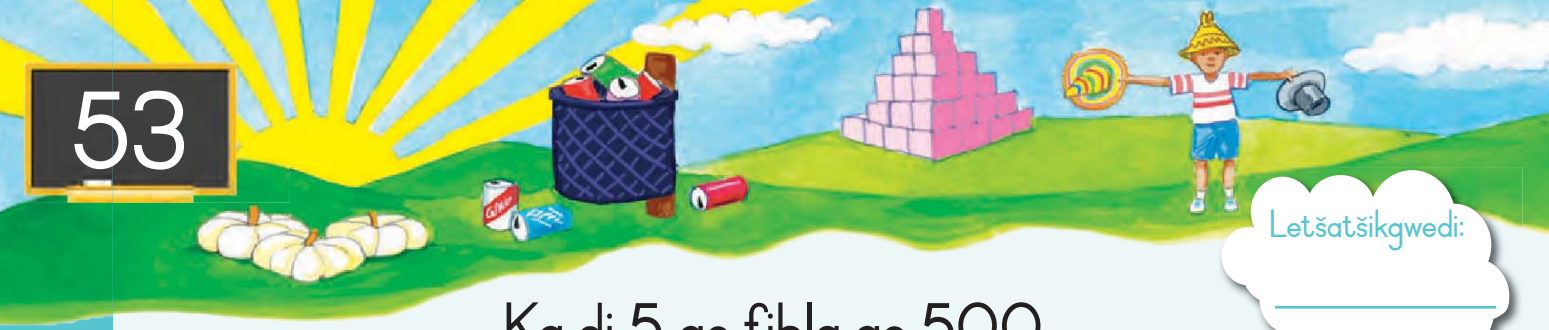


## Ke kgona go atiša!

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

Teacher:
Sign:
Date:





Letšatšikgwedi: _____



# Ka di 5 go fihla go 500



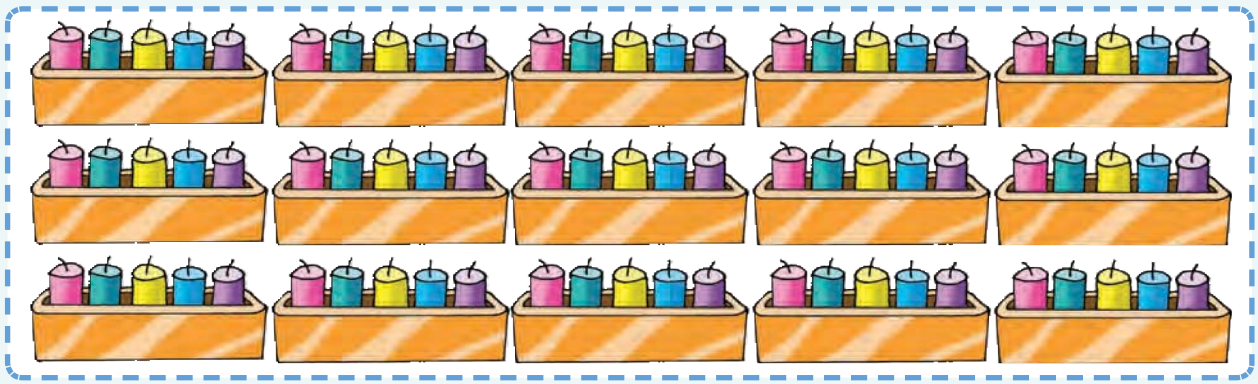
## Tseba go bala ka di 5

Ngwala dikarabo.

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|
| × 5 | 5 | | | | | | | | | |



## Bala dikerese



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

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

c. Palomoka ya dikerese ke ye kae ka palo mothalong wo mongwe le wo mongwe? __

d. Palomoka ya dikerese ke efe? _____



## Laetša karabo

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

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



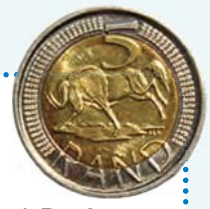
## Go balela pele le morago ka di 5

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

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

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

## Go kgoboketša dikhoine tša di R5



Bana ba kgoboketša dikhoine tša di R5. Ba swanelwa ke go dira dikhoine tše kae tša di R5?

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

2 × R5 = R

4 × R5 = R

3 × R5 = R

6 × R5 = R




## Atiša ka di 5

Mohlala: 1 × 5 = 5; 11 × 5 = 55; 21 × 5 = 105

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

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

Teacher:
Sign:
Date:





Letšatšikgwedi: _____

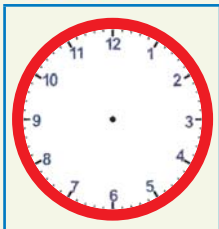
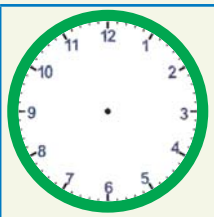
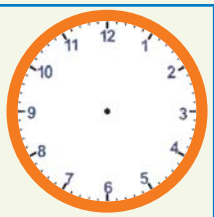
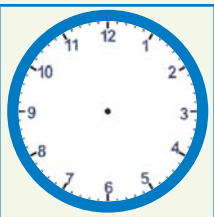
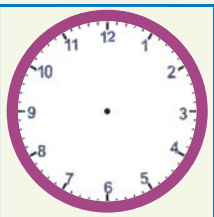
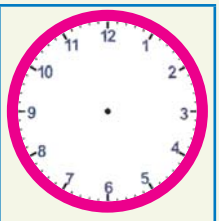


