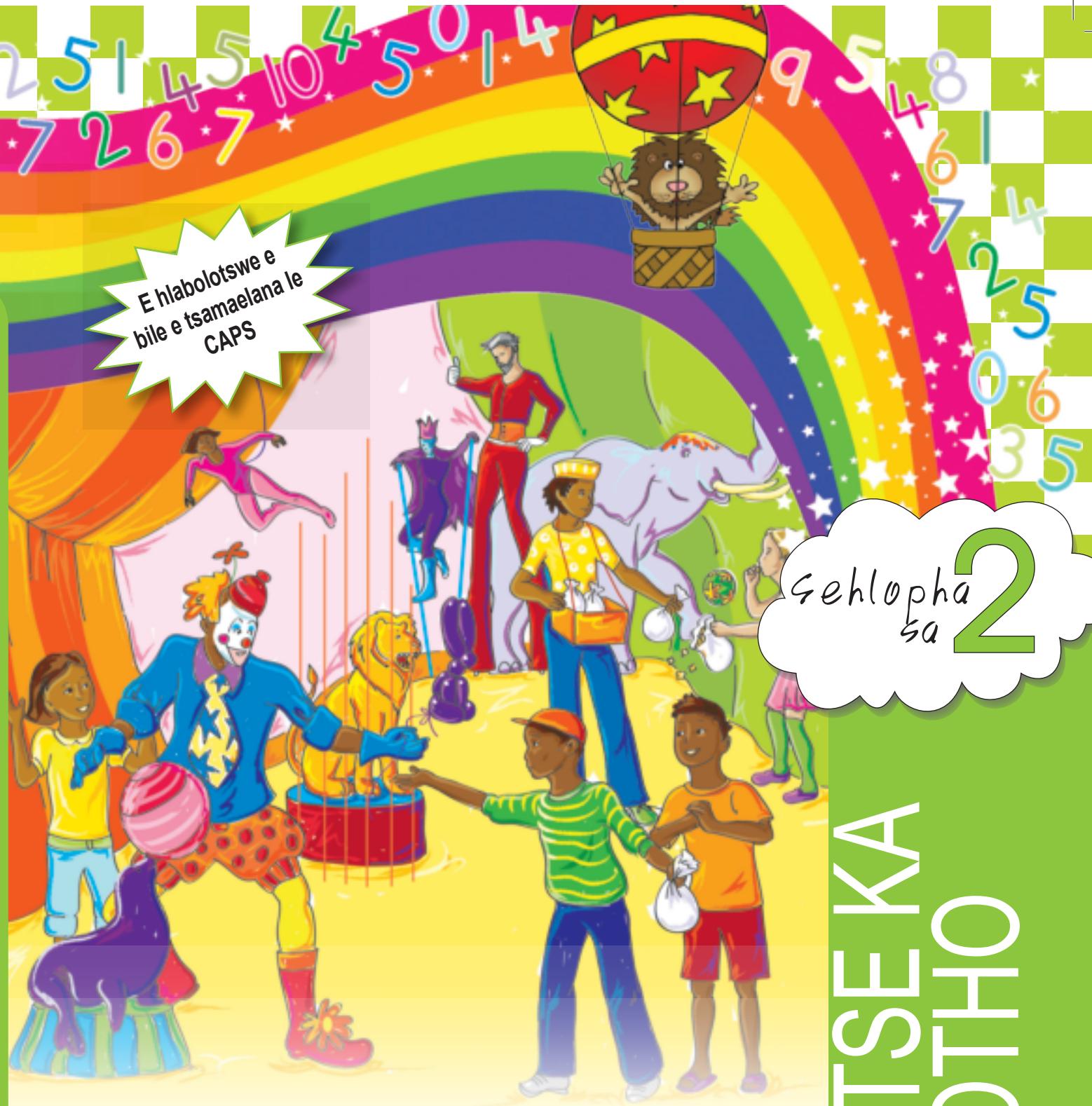


Gehlopha
sa 2

MMETSE KA SESOTHO OHLOSOKA

Buka ya 2
Kotara ya
3 & 4



MMETSE KA SESOTHO – Gehlopha sa 2 Buka ya 2

ISBN 978-1-4315-0142-7



basic education
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

Lebitso:

Phaposi:

1 2 3 4

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

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

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

**Ela hloko ka nako e
fetileng ya rona.**

**Ha re se pheteng
diphoso tsa nako e
fetileng.**

**Molaotheo wa rona o
re thusa ho akanya le
ho aha bokamoso bo
molemo ho bohole.**

Rona, baahi ba Afrika Borwa,

Re ellewa tshwarompe ya nako e fetileng;

Re Tlotla ba hlokofaditsweng bakeng sa toka le tokoloh lefatsheng la bo rona;

Re Hlompha ba sebeditseng ho aha le ho tswellisa pele na ha ya rona; mme

Re a Dumela hore Afrika Borwa key a bohole ba phelang ho yona,
re kopane ho fapaneng ha rona.

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

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

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

Ho ntlatfatsa boleng ba bophelo ba baahi bohole le ho neha bokgoni ba moahi a
mong monyetla; le

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

**Batla ditokelo tsa hao o le
moAfrika Borwa mme o be le
boikarabelo ba ho tshireletsa
ditokelo tsa ba bang.**

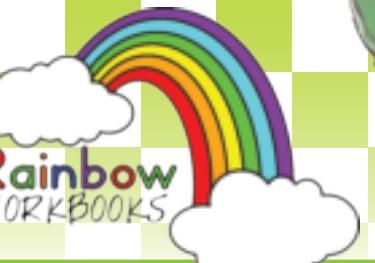
Eka Modimo O ka tshireletsa batho ba rona.

Nkosi Sikelel' iAfrika. Morena boloka setjhaba sa heso.

God seen Suid-Afrika. God bless South Africa.

Mudzimu fhaturshedza Afurika. Hosi katekisa Afrika.

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MATHEMATICS IN SESOTHO

GRADE 2 – BOOK 2
TERMS 3 & 4

ISBN 978-1-4315-0142-7

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7th Edition

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Mofumahadi Angie
Motsekga, letona la
Lafapha la Thuto ya
Motheo.



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

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

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

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

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

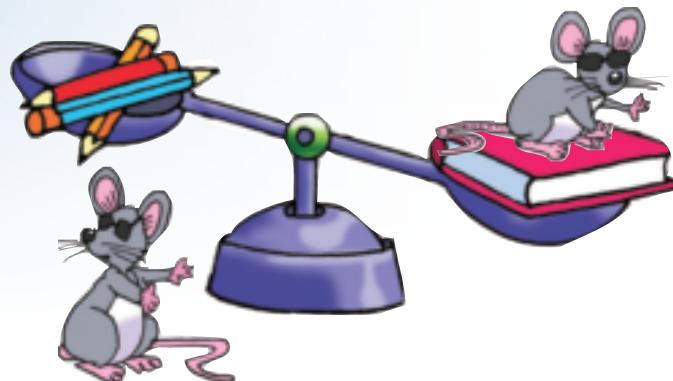
Re le lakalletsa katleho ho sebediseng dibuka tsena tsa tshebetso.



Kereiti 2 ya



Buka ena ke ya:



SESOTHO

Buka ya

2

65

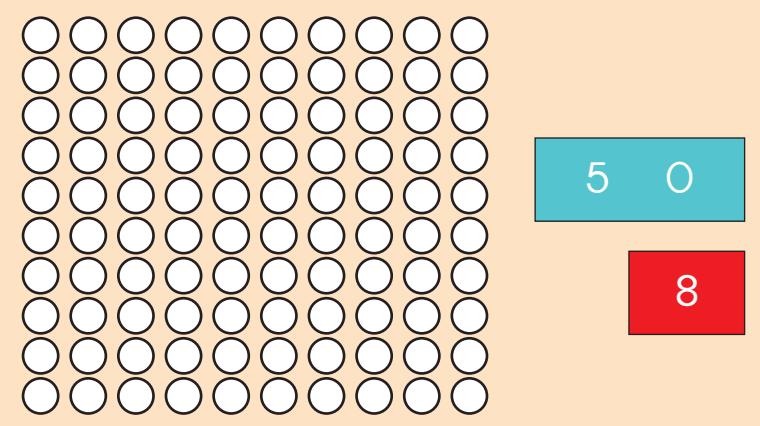


Dipalo 50 – qq

Kotara 3

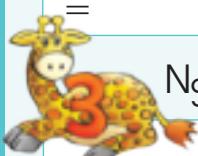


Tlotsa didikadikwe tse 58 ka mmala.



Ngola karabo. Mohlala wa pele o tla o tataisa.

| | | | | |
|-------------------|---|------------|---|------------|
| $60 + 8 = 68$ | = | $80 - 6 =$ | = | $50 - 3 =$ |
| $70 - 1 =$ | = | $90 - 5 =$ | = | $60 - q =$ |



Ngola dikarabo tsa tse ka hodimo ka mantswe:

mashome a tsheletseng a metso e robedi

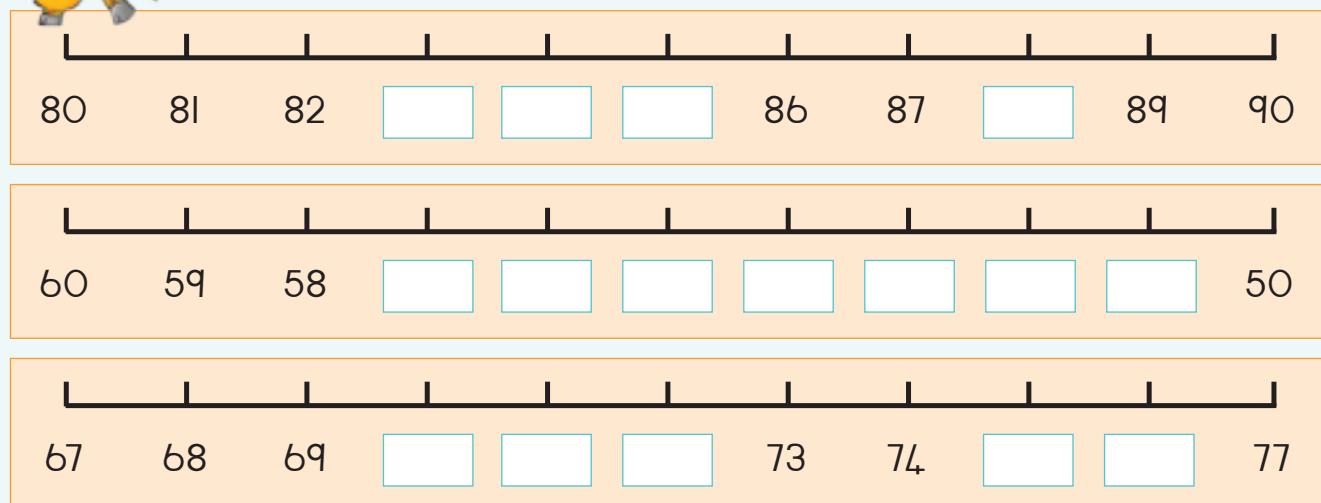


Ngola dipalo tse pedi tse nnnyane le tse
pedi tse kgolwanyana ho palo eo ho fanweng ka yona.

| E nnnyane | Palo | Kgolwanyana |
|-----------|------|-------------|
| | 55 | |
| | 63 | |
| | 88 | |
| | 95 | |
| | 71 | |



Qetela melapalo ena.



Seha dipalo tse tharo tse dipakeng tsa 50 le 99 ho tswa ho makasine kapa koranta.
Di kgomaretse mona.



| |
|----------|
| Teacher: |
| Sign: |
| Date: |

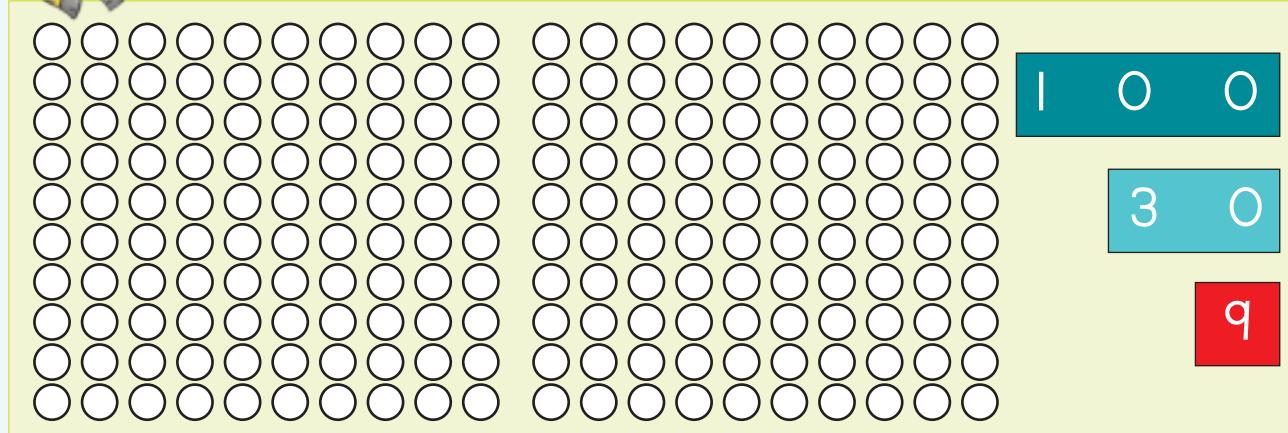
66



Dipalo 100 – 150

Kotara 3

Tlotsa didikadikwe tse 139 ka mmala.



Ngola palo ya:

$$\begin{array}{r} 100 \\ + 20 \\ + 8 \\ \hline 128 \end{array}$$

$$100 + 20 + 8 = 128$$

$$\begin{array}{r} 100 \\ + 40 \\ + 9 \\ \hline 149 \end{array}$$

$$\begin{array}{r} 100 \\ + 40 \\ + 2 \\ \hline 142 \end{array}$$

$$\begin{array}{r} 100 \\ + 50 \\ \hline 150 \end{array}$$

$$\begin{array}{r} 100 \\ + 20 \\ + 7 \\ \hline 127 \end{array}$$

$$\begin{array}{r} 100 \\ + 30 \\ + 5 \\ \hline 135 \end{array}$$



Ke palo efe e dipakeng tsa?

103 le 105?

139 le 141?

120 le 122?

150 le 148?

146 le 148?

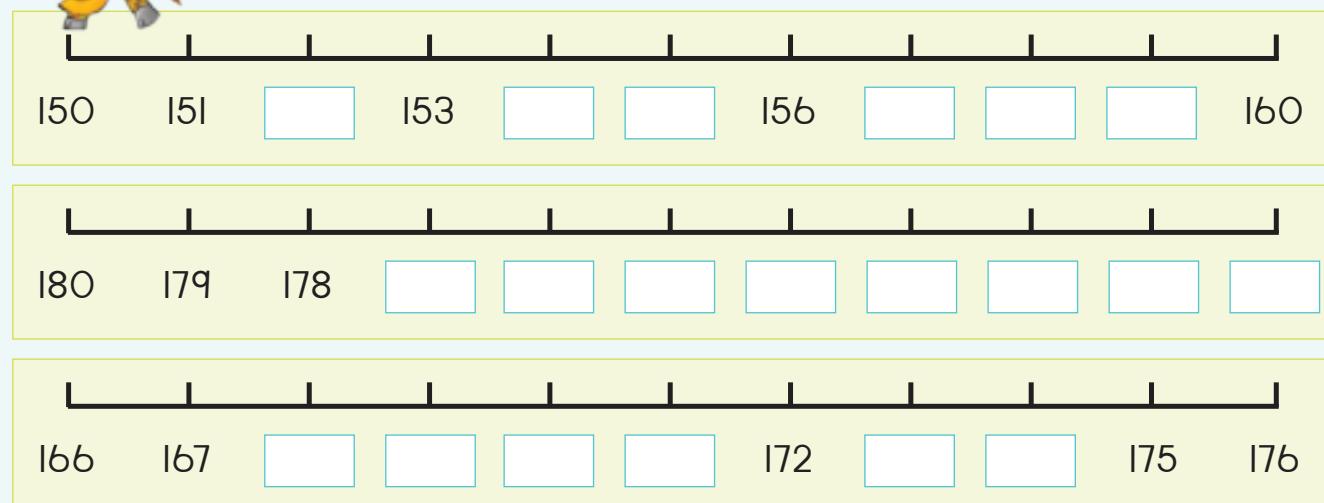


Ngola dipalo tse pedi tse nnyane le tse pedi tse kgolwanyana
ho palo eo ho fanweng ka yona.

| E nnyane | Palo | E kgolwanyana |
|----------|------|---------------|
| | I23 | |
| | I45 | |
| | I08 | |
| | I41 | |
| | I34 | |



Qetela melapalo ena.



Seha dipalo tse tharo pakeng tsa I00 le I50 ho makasine kapa koranta.

Ha o sa e fumane letho, seha didijiti ho etsa dinomoro tse tharo.

Dikgomaretse mona ka lenaneo ho tloha ho e nnyane ho ya ho e kgolo.



Teacher: _____
Sign: _____
Date: _____

67



Tletse, halofo, le feela

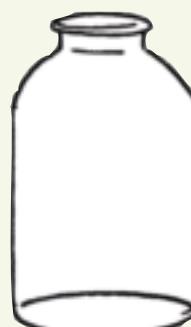
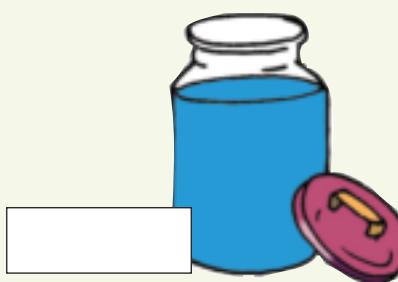
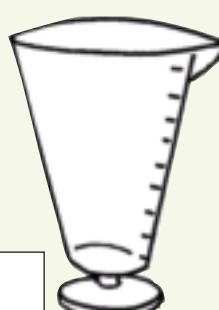
Buisanang ka dibotlolo tse tafoleng ya titjhore.

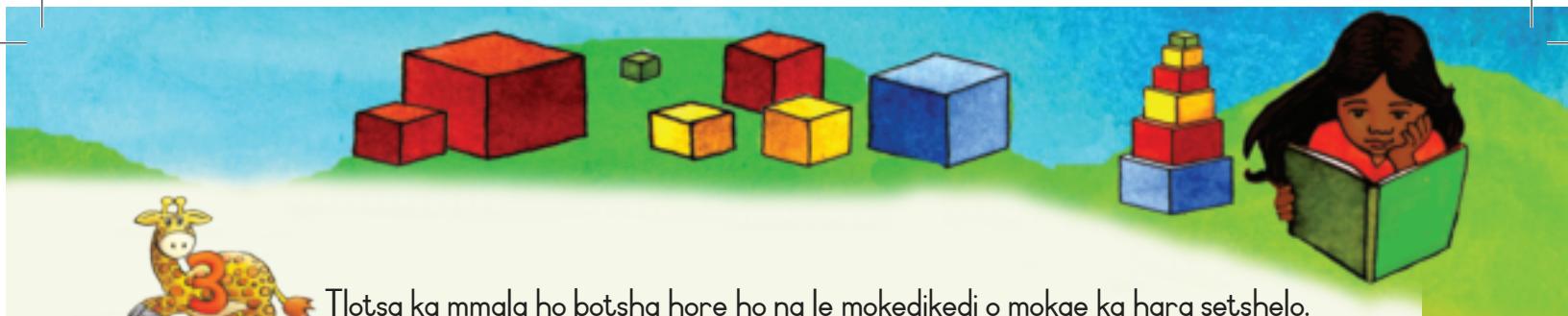
Letsatsi:

Kotara 3



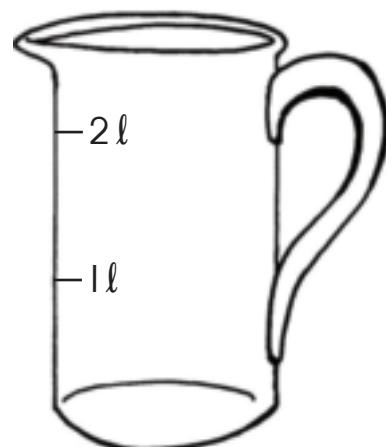
Bolela haeba setshelo se tletse, se halofo kapa ha se lefeela.



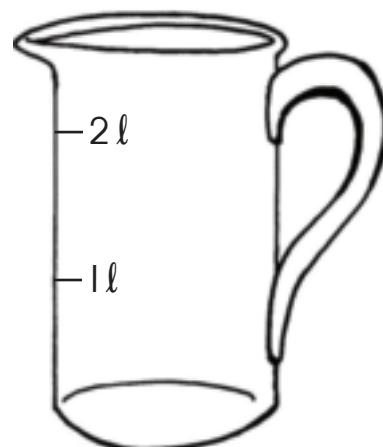


Tlotsa ka mmala ho botsha hore ho na le mokedikedi o mokae ka hara setshelo.

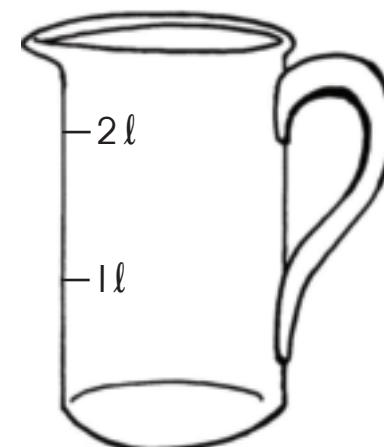
Se tletse



Se halofo



Se lefeela



Ikisetse ditshwantsho tsa ditshelo tsa hao. Setshelo se seng le se seng se tshetse dilitha tse 4. Jwale di tlotsa ka mmala ho bontsha hore setshela se:

Tletse

Halofo

Lefela



Ke setshelo sefe se tshwarang bongata?



| |
|-------------------|
| Teacher: Sign: |
| Date: |

11

12

13

14

15

16

17

18

19

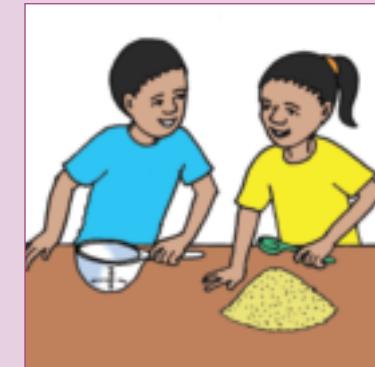
20



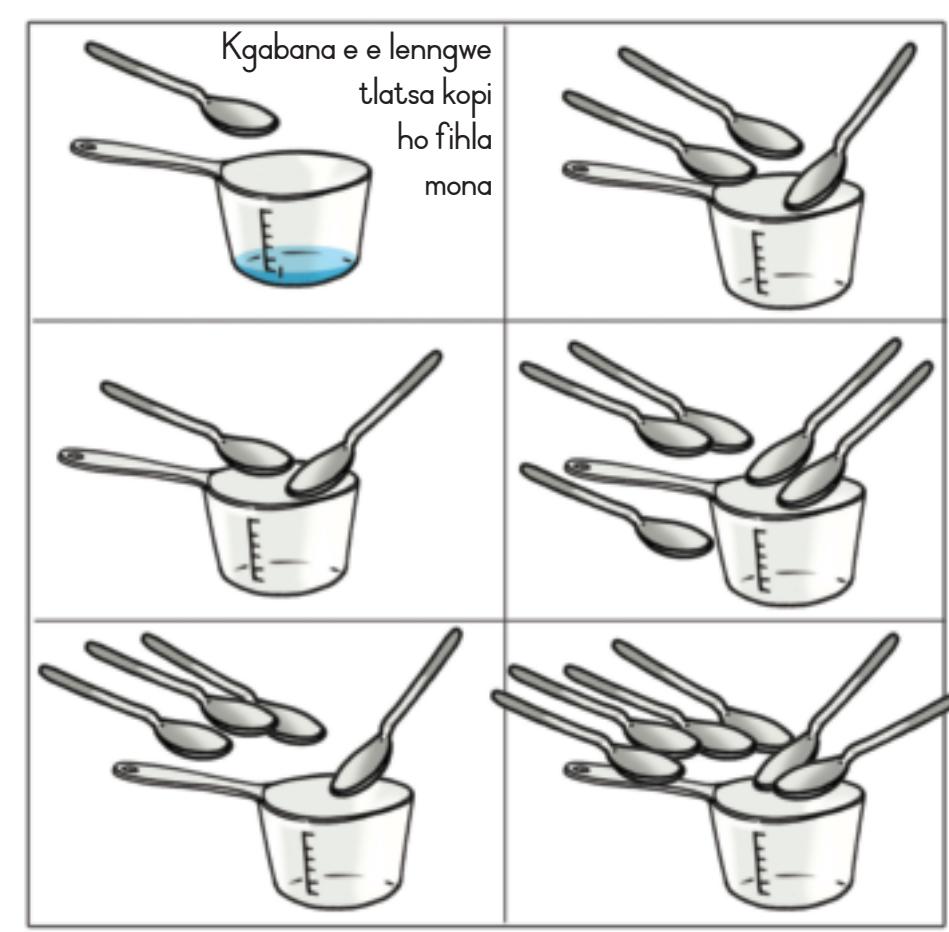
Sheba ditshwantsho. Bana ba etsang?

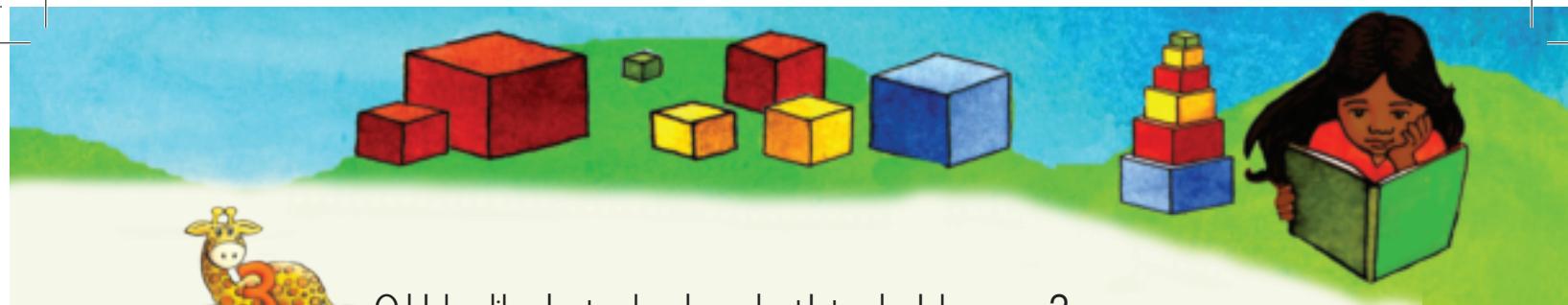
Bongata bo tswela pele

Letsatsi:

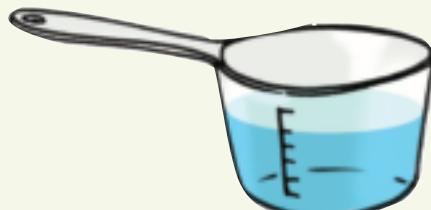


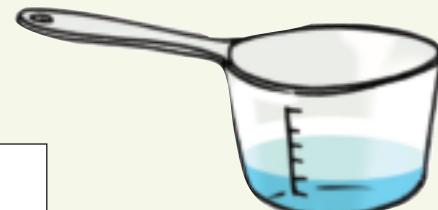
Dikgaba di tla tlatsa kopi ho lekanya ho fihla kae? Tlotsa ka mmala.



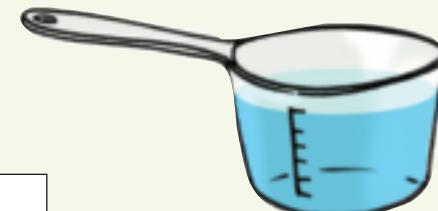


O hloka dikgaba tse kae hape ho tlatsa ho lekanyang?

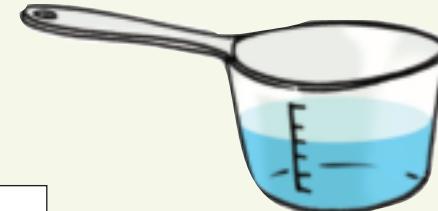












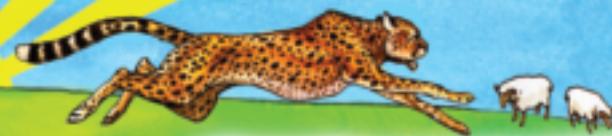


Gogo o sebedisa dikopi tse 2 tsa lebese ho etsa phuting. Haeba a pheta
risepe habedi, o tla hloka lebese le lekae?



Teacher: _____
Sign: _____
Date: _____

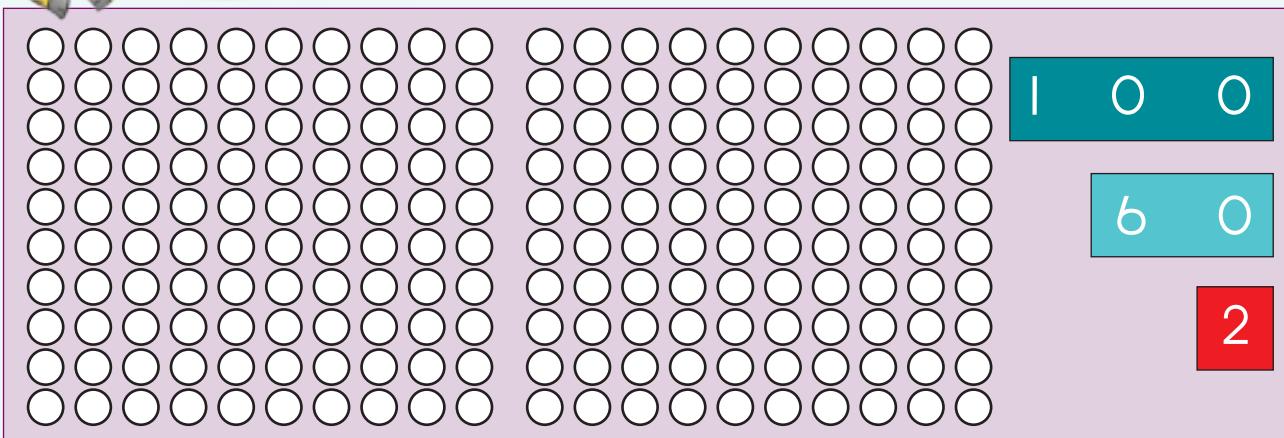
69



Dipalo 150–170

Tlotsa didikadikwe tse 162 ka mmala.

Kotara 3



Ngola palo ya:

| | | |
|----------------------|-----|-----|
| $100 + 50 + 2 = 152$ | $=$ | $=$ |
| $100 + 60 + q =$ | $=$ | $=$ |
| $100 + 50 + 4 =$ | $=$ | $=$ |



Ke dipalo dife tse hlahang dipakeng tsa:

10

1 2 3 4 5 6 7 8 9 10

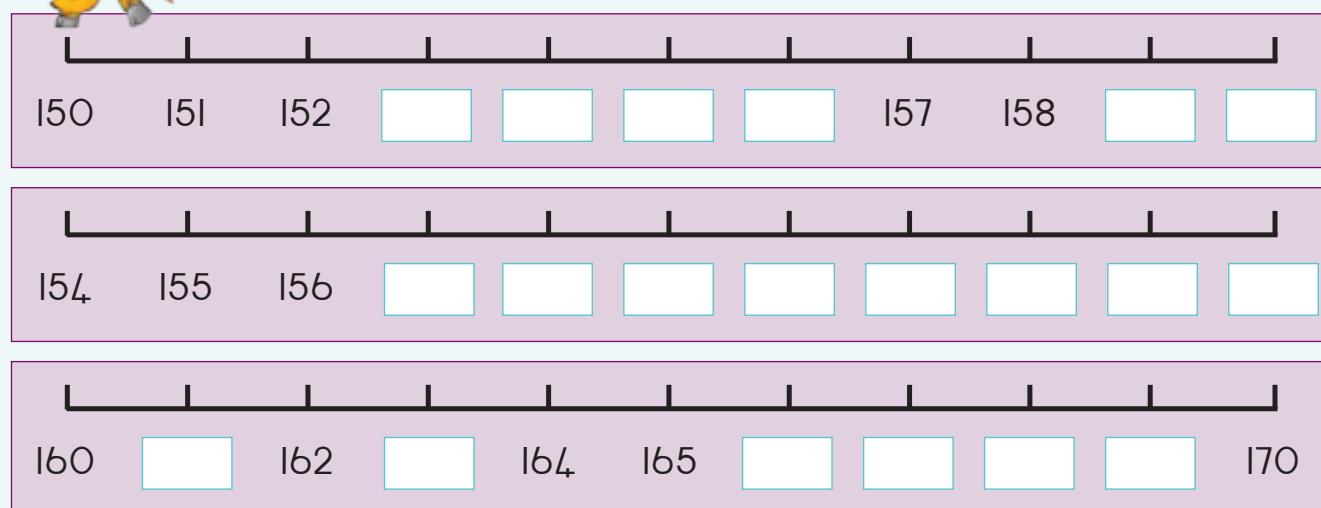


Fana ka dipalo tse pedi tse nnyane le tse pedi tse kgolwanyana
ho palo eo ho fanweng ka yona.

| E nnyane | Palo | E kgolwanyana |
|----------|------|---------------|
| | I55 | |
| | I68 | |
| | I51 | |
| | I62 | |
| | I60 | |



Qetela melapalo ena.



Seha dipalo tse tharo pakeng tsa I50 le I70 makasineng kapa koranteng.
Dikgomaretse mona ka lenaneo ho tloha ho e kgolo ho ya ho e nnyane.



Teacher: _____
Sign: _____
Date: _____

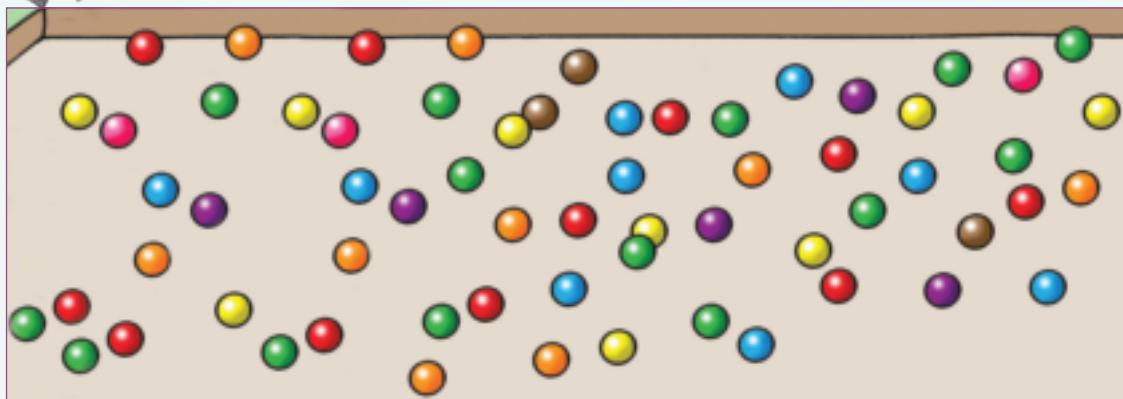
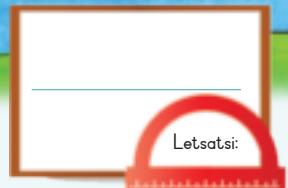
70

Ho bala le ho lekanya (0 – 100)

Kotara 3



Lekanya mme o bale difaha.

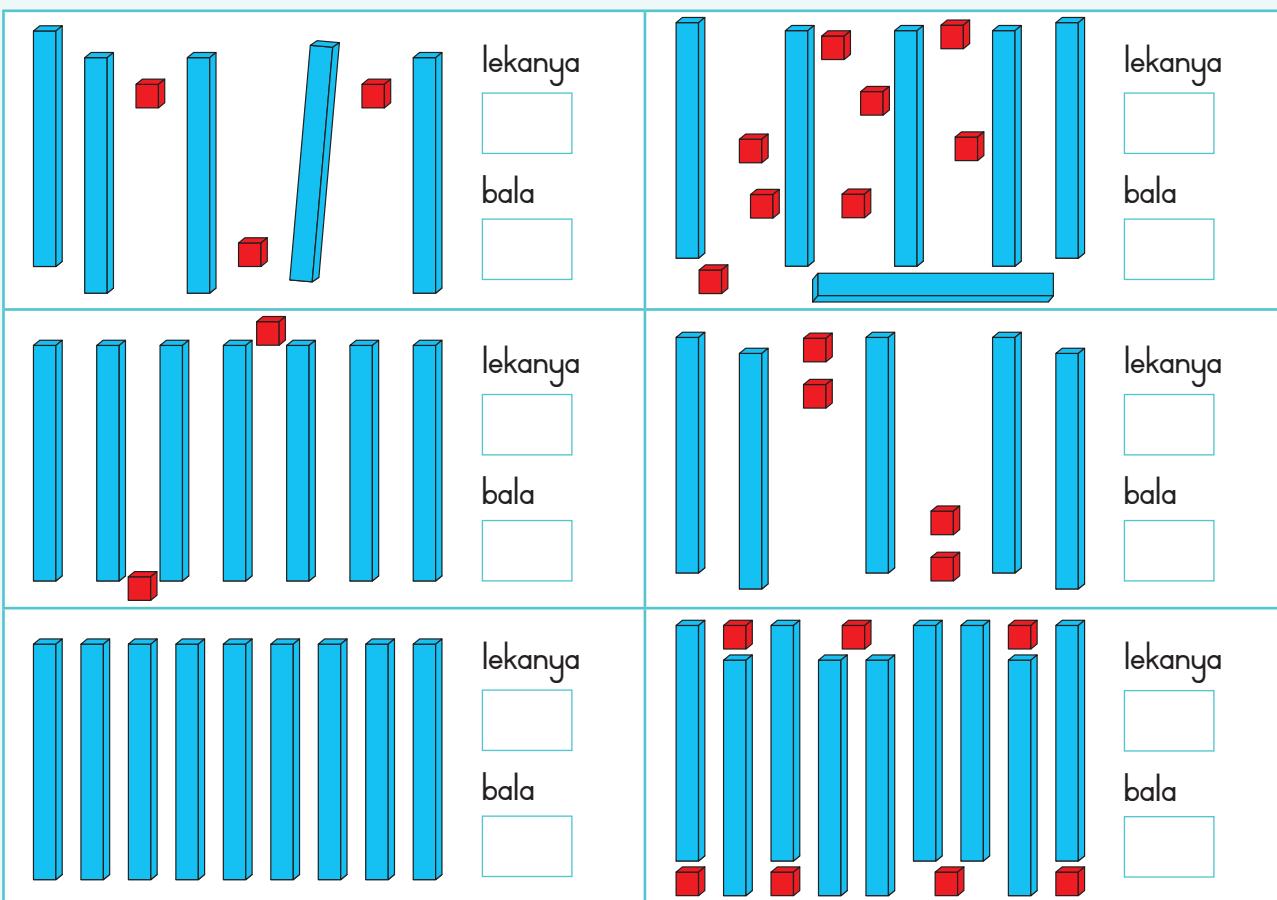
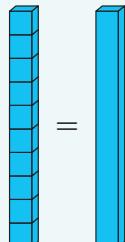


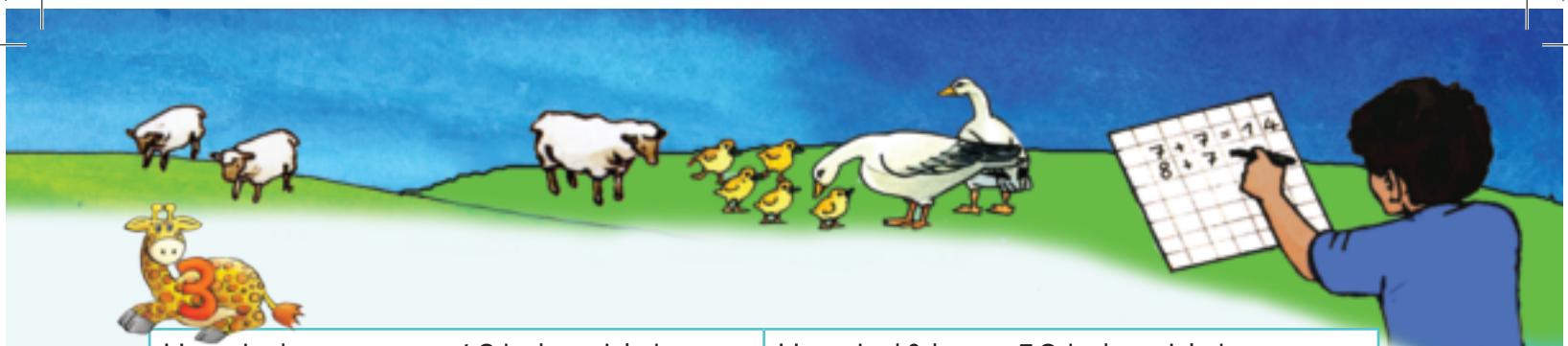
lekanya

bala



Ho na le diboloko tse 10 ka hara setshelo.
Lekanya mme o bale.

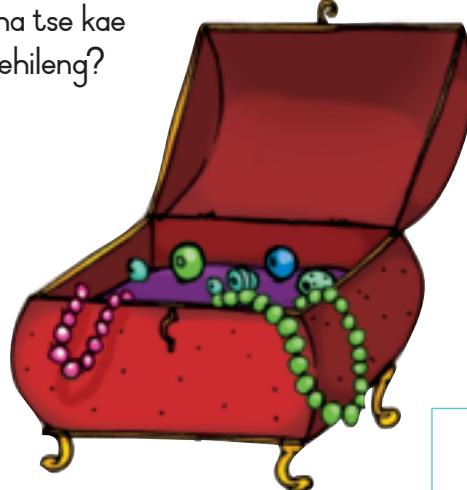




Ho na le dipompong tse 42 ka hara lebokose.
Ke dipompong tse kae tse patehileng?



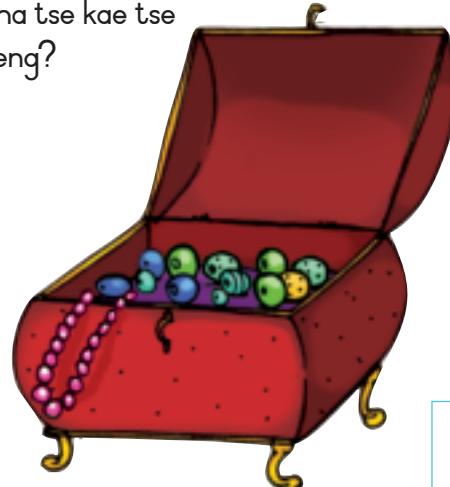
Ho na le difaha tse 50 ka hara lebokose.
Ke difaha tse kae tse patehileng?



Ho na le dipompong tse 78 ka hara lebokose.
Ke dipompong tse kae tse patehileng?

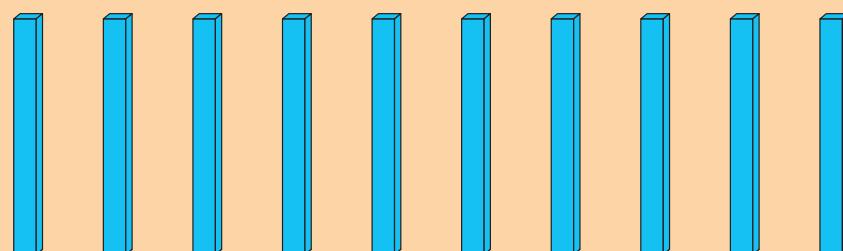


Ho na le difaha tse 100 ka hara lebokose.
Ke difaha tse kae tse patehileng?



O ka etsa sena ka potlako e kae?

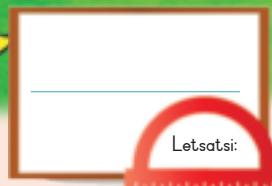
Setshelo se le seng se na le diboloko tse 10. Ke diboloko tse kae mona?





Teacher:
Sign:
Date:

71

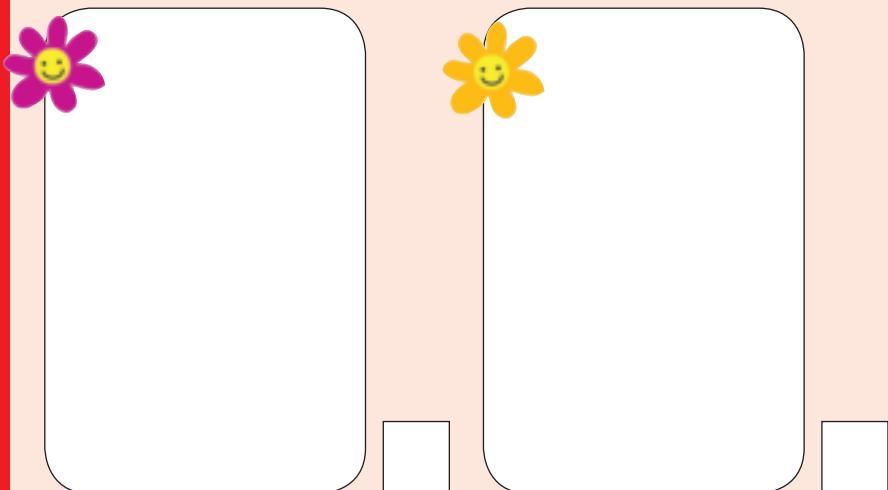
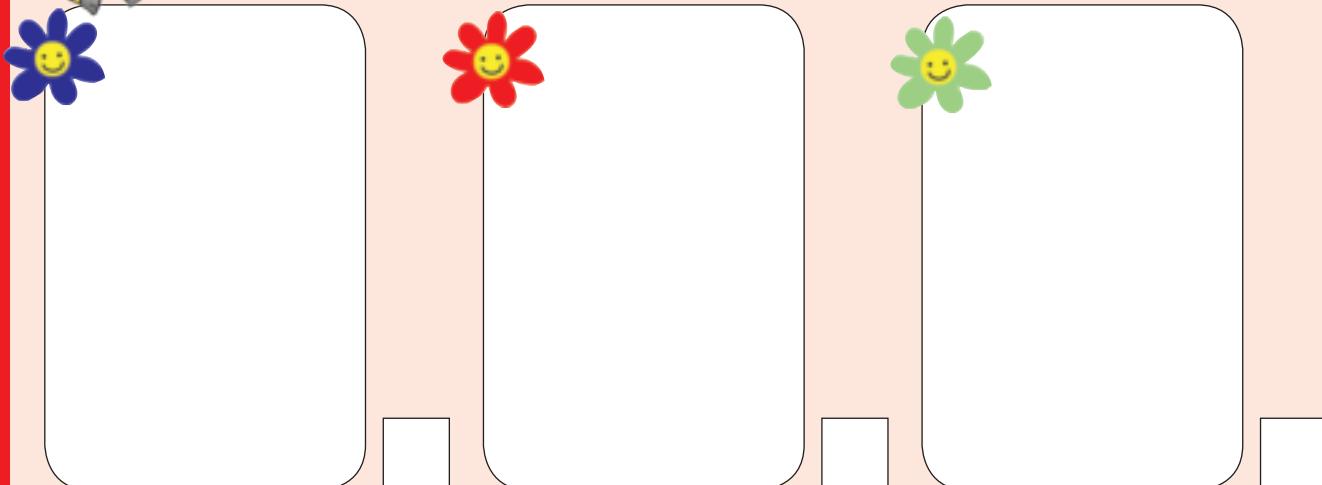


Haholo ka diphumano

Kotara 3



Hlophisa dipalesa. Etsa setshwantsho. Ngola palo yohle ka lebokoseng.

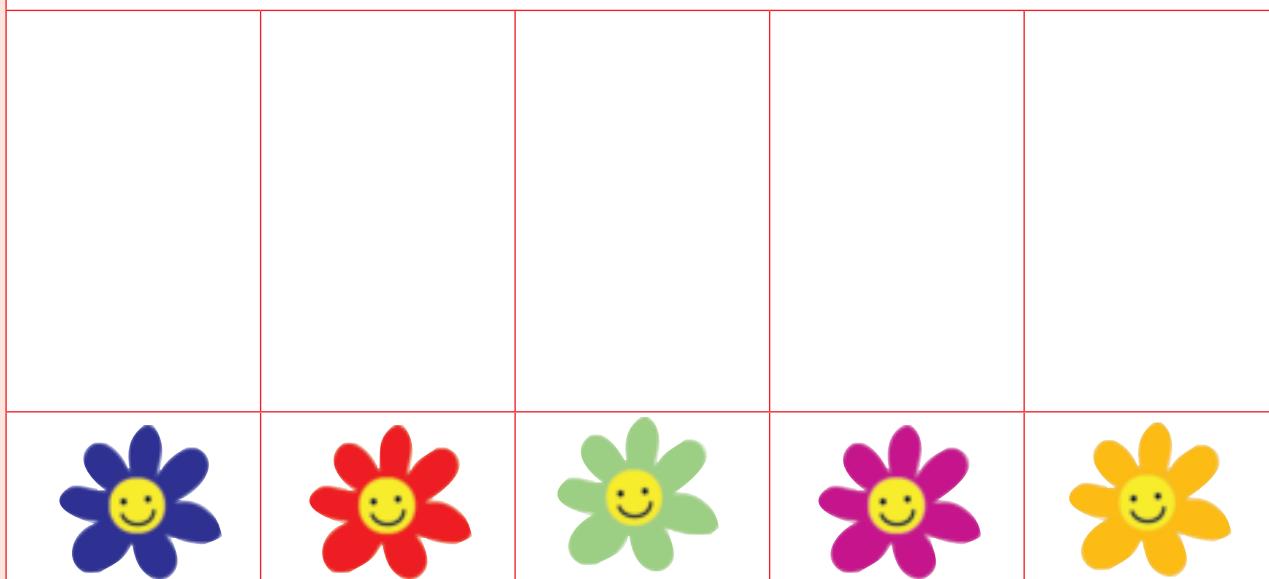




Etsa setshwantsho sa dipalesa tse hlophisisweng.

Sehlooho sa hao e tla ba se fe?

SENOTLOLO:



Araba dipotso tse latelang:

Ho na le dipalesa tse kae tse phephole?

Ho na le dipalesa tse kae tse kgubedu?

Ho na le dipalesa tse kae tse perese tse kae mona?

Ho na le dipalesa tse kae tse pinki?

Ho na le dipalesa tse kae tse tshehla?

Ke mmala ofe wa dipalesa o ratwang haholo?

Ke mmala ofe wa dipalesa o sa ratweng haholo?

Ke mmala wa palesa efe oo o o ratang haholo?



Teacher:

Sign:

Date:

11

12

13

14

15

16

17

18

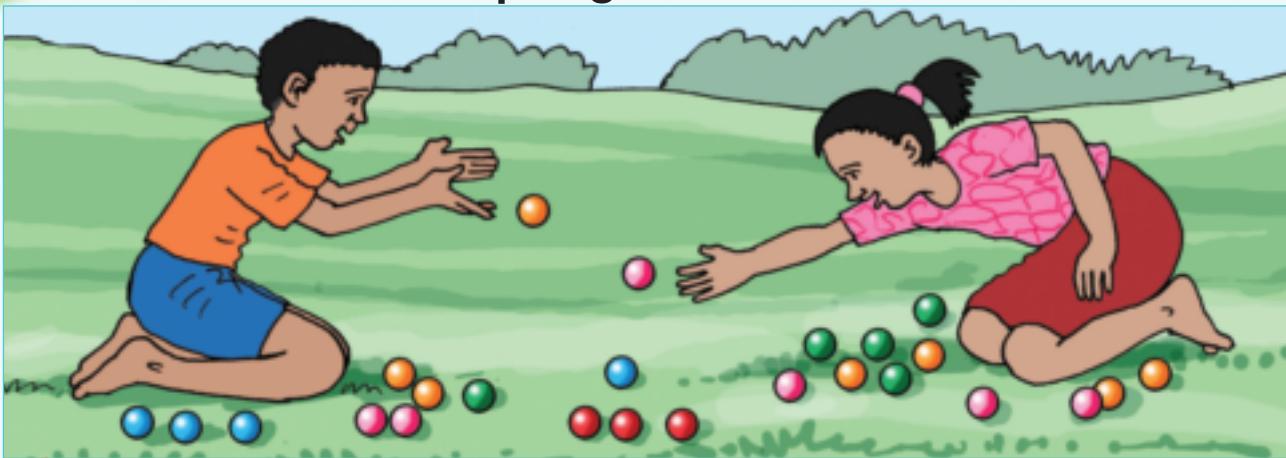
19

20



Kopanyo 0 – 50

Kotara 3



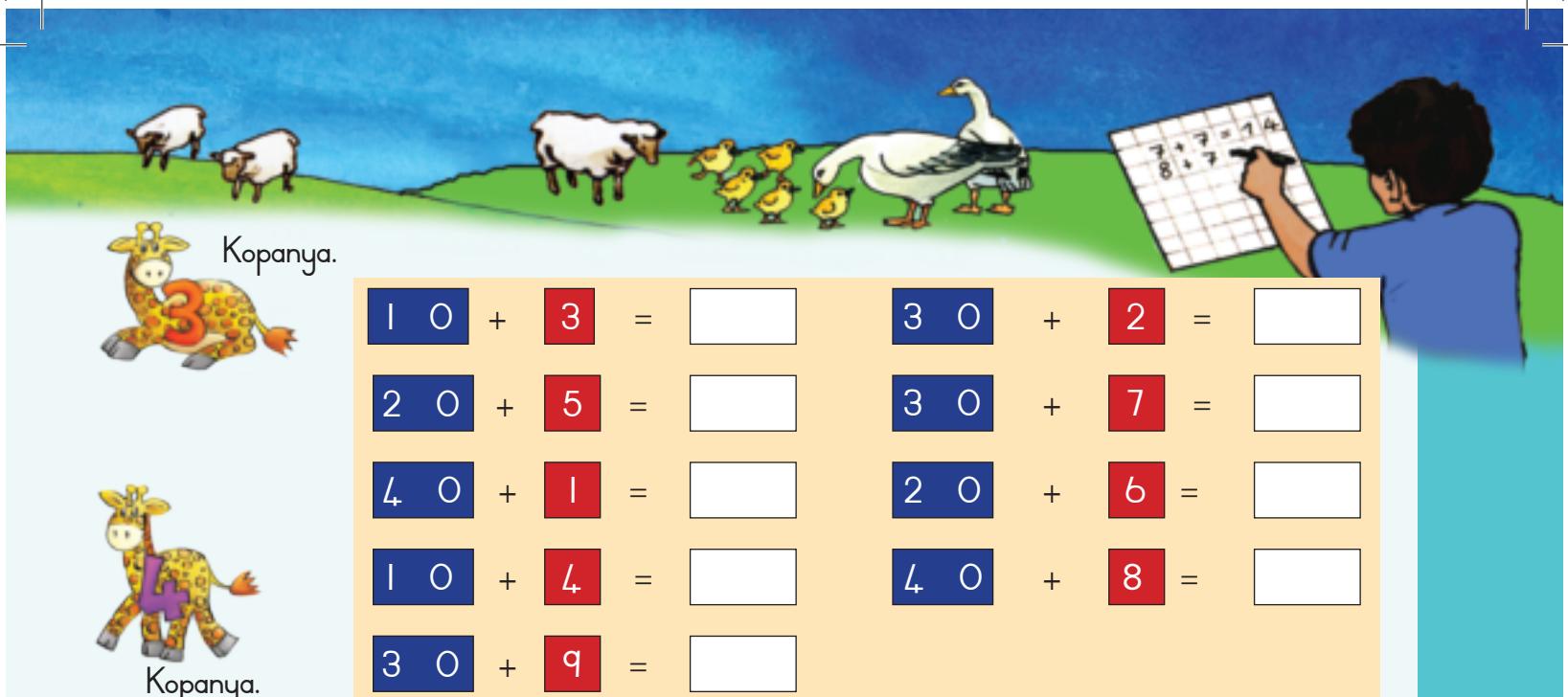
Sheba setshwantsho mme o kopanye dimabole.

| | | | | | | | |
|----------------|---|-----------------------|----------------------|---|----------------------|---|----------------------|
| kgubedu | + | bolou | <input type="text"/> | + | <input type="text"/> | = | <input type="text"/> |
| tala | + | bolou | <input type="text"/> | + | <input type="text"/> | = | <input type="text"/> |
| tshehla | + | bolou | <input type="text"/> | + | <input type="text"/> | = | <input type="text"/> |
| tala | + | mmala o lamunu | <input type="text"/> | + | <input type="text"/> | = | <input type="text"/> |
| kgubedu | + | tala | <input type="text"/> | + | <input type="text"/> | = | <input type="text"/> |



Nyalanya dikarete le dipalo tse nepahetseng. Taka mola ho tloha ho palo ho leba kareteng e nepahetseng.

| | | | |
|-----------------|-----------------|-----------------|-----------------|
| 2 1 0 | 5 2 0 | 3 3 0 | 7 4 0 |
| $7 + 40 = 47$ | $10 + 2 = 12$ | $20 + 5 = 25$ | $3 + 30 = 33$ |



| | | | | |
|--------|-----|-----|-----|----------------------|
| $1\ 0$ | $+$ | 3 | $=$ | <input type="text"/> |
| $3\ 0$ | $+$ | 2 | $=$ | <input type="text"/> |
| $2\ 0$ | $+$ | 5 | $=$ | <input type="text"/> |
| $3\ 0$ | $+$ | 7 | $=$ | <input type="text"/> |
| $4\ 0$ | $+$ | 1 | $=$ | <input type="text"/> |
| $2\ 0$ | $+$ | 6 | $=$ | <input type="text"/> |
| $1\ 0$ | $+$ | 4 | $=$ | <input type="text"/> |
| $4\ 0$ | $+$ | 8 | $=$ | <input type="text"/> |
| $3\ 0$ | $+$ | 9 | $=$ | <input type="text"/> |



$16 + 13$

| | | |
|--------|--------|--------|
| 6 | 3 | q |
| $1\ 0$ | $1\ 0$ | $2\ 0$ |

$$1\ 6 + 1\ 3 = 2\ q$$

$24 + 12$

| | | |
|--------|--------|----------------------|
| 4 | 2 | <input type="text"/> |
| $2\ 0$ | $1\ 0$ | <input type="text"/> |

$$\quad \quad \quad + \quad \quad \quad = \quad \quad \quad$$

$37 + 11$

| | | |
|--------|--------|----------------------|
| 7 | 1 | <input type="text"/> |
| $3\ 0$ | $1\ 0$ | <input type="text"/> |

$$\quad \quad \quad + \quad \quad \quad = \quad \quad \quad$$

$25 + 23$

| | | |
|--------|--------|----------------------|
| 5 | 3 | <input type="text"/> |
| $2\ 0$ | $2\ 0$ | <input type="text"/> |

$$\quad \quad \quad + \quad \quad \quad = \quad \quad \quad$$

$36 + 12$

| | | |
|--------|--------|----------------------|
| 6 | 2 | <input type="text"/> |
| $3\ 0$ | $1\ 0$ | <input type="text"/> |

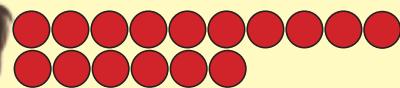
$$\quad \quad \quad + \quad \quad \quad = \quad \quad \quad$$

$28 + 21$

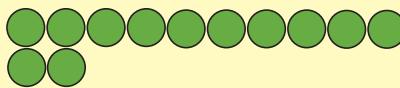
| | | |
|--------|--------|----------------------|
| 8 | 1 | <input type="text"/> |
| $2\ 0$ | $2\ 0$ | <input type="text"/> |

$$\quad \quad \quad + \quad \quad \quad = \quad \quad \quad$$

Lisa o na le dibadi tse 16 ha Aakar a na le tse 12.



Yohle ke bokae?



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

73



Ho kopanya 0 – 75

Kotara 3

Palo yohle ya boloko ka nngwe ke bokae?

| | | | | | | | |
|----------|-----------|----------|-----------|----------|-----------|----------|-----------|
| 1 | 10 | 6 | 20 | 3 | 20 | 4 | 40 |
| 5 | 10 | 2 | 10 | 5 | 30 | 4 | 30 |
| | | | | | | | |



Kopanya.

$12 + 11$

| | | | | | | | |
|----------------------|----------------------|-----|----------------------|----------------------|----------------------|-----|----------------------|
| <input type="text"/> | <input type="text"/> | $+$ | <input type="text"/> | <input type="text"/> | | | |
| $=$ | <input type="text"/> | $+$ | <input type="text"/> | $+$ | <input type="text"/> | $+$ | <input type="text"/> |
| $=$ | <input type="text"/> | $+$ | <input type="text"/> | | | | |
| $=$ | <input type="text"/> | | | | | | |

$23 + 41$

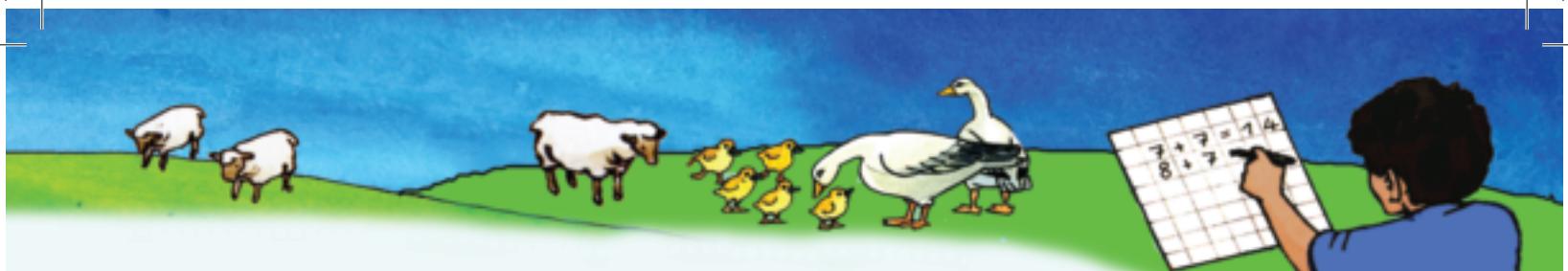
| | | | | | | | |
|----------------------|----------------------|-----|----------------------|----------------------|----------------------|-----|----------------------|
| <input type="text"/> | <input type="text"/> | $+$ | <input type="text"/> | <input type="text"/> | | | |
| $=$ | <input type="text"/> | $+$ | <input type="text"/> | $+$ | <input type="text"/> | $+$ | <input type="text"/> |
| $=$ | <input type="text"/> | $+$ | <input type="text"/> | | | | |
| $=$ | <input type="text"/> | | | | | | |



Qetella.

| | | | | | | | | | | | | | | | | |
|------|-----|------|-----|----------|----------|-----|----------|----------|-----|----------|-----|----------------------|-----|----------------------|-----|----------------------|
| 28 | $+$ | 11 | $=$ | 2 | 8 | $+$ | 1 | 0 | $+$ | 1 | $=$ | 38 | $+$ | 1 | $=$ | 39 |
| 34 | $+$ | 12 | $=$ | 3 | 4 | $+$ | 1 | 0 | $+$ | 2 | $=$ | <input type="text"/> | $+$ | <input type="text"/> | $=$ | <input type="text"/> |
| 43 | $+$ | 23 | $=$ | 4 | 3 | $+$ | 2 | 0 | $+$ | 3 | $=$ | <input type="text"/> | $+$ | <input type="text"/> | $=$ | <input type="text"/> |
| 45 | $+$ | 23 | $=$ | 4 | 5 | $+$ | 2 | 0 | $+$ | 3 | $=$ | <input type="text"/> | $+$ | <input type="text"/> | $=$ | <input type="text"/> |
| 56 | $+$ | 11 | $=$ | 5 | 6 | $+$ | 1 | 0 | $+$ | 1 | $=$ | <input type="text"/> | $+$ | <input type="text"/> | $=$ | <input type="text"/> |





Kopanya.

$21 + 10 = \boxed{}$

$53 + 10 = \boxed{}$

$46 + 10 = \boxed{}$

$68 + 10 = \boxed{}$

$37 + 10 = \boxed{}$

$42 + 10 = \boxed{}$

$74 + 10 = \boxed{}$

$19 + 10 = \boxed{}$

$55 + 10 = \boxed{}$



Ha o kopanoya 47 le 6 ke?

Taka setshwantsho mme o bontshe karabo ya hao.



Iketsetse ya polelo palo o sebedisa ditshwantsho.



| |
|----------|
| Teacher: |
| Sign: |
| Date: |

11

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16

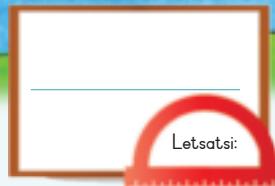
17

18

19

20

74



Kotara 3

Ho Kopanya le ho tlosa: 0 – 75

Nyalanya dikarete. Thala mola ho tlaha ho palo ho ya ho dikarete tse nepahetseng.

q

6 0

5

5 0

4

7 0

7

4 0

$7 + 40 = 47$

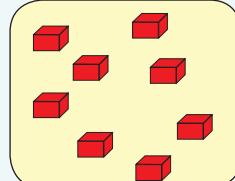
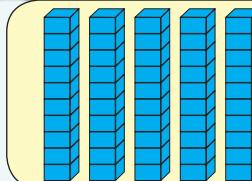
$60 + 9 = 69$

$50 + 5 = 55$

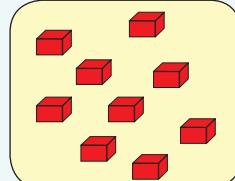
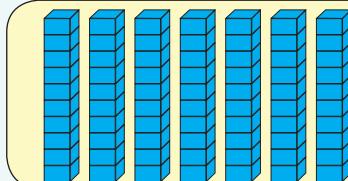
$4 + 70 = 74$



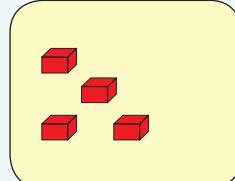
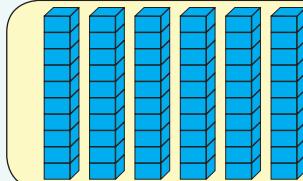
Ngola palo ya tse latelang o nto tlatsa dikarabo.



$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$



$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$



$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$



Kopanya.

$\boxed{6\ 0} + \boxed{4} = \boxed{\quad}$

$\boxed{3\ 0} + \boxed{2} = \boxed{\quad}$

$\boxed{4\ 0} + \boxed{9} = \boxed{\quad}$

$\boxed{5\ 0} + \boxed{4} = \boxed{\quad}$

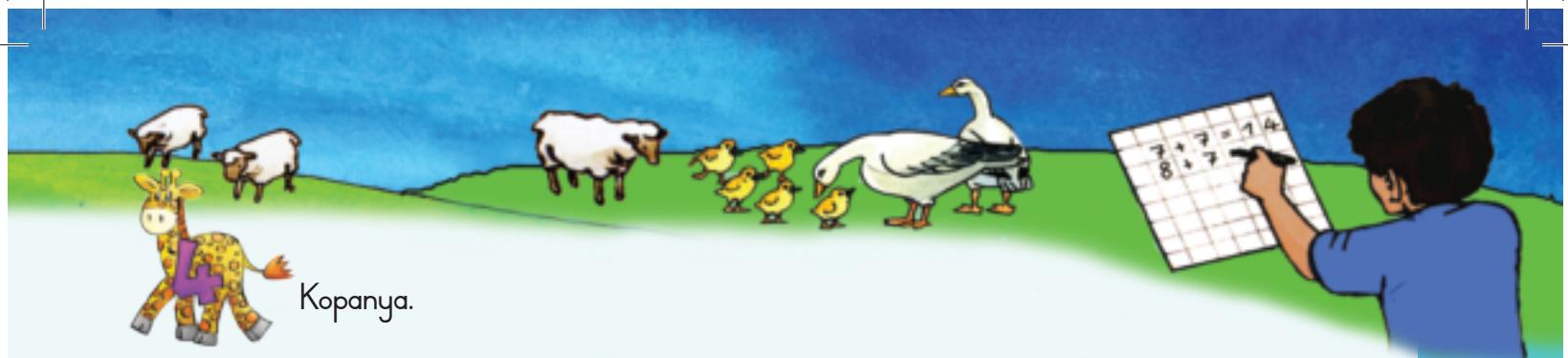
$\boxed{2\ 0} + \boxed{8} = \boxed{\quad}$

$\boxed{1\ 0} + \boxed{7} = \boxed{\quad}$

$\boxed{7\ 0} + \boxed{5} = \boxed{\quad}$

$\boxed{7\ 0} + \boxed{8} = \boxed{\quad}$

$\boxed{5\ 0} + \boxed{6} = \boxed{\quad}$



$56 + 15$

56 + 15 = 71

$34 + 17$

\square + \square = \square

$48 + 13$

\square + \square = \square

$63 - 41$

\square - \square = \square

$75 - 51$

\square - \square = \square

$72 - 49$

\square - \square = \square



Etsa setshwantsho ho bontsha hore Mbali o na le diboloko tse 52 ha Zander a na le tse 36.



Palo yohle ke bokae? _____



Teacher: _____
Sign: _____
Date: _____

75

Dibolo, mabokose le disilintere

Kotara 3



Mantswe ana a ka o thusa:

mabokose

dibolo

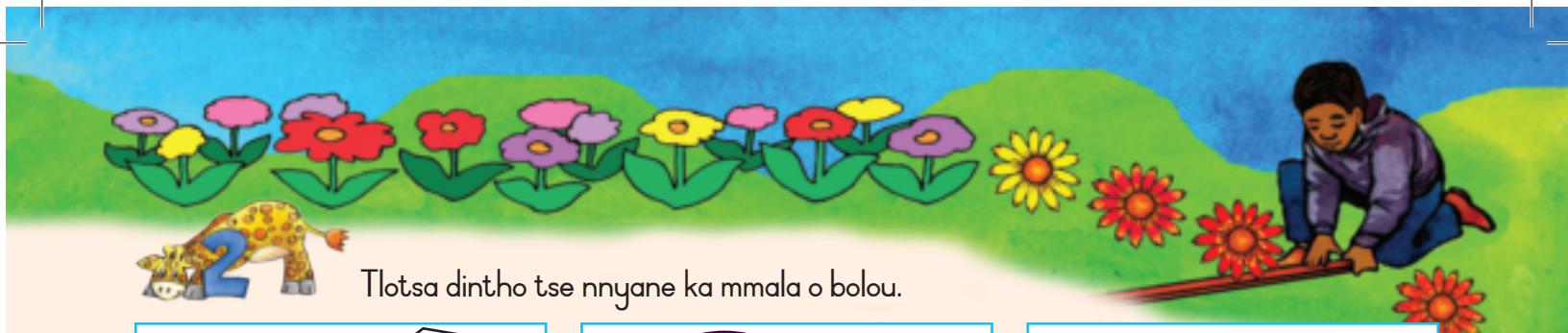
disilintere

Na o sa hopola hore
dibopeho tsena ke dife?

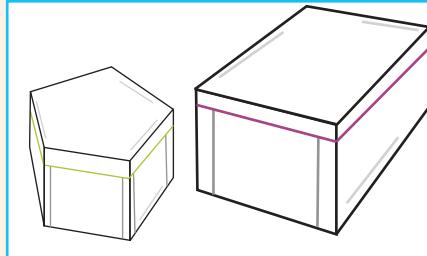


Bontsha dibolo, mabokose le disilintere ka ho ngola lentswe ka tlaša e nngwe le e nngwe.

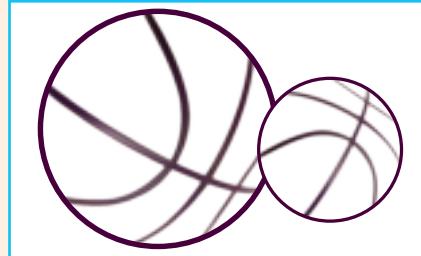




Tlotsa dintho tse nnyane ka mmala o bolou.



mabokose



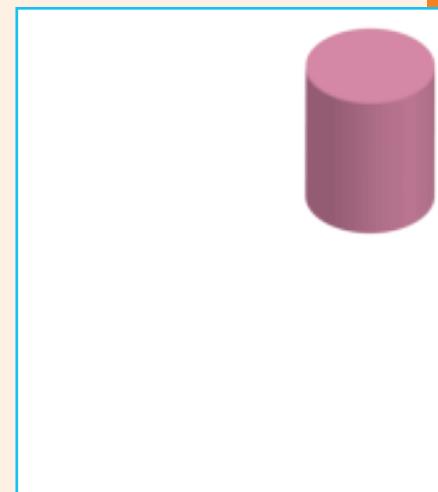
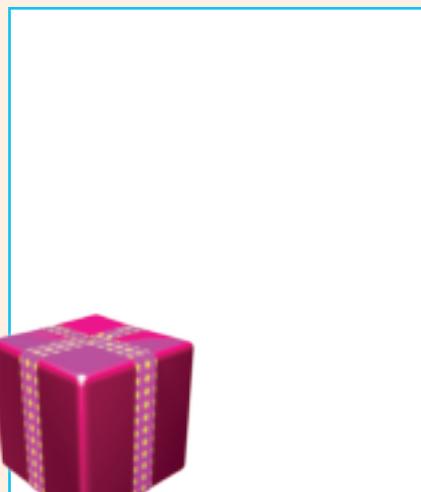
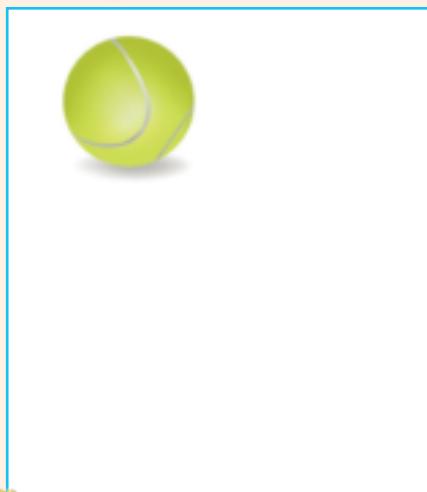
dibolo



disilintere

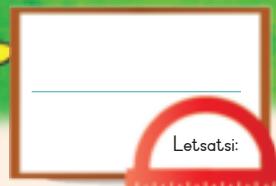


Etsa setshwantsho sa ntho e kgolo.



O batla ho beha mpho ya letsatsi la tswalo la mme wa hao ka hara setshelo sena. O tshwanelo ho hlalosetsa morekisi hore o batla ntho ya mofuta o jwang. O tla mo hlalosetsa jwang?





Ho thella, ho thetheha ho aha dintho ka 3-D

Kotara 3

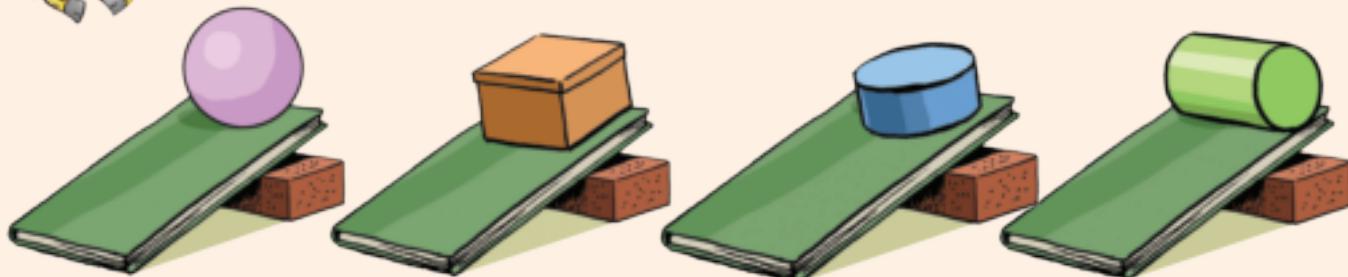


Titjhere wa hao o tla etsa mosebetsi ona le wena ho bona hore tse latelang di a tsepama.

- Lebokose hodima lebokose.
- Bolo hodima lebokose.
- Bolo hodima bolo.
- Mabokose a mabedi hodima lebokose le le leng.



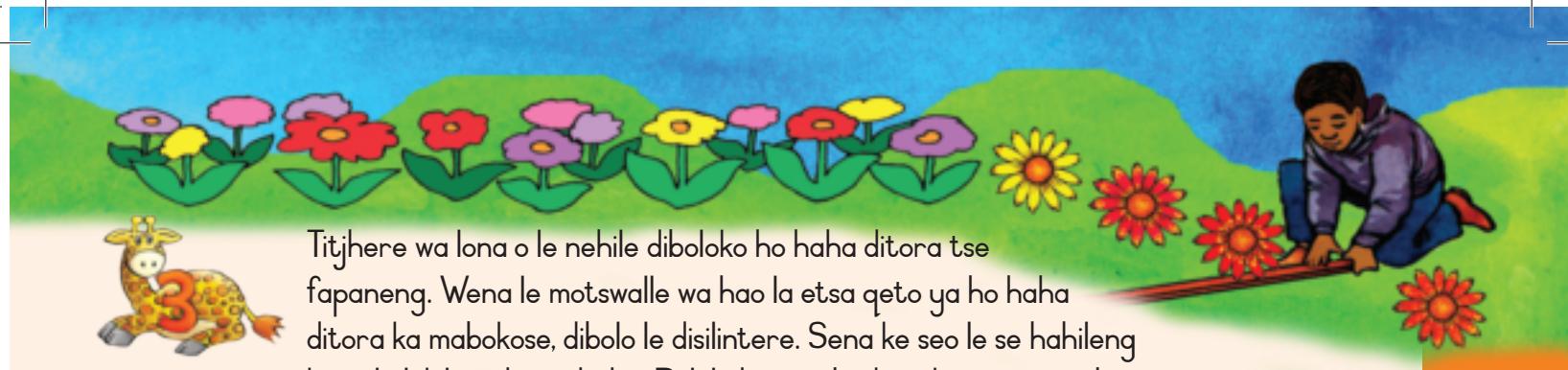
Mabokose, dibolo le disilintere di ka thetheha kapa tsa thella. Titjhere ya hao o tla o fa dintho tse latelang ho bona hore dintho tsena di a thetheha kapa di a thella. Ka mora hore le etse mosebetsi ona o tla hhalosa hore ntho e a thetheha kapa e a thella.



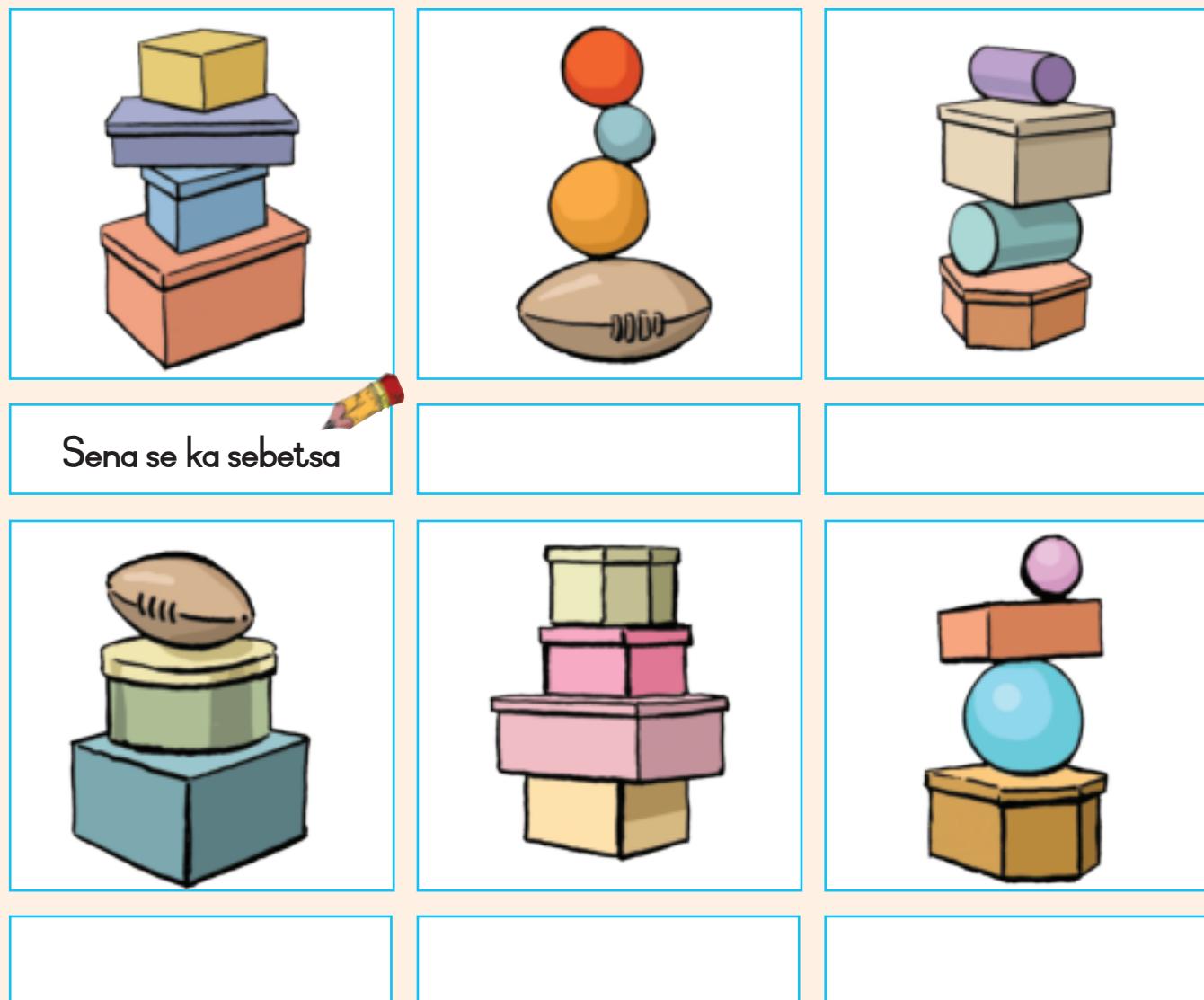
Fumana ditshwantsho le dintho ka dimakasineng tse ka bidikolohang kapa tse ka thellang mme o di kgomaretse mona.

thethha

thella

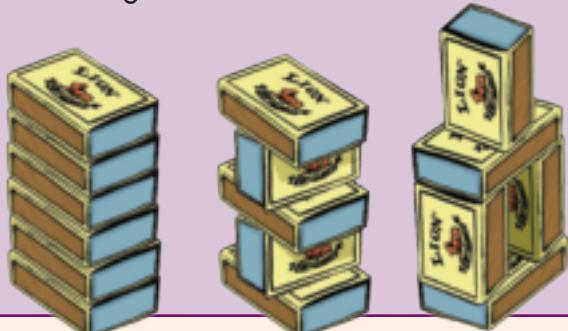


Titjhere wa lona o le nehile diboloko ho haha ditora tse fapaneng. Wena le motswalle wa hao la etsa qeto ya ho haha ditora ka mabokose, dibolo le disilintere. Sena ke seo le se hahileng kapa le lekileng ho se haha. Bolela hase sebeditse kapa se sa sebetsa.