# Go šoma ka nako



## Go thala dinako



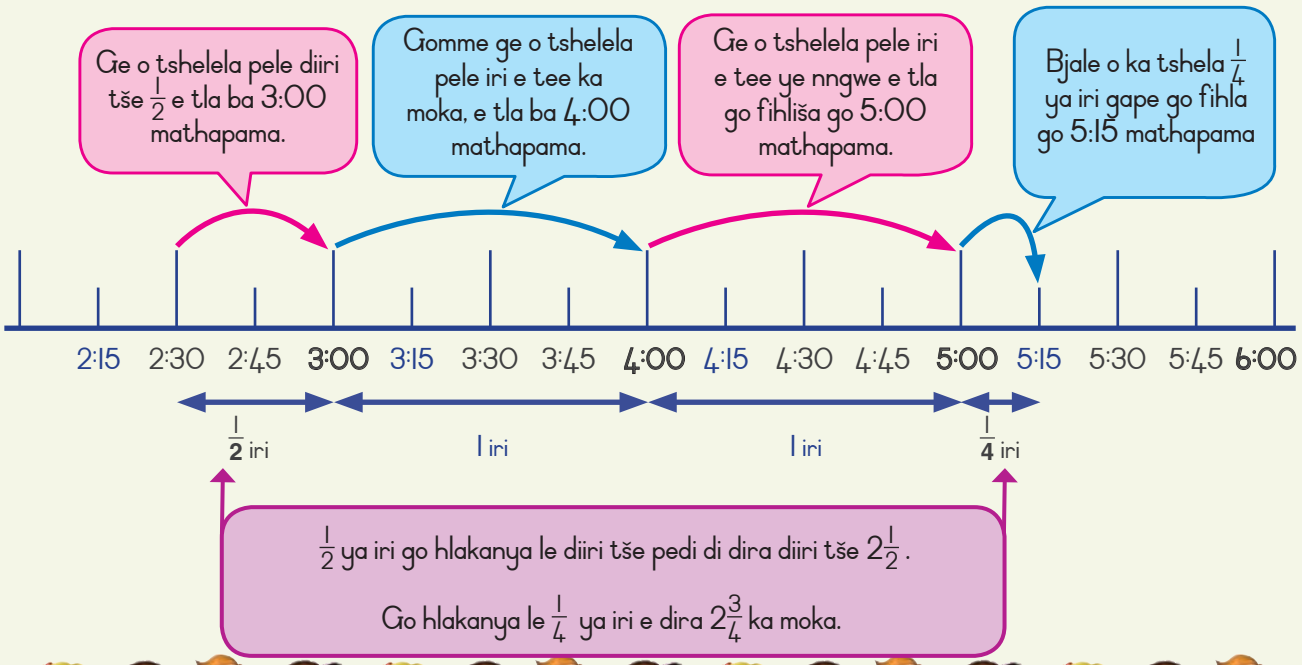
| | | | | | |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| Seripagare go ya go iri ya 5 | Kotara go ya go iri ya lesometee | Kotara go tšwa go 12 | 12:45 | 6:15 | 4:30 |



## Lefokopalo la nako

Mmago Nomsa o tloga ka gae ka 2:30 mathapama. O boa gae ka 5:15 mathapama. Na o tšwele lebaka le le kaakang?

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




$\frac{1}{2}$ ya iri go hlakanya le diiri tše pedi di dira diiri tše $2\frac{1}{2}$.

Go hlakanya le $\frac{1}{4}$ ya iri e dira $2\frac{3}{4}$ ka moka.





## Lefokapalo la nako

Lekola. Bapetša. Phošolla.

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

a. Queenie o etela Tatagwe kliniking ka 3:45.
O tloga kliniking ka 5:15.
Na go tšere lebaka le lekaakang ga mo etetše?

_____



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

_____



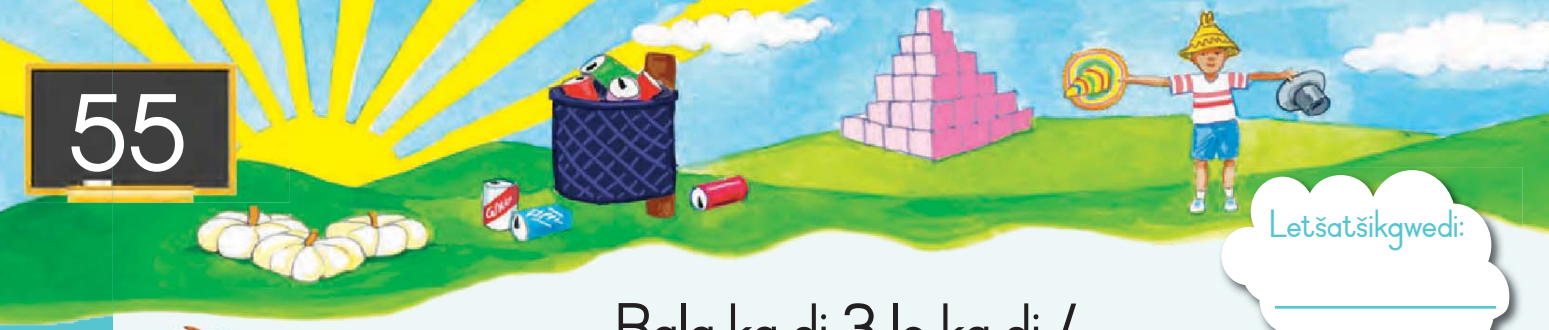
c. Tumi o thoma go ithuta ka 1:15.
O fetša ka 2:45.
Na Tumi o ithuta nako ye kaakang?

_____



Teacher:
Sign:
Date:





Letšatšikgwedi: _____



# Bala ka di 3 le ka di 4



## Dipitša tša maotwana a 3

Hlakanya gomme o ngwale dikarabo



a. Go dipitša tše kae mo mothalong? _____

b. Go maotwana a makae mo mothalong? _____

c. Go methalo ye mekae ya dipitša? _____

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

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

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



## Maotwana a makae?

Gopola ka lebelo.
Gopola ka bohlale.

| | | |
|---|---|---|
| 1 pitša | 3 | maotwana |
| 2 dipitša | | maotwana |
| 5 dipitša | | maotwana |

| | | |
|---|---|---|
| 10 dipitša | | maotwana |
| 15 dipitša | | maotwana |
| 13 dipitša | | maotwana |

| | | |
|---|---|---|
| 5 dipitša | | maotwana |
| 12 dipitša | | maotwana |
| 14 dipitša | | maotwana |