Sena se ka sebetsa

Ditora tse ding tsa mabokose a mollo ke tsena.

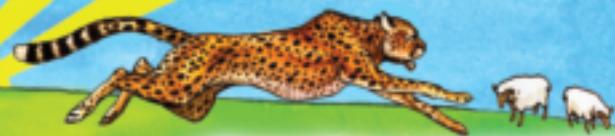


O hloka:
Mabokose a mollo.

Seo o tshwanelang ho se etsa:
Jwale lekang ho haha tora ka
mabokose a mollo ho ya hodimo ka
moo le ka kgonang ntle le ho sebedisa
sekgomaretsi.



77



Kotara 3

Ho Kopanya le ho Tlosa hape O – 75



Kopanya dipalo bolokong e nngwe le e nngwe mme o ngole karabo.

| | | | | |
|---|-----|-----|-----|-----|
| | 5 0 | 5 0 | 4 0 | 3 0 |
| 2 | 2 0 | 1 0 | 1 0 | 2 0 |
| 3 | | | | |



Kopanya ka ho sebedisa mokgwa o ratwang ke wena.

$$52 + 21$$

$$43 + 28$$



Qetela.

$$28 + 31 = 2\boxed{8} + \boxed{3}0 + \boxed{1} = 58 + \boxed{1} = 59$$

$$45 + 32 = 4\boxed{5} + \boxed{3}0 + \boxed{2} = \boxed{} + \boxed{} = \boxed{}$$

$$52 + 14 + 5\boxed{2} + \boxed{1}0 + \boxed{4} = \boxed{} + \boxed{} = \boxed{}$$



Kopanya.

$$41 + 10 = \boxed{} \quad 44 + 10 = \boxed{} \quad 71 + 10 = \boxed{}$$

Ho kopanya 36 le 24 ke _____.

Etsa setshwantsho ho bontsha karabo ya hao.



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

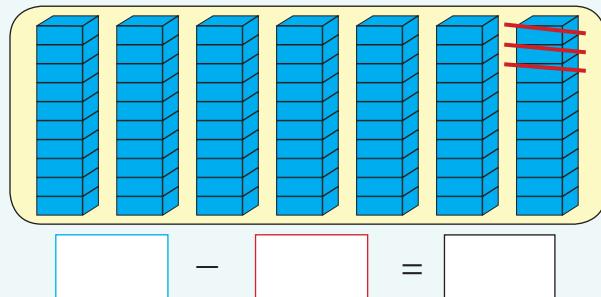
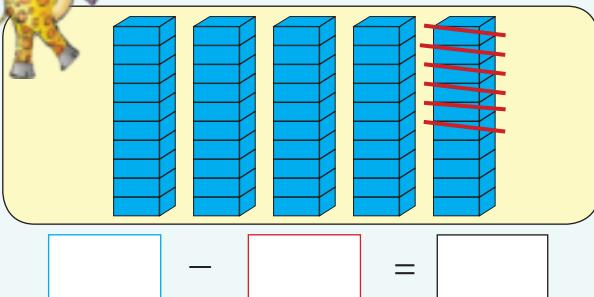


Tlosa dipalo tse ka lebokoseng le ka tlase ho dipalo tse
ka lebokoseng le ka hodimo.

| | | | | | | | |
|----------|-----|---|-----|---|-----|---|-----|
| 5 | 7 0 | 2 | 6 0 | 7 | 5 0 | 9 | 3 0 |
| 3 | 4 0 | 1 | 2 0 | 6 | 1 0 | 5 | 1 0 |
| | | | | | | | |



Ngola palo yohle ya tse latelang.



Tlosa:

$$65 - 23$$

$$72 - 29$$



Tlosa:

$$61 - 10 = \boxed{}$$

$$42 - 10 = \boxed{}$$

$$37 - 10 = \boxed{}$$



Etsa setshwantsho ho bontsha hore Palesa o ne a na le dimabole tse 62 mme o
lahlehetlwa ke tse 21.



Ho setse dimabole tse kae? _____



Teacher: _____
Sign: _____
Date: _____

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Tjhelete hape

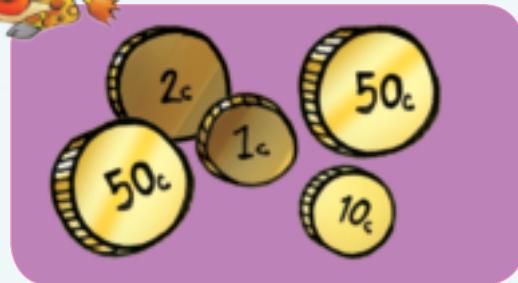
Farikinyana ya tjhelete ke bokae?

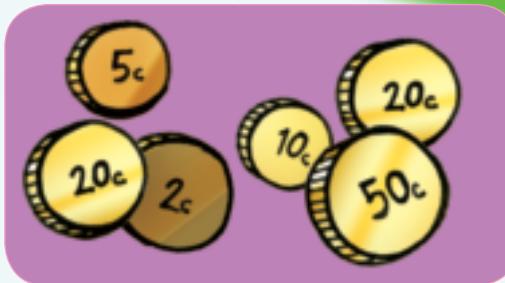
Kotara 3

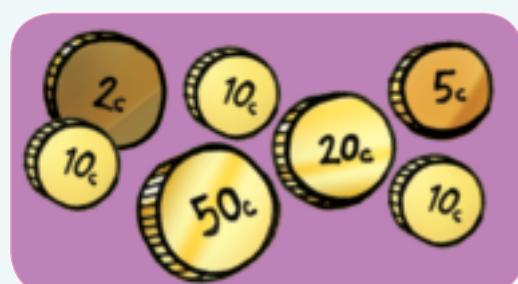


Sebedisa dikhoini ho hlaha Disehweng 3 mme o mamarisetse tjhelete e nepahetseng mona.

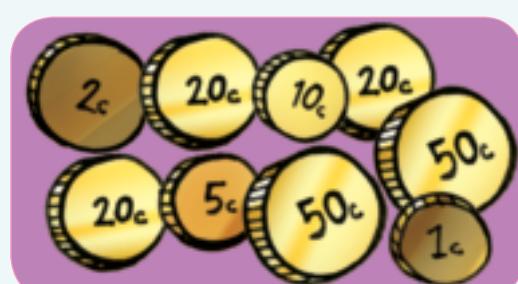


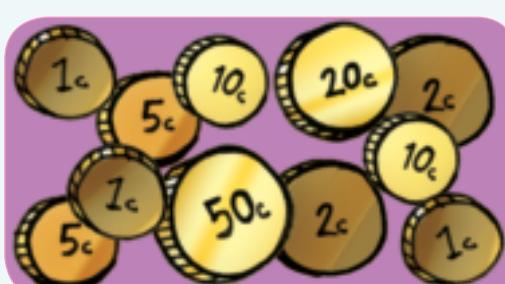














Polelo tsa dipalo:

Ke na le 100c. Ntate o nneha 50c hape.
Ke na le bokae? Etsa setshwantsho ho
bontsha karabo ya hao.

Ke na le 170c. Ke rekile dipompong ka
100c. Ke saletswe ke tjhelete e kae?
Taka setshwantsho ho bontsha karabo
ya hao.



79



Tjhelete ya pampiri e ngata

Kotara 3

Ho na le tjhelete e kae ka sepatjheng sa ka?



Sebedisa tjhelete ya pampiri ho hlaha ho Disehwa 3 mme o mamarisetse tjhelete e nepahetseng mona.



Ke diranta tse kae?



R100 R50

R100 R20
R20

R10 R10
R100 R10

R20 R10
R100

R20 R10
R100 R50

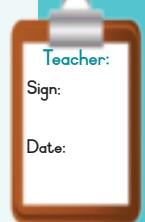
R100 R20
R20 R20 R10
R10 R50



Dipolelo tsa dipalo:

Abuti o na le R100. Ke na le R50 mme ngwaneso e monnnyane o na le R20. Ke tjhelete e kae eo re nang le yona kaofela? _____

Ke na le R160. Ke rekile hempe ka R50. Ke saletswe ke tjhelete e kae?



Teacher:

Sign:

Date:

80

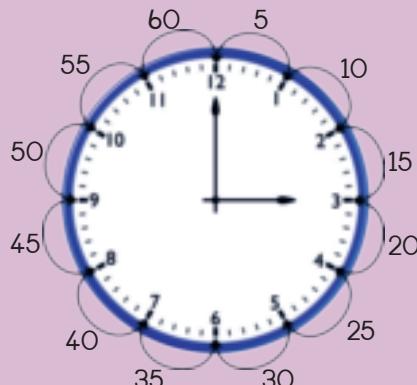


Bua ka tleloko.



Dipaterone tsa nako

Kotara 3



Tleloko e re bontsha nako.

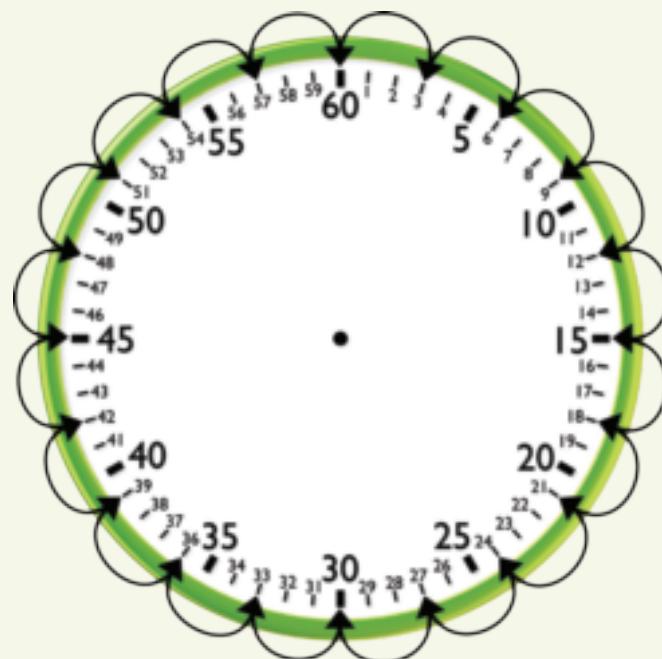
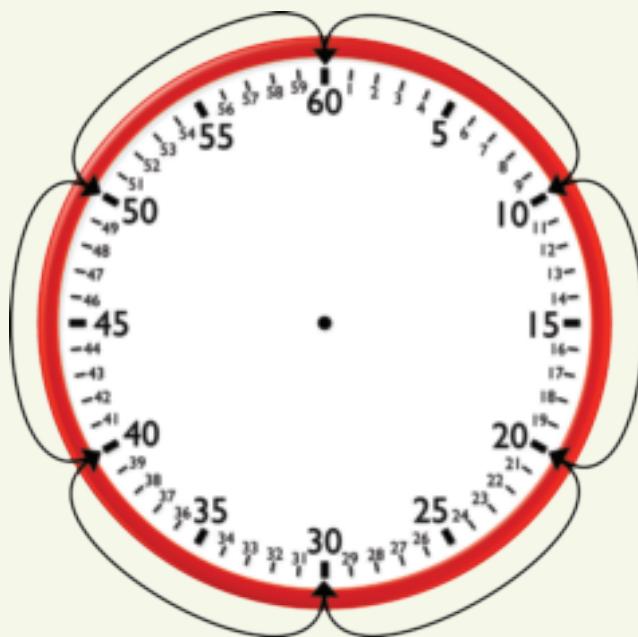
Lenaka le lennyane le re bontsha dihora.

Lenaka le le lelele le le bontsha metsotso.

Re bala metsotso ka bohlano.



Paterone ke eng? Sheba metsu ka nako tsohle mme o ngole dipaterone.

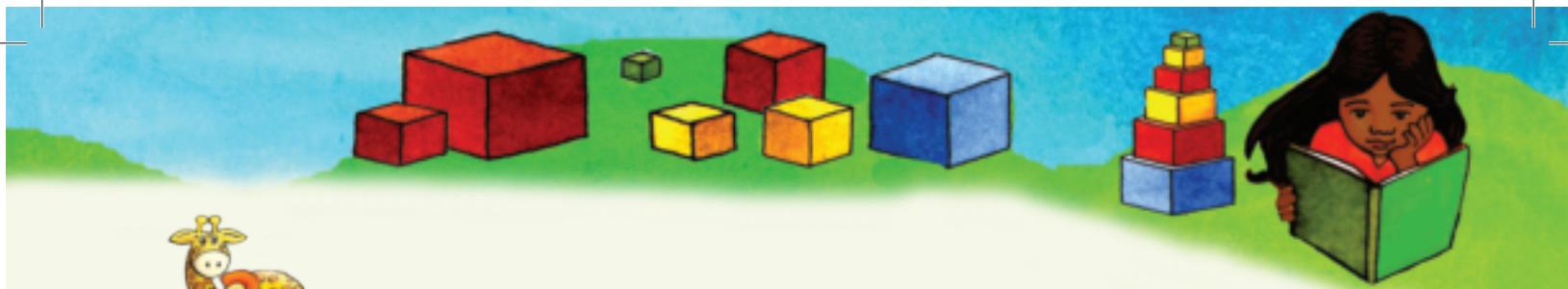


10 __, __, __, __, __,

3, __, __, __, __, __, __, __,

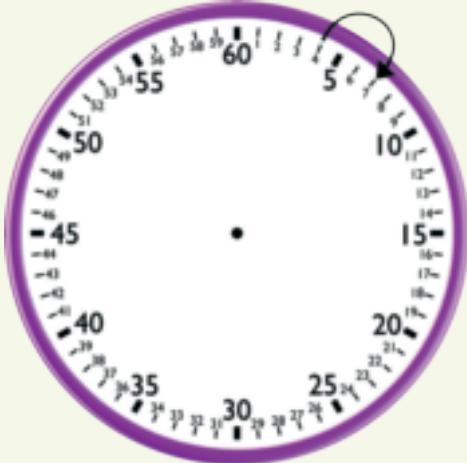
__ , __, __, __, __, __, __, __,

__ , __, __, __,

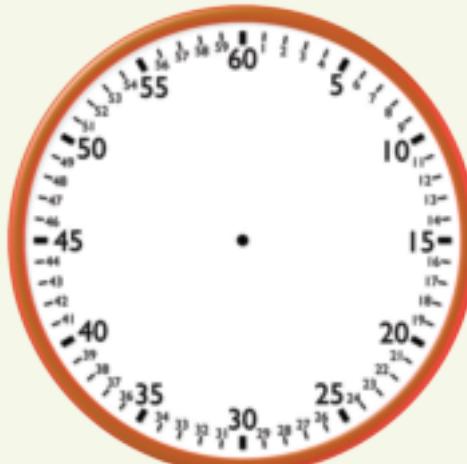


Bontsha paterone o sebedisa metsu.

Bala ka bo3 o qale ho 4.



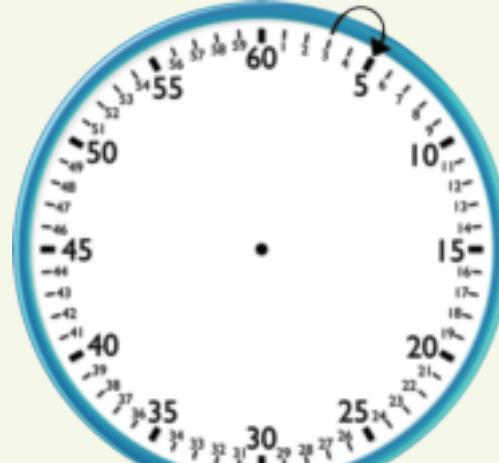
Bala ka bo10 o qale ho 1.



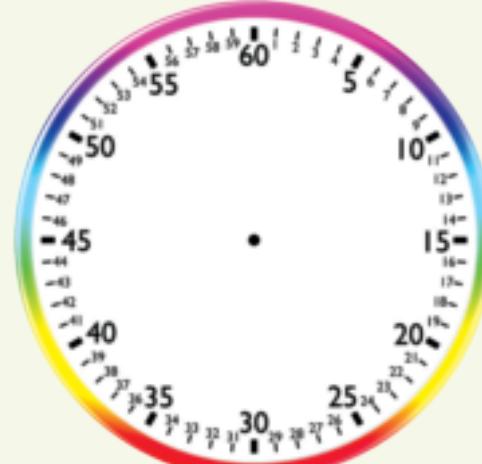
O ya sekolong ka nako mang?



Bala ka bo2 o qale ho 3.



Bala ka bo5 o qale ho 2.



O ja dijо tsa mantsiboya ka nako mang?



| |
|----------|
| Teacher: |
| Sign: |
| Date: |

8la

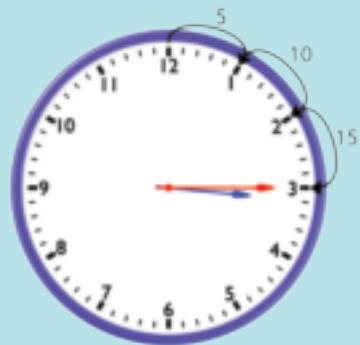


Bua ka tleloko.

Kotara 3

Dihora le metsotsso

Letsatsi:



Lenaka le lekgutswane le bontsha hannyae kamora dihora tse 3.

Lenaka le lelelele le re bontsha hore ke metsotsso e 15.

Re re ke kotara kamora hora ya boraro.

Re bolela hore ke metsotsso e leshome le metso e mehlano kamora
dihora tse 3.

Metsotsso e leshome le metso e mehlano ke kotara ya metsotsso e
mashome a tsheletseng (hora).



Ke nako mang?



Lenaka le lekgutswane le re bontsha _____.

Lenaka le letelolele le re bontsha _____.

Re re nako ke _____.

Lenaka le lekgutswane le re bontsha _____.

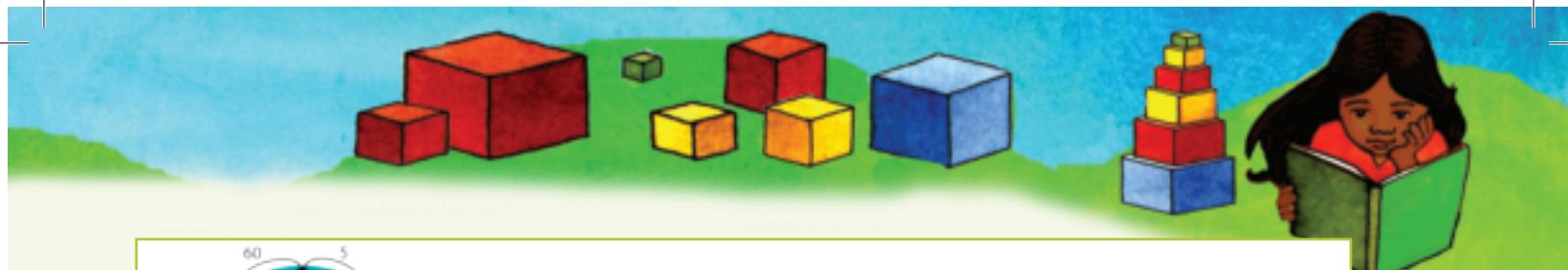
Lenaka le letelolele le re bontsha _____.

Re re nako ke _____.

Lenaka le lekgutswane le re bontsha _____.

Lenaka le letelolele le re bontsha _____.

Re re nako ke _____.



| | |
|--|---|
| | <p>Lenaka le lekgutswane le re bontsha _____.</p> |
| | <p>Lenaka le letelele le re bontsha _____.</p> |
| | <p>Re re nako ke _____.</p> |



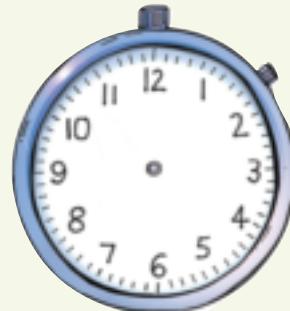
Etsa setshwantsho sa lenaka le letelele le le lekgutshwane.

Kotara ka mora pedi.

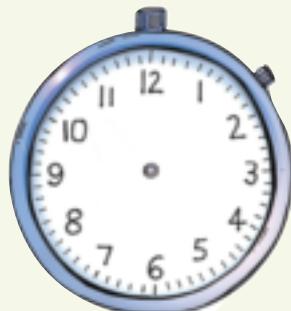


Hora ya leshome.

Kotara ka mora robong.



Kotara pelo ho tshelela.



O etsa eng ka nako ena hara beke? Taka setshwantsho.

Kotara ka mora robedi hoseng?

Kotara ka mora robedi mantsiboya?



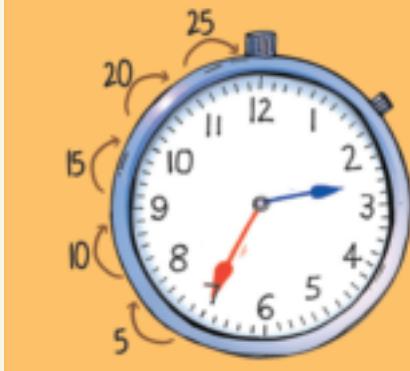
Teacher: _____
Sign: _____
Date: _____

8lb



Bua ka tleloko.

Kotara 3



Metsotso le dihora

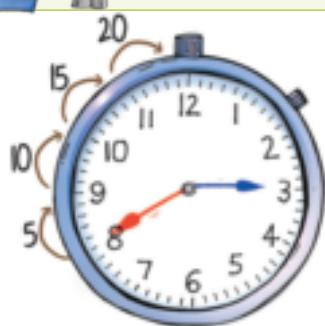


Lenaka le lekgutswane le atametse tharo.

Lenaka le letelele le eme ho **metsotso e 35**. Ke metsotso e 25
pele lenaka le letelele le fihla ho 12. Re re nako ke metsotso e
mashome a mabedi a metso e mehlano ho ya **horeng ya boraro**.
Re bolela hore nako ke metsotso e
25 pele ho hora ya 3.



Ke nako mang?



Lenaka le lekgutswane le eme ho _____.

Lenaka le letelele le eme ho _____.

Nako ke _____ pele **lenaka le letelele** le fihla ho 12.

Re re nako ke _____ pele ho _____.



Lenaka le lekgutswane le eme ho _____.

Lenaka le letelele le eme ho _____.

Nako ke _____ pele **lenaka le letelele** le fihla ho 12.

Re re nako ke _____ pele ho _____.



Lenaka le lekgutswane le eme ho _____.

Lenaka le letelele le eme ho _____.

Nako ke _____ pele **lenaka le letelele** le fihla ho 12.

Re re nako ke _____ pele ho _____.



Lenaka le lekgutswane le eme ho _____.

Lenaka le letlele le eme ho _____.

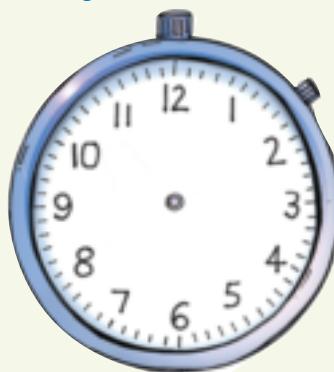
Nako ke _____ pele lenaka le letlele le fihla ho 12.

Re re nako ke _____ pele ho _____.

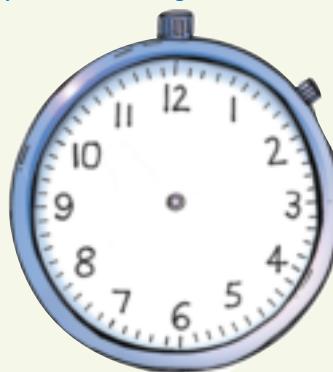


Taka lenaka le le letlele le le kgutswannyane o bontshe:

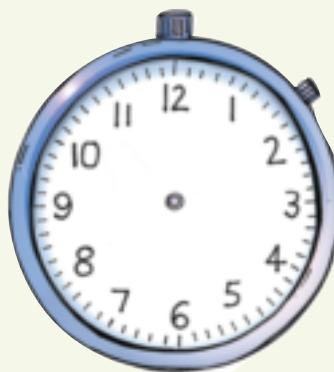
Metsotso e mehlano pele ho hora
ya borobedi.



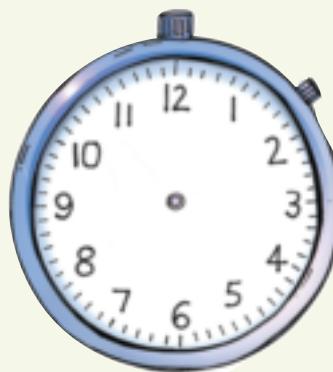
Metsotso e mashome a mabedi
pele ho hora ya boraro.



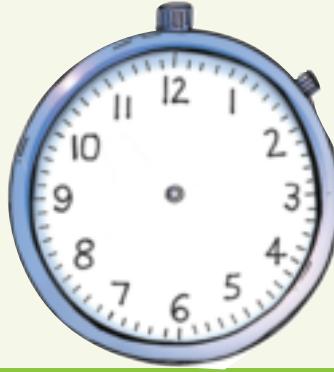
Metsotso e mehlano pele ho
hora ya pele.



Metsotso e lesome pele ho hora
ya botshelala.



Lesome le metso merano
ho supa.



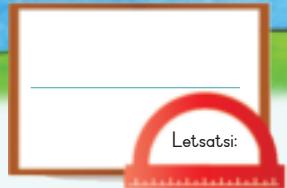
Lesome le metso e mmedi pele ho
lesome le metso e mmedi.



11 12 13 14 15 16 17 18 19 20



| |
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| Teacher: Sign: Date: |
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Ho Kopanya hape

Ke na le mekolana e 3 e nang le dipompong tse 2 mokotla ka mong.

Nka ngola palo ena e le $2 + 2 + 2 = 6$ kapa $3 \times 2 = 6$

Ke na le mekolana e 3 E nang le dipompong tse 5 mokotla ka mong.

Nka ngola palo ena e le $5 + 5 + 5 = 15$ kapa $3 \times 5 = 15$



Sheba mekolana e nang le dipompong:

- Ngola polelo ka mokotla o ka mong.
- Ngola paloyohle ya ho kopanya palo ka nngwe.
- Ngola katiso ya palo ka nngwe.

Mokotlana ka mong o na le dipompong tse 2.



Polelo: dihlopha tse 4 tsa 2

Palo ya ho kopanya: $2 + 2 + 2 + 2 =$ _____

Palo ya Katiso: $4 \times 2 =$ _____

Mokotlana ka na mong o na le dipompong tse 2.

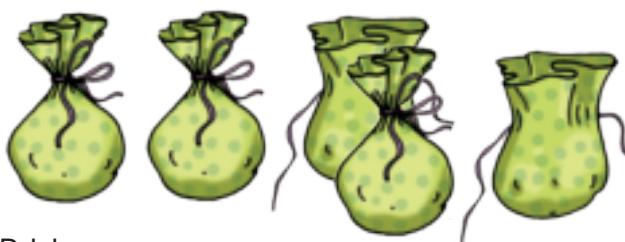


Polelo: _____

Palo ya ho kopanya: _____

Palo ya Katiso: _____

Mokotlana ka mong o na le dipompong tse 5.



Polelo: _____

Palo ya ho kopanya: _____

Palo ya Katiso: _____

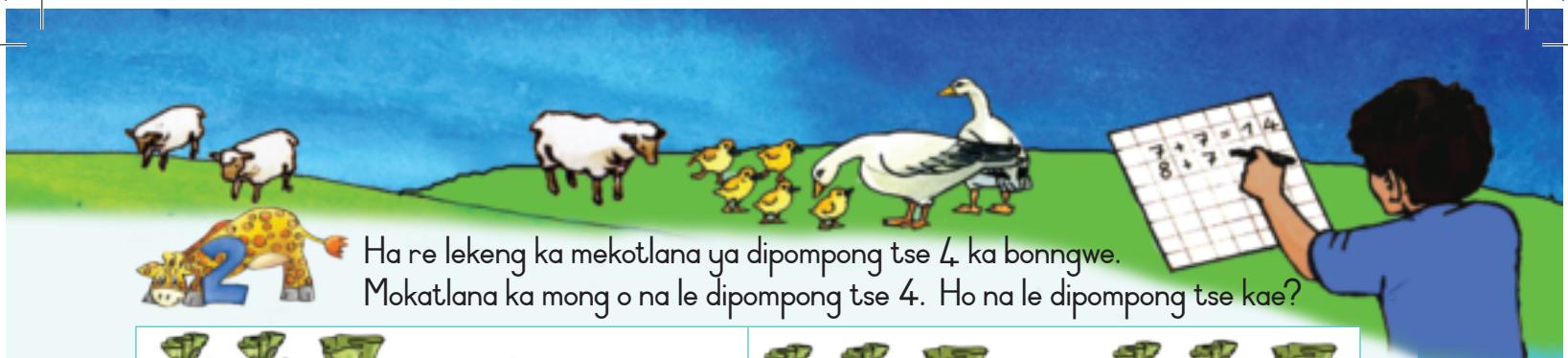
Mokotlana ka mong o na le dipompong tse 2.



Polelo: _____

Palo ya ho kopanya: _____

Palo ya Katiso: _____

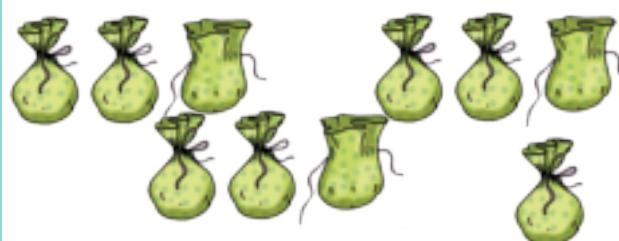


Polelo: Dihlopha tse 7 tsa 4

Palo ya ho kopanya:

$$4 + 4 + 4 + 4 + 4 + 4 + 4 = 28$$

$$\text{Palo ya Katiso: } 7 \times 4 = 28$$



Polelo: _____

Palo ya ho kopanya: _____

Palo ya Katiso: _____



Polelo: _____

Palo ya ho kopanya: _____

Palo ya Katiso: _____



Polelo: _____

Palo ya ho kopanya: _____

Palo ya Katiso: _____



Qetela papetla ya ho atisa.

| \times | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----------|---|---|---|---|----|---|---|---|---|----|
| 2 | | | 6 | | | | | | | |
| 4 | | | | | 20 | | | | | |
| 5 | | | | | | | | | | 50 |

Ke na le mabokose a
mahlano a nang le dikuku
tsa dimafene tse pedi
lebokose ka leng. Ho na le
dikuku tsa
dimafene
tse kae ka
palo?



Ke na le mabokose a mane
a nang le dikuku tse hlano
lebokose ka leng. Ho na le dikuku
tse kae kaofela?



Ke na le mabokose a mararo
a nang le didonate tse nne
lebokose ka
leng. Ho na le
didonate tse
kae ka palo?



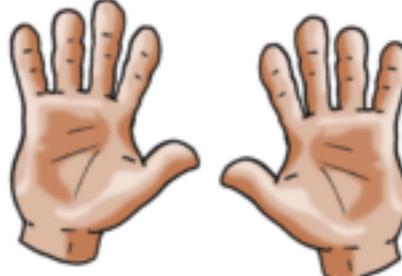


Atisa ka 5

Letsatsi:

Leoto le le leng le na le menwana e 5.

Letsoho le le leng le na le menwana e 5.



Ke menwana ya maoto e mekae
ka palo?

Ke menwana e mekae ka palo
ya matsoho.



Qetella tse latelang:



$$\boxed{} \times \boxed{} = \boxed{}$$

Menwana ya Maoto
leoto le le leng



$$\boxed{} \times \boxed{} = \boxed{}$$

Menwana ya Matsoho
letsoho le le leng



$$\boxed{} \times \boxed{} = \boxed{}$$

Menwana ya Maoto
leoto le le leng



$$\boxed{} \times \boxed{} = \boxed{}$$

Menwana ya Matsoho
letsoho le le leng



$$\boxed{} \times \boxed{} = \boxed{}$$

Menwana ya Maoto
leoto le le leng



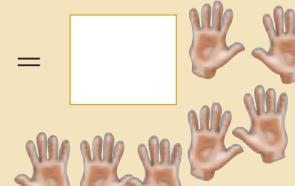
$$\boxed{} \times \boxed{} = \boxed{}$$

Menwana ya Matsoho
letsoho le le leng



$$\boxed{} \times \boxed{} = \boxed{}$$

Menwana ya Maoto
leoto le le leng



$$\boxed{} \times \boxed{} = \boxed{}$$

Menwana ya Matsoho
letsoho le le leng



Qetella tse latelang:

| | | | | | | | | |
|---|----|----|--|--|--|--|--|--|
| 5 | 10 | 15 | | | | | | |
|---|----|----|--|--|--|--|--|--|

| | | | | | | | | |
|----|----|----|--|--|--|--|--|--|
| 50 | 45 | 40 | | | | | | |
|----|----|----|--|--|--|--|--|--|



Qetella tse latelang:

| | |
|--|--|
| $5 \times$ = <input type="text"/> diapole | $4 \times$ = <input type="text"/> dipanana |
| $6 \times$ = <input type="text"/> dipanana | $7 \times$ = <input type="text"/> diapole |



Qetella tse latelang:

| | |
|--------------------------------------|---|
| $15 \times 5 =$ <input type="text"/> | $12 \times 5 =$ <input type="text"/> |
| $1 \quad 0 \quad 5 \times 5$ | $1 \quad 0 \quad 2 \times 5$ |
| $= 1 \quad 0 + 5 \times 5$ | $= \quad \quad + \quad \times \quad$ |
| $= 1 \quad 0 \times 5 + 5 \times 5$ | $= \quad \quad \times \quad + \quad \times \quad$ |
| $= 50 + 25$ | $= \quad \quad + \quad$ |
| $= 75$ | $= \quad \quad$ |

| | |
|---|---|
| $14 \times 5 =$ <input type="text"/> | $13 \times 5 =$ <input type="text"/> |
| $1 \quad 0 \quad 4 \times 5$ | $1 \quad 0 \quad 3 \times 5$ |
| $= \quad \quad + \quad \times \quad$ | $= \quad \quad + \quad \times \quad$ |
| $= \quad \quad \times \quad + \quad \times \quad$ | $= \quad \quad \times \quad + \quad \times \quad$ |
| $= \quad \quad + \quad$ | $= \quad \quad + \quad$ |
| $= \quad \quad$ | $= \quad \quad$ |

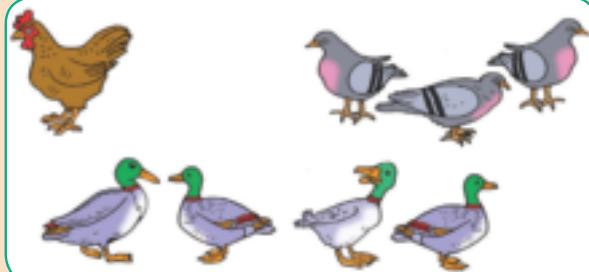


Ho atisa ka 2

Letsatsi:

Kotara 3

Dinonyana tsohle di na le maoto a 2.



Dinonyana tsohle di na le mapheo a 2.

Ho na le maoto a makae ohle setshwantshong sena?

Mapheo ohle a setshwantshong sena a makae?



Sheba setshwantsho mme o qetele tse latelang.

maebana



$$\boxed{} \times \boxed{} = \boxed{}$$

Palo ya dinonyana Maoto a nonyana e le nngwe

$$\boxed{} \times \boxed{} = \boxed{}$$

Palo ya dinonyana Mapheo a nonyana e le nngwe

matata



$$\boxed{} \times \boxed{} = \boxed{}$$

Palo ya matata Maoto a nonyana e le nngwe

$$\boxed{} \times \boxed{} = \boxed{}$$

Palo ya matata Mapheo a nonyana e le nngwe



Qetella tse latelang:

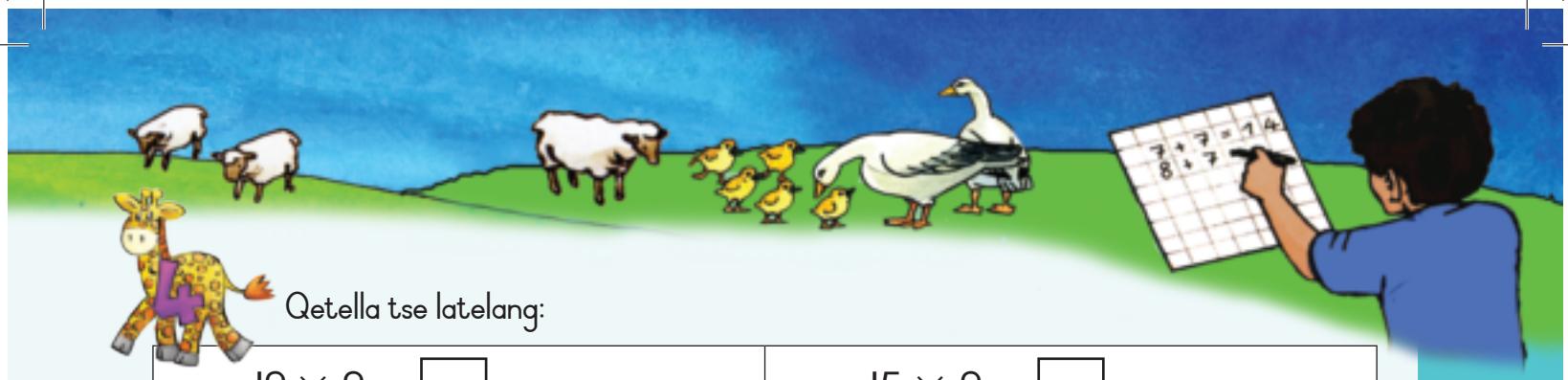
| | | | | | | | | | |
|---|---|---|--|--|--|--|--|--|--|
| 2 | 4 | 6 | | | | | | | |
|---|---|---|--|--|--|--|--|--|--|

| | | | | | | | | | |
|----|----|----|--|--|--|--|--|--|--|
| 20 | 18 | 16 | | | | | | | |
|----|----|----|--|--|--|--|--|--|--|



Qetella tse latelang:

| | |
|--|--|
| $5 \times$ = <input type="text"/> diapole | $4 \times$ = <input type="text"/> dipanana |
| $6 \times$ = <input type="text"/> dipanana | $7 \times$ = <input type="text"/> diapole |



Qetella tse latelang:

$$12 \times 2 = \boxed{}$$

$$\begin{array}{r} 1 \ 0 \\ + 1 \ 2 \\ \hline 1 \ 0 \end{array} \times 2$$

$$= \boxed{1 \ 0} + \boxed{2} \times 2$$

$$= \boxed{1 \ 0} \times 2 + \boxed{2} \times 2$$

$$= 20 + 4$$

$$= 24$$



$$15 \times 2 = \boxed{}$$

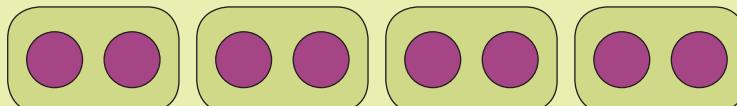
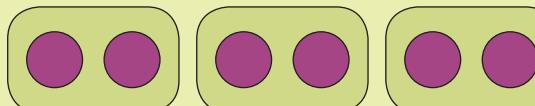
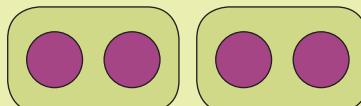
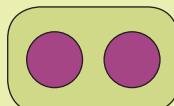
$$\begin{array}{r} 1 \ 0 \\ + 1 \ 5 \\ \hline 1 \ 0 \end{array} \times 2$$

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

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

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

$$= \boxed{}$$



$$2 + 2 + 2 + 2 = 8$$

kapa

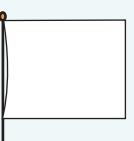
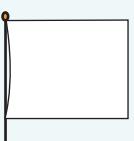
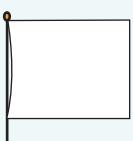
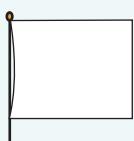
$$4 \times 2 = 8$$

kapa

$$8 \div 2 = 4$$

Lena ke
letshwao la
arola.