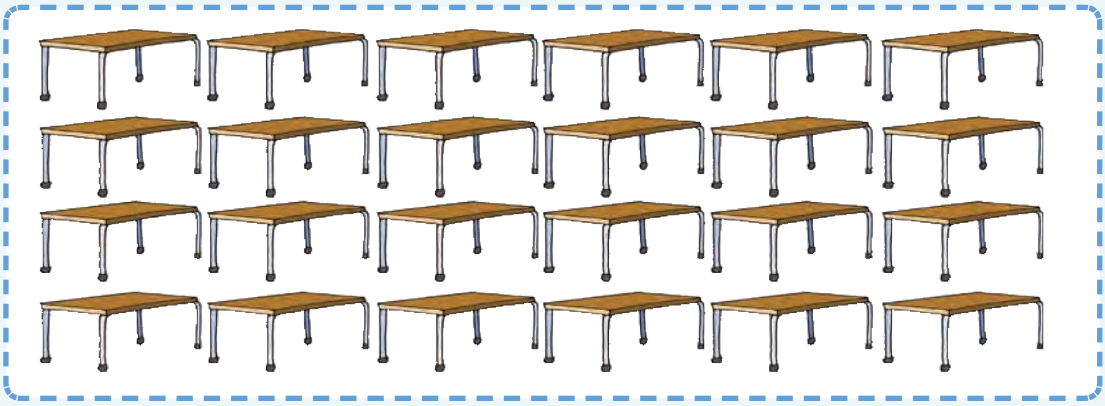


1 2 3 4 5 6 7 8 9 10





## Maoto a tafola



a. Go ditafola tše kae mo mothalong? _____

b. Go maotwana a makae mo mothalong? _____

c. Go methalo ye mekae ya ditafola? _____

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



## Fabriking



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

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

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



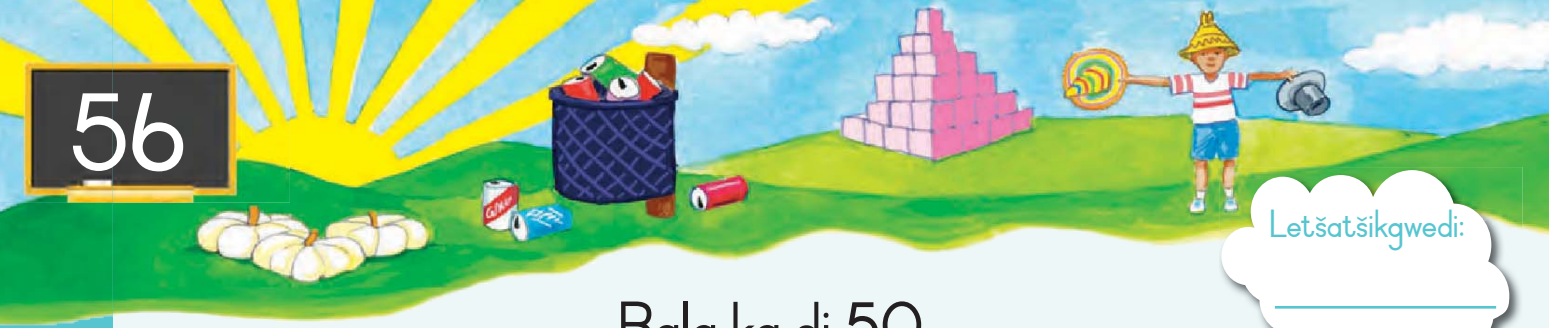
## Feleletša kriti ka go ngwala dikarabo

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

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



Letšatšikgwedi: _____



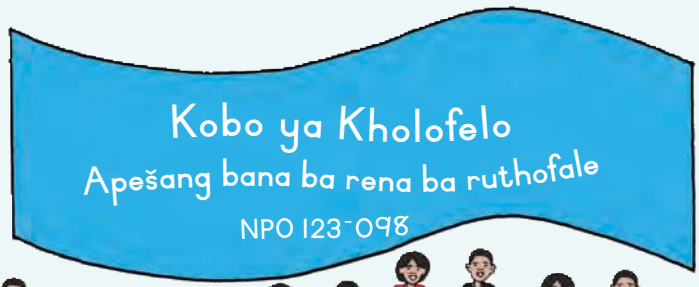
# Bala ka di 50



**Ngwana o tee, kobo e tee!**

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










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

| Akanya | Bala | Bapetša |
|---|---|---|
| | | |

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





1 2 3 4 5 6 7 8 9 10





## Na ba lefa bokae?

Gwazi  o reka  tše 2.

O lelefa R

Moh Chaane  o reka tše 5 

O lelefa R

Lebenkele la Thembi le 

reka  tše 20.

Ba lelefa R




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



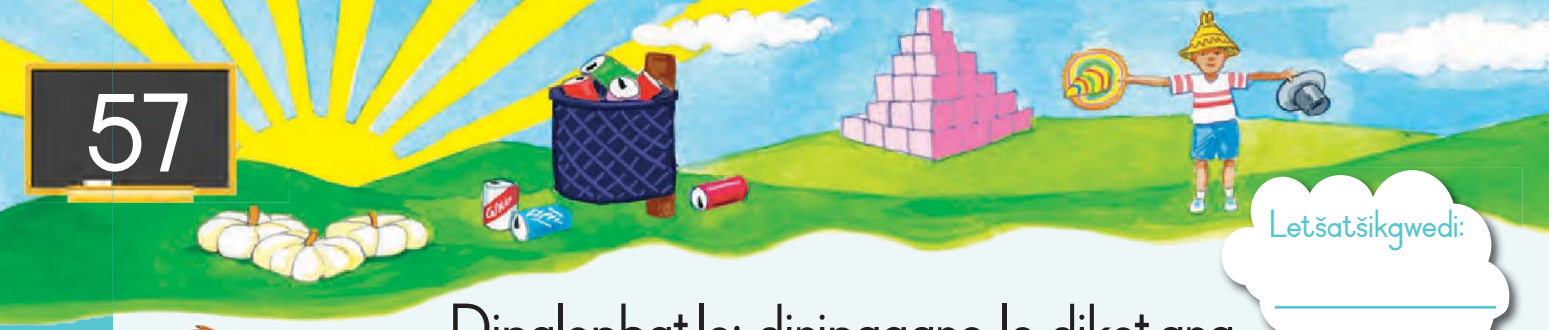
### Na go tla tšea sebaka se sekaakang? Šomiša almanaka.



Baithuti ba phaposi ya Mphato wa 3 ba kgoboketša tšhelete ya go reka mapai a 4.
Ba kgoboketša R5 ka letšatši matšatši a 5 a beke.
Ba thoma Mošupologo wa mathomo wa Hlakola.
Na ke letšatši lefe la Hlakola leo ba tla bego ba hweditše tšhelete yeo ba e nyakago?





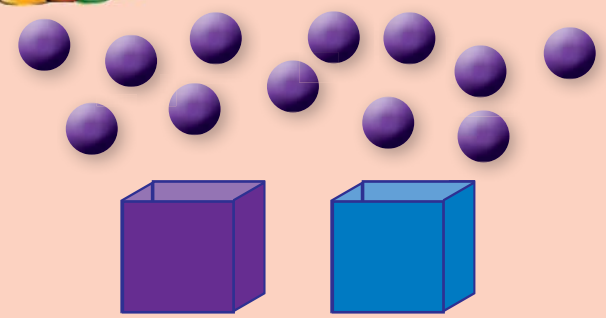
Letšatšikgwedi: _____

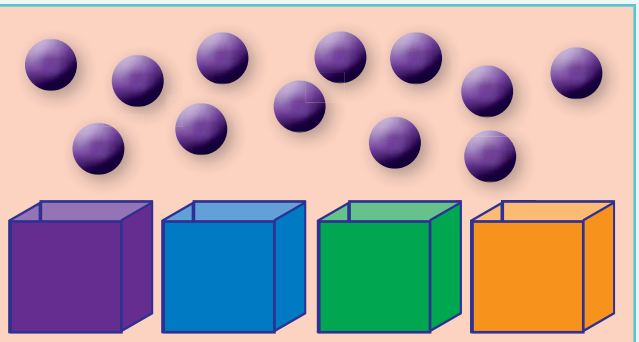


# Dipalophatlo: diripagare le dikotara



Arola dibolo ka go lekana ka mapokising.



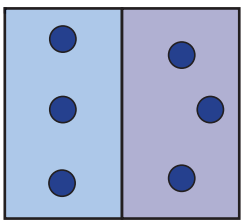


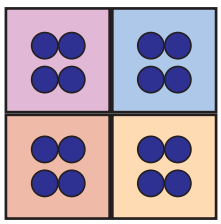
- Go na le dibolo tše kae ka lepokising le lengwe le le lengwe? ☐
- Ke palophatlo efe ye e lego ka lepokising le le phepholo? ☐
- Ke palophatlo efe ka lepokising le lephepholo? ☐

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



Lebelela diswantšho gomme o arabe dipotšišo.





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

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

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

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

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

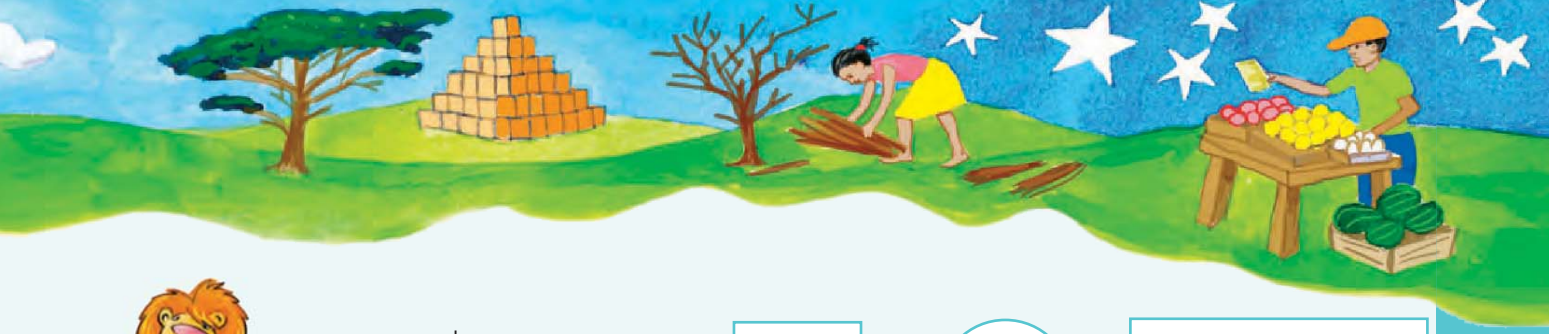
Na $\frac{3}{4}$ ya didiko ke bokae? ☐

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





1 2 3 4 5 6 7 8 9 10





Khalara $\frac{1}{2}$ sa dibopego se sengwe le se sengwe.

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

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

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



## Lebelela meseto ya dipalophatlo.

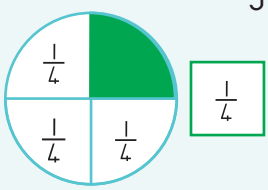
| Palomoka e 1 | |
|---|---|
| $\frac{1}{2}$ | $\frac{1}{2}$ |
| $\frac{1}{4}$ $\frac{1}{4}$ | $\frac{1}{4}$ $\frac{1}{4}$ |

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

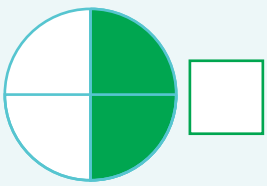
Ke di ($\frac{1}{4}$) tše kae tše di dirago palomoka?

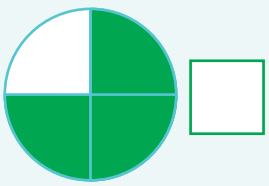
Ke di ($\frac{1}{4}$) tše kae tše di dirago seripagare?

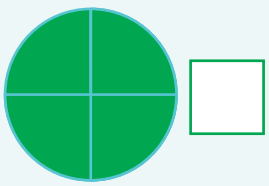
b. Lebelela ditshwantšho gomme o ngwale palophatlo boemong bja karolo yeo e ntshofaditšwego.