Taka setshwantsho sa dinaledi tse 2 hodima floakga.



$$2 + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$



Ke diboloko tse kae dikotwaneng tsa tjhokolete.

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

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$



Teacher:
Sign:
Date:

85a



Bua ka tleloko.



Lenaka le lekgutswane le qeta ho feta nngwe.

Lenaka le letelele le eme ho metsotso e leshome le metso e mehlano.

Re re nako ke kotara mora hora ya pele.

Re bolela hore nako ke kotara ya hora (metsotso e 15) ka mora hora ya pele.



Ke nako mang?



Lenaka le lekgutswannyane le qeta ho feta _____.

Lenaka le letelele le eme ho metsotso e _____.

Re re nako ke _____ ka mora _____.

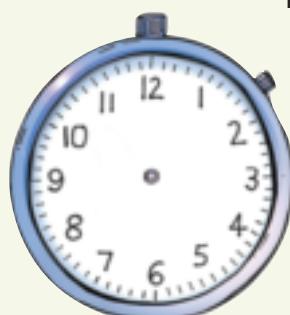


Etsa setshwantsho sa lenaka le letelele le lekgutshwane.

Kotara e mehlano ka mora hora ya 8.



Kotara ka mora 3.





Kotara ho ya ho



Bua ka tleloko.



Lenaka le lekgutswane le atametse tharo.

Lenaka le letelele le eme ho le metsotse e meklau.

Re re ke kotara ka ,mora tharo.

Re bolela hore ke kotara ya hora (metsotso e 15)
pele ho hora ya 3.



Ke nako mang?



Lenaka le lekgutswane le haufi le ho fihla ho _____.

Lenaka le letelele le eme ho metsotso e _____.

Re re nako ke _____ pele ho _____.



Taka setshwantsho sa lenaka le letelele le le kgutshwane.

Kotara ho 4.



Kotara ho 8.



| |
|----------|
| Teacher: |
| Sign: |
| Date: |

11 12 13 14 15 16 17 18 19 20

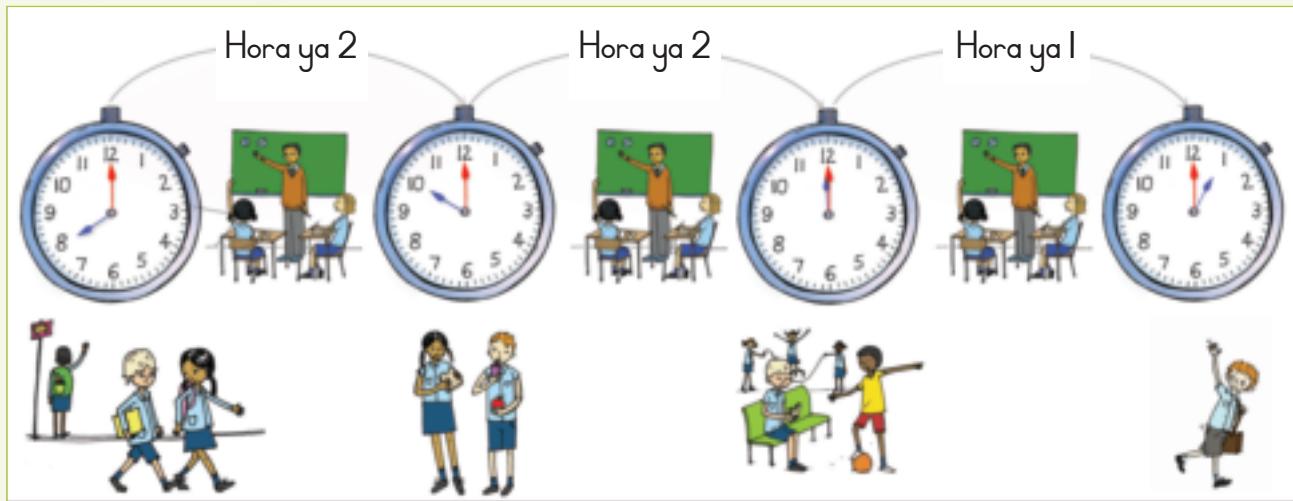
85b



Letsatsi:

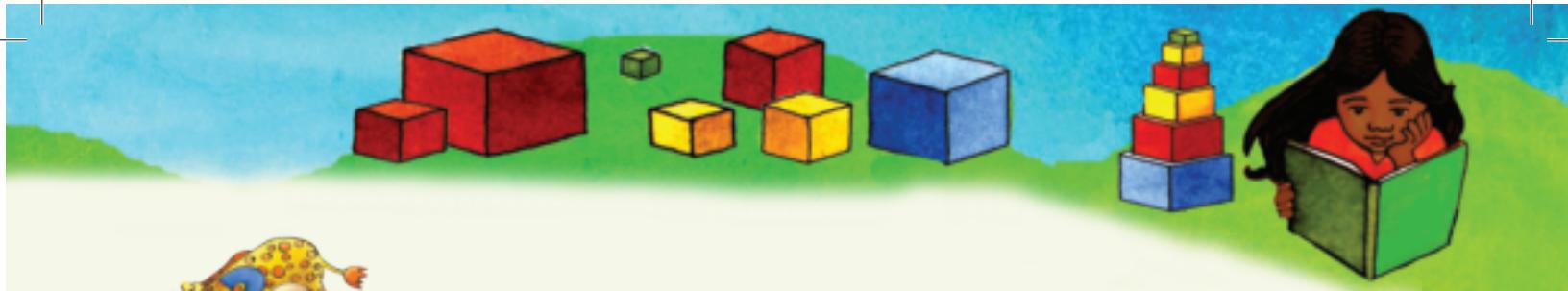
Kotara 3

Nako e a feta



Ho nkile nako e kae ho qeta mosebetsi?





Bala dihora.

Ke dihora tse kae ho tlaha ho hora ya 4 ho ya ho hora ya 7? _____

Ke dihora tse kae ho tlaha ho hora ya 8 ho ya ho hora ya 12? _____

Ke dihora tse kae ho tlaha ho hora ya 1 ho ya ho hora ya 8? _____

Ke dihora tse kae ho tlaha ho hora ya 5 ho ya ho hora ya 10? _____

Ke dihora tse kae ho tlaha ho hora ya 2 ho ya ho hora ya 11? _____



Taka setshwantsho se bontshangBongi o ile ho motswalle wa hae ka 10 Moqebelo hoseng.
O fihlile lapeng ka hora ya 3 mantsiboya. O bile siyo dihora tse kae?



John o ilo tshwasa ditlhapi le ntatae. Ba tsamaile ka hora ya 4 hoseng ba kgutlela
hae ka hora ya 10 bosiu. Ba bile siyo lapeng nako e kae?



| |
|----------|
| Teacher: |
| Sign: |
| Date: |



Pheta habedi

Kotara 3

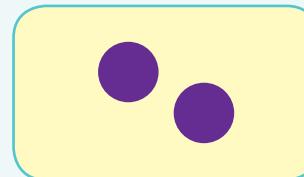
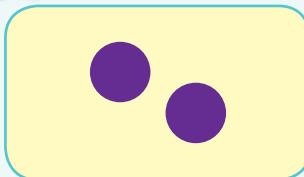


Sheba setshwantsho sa pele le sa bobedi. Ho etsahetse eng?

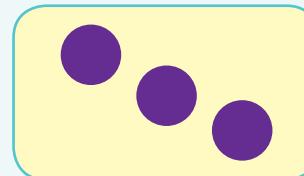
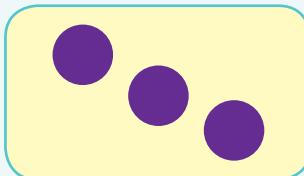
Letsatsi:



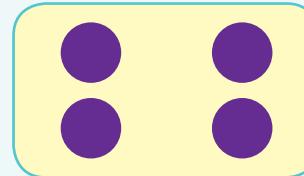
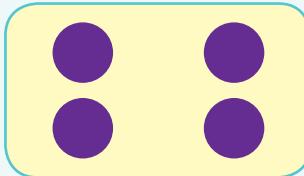
Kopanya matheba, mme o ngole karabo ya dipalo ho e nngwe le e nngwe.



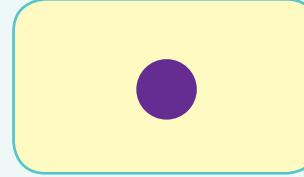
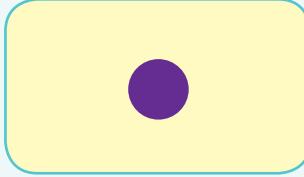
$$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



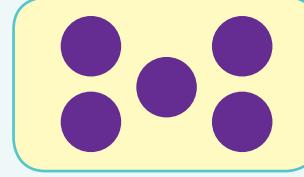
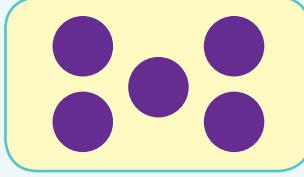
$$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



$$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



$$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



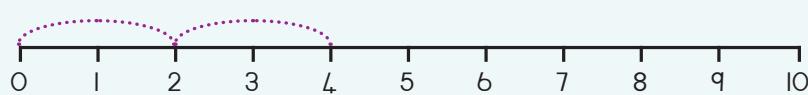
$$\boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$



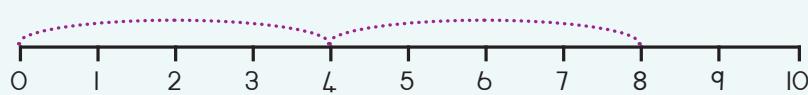
Sebedisa melapalo ho ngola palo.



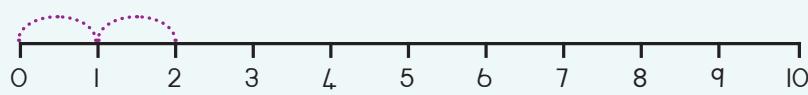
$$\boxed{} + \boxed{} = \boxed{}$$



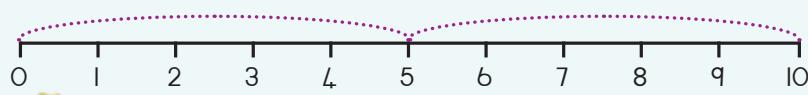
$$\boxed{} + \boxed{} = \boxed{}$$



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



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



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



Pheta tse latelang habedi:

Pheta 1 habedi

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

$$2 \times \boxed{} = \boxed{}$$

Pheta 2 habedi

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

$$2 \times \boxed{} = \boxed{}$$

Pheta 3 habedi

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

$$2 \times \boxed{} = \boxed{}$$

Pheta 4 habedi

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

$$2 \times \boxed{} = \boxed{}$$

Pheta 5 habedi

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

$$2 \times \boxed{} = \boxed{}$$

Tracing practice for the numbers 2, 4, 6, 8, 10, 12, and 14.



11 12 13 14 15 16 17 18 19 20

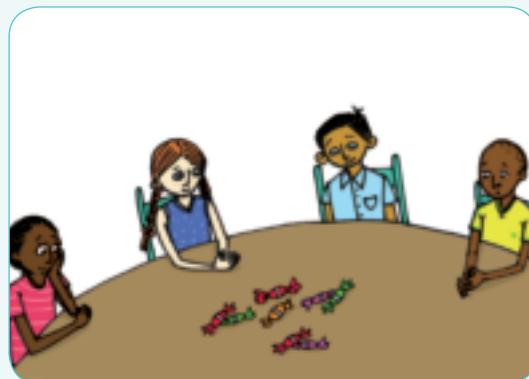
87



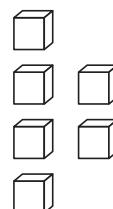
Ho pheta hadebi le ho hafola

Kotara 3

Sheba ditshwantsho tse pedi. Etsa pale ya hao.



Bala dintho mme o tlotshe halofo ya tsona ka mmala.

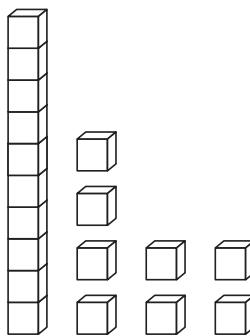


Bala

Halofo ke

Bala

Halofo ke



Qetella tsena mme o etse setshwantsho.

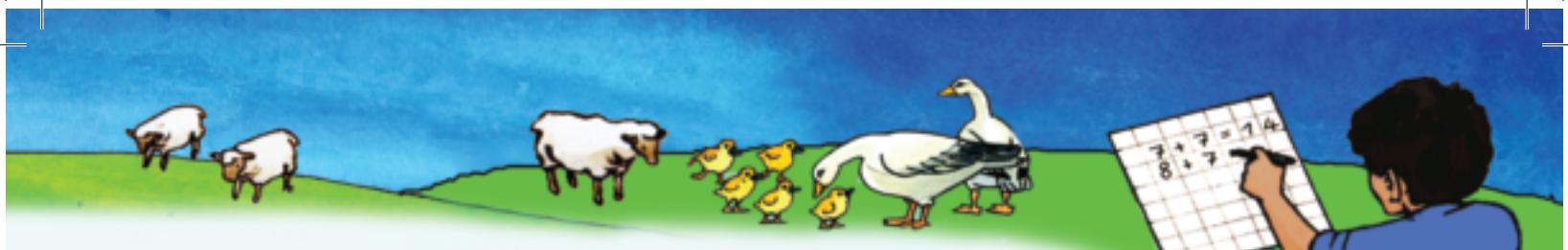
12 habedi ke

$$\boxed{} + \boxed{}$$



Qetella.

| | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|
| 14 | 8 | | 16 | |
| <input type="text"/> |



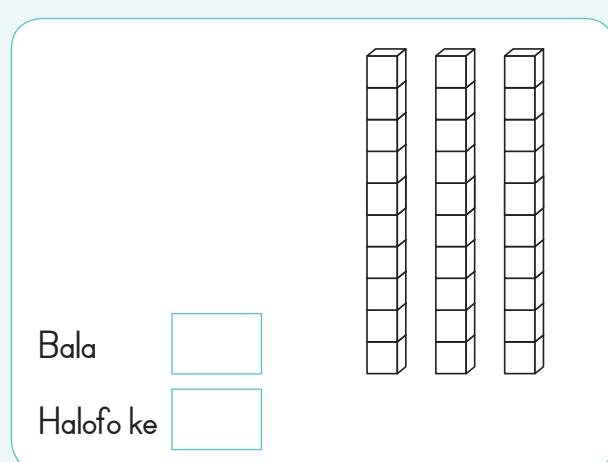
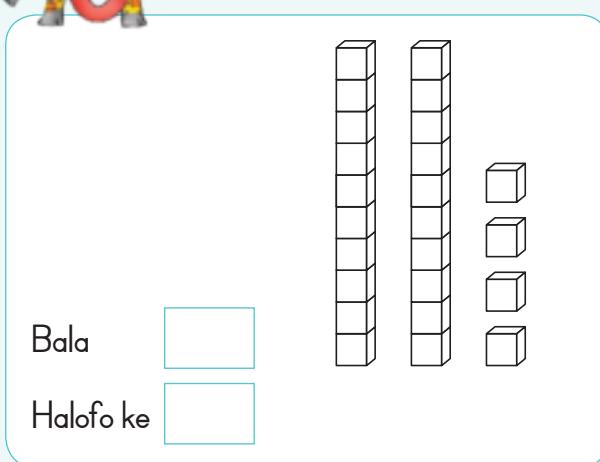
Sheba ditshwantsho tse pedi. Etsa pale ya hao.



Ho na le dipompong tse 10 ka mokotleng.



Bala dintho mme o tlotshe halofo ya tsona ka mmala.



Qetella tse latelang mme o etse setshwantsho.

16 habedi ke

$$\boxed{} + \boxed{}$$



Qetella.

| | | | | |
|-----------|-----------|-----------|-----------|-----------|
| 34 | | | 36 | 40 |
| 8 | 22 | 19 | | |

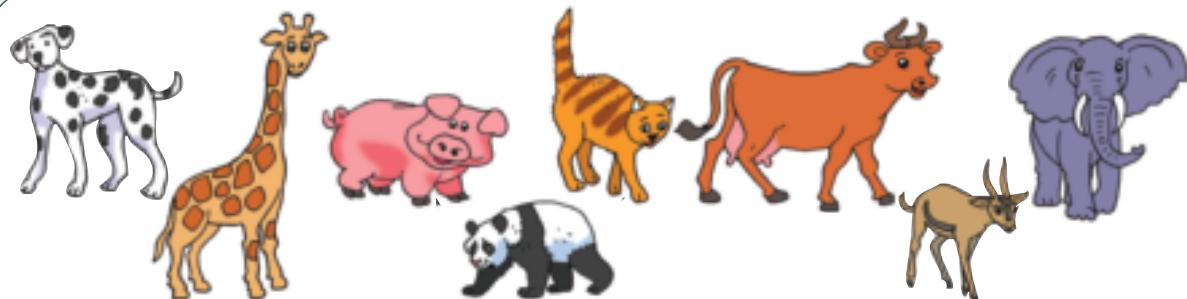
Teacher:
Sign:
Date:

Katiso ka bongata

Letsatsi:

Diphoofolo tsena tsohle di na le maoto a 4.

Diphoofolo tsena tsohle di na le ditsebe tse 2.

Ke maoto ohle a makae
setshwantshong sena?Ke ditsebe tsohle tse kae
setshwantshong sena?

Dintja

$$\boxed{} \times \boxed{} = \boxed{}$$

Palo ya
dintja

Maoto a phoofolo e le
nngwe

$$\boxed{} \times \boxed{} = \boxed{}$$

Palo ya
dintja

Mahlo a phoofolo e
le nngwe

Diphoofolo
tse hlaha

$$\boxed{} \times \boxed{} = \boxed{}$$

Palo ya ditsebe tsa diphoofolo
tse hlaha phoofolo ka nngwe

$$\boxed{} \times \boxed{} = \boxed{}$$

Palo ya ditsebe tsa diphoofolo
tse hlaha phoofolo ka nngwe



Qetella tse latelang:

| | | | | | | | | | |
|---|---|----|--|--|--|--|--|--|--|
| 4 | 8 | 12 | | | | | | | |
|---|---|----|--|--|--|--|--|--|--|

| | | | | | | | | | |
|----|----|----|--|--|--|--|--|--|--|
| 40 | 36 | 32 | | | | | | | |
|----|----|----|--|--|--|--|--|--|--|



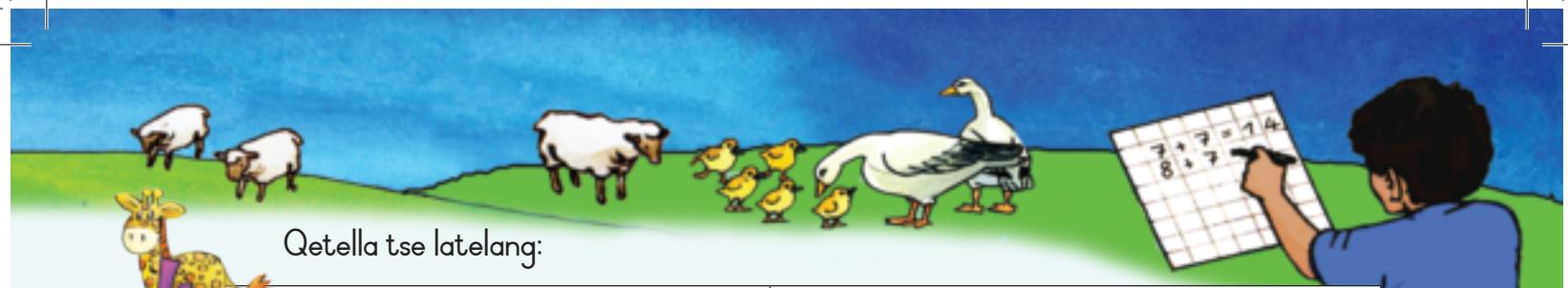
Qetella tse latelang:

$$5 \times \begin{array}{c} \text{apple} \\ \text{apple} \\ \text{apple} \end{array} = \boxed{} \text{ diapole}$$

$$4 \times \begin{array}{c} \text{banana} \\ \text{banana} \\ \text{banana} \\ \text{banana} \end{array} = \boxed{} \text{ dipanana}$$

$$6 \times \begin{array}{c} \text{banana} \\ \text{banana} \\ \text{banana} \\ \text{banana} \end{array} = \boxed{} \text{ dipanana}$$

$$7 \times \begin{array}{c} \text{apple} \\ \text{apple} \\ \text{apple} \end{array} = \boxed{} \text{ diapole}$$



Qetella tse latelang:



$$14 \times 4 = \boxed{}$$

$$\begin{array}{r} 1 \quad 0 \\ \textcolor{red}{4} \end{array} \times 4$$

$$= \begin{array}{r} 1 \quad 0 \\ \textcolor{red}{4} \end{array} + \times 4$$

$$= \begin{array}{r} 1 \quad 0 \\ \textcolor{red}{4} \end{array} \times 4 + \times 4$$

$$= 40 + 16$$

$$= 56$$



$$15 \times 4 = \boxed{}$$

$$\begin{array}{r} 1 \quad 0 \\ \textcolor{red}{5} \end{array} \times 4$$

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

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

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

$$= \boxed{}$$



Metswalle e mmedi e bapala ka disete tse pedi tsa teye. Ka morao ho moo ba di arohaya. Ba hlokang hore ba be le e tshwanang hantle ya e nngwe le e nngwe.



Qetella tse latelang.



Arolela bana ba 4 dimabole tse 19 ka ho lekana.

Arolela bana ba 4 dipensele tse 22 ka ho lekana.

E mong le e mong o fumana tse

E mong le e mong o fumana tse

Ho sala tse

Ho sala tse



Etsa ditshwantsho ho bontsha dikarabo tsa hao.

Arolela bana ba 4 dibuka tse 23.

Arolela bana ba 4 dibuka tse 15.

E mong le e mong o fumana tse

E mong le e mong o fumana tse

Ho sala tse

Ho sala tse



89



Palo ya dipaterone

Letsatsi:

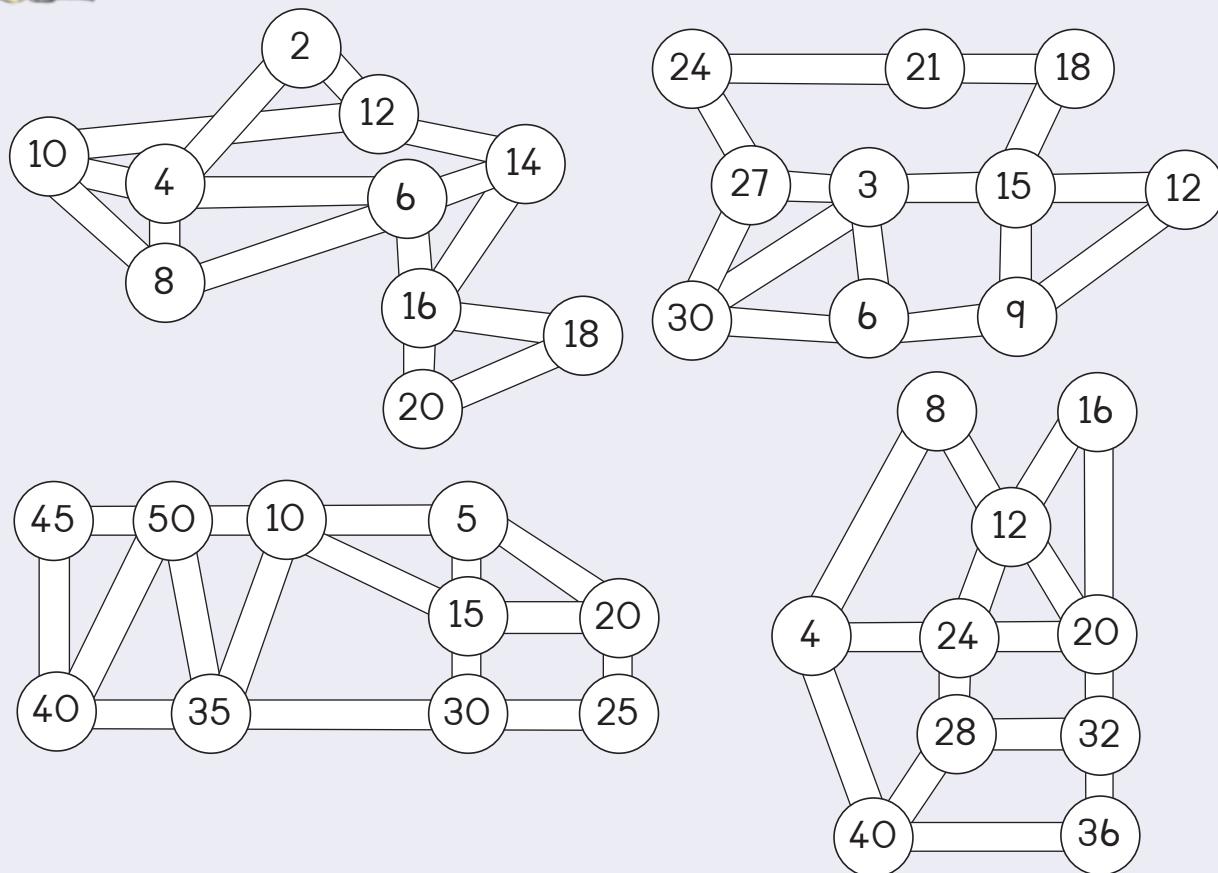
Kotara 3



Ke palo efe e tla latela lehlaku le latelang?



Kgetha paterone. Taka tsela, o qale ka palo e tlase.





Taka manaka ditlelokong mme o qetelle dipaterone tsa dinako.

| | | | | |
|-------|-------|-------|-------|-------|
| | | | | |
| 4:20 | 4:25 | _____ | _____ | _____ |
| | | | | |
| 11:10 | 11:20 | 11:30 | _____ | _____ |
| | | | | |
| 9:25 | 9:40 | 9:55 | _____ | _____ |
| | | | | |
| 10:30 | 10:35 | 10:40 | _____ | _____ |
| | | | | |
| 5:10 | 5:20 | 5:30 | _____ | _____ |



90

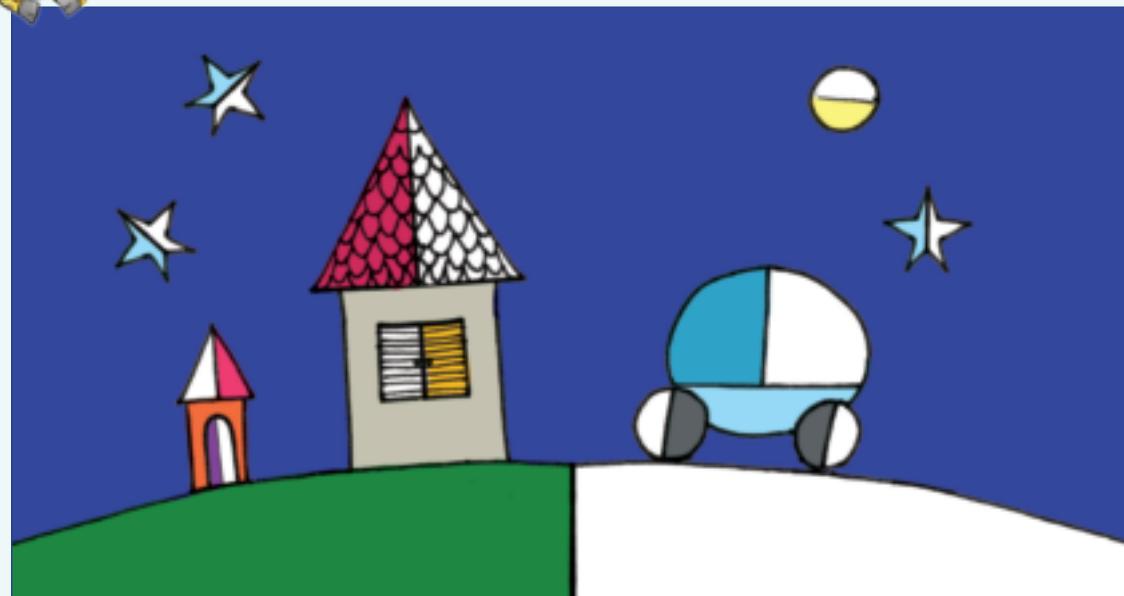


Kotara 3

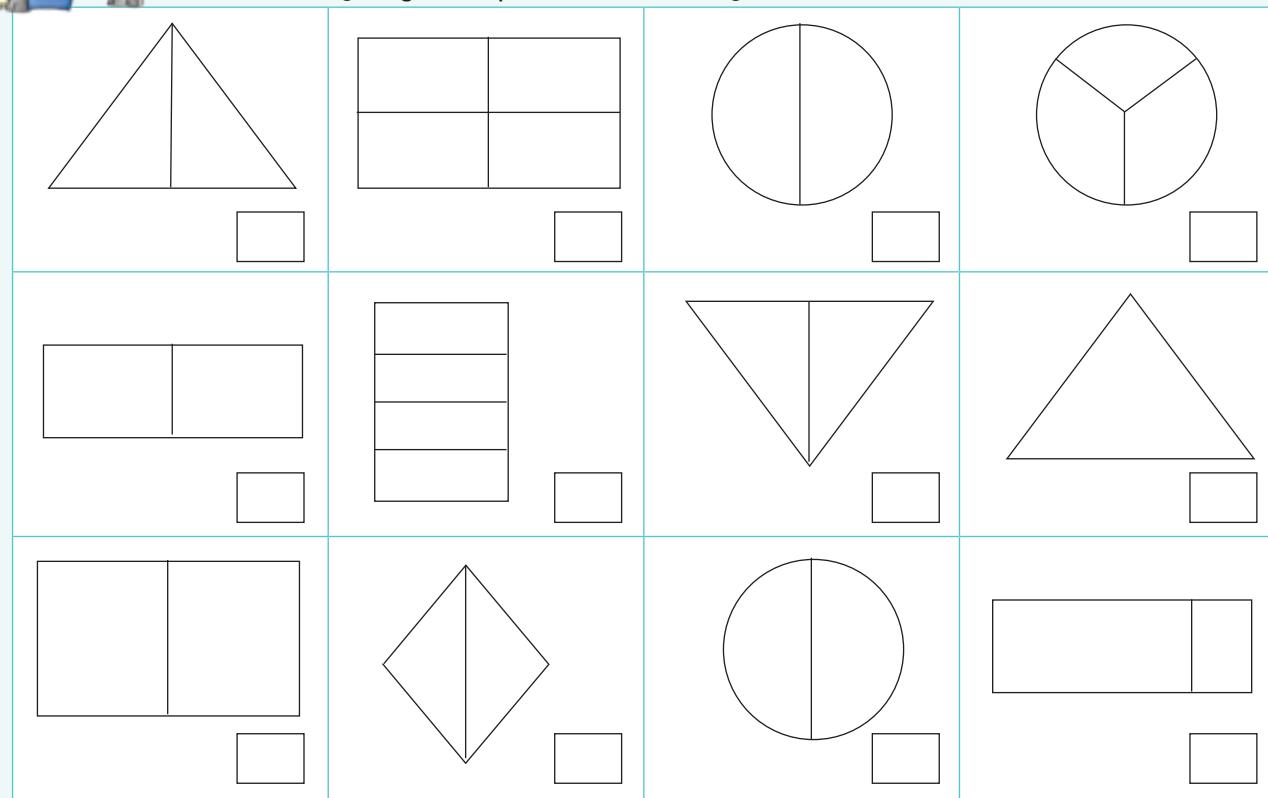


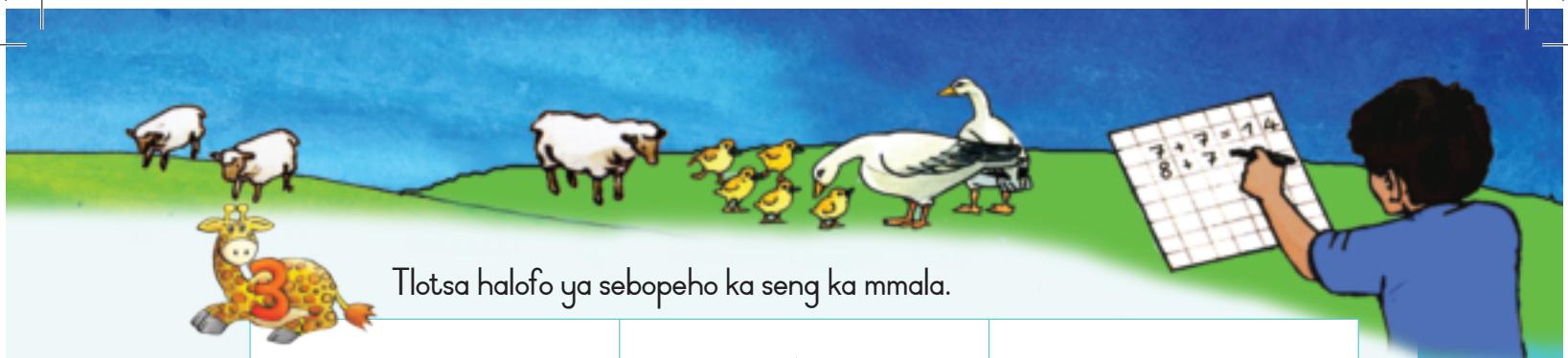
Dikarolwana le dihalofo

Sheba setshwantsho. Tlotsa dihalofo tse ding ka mmalo o tshwanang.

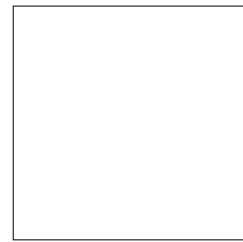
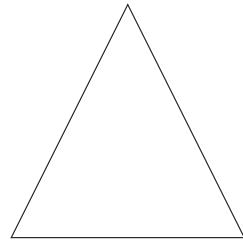
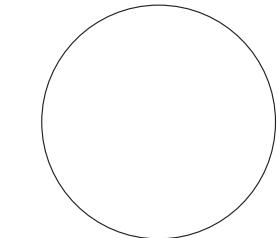


Sheba setshwantsho. Tshwaya dibopeho tse bontshang dihalofo. Tlotsa ka mmala halofo e nngwe ya seboleho se arotsweng ka dihalofo.

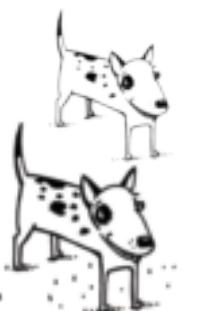




Tlotsa halofo ya sebopetho ka seng ka mmala.



Kgabisa halofo ya diphoofolo ka mmala bolokong e nngwe le enngwe.



halofo halofo halofo

| |
|----------|
| Teacher: |
| Sign: |
| Date: |

11

12

13

14

15

16

17

18

19

20

q|

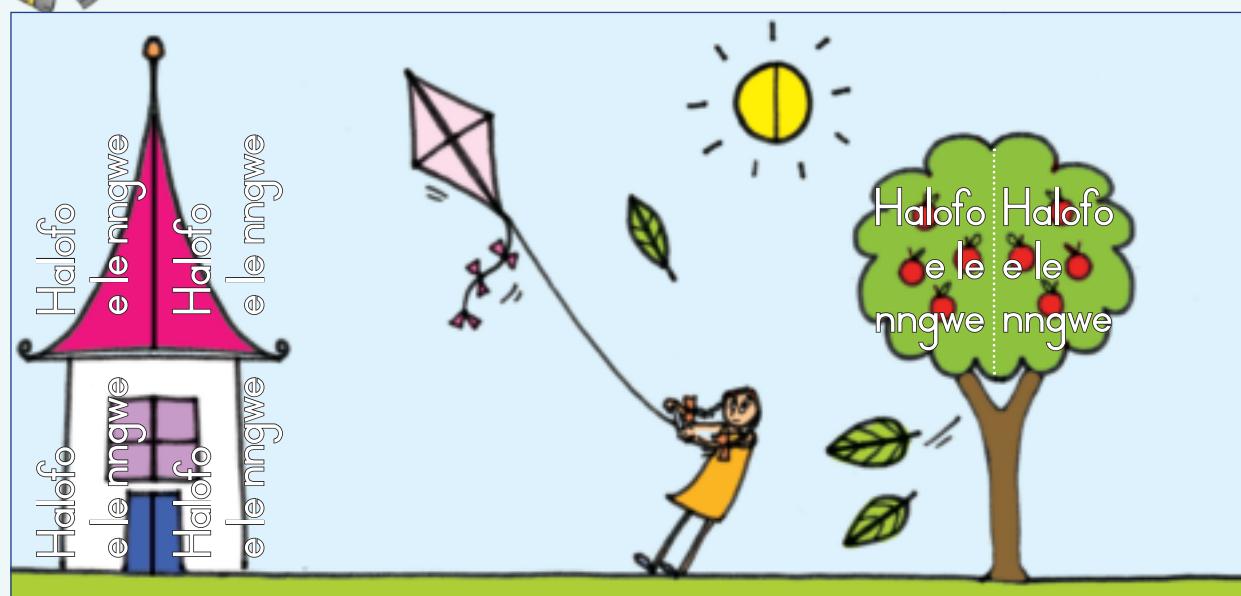
Diforakshene – dihalofo tse ngata

Kotara 3



Sheba setshwantsho. Halofe e bolelang?

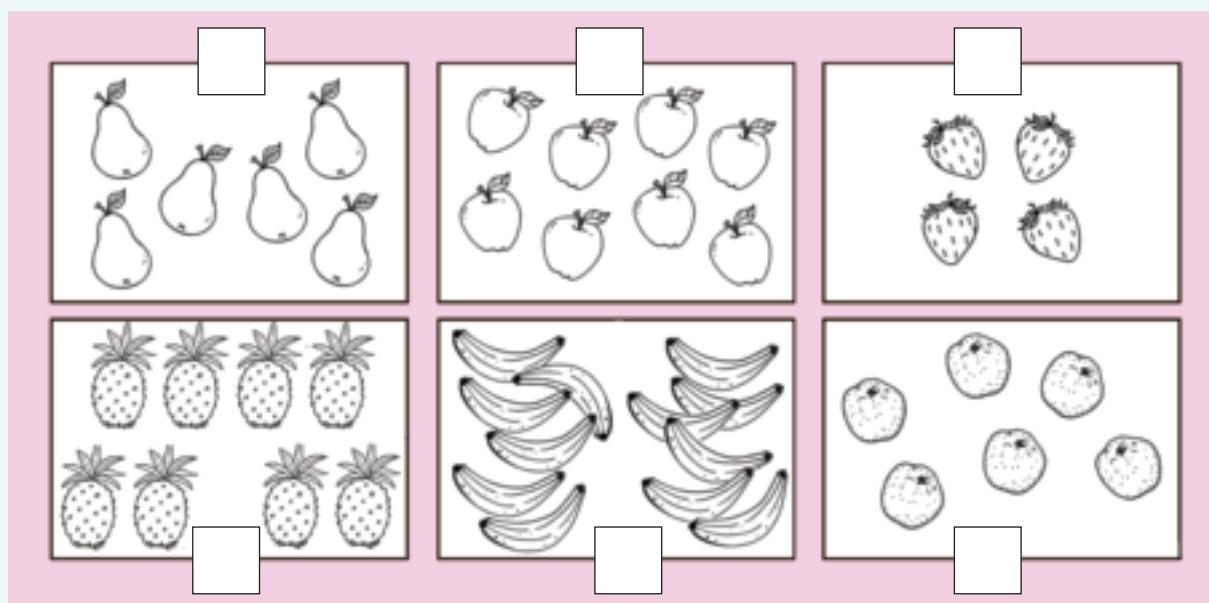
Letsatsi:

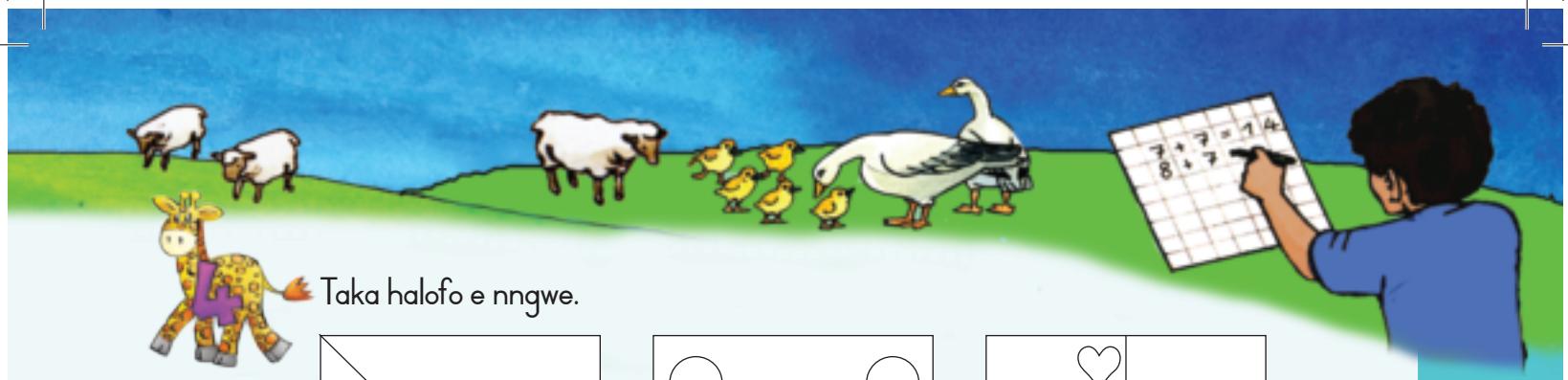


Halofe e nngwe ya diapole tse sefateng ke. .

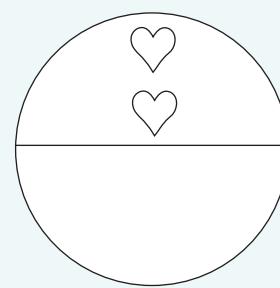
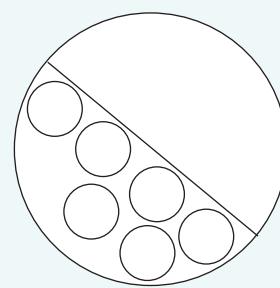
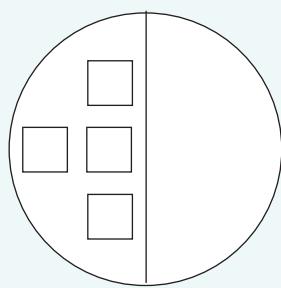
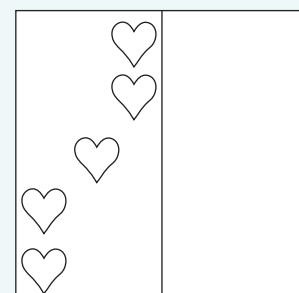
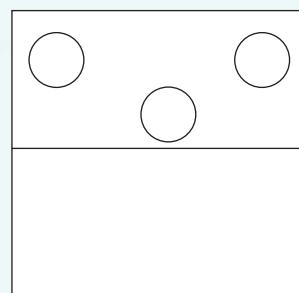
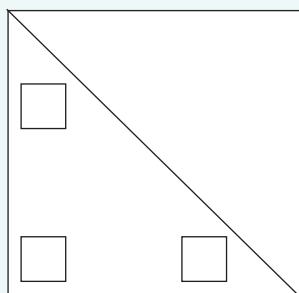


Tlotsa halofe ya tholwana ka mmala sehlopheng ka seng.
Ke eng halofe ya palo ya tholwana sehlopheng se seng?

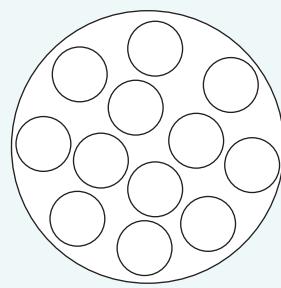
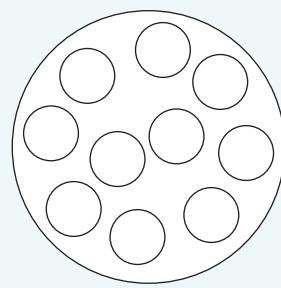
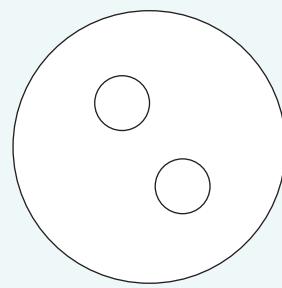
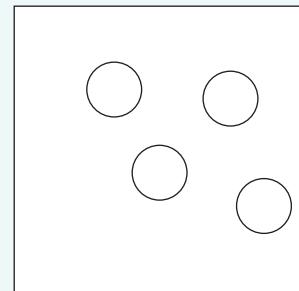
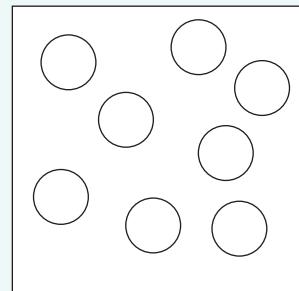
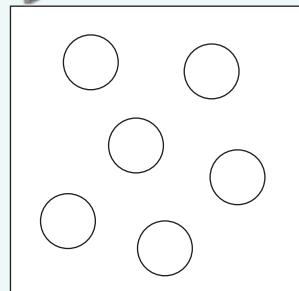




Taka halofo e nngwe.



Tlotsa halofo ya dibopeho ka mmala.



halofo halofo halofo



92



Boemo le diponahalo

Letsatsi:

Kotara 3

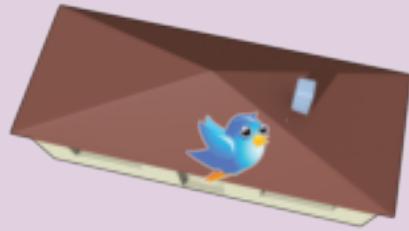
Nonyana e eme kae? Mantswe a tla o thusa.



Ponahalo ya ka pele ya moaho.



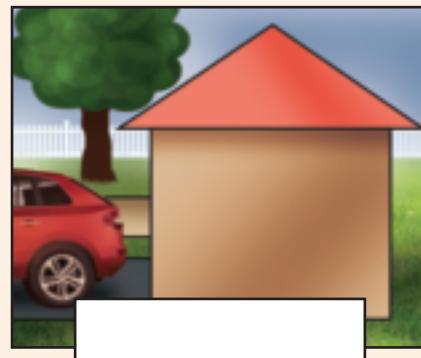
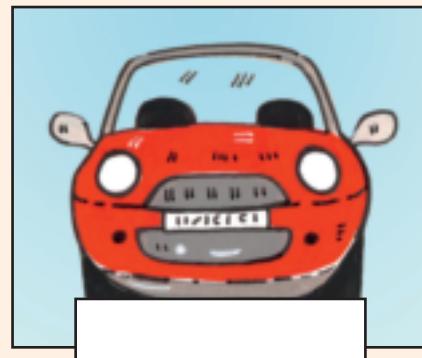
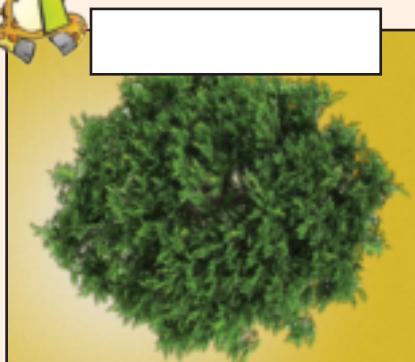
Ponahalo ya ka lehlakoreng
ya moaho.



Ponahalo ya ka hodimo
ya moaho.



Motho enwa o ne a eme kae ha ba bona sena?

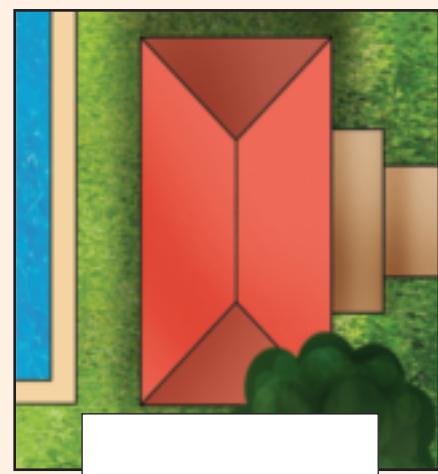
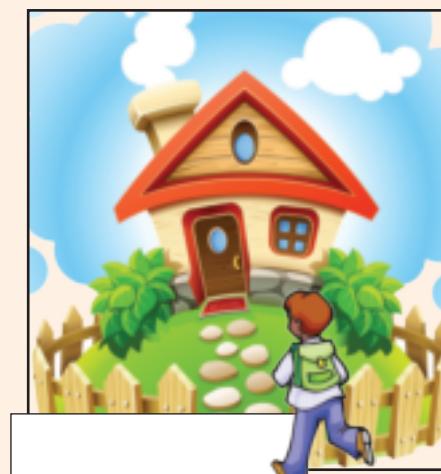
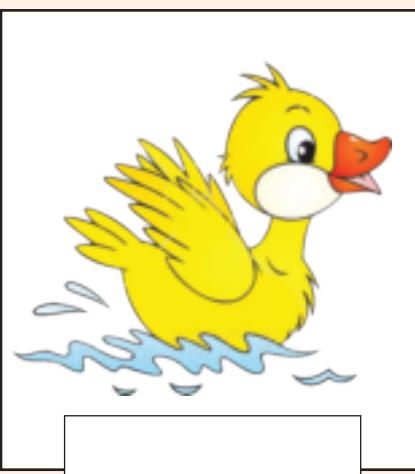


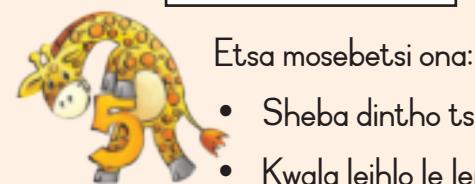
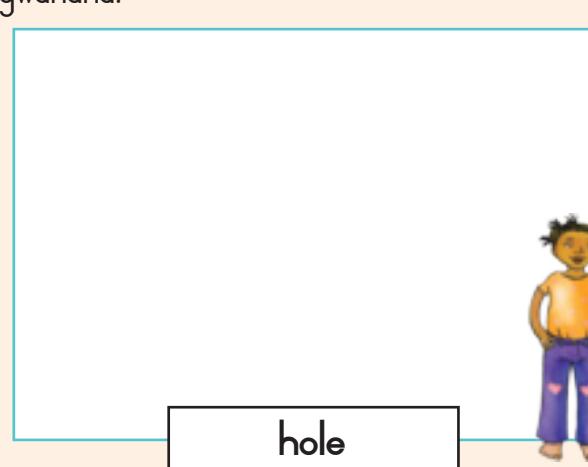
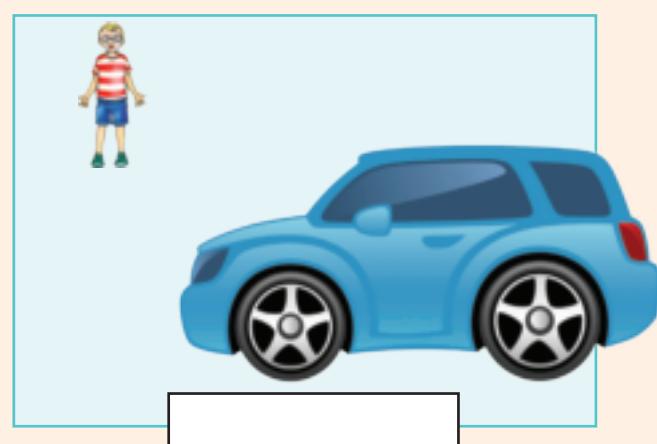
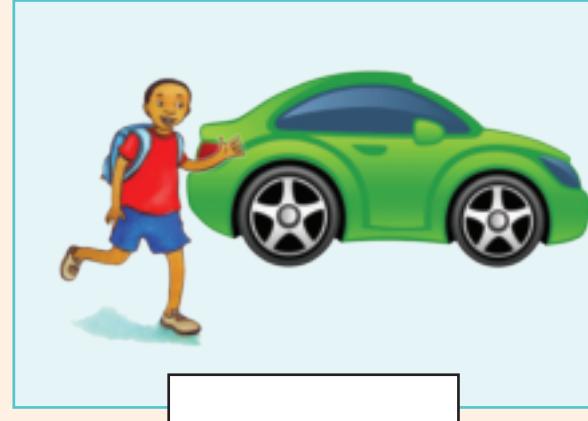
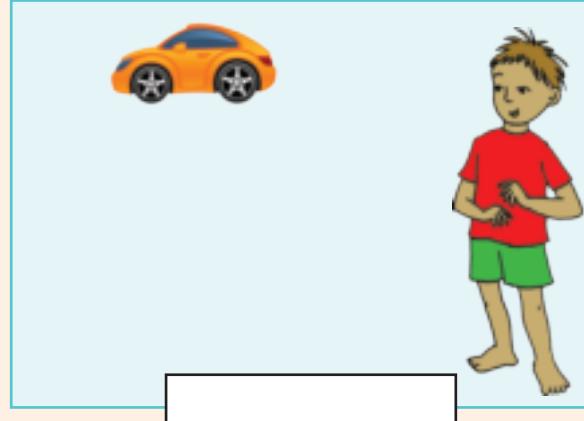
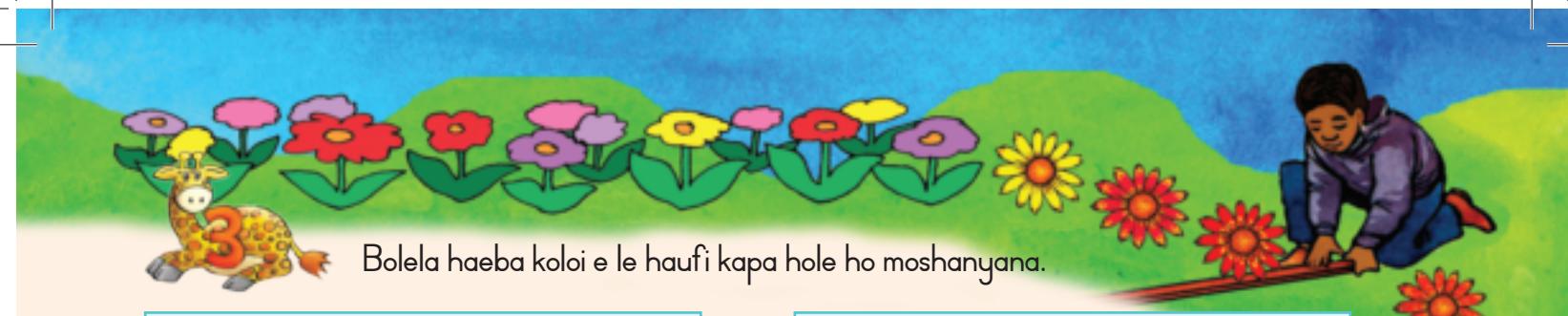
Ngola mantswe ana setshwantshong. Motho o bona eng?

ponahalo ya ka pele

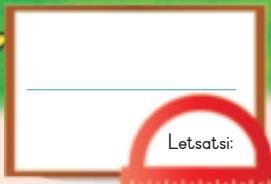
ponahalo ya ka hodimo

Ponahalo ya ka lehlakoreng





93

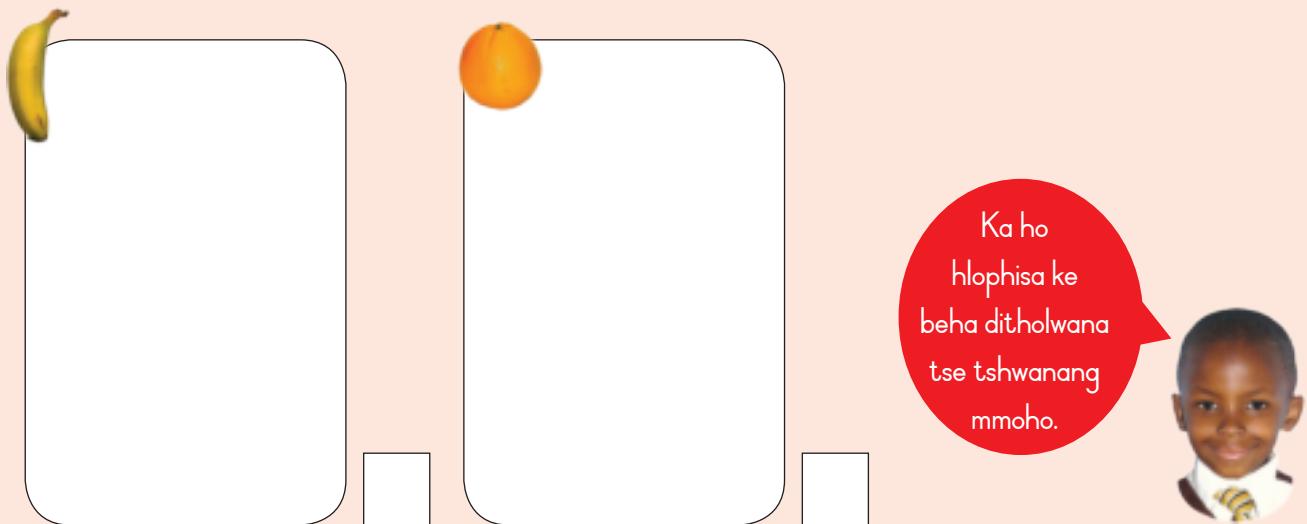
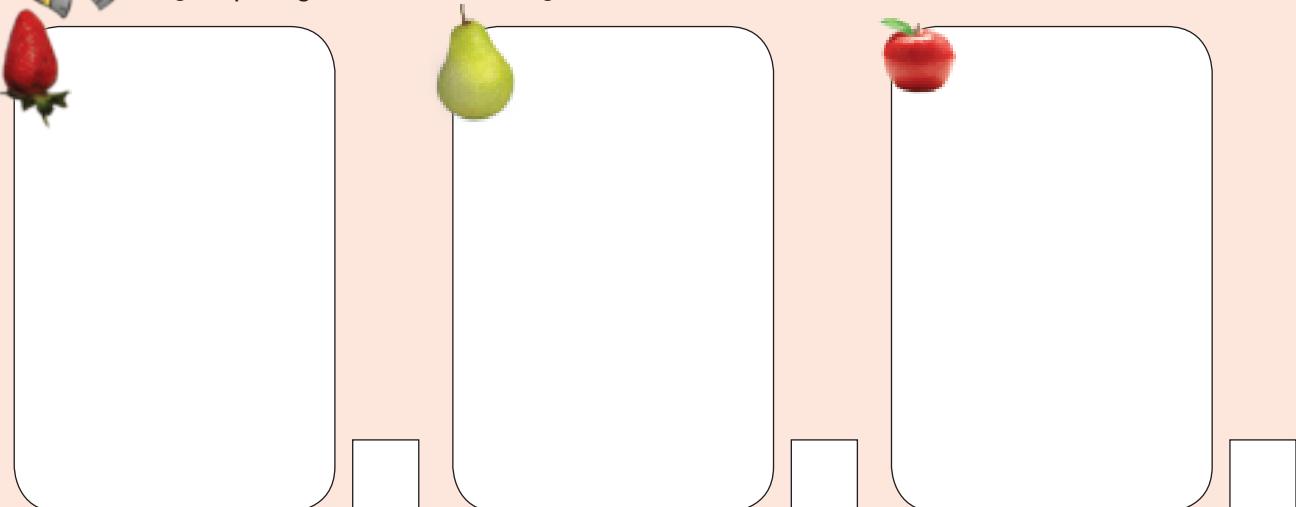


Pokello ka bongata

Kotara 3



Hlophisa ditholwana. Etsa setshwantsho ho bontsha sena.
Ngola palo yohle ka lebokoseng.





Taka sethwantsho sa ditholwana tse hlophisitsweng.

SENOTLOLO



| | | | | |
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Sebedisa tsebiso e sethwantshong se ka hodimo mme o qetelle kerafo ena.

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Araba dipotso:

Ke tholwana efe e ngata
haholo?

Ke tholwana efe e ngata
haholo?



11

12

13

14

15

16

17

18

19

20

94a

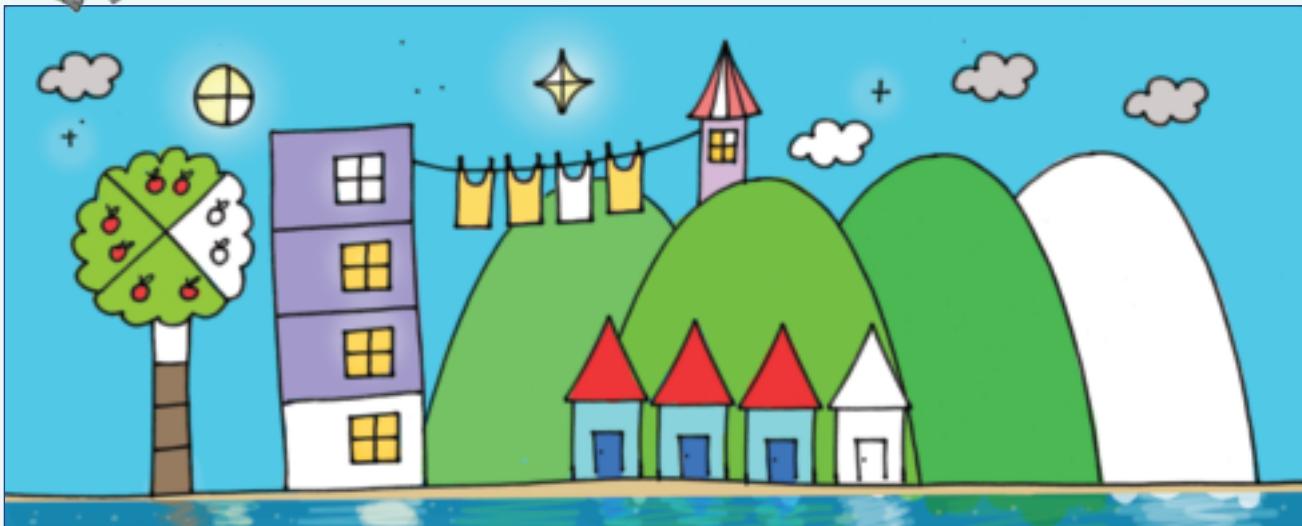


Dikarolwana – dikotara

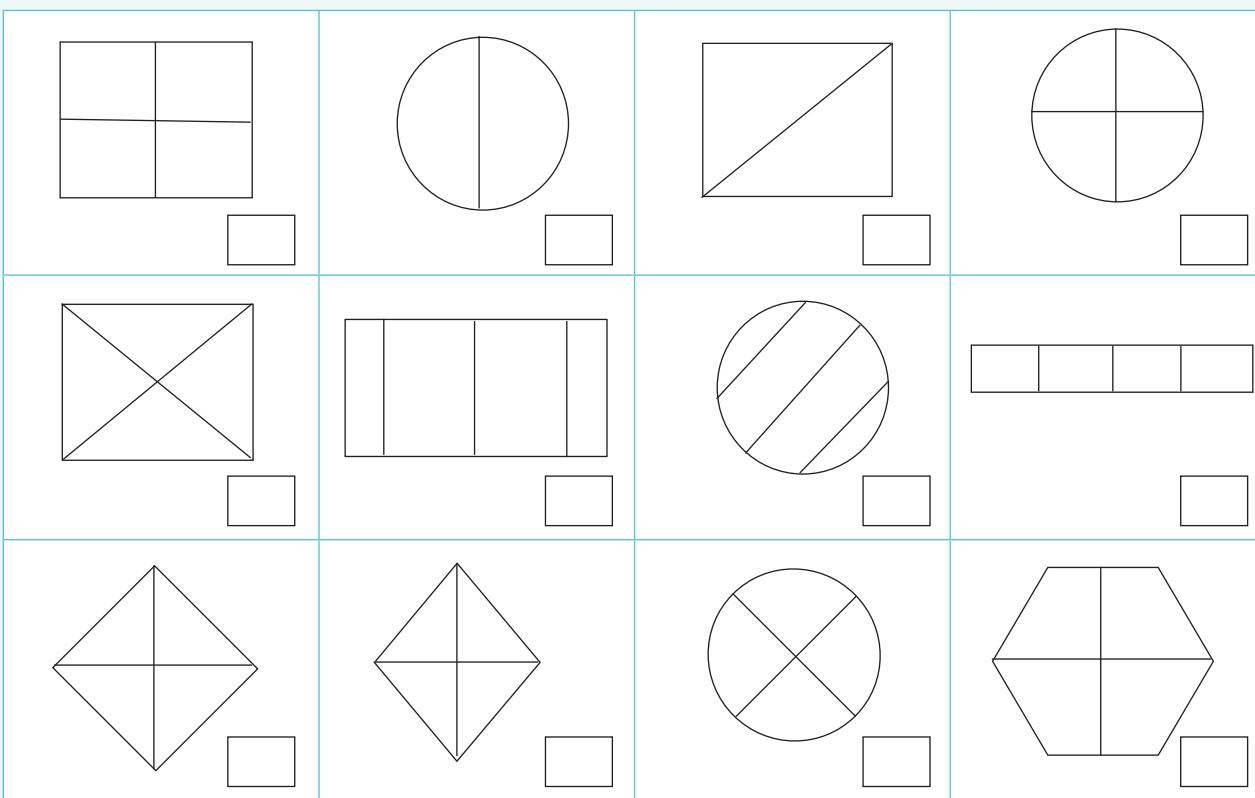
Kotara 3



Tlotsa kotara ya ho qetela ka mmala o tshwanang.

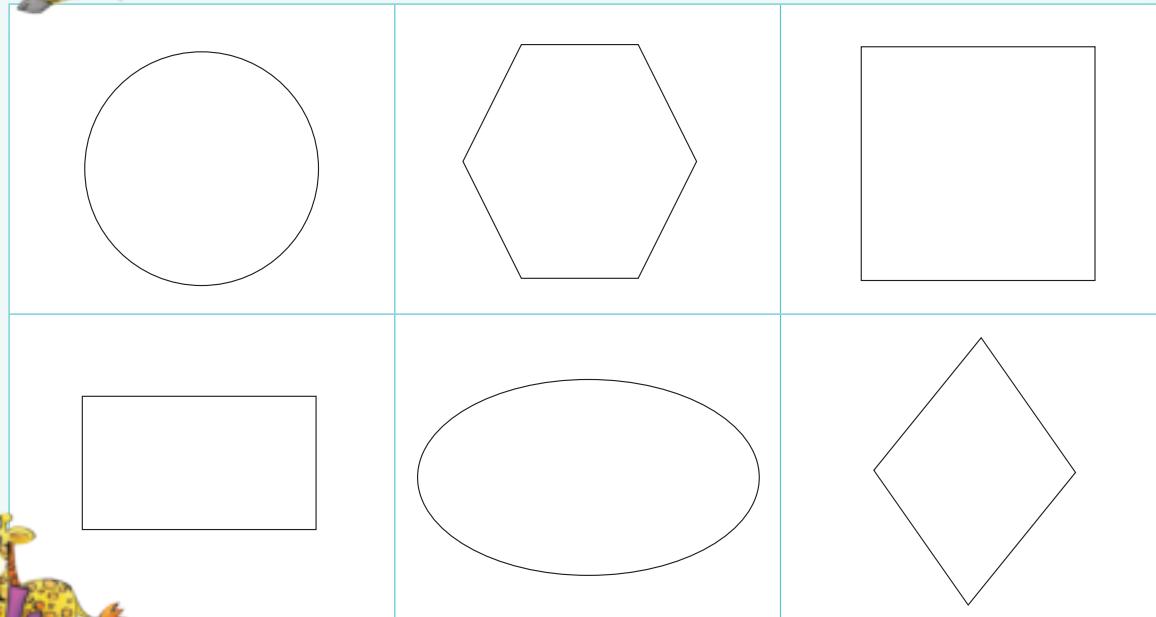


Tshwaya dibopeho tse bontshang dikotara. Tlotsa ka mmala kotara ya sebopetho e arotsweng dikotara.

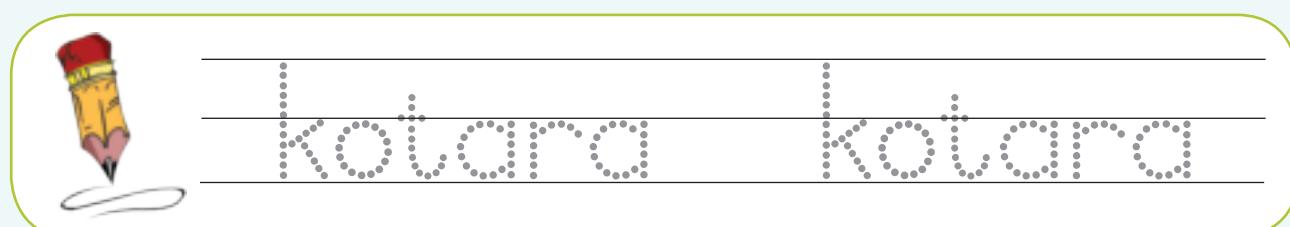
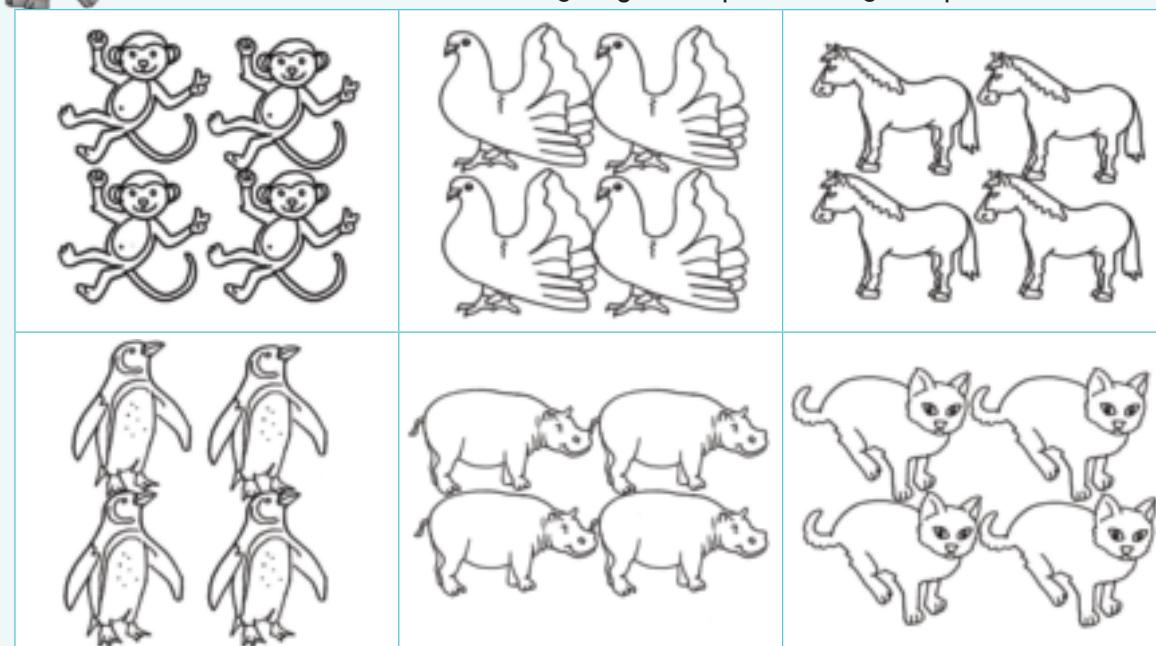




Tlotso ka mmala kotara e le nngwe ya sebopheho ka seng.



Tlotso ka mmala kotara e le e nngwe ya sehlopha ka seng sa diphoofolo.

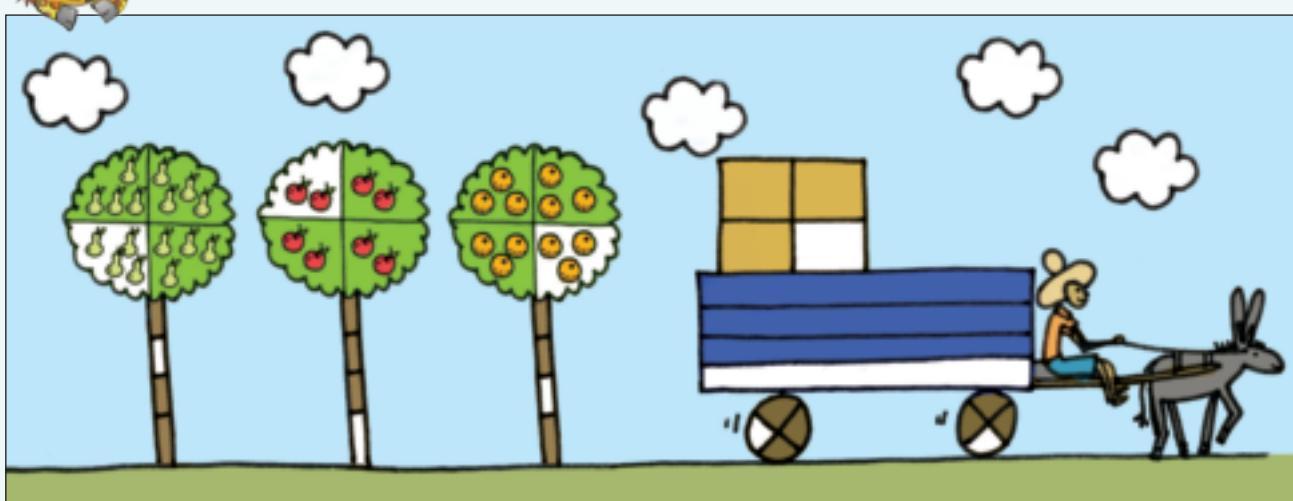


94b

Dikarolwana – dikotara tse ngata

Tlotsa kotara ya ho qetela ka mmala o tshwanang.

Kotara 3



Araba tse latelang:

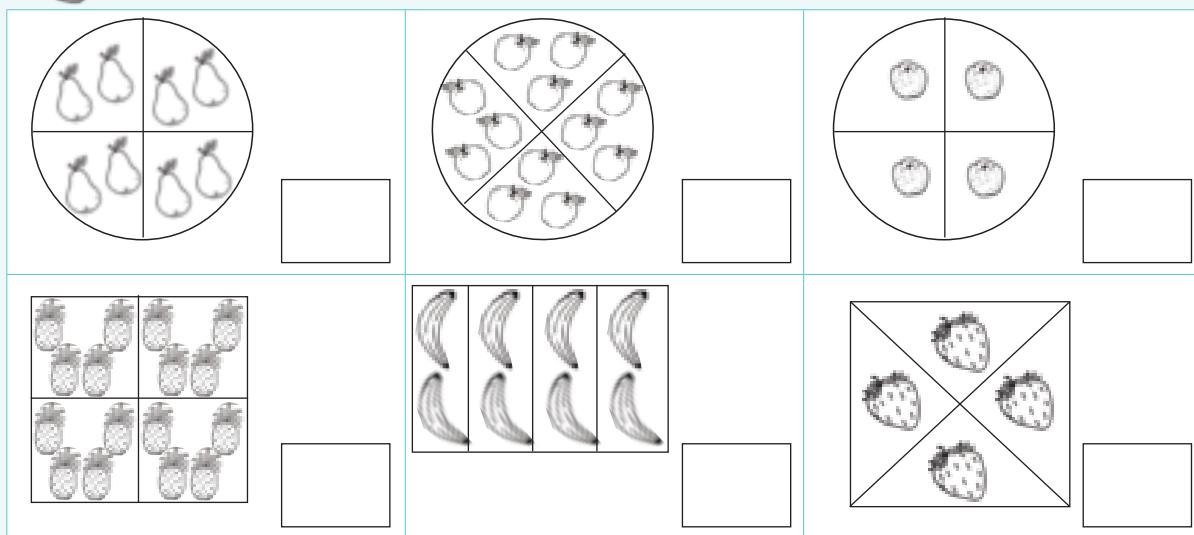
Kotara e le nngwe ya dipere tse sefateng ke _____.

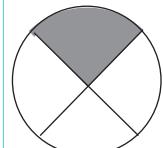
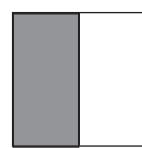
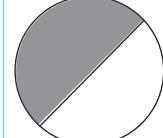
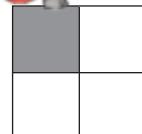
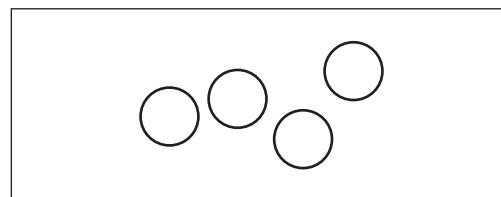
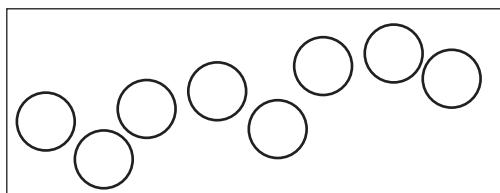
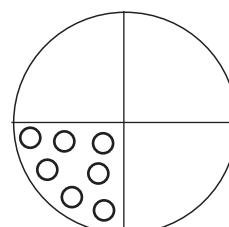
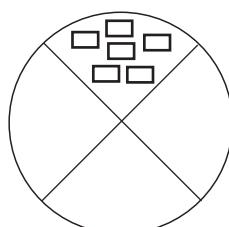
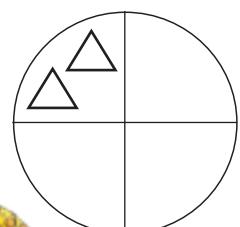
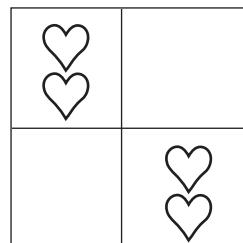
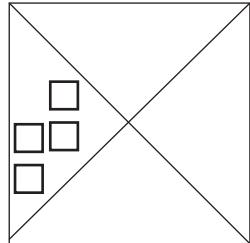
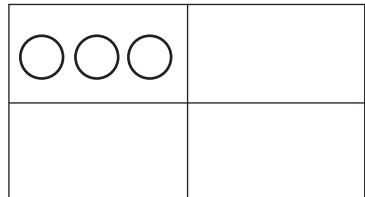
Kotare e le nngwe ya diapole tse sefateng ke _____.

Kotare e le nngwe ya dilamunu tse sefateng ke _____.



Tlotsa ka mmala kotara ya tholwana seholopheng ka seng. Ke palo e kae ya dikotara tsa ditholwana seholopheng ka seng?





Halofo e
le nngwe



Kotare e le
nngwe



kotara dikotara



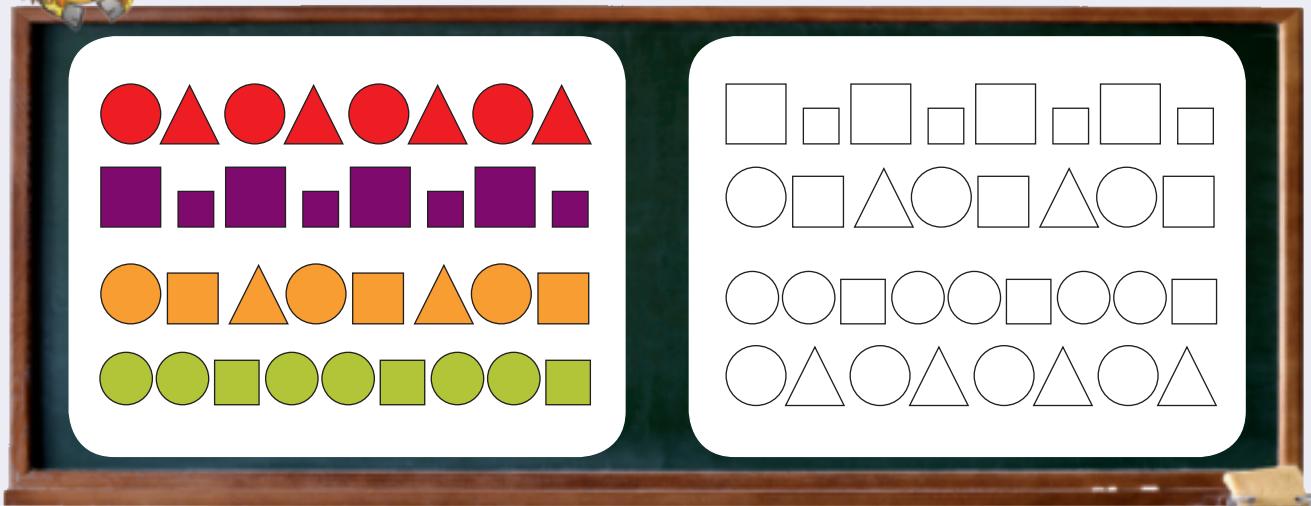
95

Dipaterone tsa Jeometeri

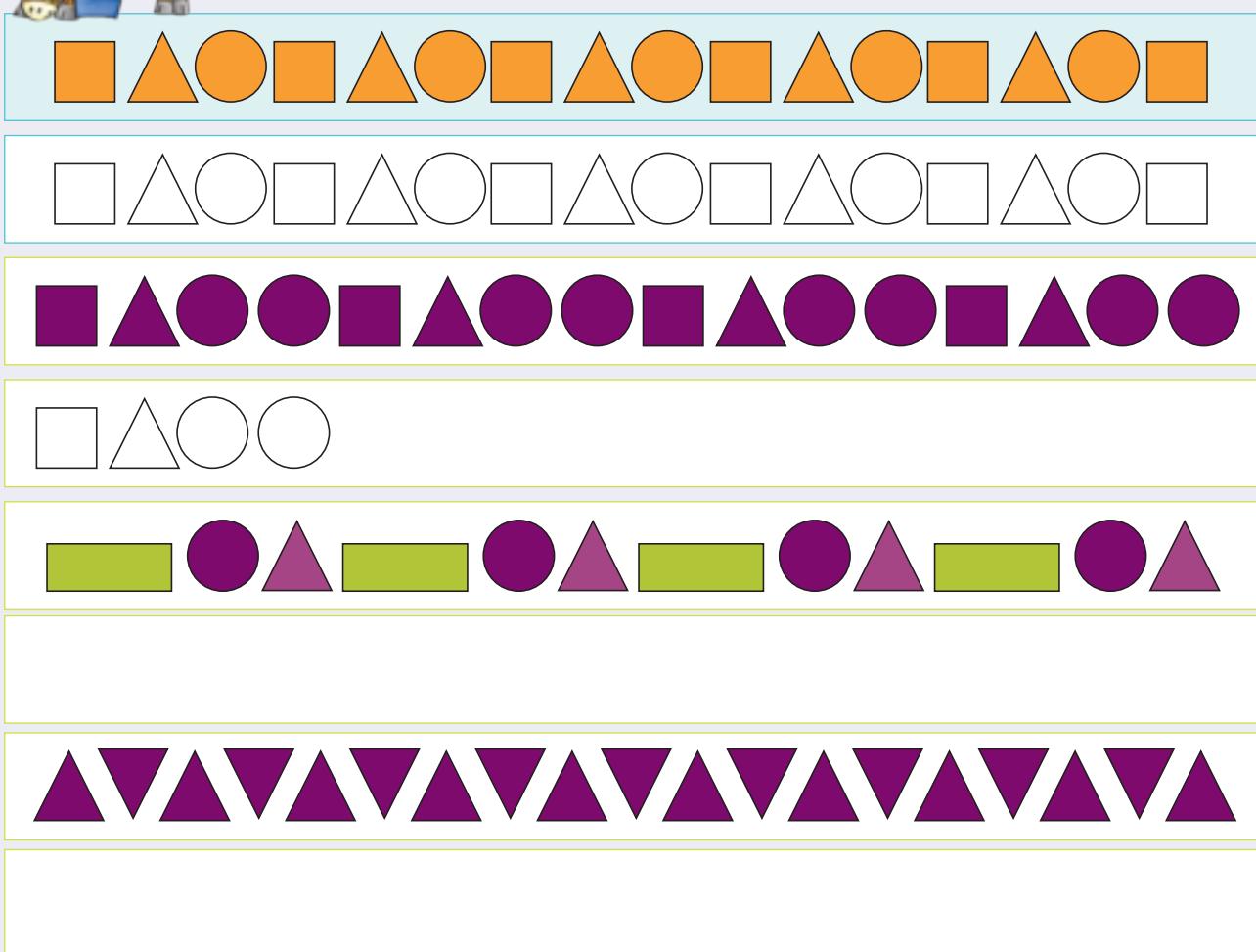
Nyalanya paterone.