$\frac{1}{4}$







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

Teacher:
Sign:
Date:

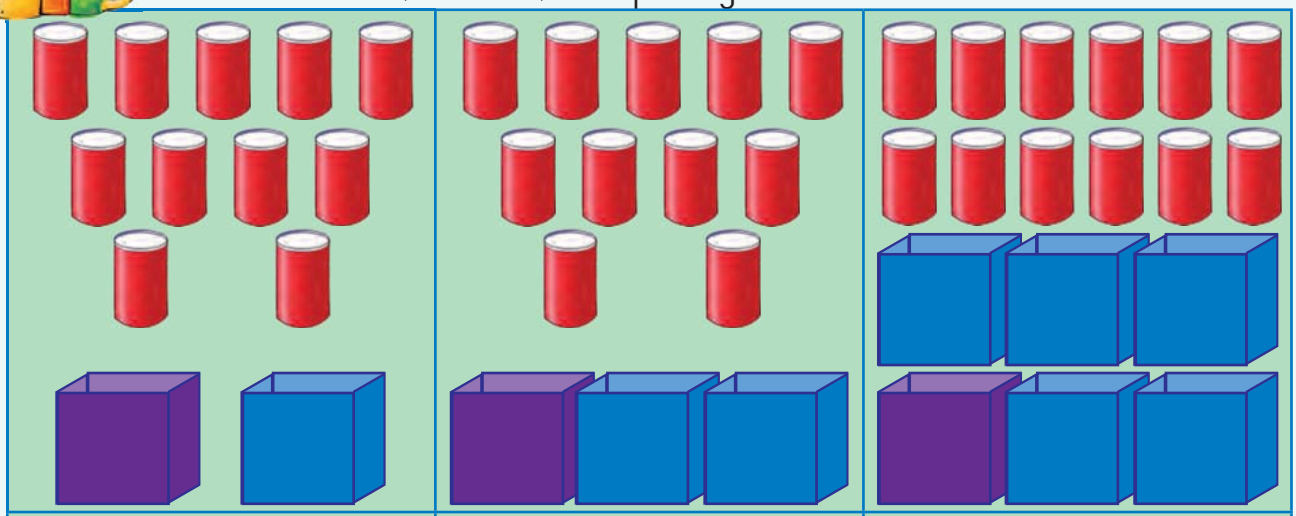


11 12 13 14 15 16 17 18 19 20

Letšatšikgwedi: _____

# Dipalophatlo: diripagare, diteetharong le diteetsheleng.

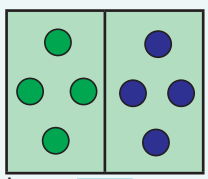
Arola ditshitswana (disilintere) ka mapokising.



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

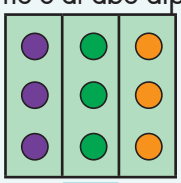
Lebelela diswantšho gomme o arabe dipotšišo.





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

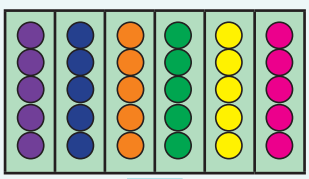
Na $\frac{1}{2}$ ya didiko ke bokae? ☐



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

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

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



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

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

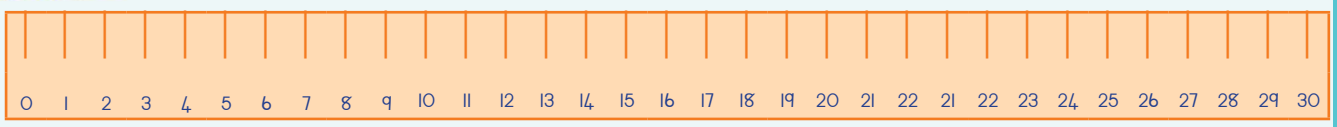
Na $\frac{3}{6}$ ya didiko ke bokae? ☐

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

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








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



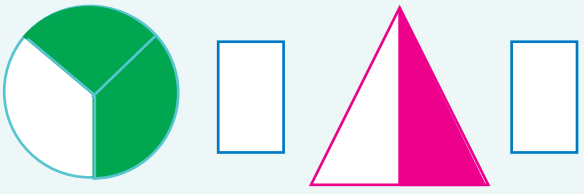
Lebelela meseto ya dipalophatlo. Feleletša mafoko.

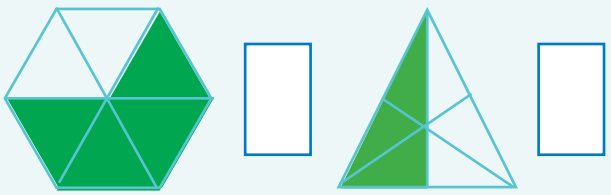
| Palotlalo e 1 | | | | | |
|---|---|---|---|---|---|
| $\frac{1}{2}$ | | | $\frac{1}{2}$ | | |
| $\frac{1}{3}$ | | $\frac{1}{3}$ | | $\frac{1}{3}$ | |
| $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ |

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



Ngwala palophatlo seeming sa karolo ye e ntshofaditšwego.





Dira sediko palophatlong ye kgolwane.

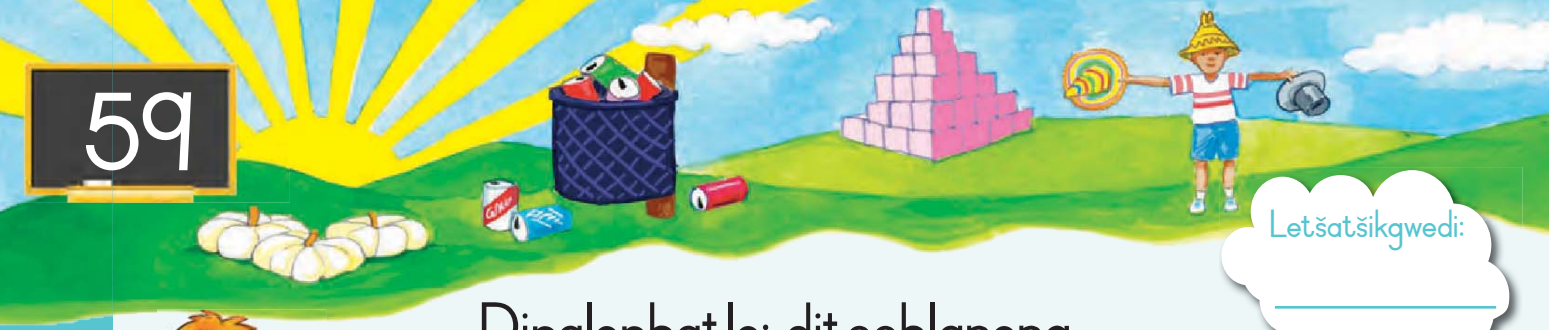
$\frac{1}{2}$ $\frac{1}{3}$

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

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

Teacher:
Sign:
Date:





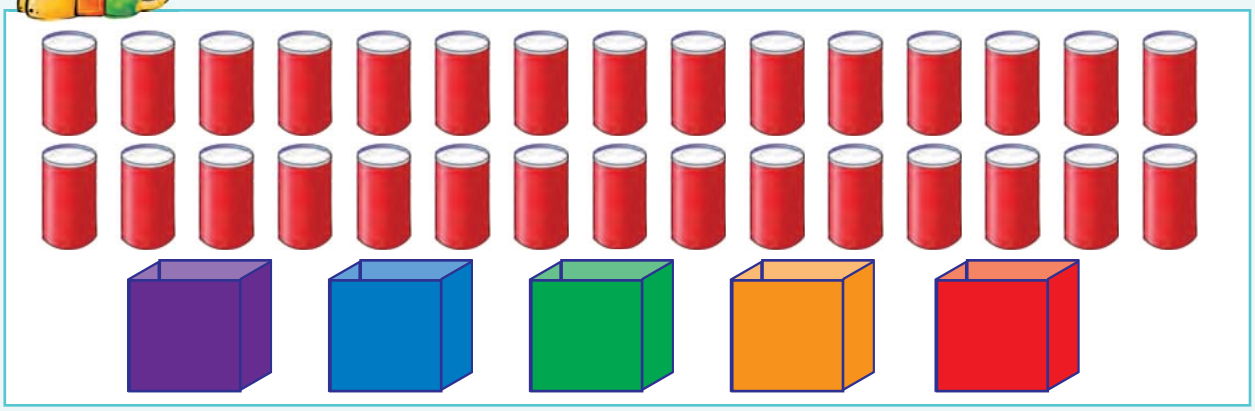
Letšatšikgwedi: _____



# Dipalophatlo: diteehlanong



Arola ditshitswana gare ga mapokisi.



- Ka go $\frac{1}{5}$ ya mapokisi go na le ditshitswana tše [6].
- Ka go $\frac{2}{5}$ ya mapokisi go na le ditshitswana tše [ ].
- Ka go $\frac{3}{5}$ ya mapokisi go na le ditshitswana tše [ ].
- Ka go $\frac{4}{5}$ ya mapokisi go na le ditshitswana tše [ ].
- Ka go $\frac{5}{5}$ ya mapokisi go na le ditshitswana tše [ ].

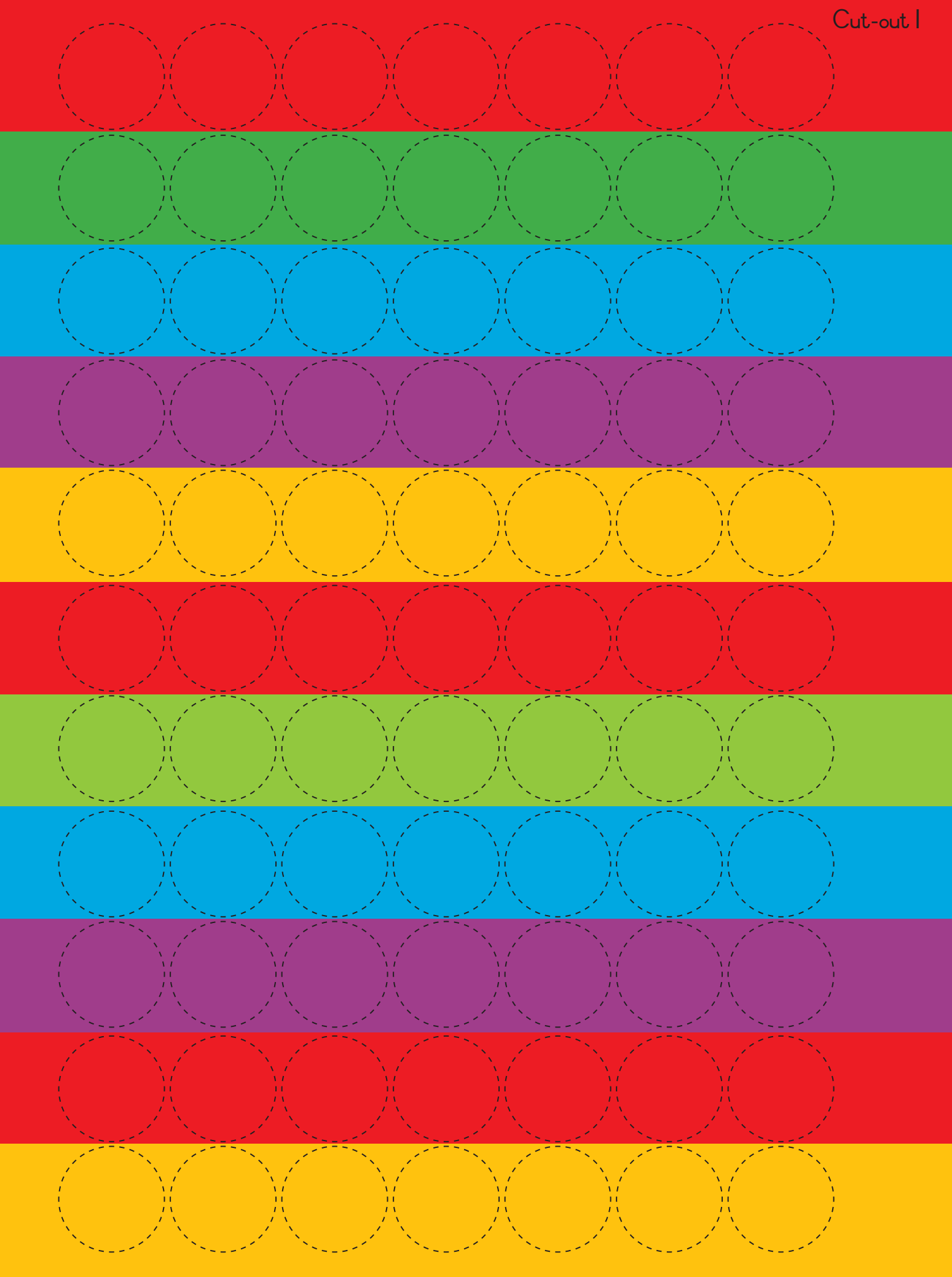


Lebelela seswantšho gomme o arabe dipotšišo.