Letsatsi:

Kotara 3



Kopisa paterone e latelang.





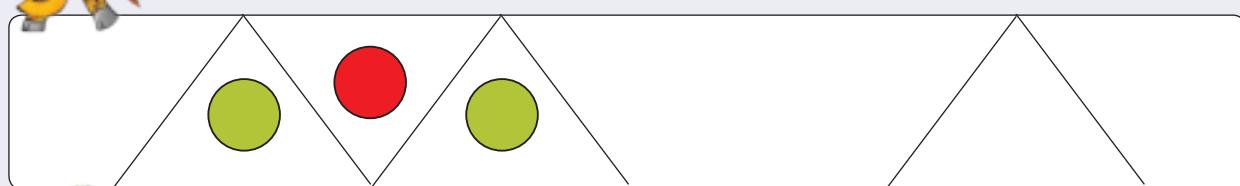
Tlotsa paterone e latelang ka mmala.



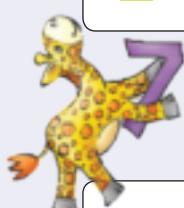
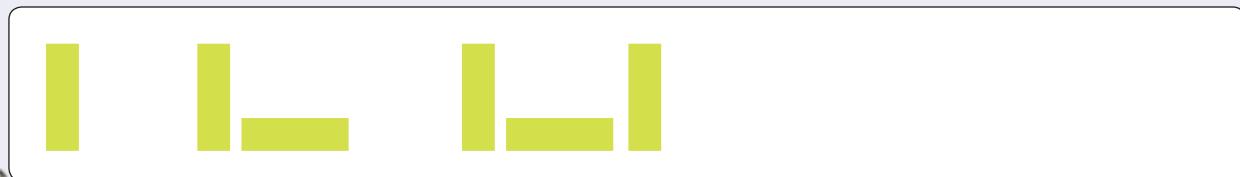
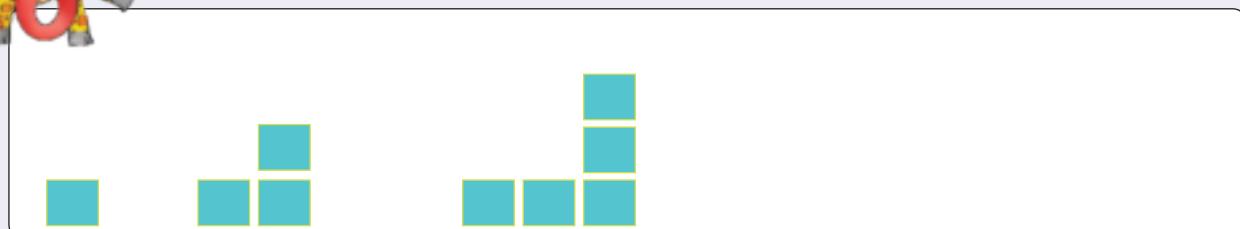
Taka paterone e latelang.



Atolosa paterone.



Etsa paterone e latelang.

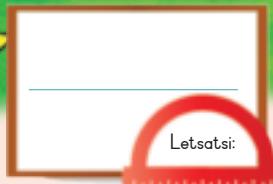


Taka paterone eo e leng ya hao.



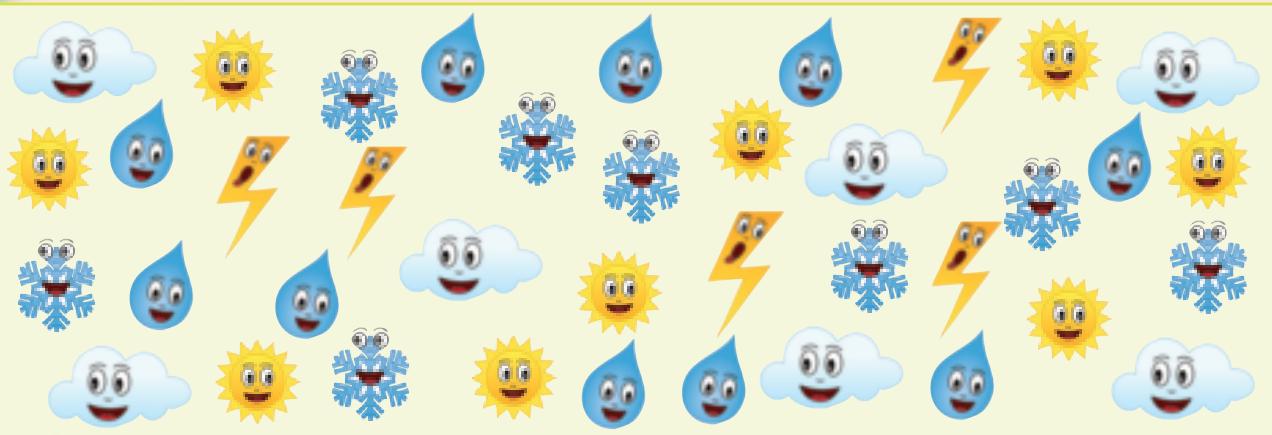
Teacher:
Sign:
Date:

qb

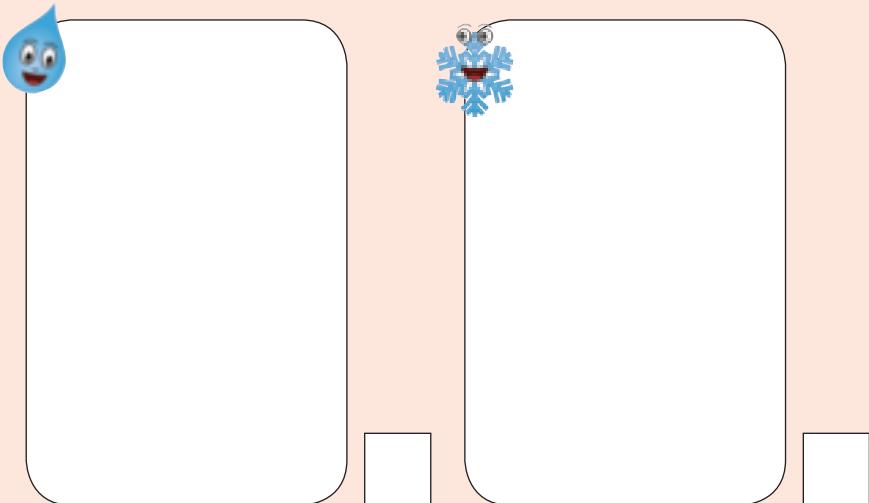
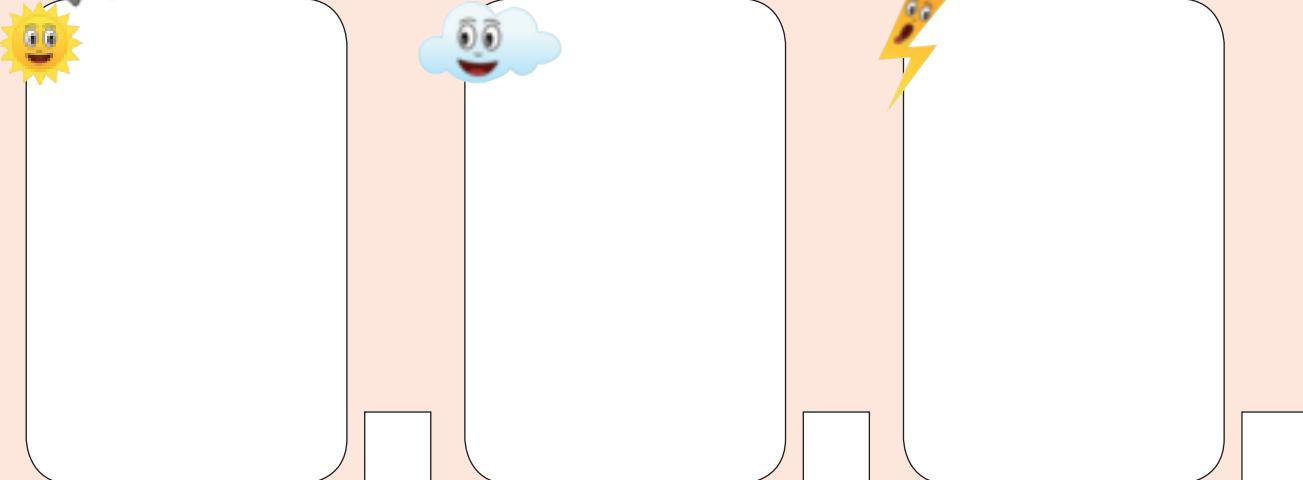


Hlophisa ka pokello

Kotara 3



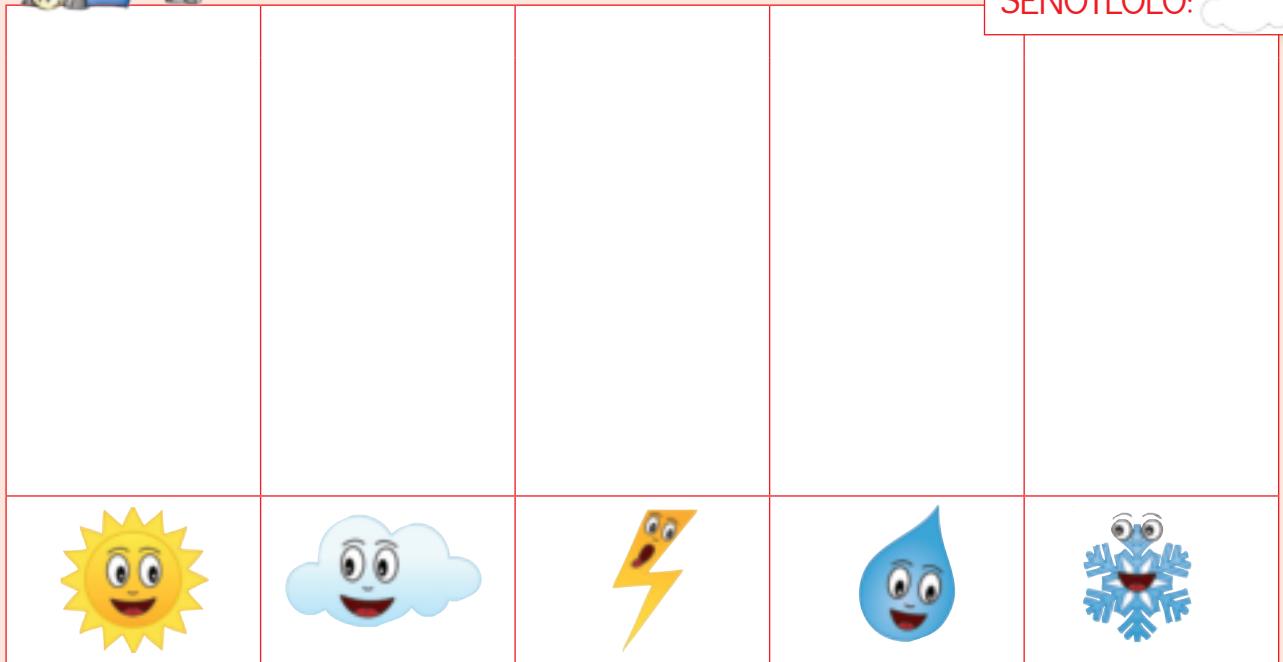
Hlophisa dintlho tse amanag le boemo ba lehodimo. Iketssetse setshwantsho sa hao.
Ngola palo yohle ka hara lebokose.





Taka setshwantsho se sebedisitsweng ho
hlophisa boemo ba lehodimo.

SENOTLOLO:



Sebedisa setshwantsho se ka hodimo mme o qetele kerafo e ka tlaase. Jwale
araba dipotso tse latelang.



Na re bile le matsatsi a
mangata ho hlakile kapa a
mangata ho thibile?

Ha o nahana ke nako efe ya
selemo?

Hobaneng?

Na maemo ana a tshwana
diporofenseng tsohle?



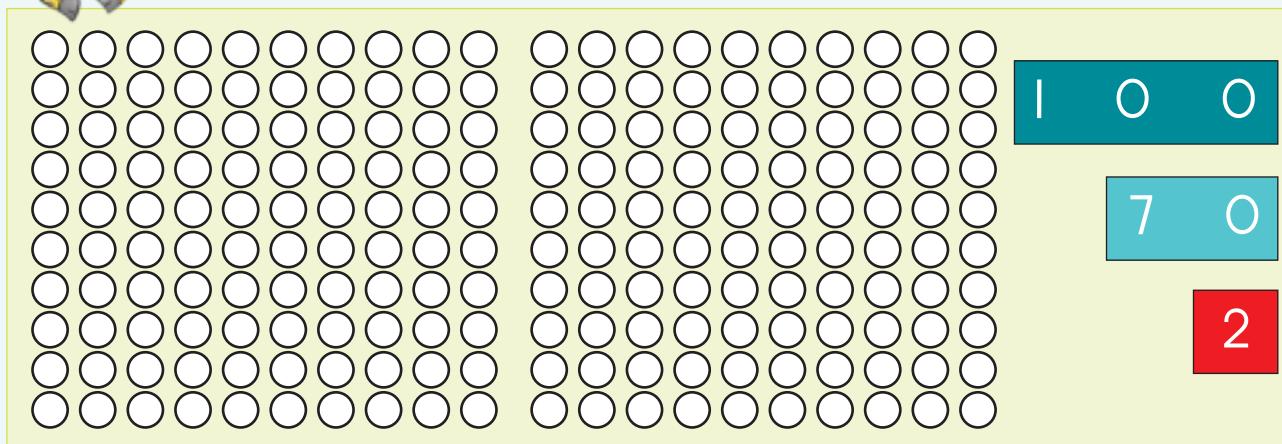
97



Tlotsa didikadikwe tse 172 ka mmala.



Dipalo 150 – 180



Ngola palopolelo ya:

$$\begin{array}{r} 1 \ 0 \ 0 \\ + 5 \ 0 \\ \hline 158 \end{array}$$

$100 + 50 + 8$



$$\begin{array}{r} 1 \ 0 \ 0 \\ + 5 \ 0 \\ \hline \end{array}$$

$=$

$$\begin{array}{r} 1 \ 0 \ 0 \\ + 7 \ 0 \\ \hline 170 \end{array}$$

$=$

$$\begin{array}{r} 1 \ 0 \ 0 \\ + 5 \ 0 \\ \hline = \end{array}$$

$$\begin{array}{r} 1 \ 0 \ 0 \\ + 6 \ 0 \\ \hline = \end{array}$$

$$\begin{array}{r} 1 \ 0 \ 0 \\ + 5 \\ \hline = \end{array}$$



Ke dipalo dife tse hlhang dipakeng tsa:

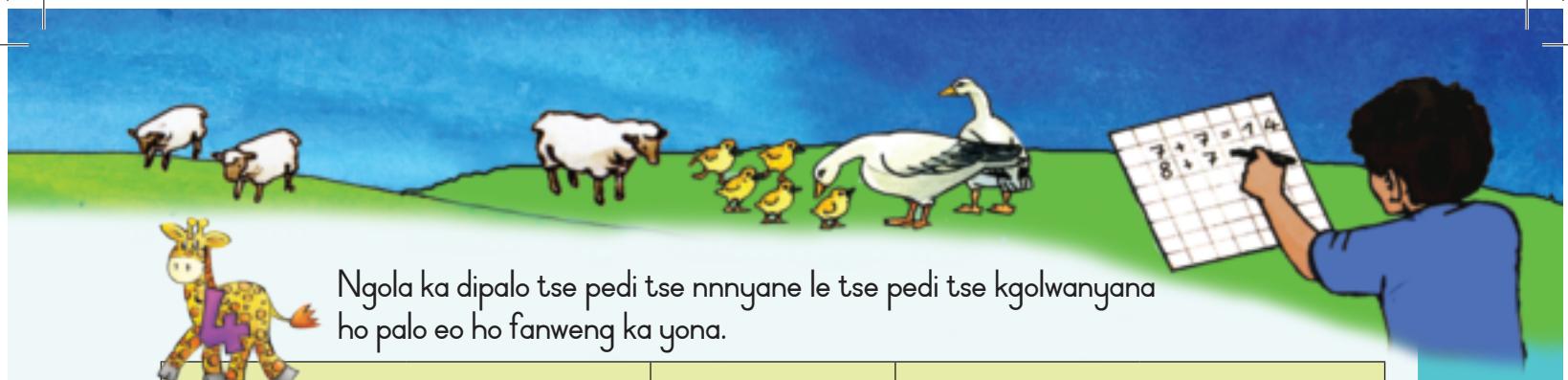
$$150 \text{ le } 158$$

$$172 \text{ le } 177$$

$$180 \text{ le } 175$$

$$160 \text{ le } 155$$

$$165 \text{ le } 160$$

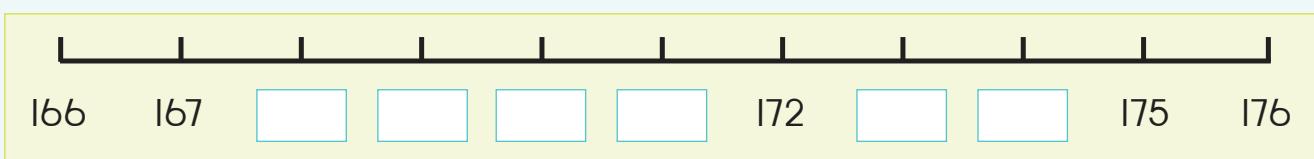
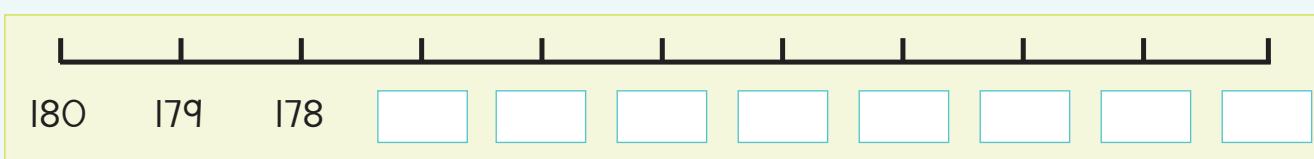
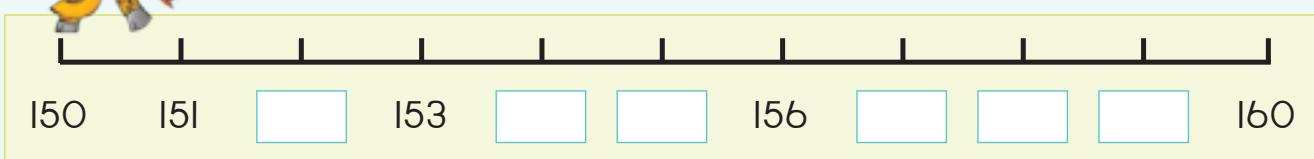


Ngola ka dipalo tse pedi tse nnnyanne le tse pedi tse kgolwanyana
ho palo eo ho fanweng ka yona.

| E nnnyanne | Palo | E kgolwanyana |
|------------|------|---------------|
| | 157 | |
| | 165 | |
| | 178 | |
| | 161 | |
| | 174 | |



Qetella melapalo ena.

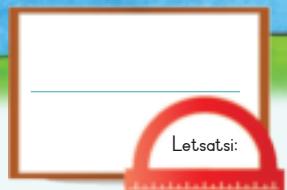


Seha dinomoro tse tharo pakeng tsa 150 le 180 makasineng kapa koranteng.
Dikgomaretse mona ka lenaneo ho tloha ho e kgolo ho ya ho e nnnyanne.



Teacher: _____
Sign: _____
Date: _____

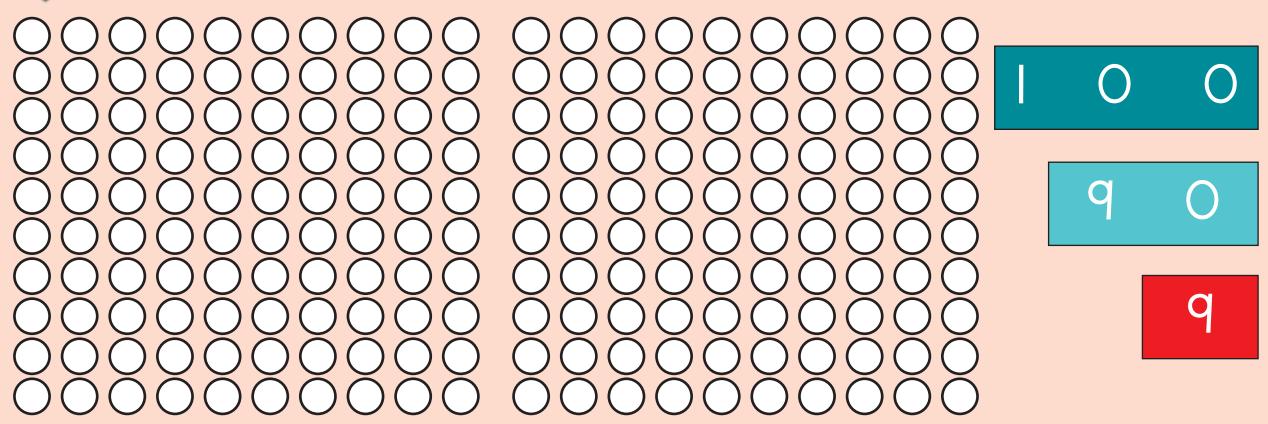
q8



Palo |70 – 200

Tlotsa didikadikwe tse |99 ka mmala.

Kotara 4



Ngola palo ya:

| | | |
|--------------------------|--|--|
| $100 + 70 + 7 = 177$ | | |
| | | |



Ke dinomoro dife tse tleng pakeng tsa:

|70 le |75 _____

|98 le |95 _____

|80 le |75 _____

|68 le |73 _____

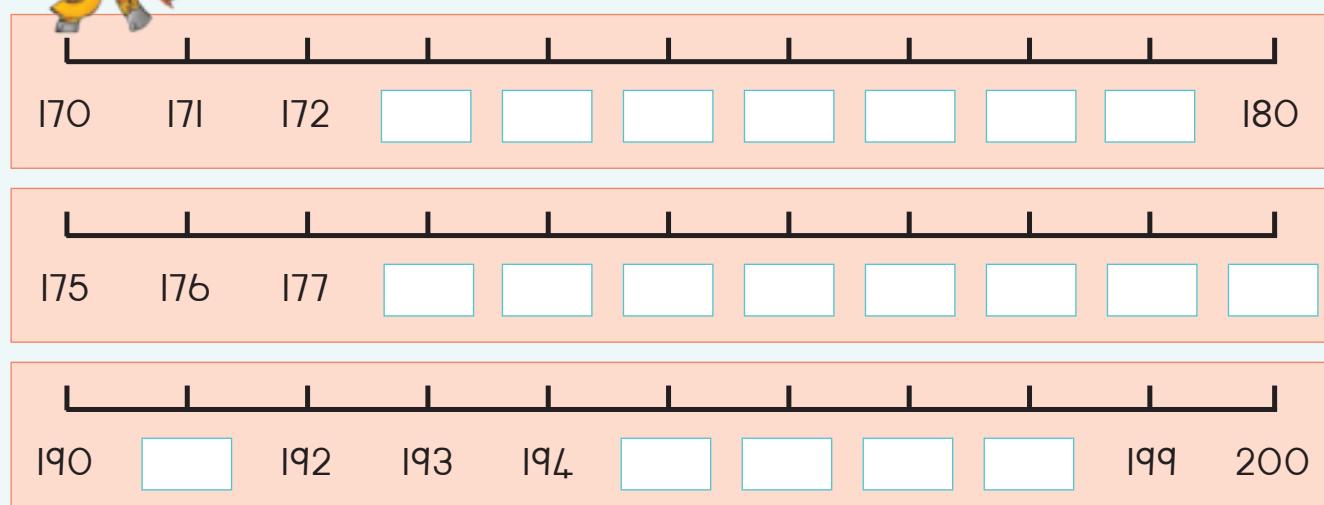
200 le |96 _____



| E nnnyanane | Palo | E kgolwanyana |
|-------------|------|---------------|
| | 170 | |
| | 198 | |
| | 185 | |
| | 174 | |
| | 181 | |



Qetella melapalo ena.

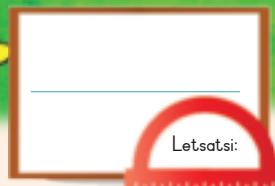


Seha dinomoro tse tharo pakeng tsa 170 le 200 makasineng le kapa koranteng.
Dikgomaretse mona ka lenaneo ho tloha ho e kgolo ho ya ho e nnnyanane.



Teacher: _____
Sign: _____
Date: _____

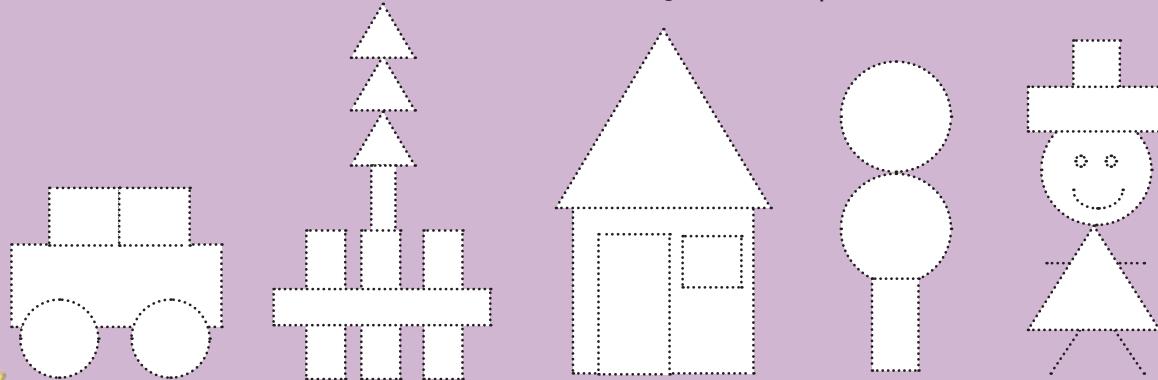
qq



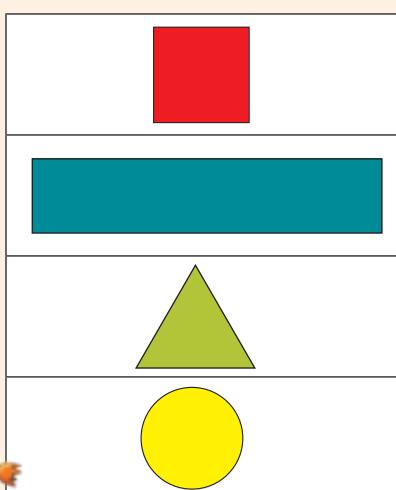
Kotara 4

Dibopeho tsa 2-D

Tereisa dibopeho tsohle. Tlotsa didikadikwe tsohle ka mmala o mokgubedu, dikgutloharo ka mmala o motala, dikwere ka mmala o mosehla le dikgutlonnetsepa ka mmala o bolou.



Lekanya lentswe le sebopetho.



kgutloharo

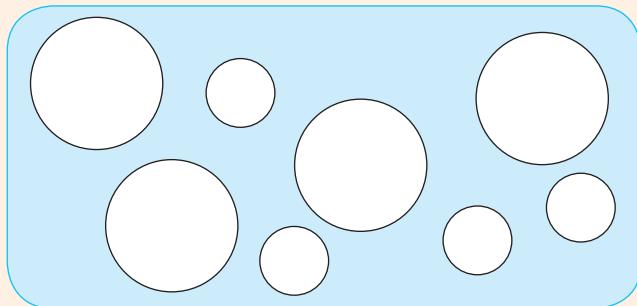
sedikadikwe

sekwere

kgutlonnetsepa

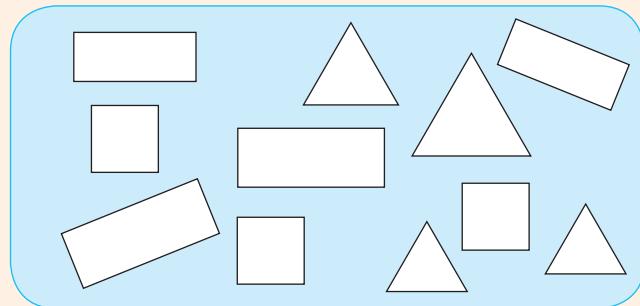
Mmala:

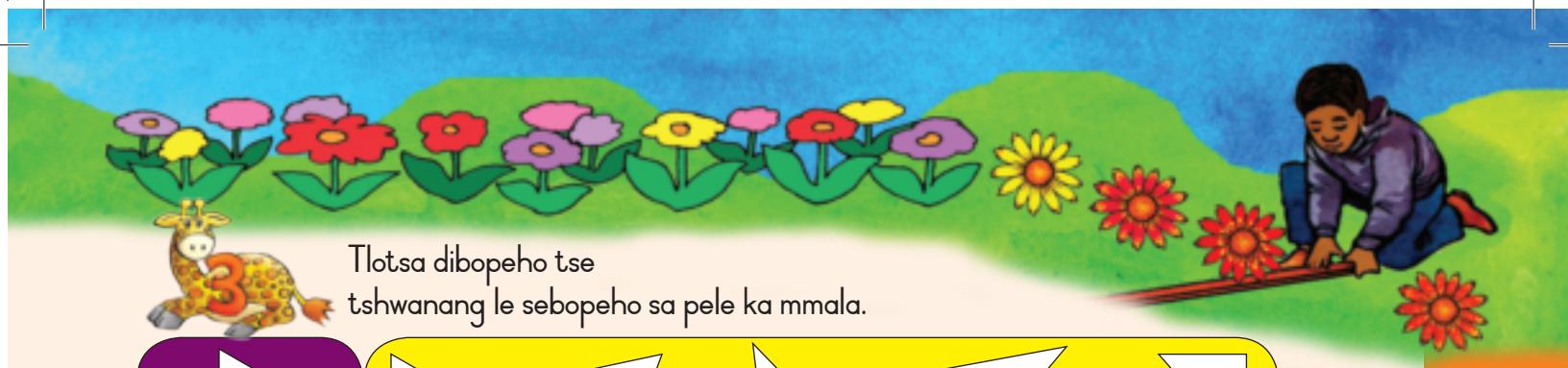
- Didikadikwe tse kgolo ka mmala o mokgubedu.
- Didikadikwe tse nnyane ka mmala o mosehla.



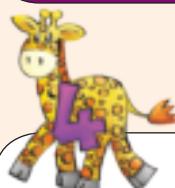
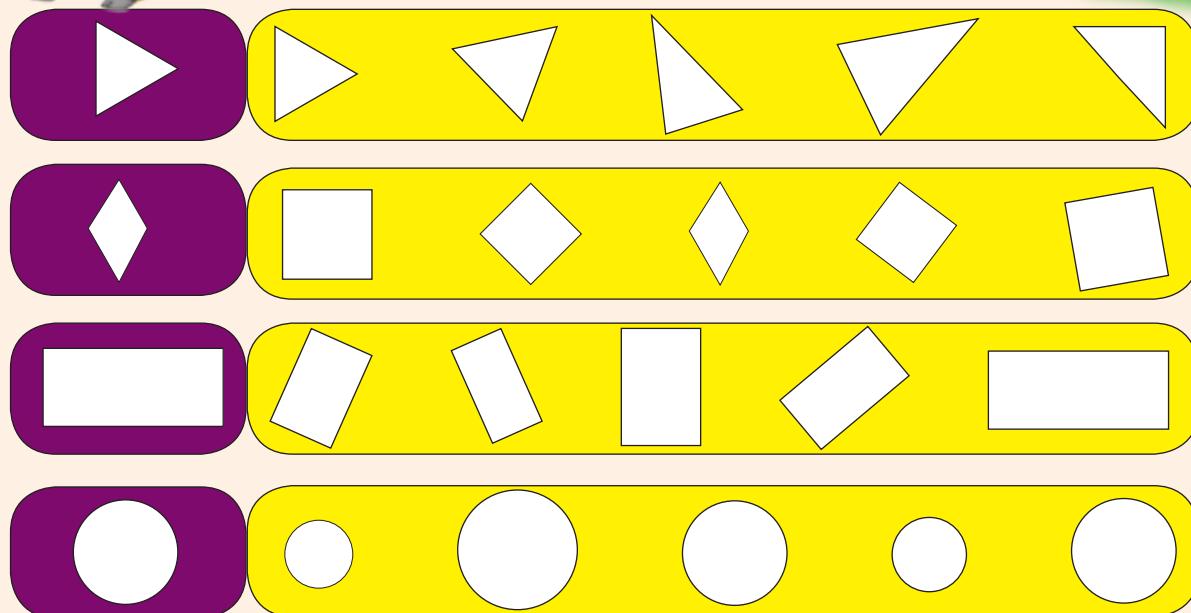
Mmala:

- Dikgutlonne tsepa tse kgolo ka mmala o mokgubedu.
- Dikgutlonne tsepa tse nnyane ka mmala o mosehla.





Tlotsa dibopeho tse
tshwanang le sebopetho sa pele ka mmala.



Ikisetse setshwantsho o sebedisa dikwere, dikgutlonnetsepa, dikgutlotharo,
le didikadikwe.

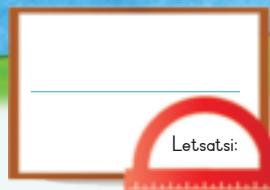


Seha ho tswa koranteng ya kgale mme o ikisetse dikwere, dikgutlonnetsepa, didikadikwe le
dikgutlotharo.



Teacher:
Sign:
Date:

100



Dipalo 0 – 200

Kotara 4

O ka etsa dipalo tse kae tse fapaneng?

100

40

2

q

50

100

100

20

1

70

8



Qetella tse latelang.

100

40

100

70

100

20

$100 + 40 + q = \boxed{}$

$100 + 70 + 3 = \boxed{}$

$100 + 20 + 8 = \boxed{}$

100

10

100

90

100

8

$100 + 10 + 7 = \boxed{}$

$100 + 90 + 2 = \boxed{}$



Tlatsa mabokose a se nang letho ka ho sebedisa makgolo, mashome le metso ho qetella dipalo.

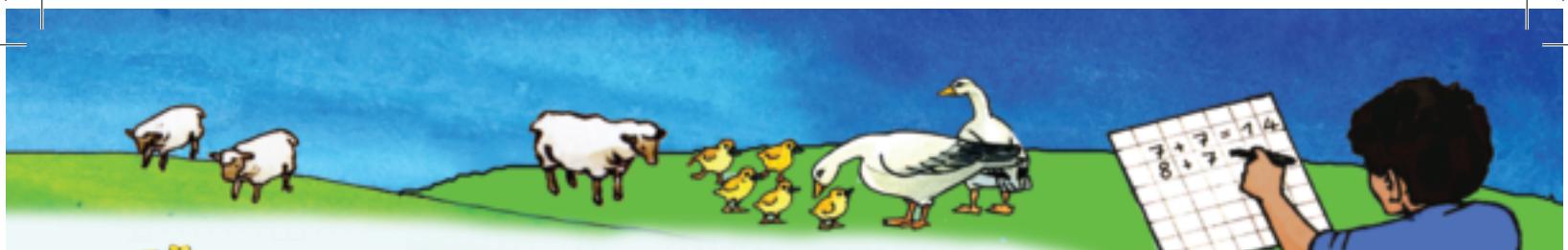
$181 = \boxed{} + \boxed{} + \boxed{}$

$144 = \boxed{} + \boxed{} + \boxed{}$

$135 = \boxed{} + \boxed{} + \boxed{}$

$156 = \boxed{} + \boxed{} + \boxed{}$

$169 = \boxed{} + \boxed{} + \boxed{}$



Kopanya tse latelang:

$60 + 4 = \boxed{}$

$100 + 20 + 3 = \boxed{}$

$90 + 8 = \boxed{}$

$100 + 40 + 9 = \boxed{}$

$40 + 7 = \boxed{}$

$100 + 70 + 8 = \boxed{}$

$30 + 6 = \boxed{}$

$100 + 60 + 1 = \boxed{}$

$50 + 2 = \boxed{}$

$100 + 50 + 5 = \boxed{}$

Tlatsa ka palo e siilweng:

$70 + \boxed{} = 71$

$100 + \boxed{} + 3 = 153$

$30 + \boxed{} = 38$

$100 + \boxed{} + 9 = 169$

$60 + \boxed{} = 69$

$\boxed{} + 70 + 8 = 178$

$20 + \boxed{} = 24$

$100 + \boxed{} + 1 = 191$

$80 + \boxed{} = 85$

$100 + 50 + \boxed{} = 157$



Iketsetse dipalo ka ho sebedisa makgolo, mashome le metso.

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

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



Palo e kgolo ke efe? (K) Palo e nnyane ke efe? (N)

| | | |
|---|---|---|
| 5 | 0 | 9 |
| 1 | 0 | 0 |

| | | |
|---|---|---|
| 1 | 0 | 0 |
| 9 | 4 | 0 |

| | | |
|---|---|---|
| 4 | 5 | 0 |
| 1 | 0 | 0 |

Teacher:
Sign:
Date:

101

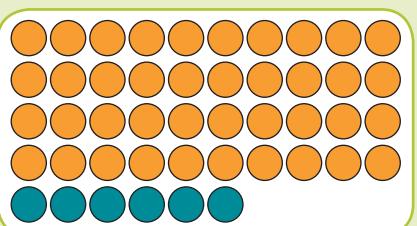
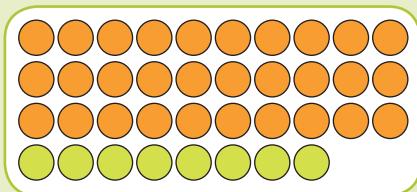


Ho kopanya le ho tlosa

Sheba boto ya dipalo le difaha. Bua ka tsona.

Kotara 4

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

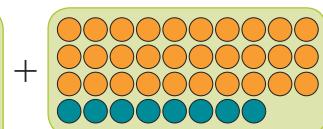
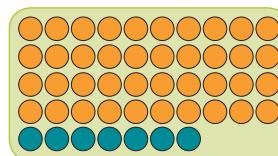


Kopanya kapa o tlose difaha.

| | |
|--|--|
| $ \begin{array}{r} 50 \quad 5 - 30 \quad 6 \\ = 40 + 15 - 30 - 6 \\ = 10 + 9 \\ = 19 \end{array} $ | $ \begin{array}{r} \quad \quad - \quad \quad \\ = \quad + \quad - \quad \\ = \quad + \quad \\ = \quad \end{array} $ |
| $ \begin{array}{r} \quad \quad + \quad \quad \\ = \quad + \quad + \quad \\ = \quad + \quad + \quad + \quad \\ = \quad + \quad \\ = \quad \end{array} $ | $ \begin{array}{r} \quad \quad + \quad \quad \\ = \quad + \quad + \quad \\ = \quad + \quad \\ = \quad \end{array} $ |

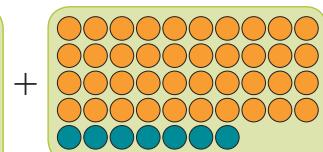
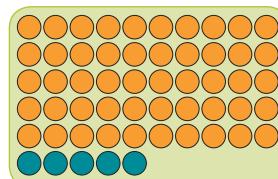


Lekanya mme o sebetse dipalo.



Lekanya

Sebetsa palo



Lekanya

Sebetsa palo



Sebetsa palo o sebedisa mokgwa oo o o tsebang wa tshebetso.

$53 + 39$

$92 - 48$



Kopanya 39 le 29.

Ha o tlosa 43 ho 19 ho sala bokae?

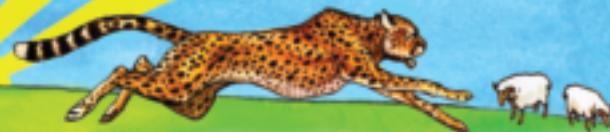
Tlosa 45 ho 74.

82 ha o tlosa 69 ho salang?



Teacher: _____
Sign: _____
Date: _____

102



Ho kopanya le ho ntsha hape

Sheba abakhase ka letsohong le letona le ka ho le letshehadi. O bona eng?

Kotara 4

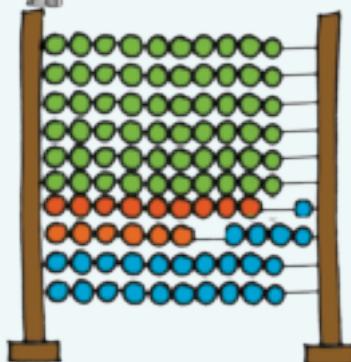
| | | | | | | |
|---|---|---|---|---|---|---|
| 2 | 0 | 8 | = | 6 | 0 | 5 |
| 3 | 0 | 7 | | | | |

Kopanya dipalo tse pedi.

E lekana le.

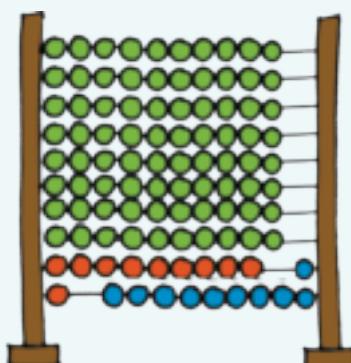


Ngola palo ya kopanya le ya tlosa. E sebetse.



Palo e kopanyang

Palo e tllosang

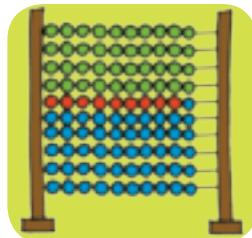


Palo e kopanyang

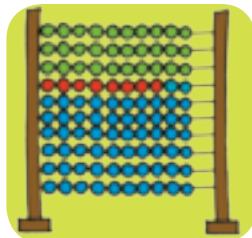
Palo e tllosang



Lekanya mme o sebetse palo.

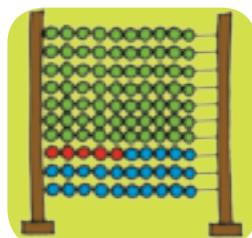


+

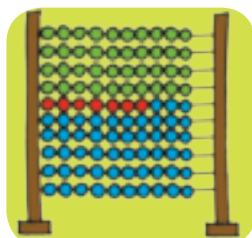


Lekanya

Sebetsa palo



-



Lekanya

Sebetsa palo



Sebetsa palo o sebedisa mokgwa oo o o tsebang.

$58 + 35$

$34 - 26$



Ha o kopanya 74 le 19 o fumana bokae?

Tlosa 34 ho 72.

46 kopanya le 27 o fumana bokae.

Ha o tlosa 81 ho 36 ho sala bokae.



Teacher: _____
Sign: _____
Date: _____

11

12

13

14

15

16

17

18

19

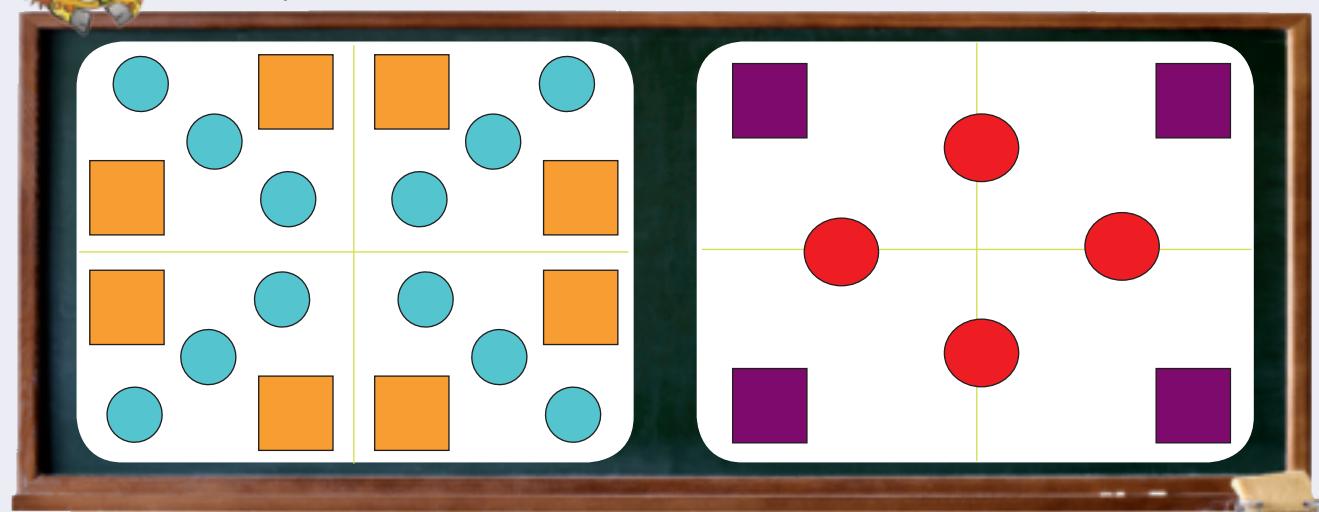
20

103

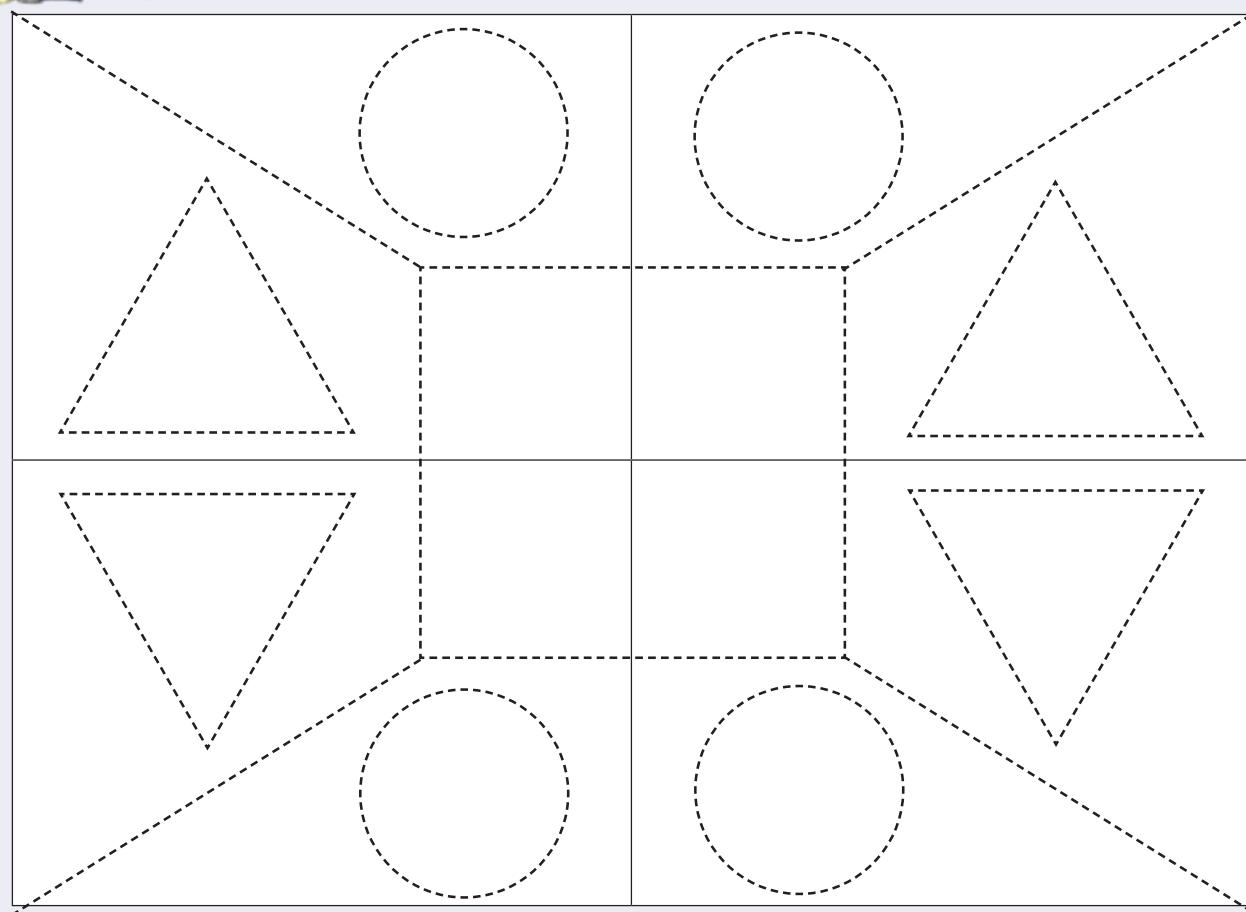
Dipaterone tsa dibopeho

Kotara 4

Hhalosa paterone.

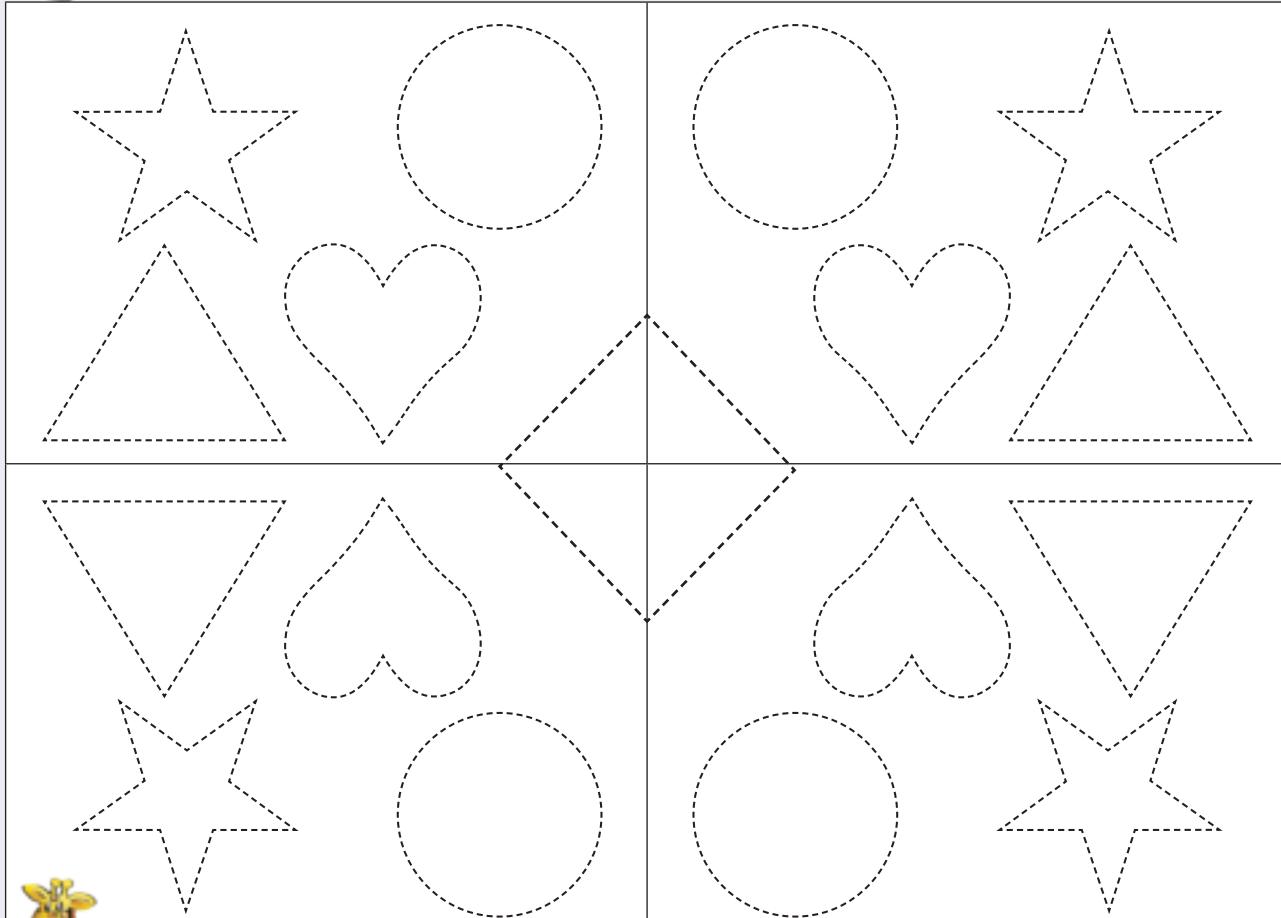


Tereisa paterone mme o e tlotsa ka mmala.





Tereisa paterone mme o e tlotse ka mmala.

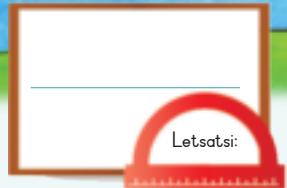


Ikisetse paterone ya hao o sebedisa dibopeho.



| |
|----------|
| Teacher: |
| Sign: |
| Date: |

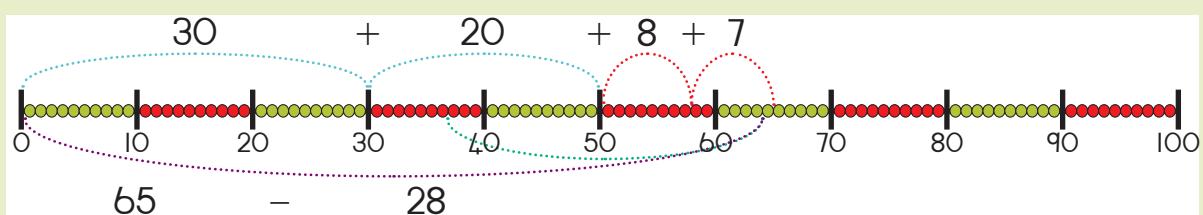
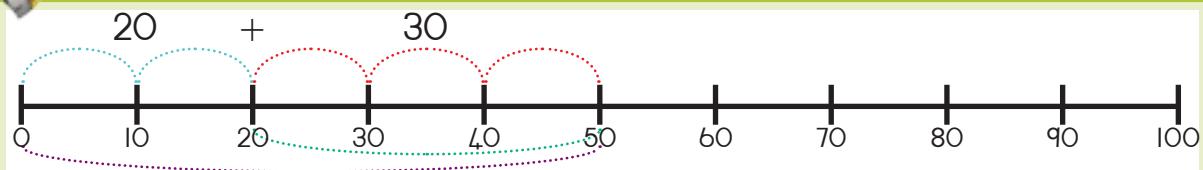
104



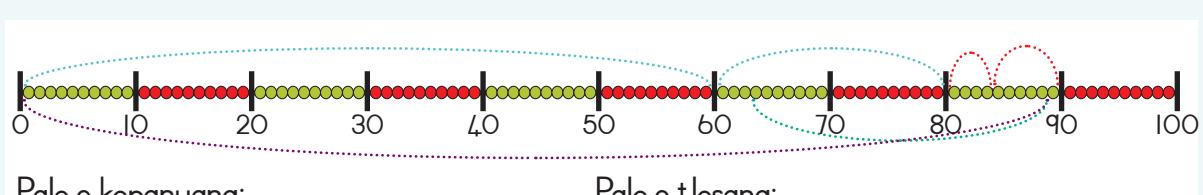
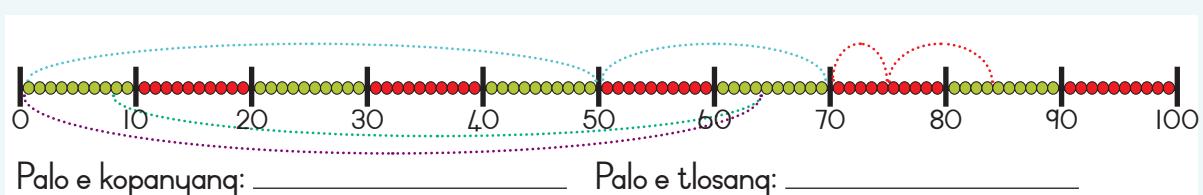
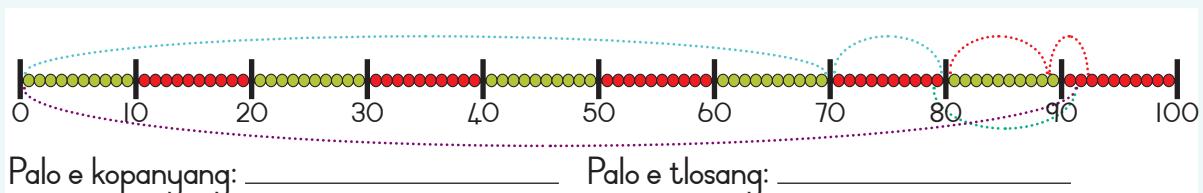
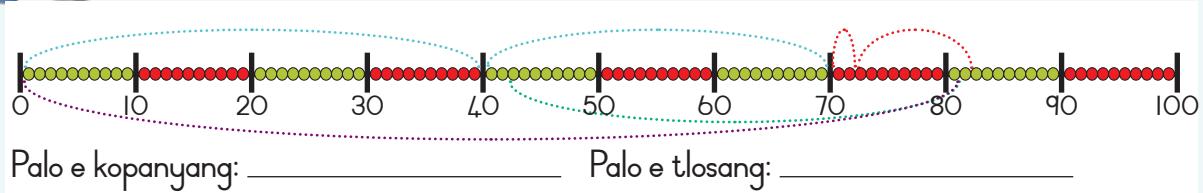
Ho kopanya le ho tlosa hape

Sheba melapalo. Bua ka yona.

Kotara 4

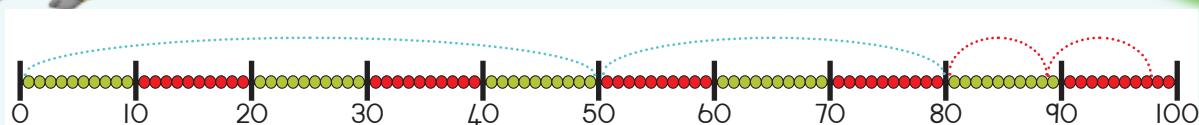


Ngola palo ya ho kopanya le ya tlosa o sebedisa molapalo.



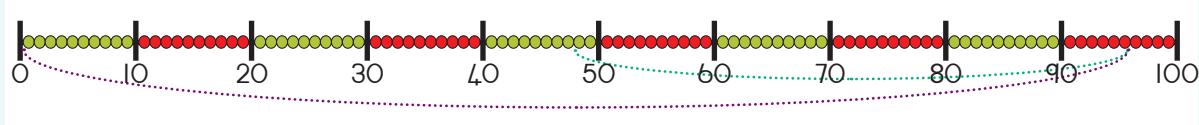


Lekanya mme o sebetse palo ya difaha.



Lekanya: _____

Sebetsa palo: _____



Lekanya: _____

Sebetsa palo: _____



Sebetsa palo o sebedisa mokgwa oo o o tsebang.

$74 + 18$

$72 - 43$



Ke eng 82 le 9?

Tlosa 44 ho 52.

Ha o kopanya 79 le 13 o fumana bokae.

Ha o tlosa 98 ho 59 ho sala bokae.



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

105

Ebile ho kopanya le ho ntsha hape

Etsa hore mahlakore a lekane.

Kotara 4

$10 + 4 + 5$

$9 + \boxed{\quad} + \boxed{\quad}$



$90 - 50$

$\boxed{\quad} - 20$



Qetella tse latelang.

| E ka hodimo ka I | |
|------------------|---|
| 6 | 7 |
| 5 | |
| 3 | |
| 9 | |
| 2 | |
| 7 | |
| 4 | |
| 8 | |

| E ka tlaase ka I | |
|------------------|---|
| 4 | 3 |
| 8 | |
| 10 | |
| 9 | |
| 2 | |
| 7 | |
| 6 | |
| 3 | |

| E ka hodimo ka 10 | |
|-------------------|----|
| 40 | 50 |
| 10 | |
| 60 | |
| 70 | |
| 20 | |
| 80 | |
| 30 | |
| 100 | |

| E ka tlaase ka 10 | |
|-------------------|----|
| 40 | 30 |
| 150 | |
| 20 | |
| 110 | |
| 200 | |
| 60 | |
| 180 | |
| 70 | |



Qetella tse latelang.

25

37

+100

89

199

175

-100

163



Bopa dipalo tse 5 o sebedisa dipalo tsena le matshwao ana.
O ka sebedisa dipalo tse tshwanang makgetlo a mabedi.

q 0

-

2 0

+

5

1 0 0

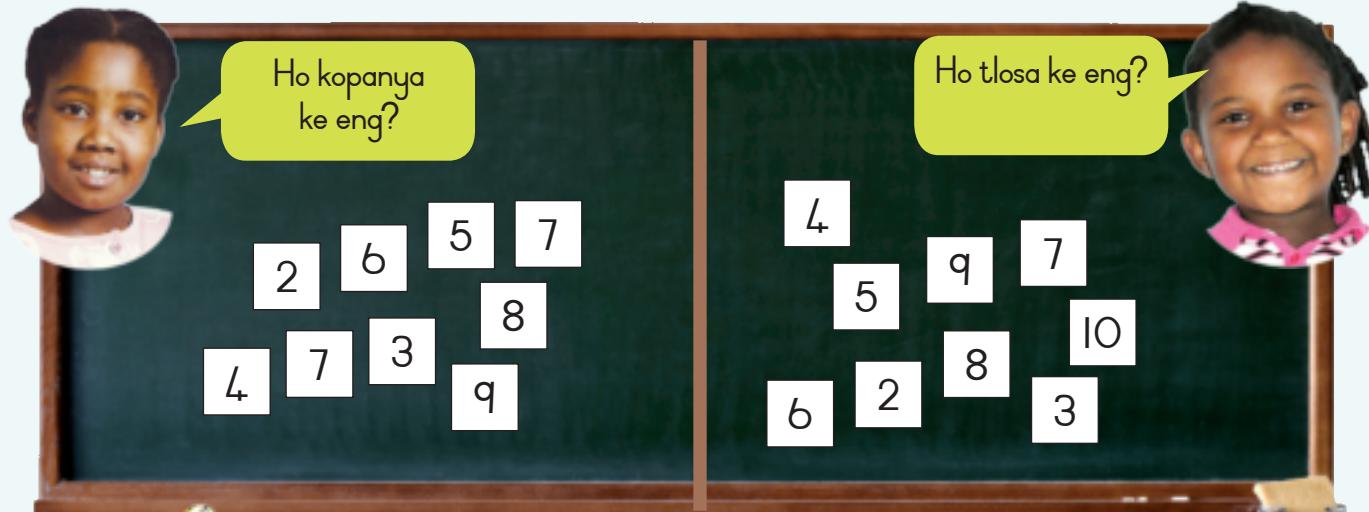
4

3

3 0



Sheba mme o kopanya hangata kapa o tlose hangata palo tse nang le karabo e ngotsweng botong, mohlala: $3 + 4 = 7$.



Sebetsa palo ena o sebedisa mokgwa oo o o tsebang.
Bontsha hore o sebeditse palo jwang.

$$48 + 36$$

$$85 - 59$$



Ralolla palo ya lentswe. Etsa setshwantsho ho bontsha karabo ya hao.

Ke bolokile R42 mme ntate a nneha R29.
Ke na le bokae kaofela?

Ke na le R78 mme ke rekile thepa ya ho ngola ka
R34. Ke saletswe ke bokae?



11 12 13 14 15 16 17 18 19 20

106



Dibopeho tsa 3-D

Letsatsi:

Kotara 4

Mabokose, dibolo, le disilintere
di kae?



Bolela haeba e le lebokose, bolo kapa silintere?



Fumana ditshwantsho tsa tse latelang mme o di kgomaretse mona.

Bolo

Lebokose

Silintere

90

2

3

4

5

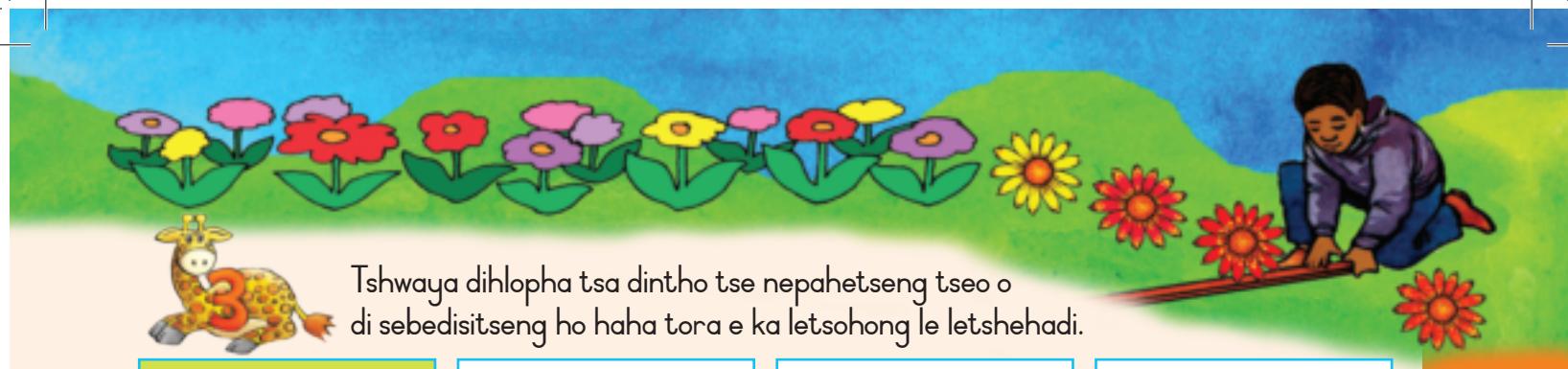
6

7

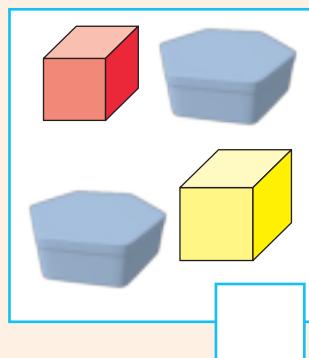
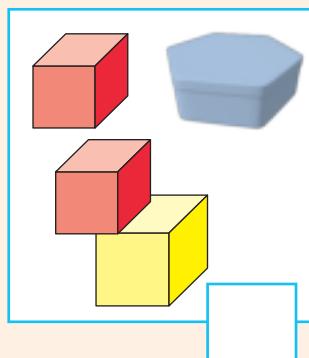
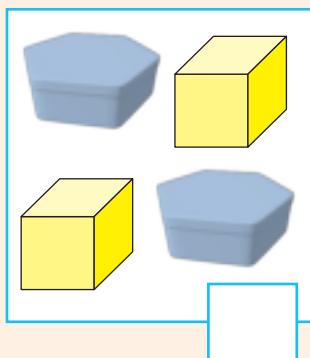
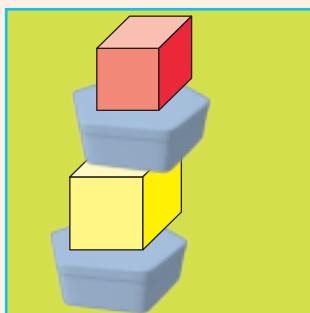
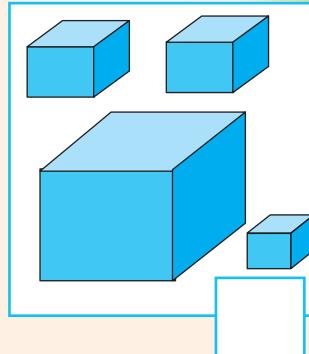
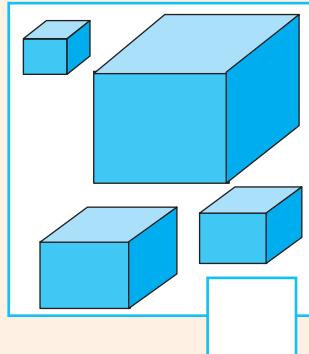
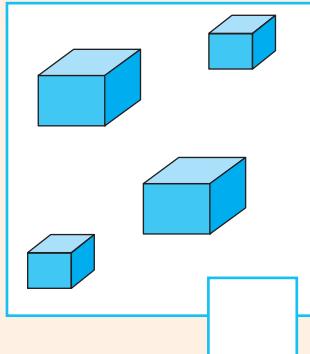
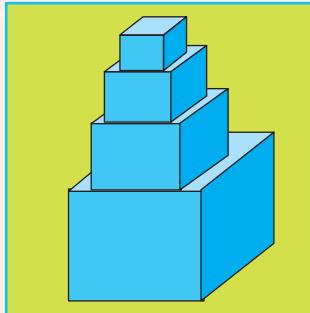
8

9

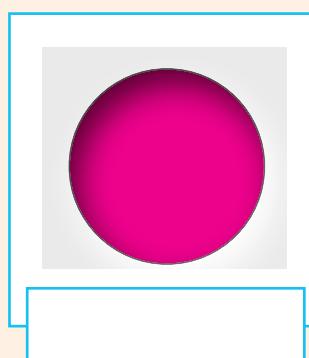
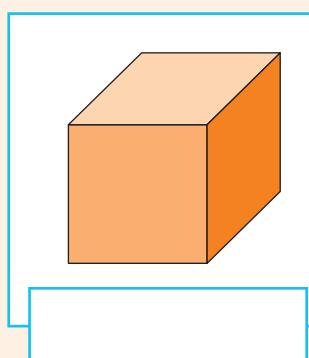
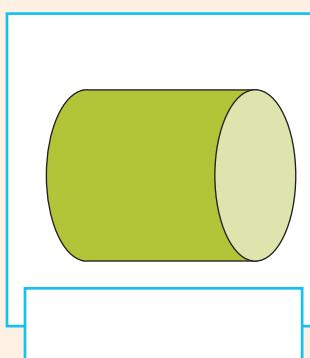
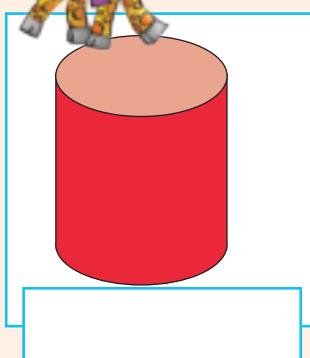
10



Tshwaya dihllopha tsa dintho tse nepahetseng tseo o
di sebedisitseng ho haha tora e ka letsohong le letshehadi.



Bolela haeba tse latelang di ka thetseha kapa tsa thella.



Ntlong ya hao kapa sebakeng se seng feela se potapotileng ntlo ke eng e shebahalang e ka ke:

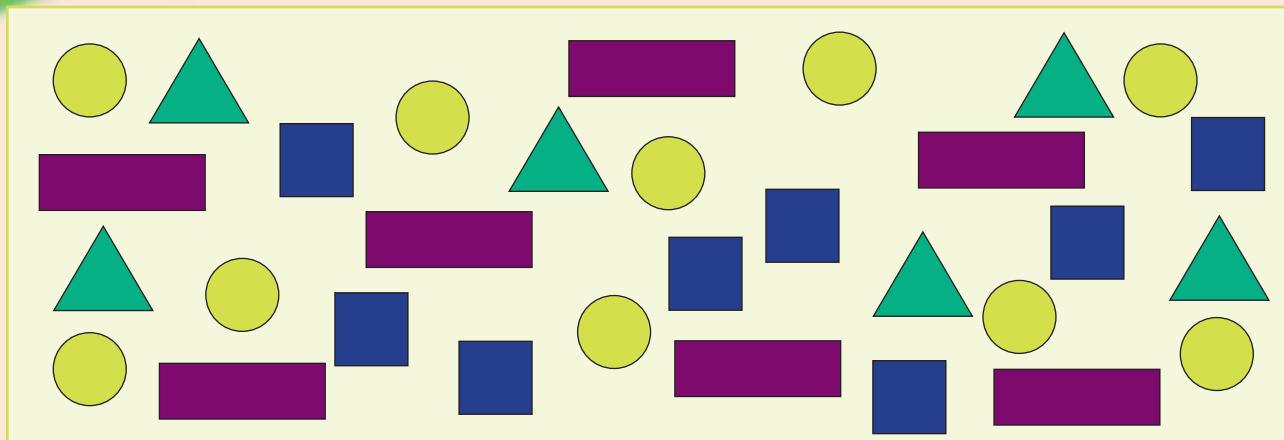
- Silintere
- Bolo
- Mabokose



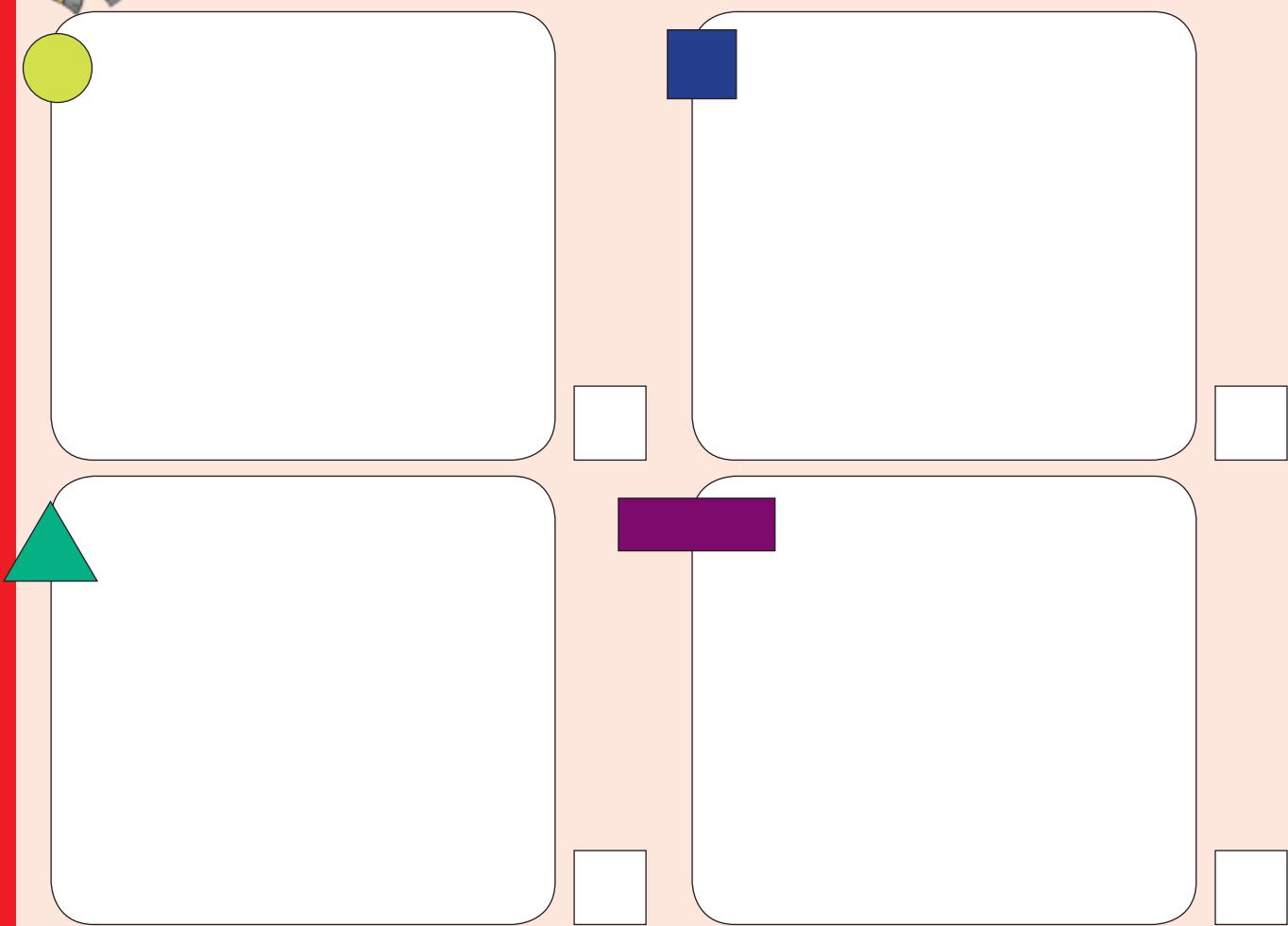
107

Pokello ya Diphumano e nngwe hape

Kotara 4



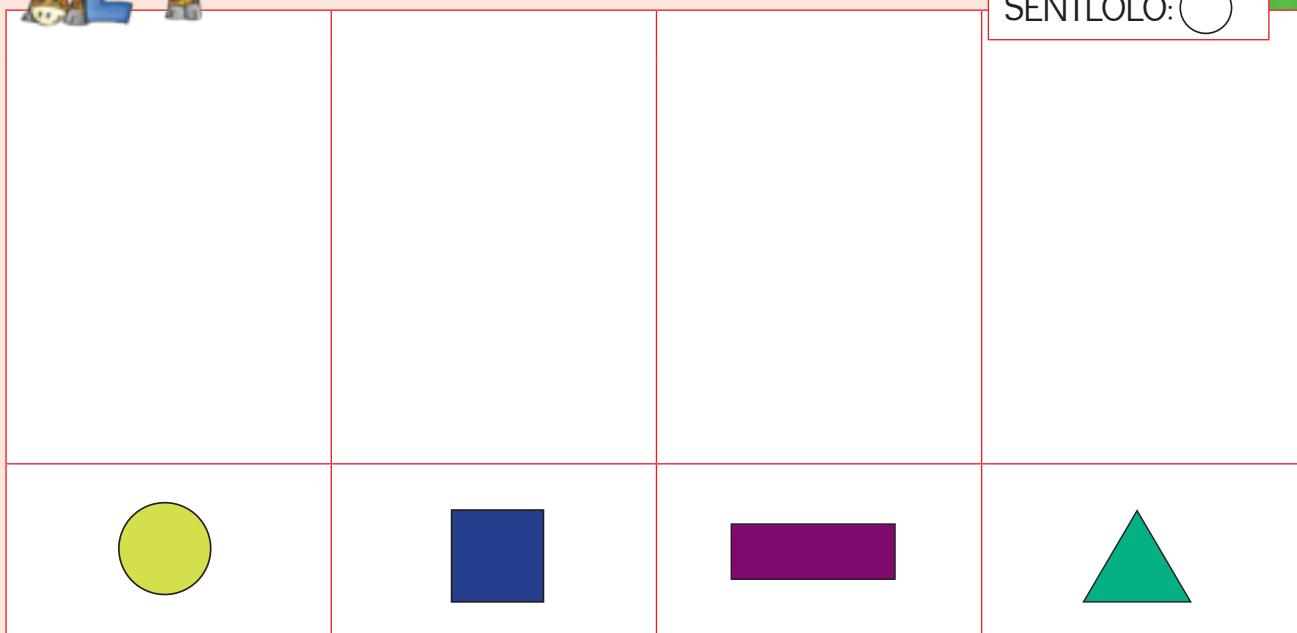
Hlophisa dibopeho. Iketsetse setshwantsho. Ngola palo ka hara lebokose.