Go na le ditšhokolete tše kae ka lepokising? [ ]

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


Cut-out 1

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 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 |
| 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 |

Mphato wa 3

Rainbow WORKBOOKS

# Mmetse ka SEPEDI

Puku ye ke ya:

_____

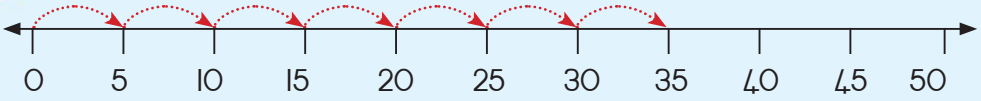


SEPEDI

Puku ya 1

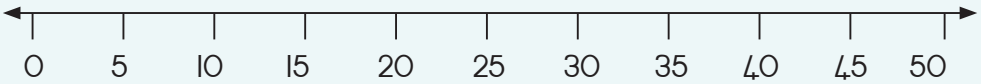


## Feleletša mafokopalo le methalopalo



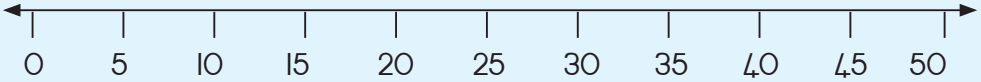

5 + 5 + 5 + 5 + 5 + 5 + 5 = 35 goba 7 × 5 = 35

a.



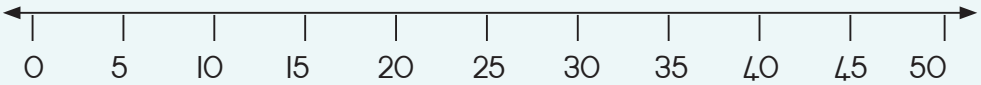

5 + 5 + 5 + 5 = ☐ goba ☐ × ☐ = ☐

b.




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

c.




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

## Go thea hlapi

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





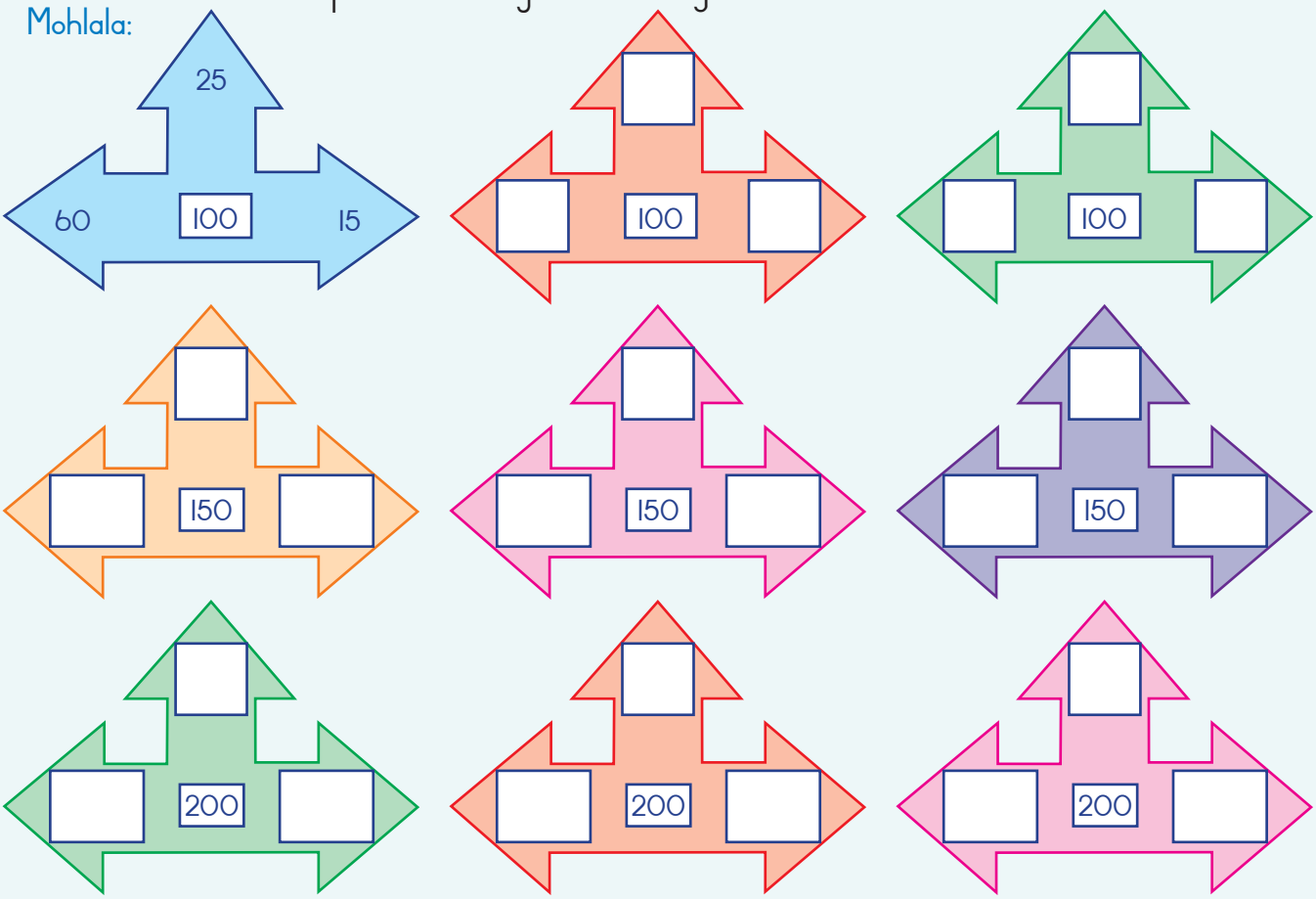


## Malapa a ba bararo

Hwetša dinomoro tše 3 tšeo di tlaleletšago palo ya tebanyo.

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

Mohlala:






## Ka godimo ga 50 le ka fase ga 50

Ngwala dikarabo mothalading wa bo 2.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| +50 | 70 | 125 | 150 | 81 | 96 | 122 | 134 | 111 | 70 |
| | 120 | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| −50 | 186 | 200 | 158 | 179 | 139 | 79 | 126 | 138 | 99 |
| | 136 | | | | | | | | |

Teacher:
Sign:
Date:







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

a. 476 – 324



Mokgwa wa Tumi

= 400 – 300 + 70 – 20 + 6 – 4

= 100 + 50 + 2

= 152



Mokgwa wa Dumi

476 + 324

= 100 + 50 + 2

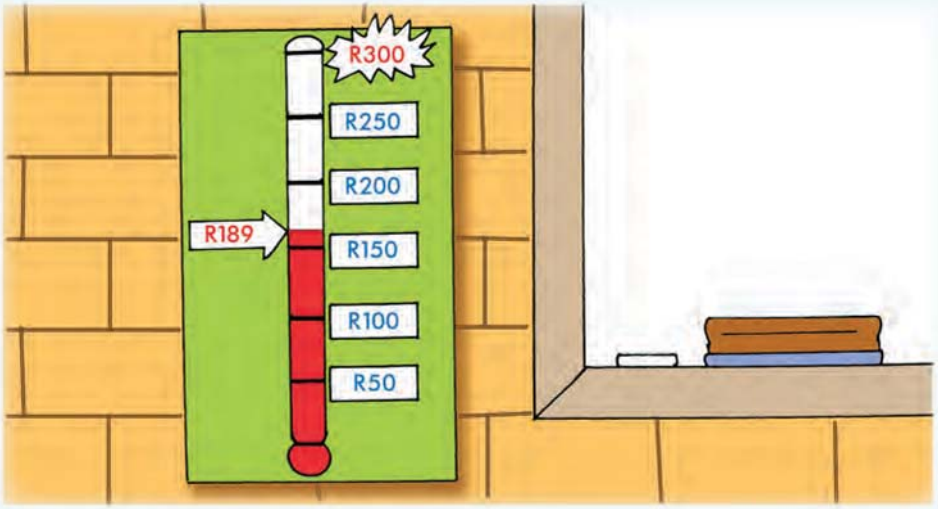
= 152

b. 489 – 456

c. 482 – 161



Go fihlelela selebanywa




Ithute seswantšho.

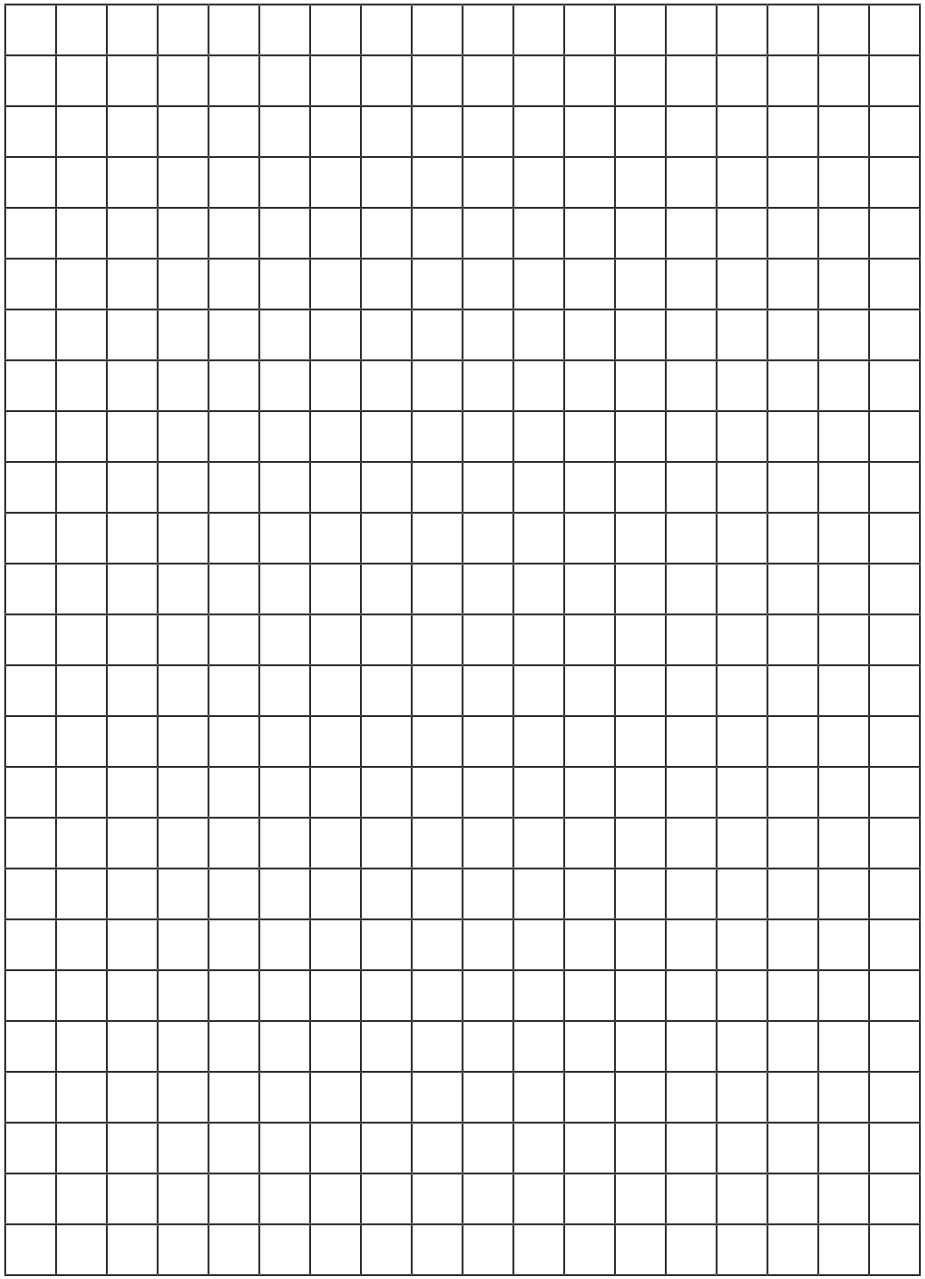
Go sa nyakega bokae gore re fihlelele selebanywa? R

Teacher:
Sign:
Date:

Cut-out 3

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

Cut-out 4



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

Cut-out 5