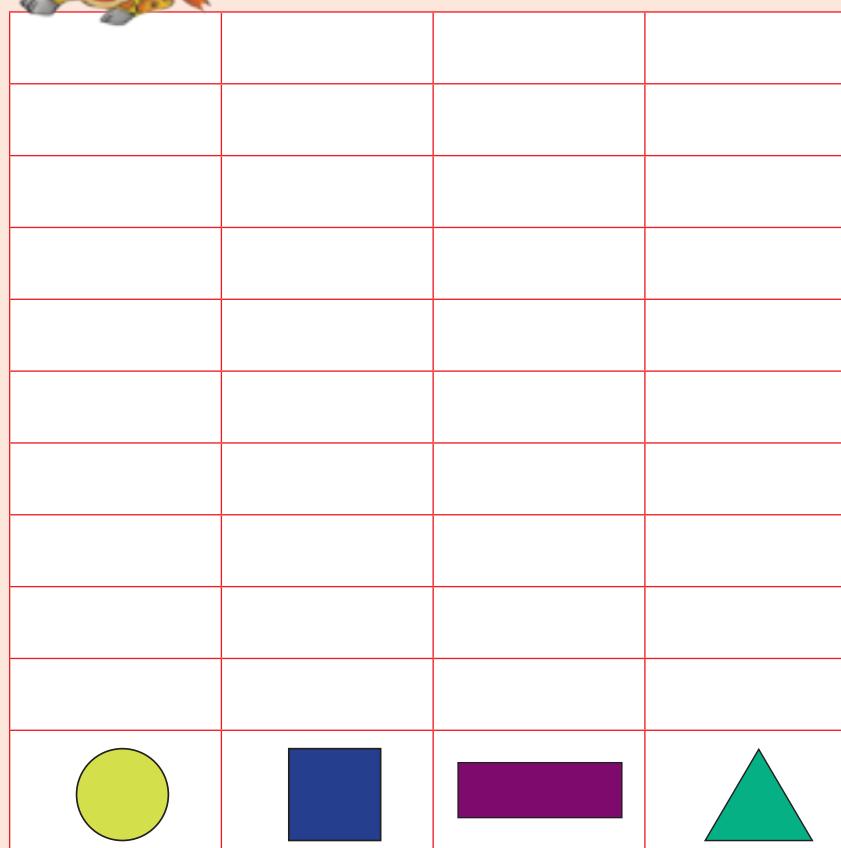


Etsa setshwantsho sa dibopeho tse hlophisitsweng.

SENTLOLO:



Tlotsa diboloko ka mmala ho qetella kerafo ya.



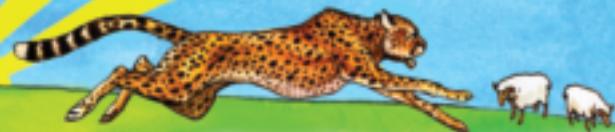
Ho na le dikwere
tse kae?

Ho na le dikgutlonne/
dikwere tse kae?

Ho na le
dikgutlonne tsepa
tse kae?

Ho na a
dikgutloharo
tse kae?





Letsatsi:

Ho sebetsa tjhelete

Kotara 4

Tlotsa tjhelete ya khoini e etsang 95c ka mmala. Tlotsa tjhelete e etsang R99 ka mmala.



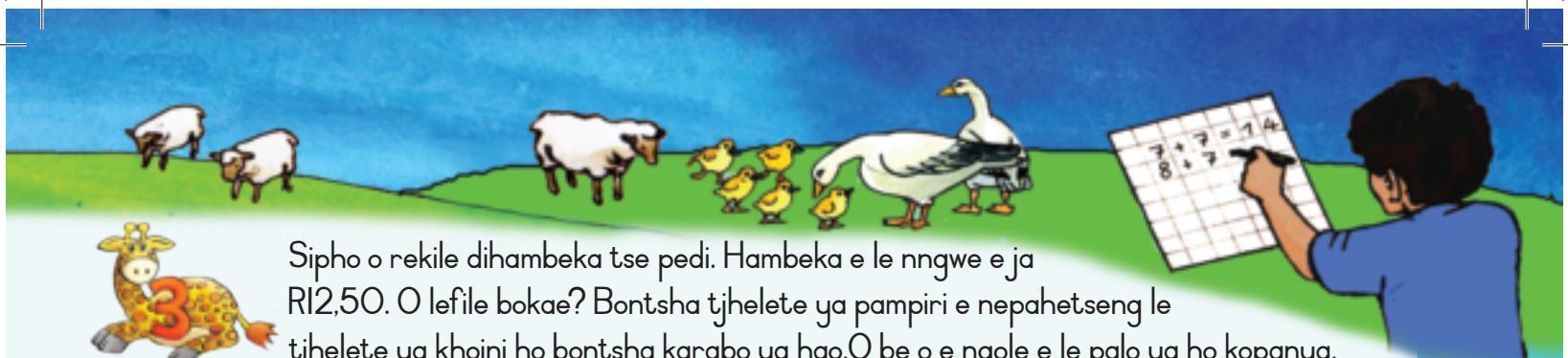
Tlotsa tjhelete ya khoini e ka o nehang. Na mokgwa ona ke wona feela wa ho kopanya.

| | E | Tjhe |
|-----|---|------|
| 75c | | |
| 85c | | |
| 90c | | |

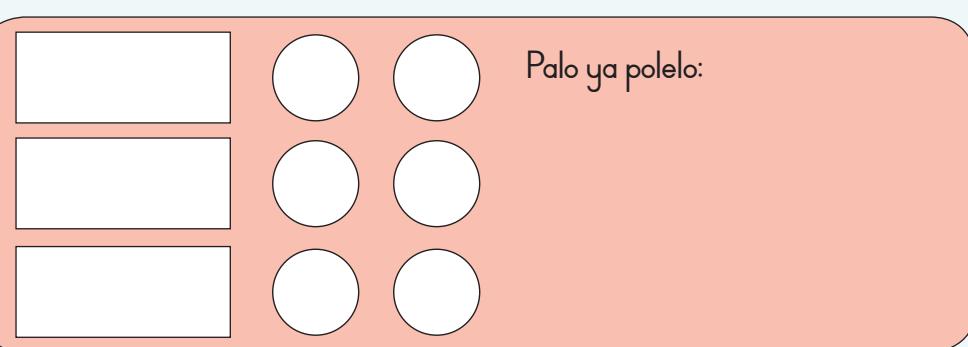
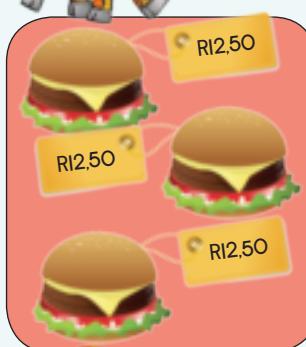


Khalara dikhoini le tjhelete ya pampiri tse tla o neha:
Na mokgwa ona ke wona feela wa ho kopanya.

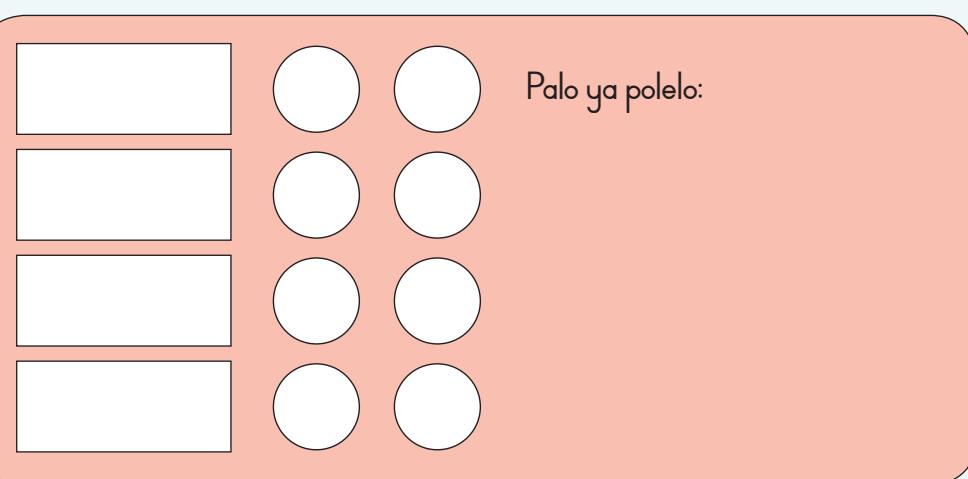
| | E | Tjhe |
|-----|---|------|
| R87 | | |
| R75 | | |
| R94 | | |



Haeba Sipho a ne a rekile dihambeka tse tharo teng?



Haeba Sipho a ne a rekile dihambeka tse nne teng?



Sipho a ka reka dihambeka tse kae ka R87,50. Etsa ditshwantsho tse tshwananag le tse ka hodimo ho o thusa ho rarolla bothata, Sebedisa leqephe le leng.



10q



Ho rarolla mathata a tjhelete

Kotara 4

Ke tla fumana bokae ha ke rekisa ditjhokolete tse 10? Sheba ditshwantsho mme o tswele pele ka paterone

Tjhokolete e le 1



Ditjhokolete tse 2



Ditjhokolete tse 3



Ditjhokolete tse 4



Sheila o rekisa di-hot dogs e le nngwe ke R4. Tlatsa papetla ho mo thusa ho fumana palo ya tjhelete bakeng sa diotara tse ngata.

| | | | | | | | | | | |
|---------------------|----|---|---|---|---|---|---|---|---|----|
| Palo ya di-hot dogs | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Tjhelete ya tshepe | 2 | | | | | | | | | |
| Tefello ka Diranta | R4 | | | | | | | | | |



Haeba Sheila a rekisa hotdog ka R5 ho tla etsahalang?

| | | | | | | | | | | |
|---------------------|----|---|---|---|---|---|---|---|---|----|
| Palo ya di-hot dogs | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Tjhelete ya tshepe | 5 | | | | | | | | | |
| Tefello ka Diranta | R5 | | | | | | | | | |



Sello o sala le bana. O lefisa R5 ka hora. Qetella tafole ena.

| | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|----|
| Palo ya Dihora | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Tefello ka Diranta | | | | | | | | | | |



Sello o nka qeto ya ho lefisa habedi ka hora. E bontshe honajwale tafoleng.

| | | | | | | | | | | |
|--------------------|----|----|---|---|---|---|---|---|---|----|
| Palo ya Dihora | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Tefello ka Diranta | 25 | 30 | | | | | | | | |



Taka setshwantsho se bontshang hore Sello o tlameha ho lefa bokae bakeng sa ho sallwa le ngwana dihora tse 8 ka R5 hora ka nngwe.



Batla ho reka dimafine. Mafine ka nngwe ke RIO.
O tla lefa bokae ka dimafine tse 1, 2, 3, 4, 5, 6, 7, 8, 9 kapa 10.
E bontshe ka tafole pampering e nngwe.

| |
|----------|
| Teacher: |
| Sign: |
| Date: |

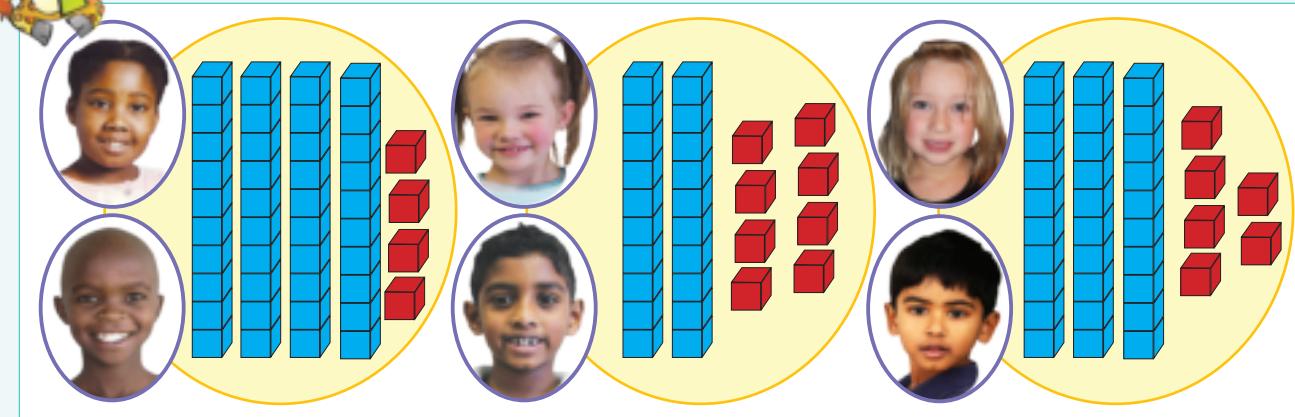
110



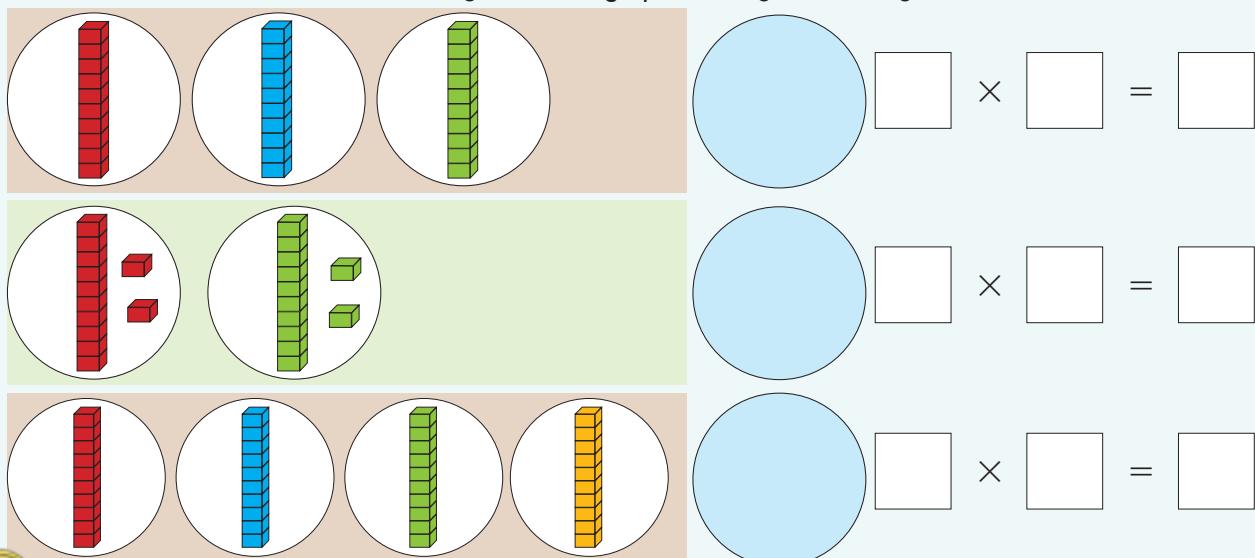
Ho hlophisa le ho arolelana

Kotara 4

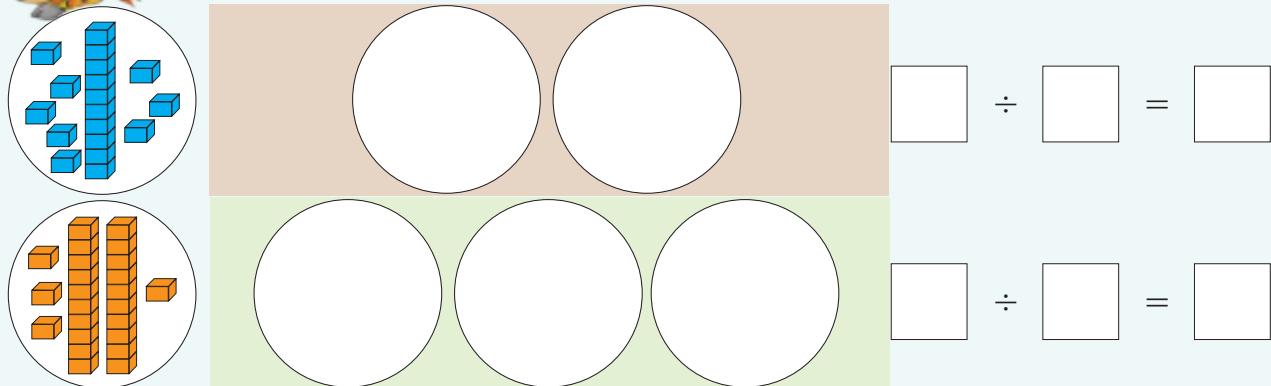
Ebe ka hara sedikadikwe ka seng ho na le diboloko tse kae. Di arolele bana.



Ho na le diboloko tse kae sedikadikweng ka seng? Ngola palo yohle ka hara sedikadikwe se bolou. Ngola katiso ya palo e nngwe le e nngwe.



Arola diboloko pakeng tsa didikadikwe. Ngola palo ya arola bakeng sa e nngwe le e nngwe.





Taka tse latelang. Ngola palo bakeng sa e nngwe le e nngwe.

Dihlopha tse 3 tsa 2

Palo ya ho kopanya:

Palo ya ho atisa:

Arola dibadi tse 12 dipakeng tsa batho ba 4.

Palo ya ho tlosa:

Palo ya ho arola:

Dihlopha tse 4 tsa 10

Palo ya ho kopanya:

Palo ya ho atisa:

Arola dibadi tse 36 dipakeng tsa batho ba 3.

Palo ya ho tlosa:

Palo ya ho arola:



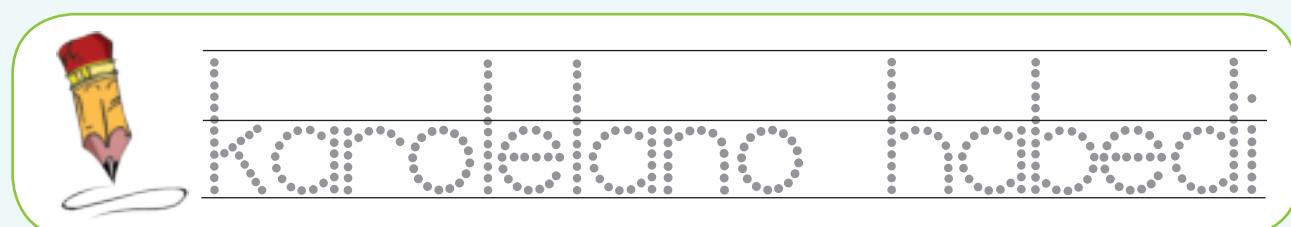
Sebetsa palo.

Dihlopha tse 2 tsa bo 7 _____ Dihlopha tse 3 tsa bo 8 _____

Dihlopha tse 4 tsa bo 5 _____ Dihlopha tse 2 tsa 15 _____

Arola 18 ka 2 _____ Arola 24 ka 3 _____

Arola 35 ka 5 _____ Arola 50 ka 10 _____



| |
|----------|
| Teacher: |
| Sign: |
| Date: |

11 12 13 14 15 16 17 18 19 20

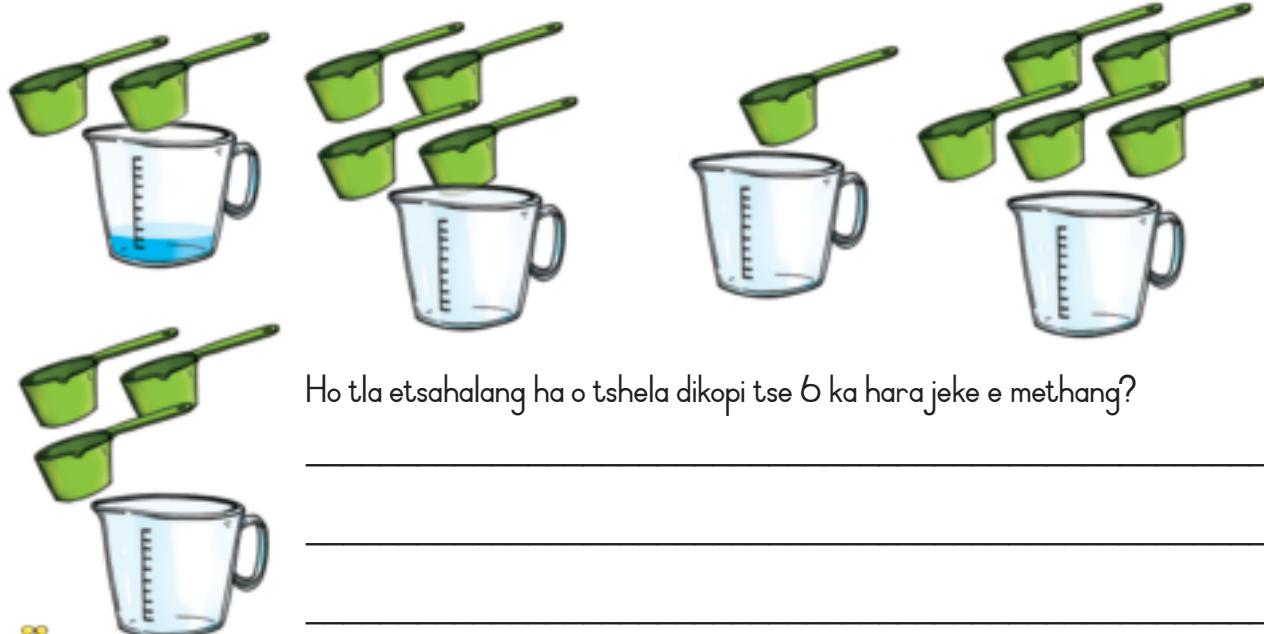


Matla ka bongata

Sheba ditshwantsho. Bana ba etsang?



Tlotsa ka mmala ho fihla moo dikgaba di tlatsitseng jeke ka sephalli.
Ya pele o se o e etseditswe.



Ho tla etsahalang ha o tshela dikopi tse 6 ka hara jeke e methang?



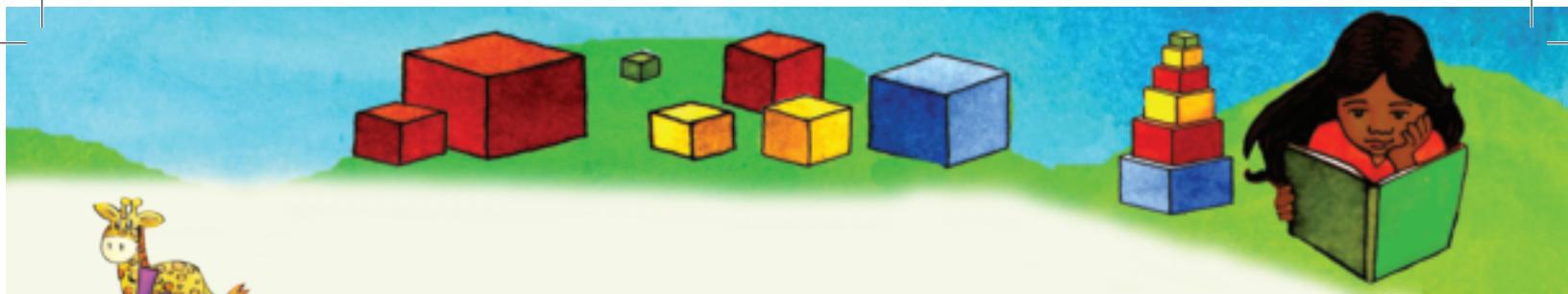
O hloka dikopi tse kae tsa metsi ho tlatsa dijeke tse lafelang?

Dijeke tse 2 _____

Dijeke tse 3 _____

Dijeke tse 4 _____

Dijeke tse 5 _____



O hloka dikopi tse kae hape ho tlatsa jeke kapa dijeke tse methang?

2



Fumana setshwantsho sa ditshela tse lekanang le litha e le I, dilitha tse 2 le

dilitha tse 5. Di manamise mona kapa bukeng ya hao ya mosebetsi.

Di kgomarolle ho tswa ditshelong tse tshetseng haholo mme o di kgomaretse
ditshelong tse sa tshelang haholo.



| |
|----------|
| Teacher: |
| Sign: |
| Date: |

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Dipaterone tsa nomoro

Kotara 4



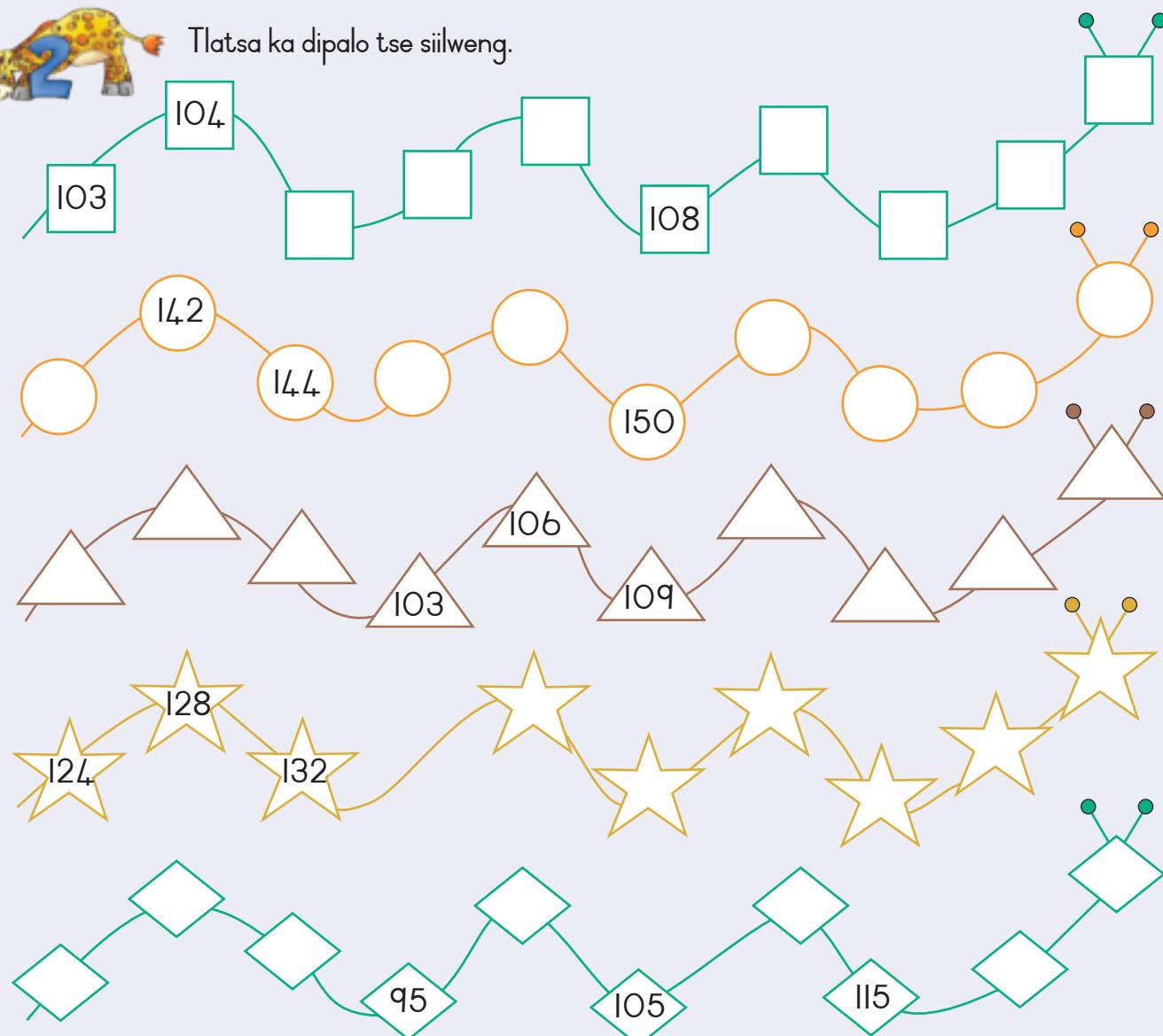
Beha dikarete ka tatelano. Qala ka ho tlaha ho tse kgolo ho ya ho tse nnyane, ho latele tse nnyane ho ya ho tse kgolo.

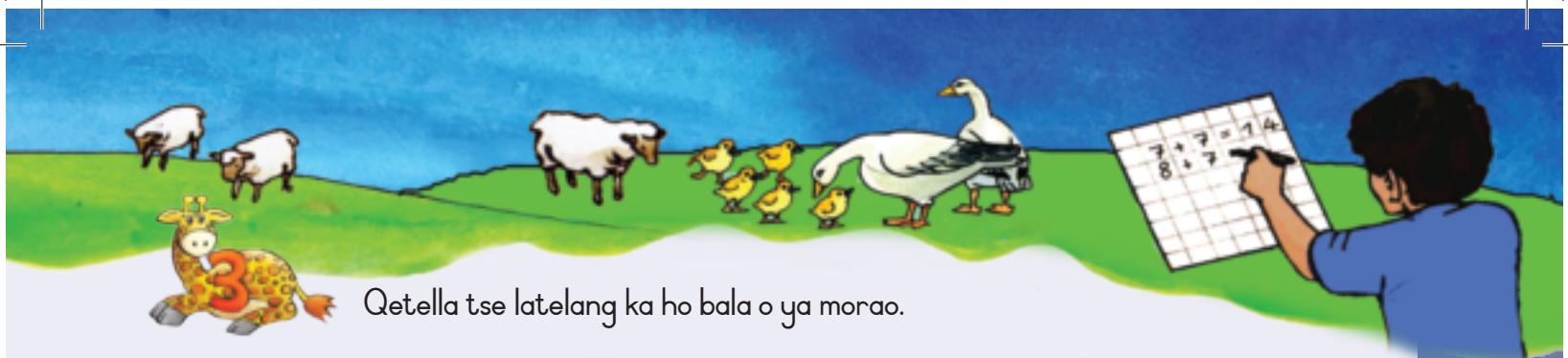
Letsatsi:

| | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 5 | 3 | 8 | 1 | 9 | 7 | 6 | 2 | 4 |
| 61 | 66 | 64 | 69 | 62 | 68 | 67 | 63 | 65 |
| I36 | I32 | I40 | I38 | I31 | I35 | I33 | I37 | I34 |



Tlatsa ka dipalo tse silweng.





Qetella tse latelang ka ho bala o ya morao.

| | | | | | | | | | |
|-----|-----|-----|--|--|-----|--|--|--|--|
| 128 | 126 | 124 | | | 118 | | | | |
| 160 | 157 | 154 | | | | | | | |
| 200 | 195 | 190 | | | | | | | |



Qetella tse latelang ka ho atolosa paterone.

100, 102, 104, ___, ___, ___, ___, ___

160, 155, 150, ___, ___, ___, ___, ___

115, 118, 121, ___, ___, ___, ___, ___

200, 190, 180, ___, ___, ___, ___, ___

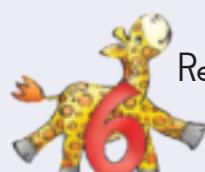


Qetella molapalo.

$$2 + 2 + 2$$

$$3 + 3 + 3$$

$$4 + 4 + 4$$



Re bala ka bokae?

4 20
 8 16
 12

2 14
 8 12
 4 6

5 15
30 20
10 15

3 21
18 12
 9 6





Ho atisa ka 3

Letsatsi:

Diphoofolo tsena tsohle di na le maoto a 4.

Diphoofolo tsena tsohle di na le ditsebe tse 2.

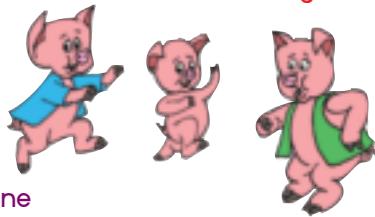


Ditweba tse 3 tse fousetseng



Dibere tse 3 tse nnyane

Dikolobe tse 3 tse nnyane



Ke maoto a makae ha a kopane a setshwantshong sena?

Ke ditsebe tse kae ha di kopane tse setshwantshong sena?



Sheba ditshwantsho mme o qetele tse latelang:



| | | | | |
|----------------------|----------|------------------------------|-----|----------------------|
| <input type="text"/> | \times | <input type="text"/> | $=$ | <input type="text"/> |
| Palo ya ditweba | | Maoto a phoofolo ka nngwe | | |

| | | | | |
|----------------------|----------|----------------------------------|-----|----------------------|
| <input type="text"/> | \times | <input type="text"/> | $=$ | <input type="text"/> |
| Palo ya ditweba | | Ditsebe tsa phoofolo ka nngwe | | |



Qetella tse latelang:

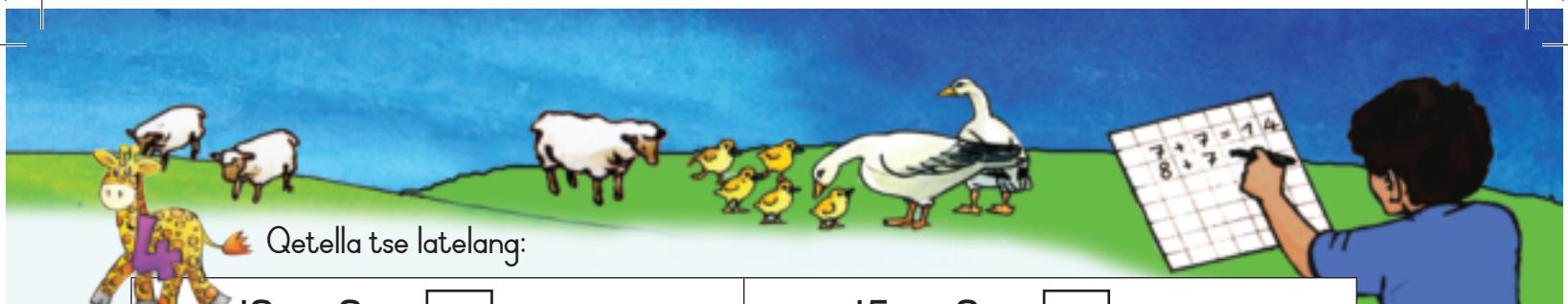
| | | | | | | | | | |
|---|---|---|--|--|--|--|--|--|--|
| 3 | 6 | 9 | | | | | | | |
|---|---|---|--|--|--|--|--|--|--|

| | | | | | | | | |
|----|----|----|--|--|--|--|--|--|
| 30 | 27 | 24 | | | | | | |
|----|----|----|--|--|--|--|--|--|



Qetella tse latelang:

| | |
|--|--|
| $5 \times$ = <input type="text"/> diapole | $4 \times$ = <input type="text"/> dipanana |
| $6 \times$ = <input type="text"/> dipanana | $7 \times$ = <input type="text"/> diapole |



Qetella tse latelang:

$$13 \times 3 = \boxed{}$$

$$\begin{array}{r} 1 \quad 0 \\ \textcolor{red}{3} \\ \times 3 \end{array}$$

$$= \boxed{1 \quad 0} + \boxed{3} \times 3$$

$$= \boxed{1 \quad 0} \times 3 + \boxed{3} \times 3$$

$$= 30 + 9$$

$$= 39$$

$$15 \times 3 = \boxed{}$$

$$\begin{array}{r} 1 \quad 0 \\ \textcolor{red}{5} \\ \times 3 \end{array}$$

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

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

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

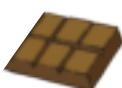
$$= \boxed{}$$



Metswallie e mmedi e dihile
mekotla ya bona ya dipensele.
Ba na le disebediswa tse
tshwanang hantle tsa ho ngola.
Ba thuse ho di busetsa ka
mekotlaneng ya tsona.

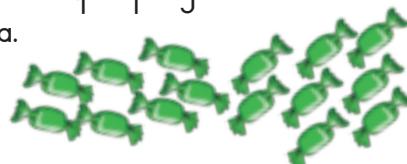


Qetella tse latelang:



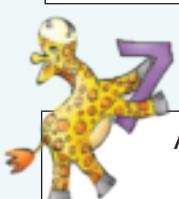
Arolela bana bana ba 2 tjhokolete ka
ho lekana.

Arolela bana ba 3 dipompong tse
15 ka ho lekana.



E mong le e mong
o fumana

E mong le e mong
o fumana



Taka ditshwantsho ho bontsha dikarabo tsa hao.

Arolela bana ba 3 dipentshele tse 9.

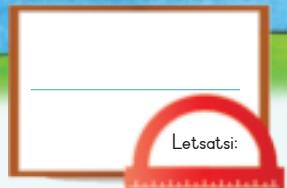
Arolela bana ba 3 dikerayone tse 16. Na ho tla
ba le dikerayone tse salang?

E mong le e mong o fumana

E mong le e mong o fumana



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Ha atisa ho kopakopaneng

Kotara 4

Sheba tse latelang, o hlokomela eng?

$$5 + 5 + 5 = 15$$



$$\text{Bongata ba } 3 \text{ ka } 5 = 15$$



Dihlopha tse 3 tsa
15 ke 5

$$3 \text{ atisa ka } 5 = 15$$

$$3 \times 5 = 15$$

$$5 \times 3 = 15$$



Qetella papetla e ka tlase. Mohlala o tla o tataisa.

| Ho bala ka ho tlola | Dihlopha tse lekanang | Ho kopanya ho iphetang | Dihlotshwana | Dintlhha |
|---------------------|-----------------------|------------------------|-------------------|--|
| 3, 6, 9, 12 | | $3 + 3 + 3 + 3$ | Mela e 3 ya 4 | $3 \times 4 = 12$ $4 \times 3 = 12$ |
| | | $4 + 4 + 4$ | | $6 \times 5 = 30$ $5 \times 6 = 30$ |
| 2, 4, 6, 8, 10, 12 | | | | |



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



Araba dipotso tse latelang.
Ke eng:

| | |
|-----------------|--|
| bohlano ba bane | |
| 6 habedi | |
| 6 atisa ka 5 | |
| 2 atisa ka 4 | |
| 8 atisa ka 2 | |

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



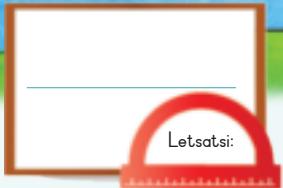
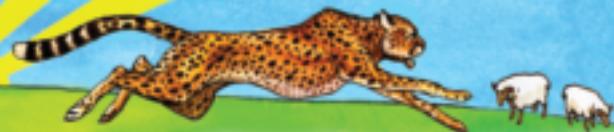
Beha peheletso ya sebaka
ka palo.

| | |
|--|--|
| Dihlopha tsa 6 ke 3 le 2 kapa 3 ha o atisa ka 2 ke 6 kapa $3 \times 2 =$ <input type="text"/> | |
| Dihlopha tsa 12 ke 4 le 3 kapa 4 atisa ka 3 ke 12 kapa $4 \times 3 =$ <input type="text"/> | |
| Dihlopha tse 6 ke 3 kapa 6 ha o atisa ka 3 ke 18 kapa $6 \times$ <input type="text"/> = 18 | |

Bothata: Ho na le dibadi tse tharo moleng o le mong. Ho na le mela e 4. Ke dibadi tse kae
tsohle? Etsa setshwantsho ho bontsha karabo ya hao.



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Katiso ka bongata

Kotara 4



Sheba mehlala.



Ho atisa ke ho etsa
jwang?

| 25 - 10 - 2013 | |
|------------------------|----|
| $4 \times 2 =$ | 8 |
| $3 \times 4 =$ | 12 |
| $4 \times 5 =$ | 20 |
| $2 \times 6 =$ | 12 |
| 2 atisa ka 7 ke bokae? | |

$$\begin{aligned}1 \times 5 &= 5 \\2 \times 5 &= 10 \\3 \times 5 &= 15 \\4 \times 5 &= 20 \\5 \times 5 &= 25 \\6 \times 5 &= 30 \\7 \times 5 &= 35 \\8 \times 5 &= 40 \\9 \times 5 &= 45 \\10 \times 5 &= 50\end{aligned}$$

Qetella:

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

Sebedisa mokgwa oo o o tsebang ho rarolla bothata bona.

$$12 \times 2$$

$$16 \times 2$$

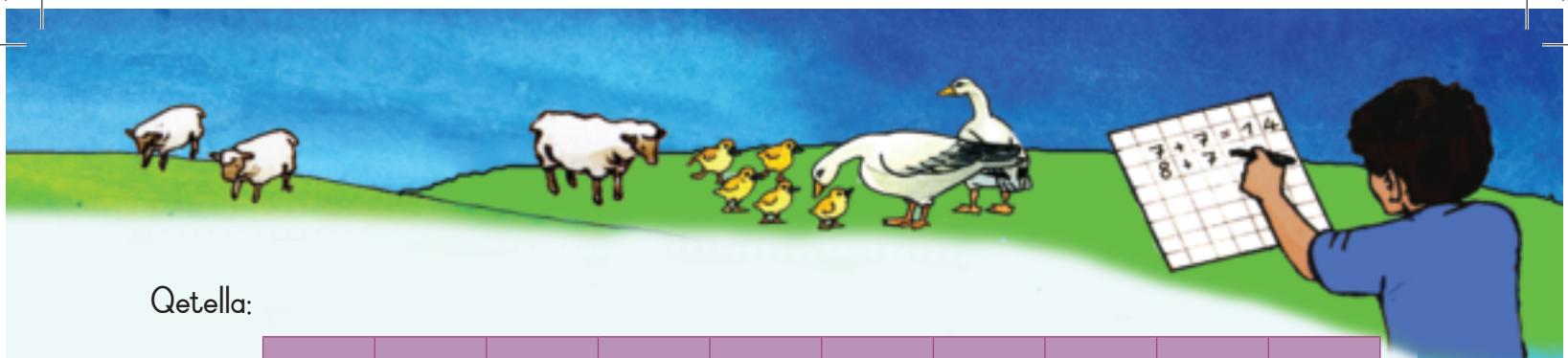
Qetella:

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

Sebedisa mokgwa oo o o tsebang ho rarolla bothata bona.

$$13 \times 3$$

$$15 \times 3$$



Qetella:

| | | | | | | | | | | |
|------------|---|---|----|---|---|---|---|---|---|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| $\times 4$ | 4 | 8 | 12 | | | | | | | |

Sebedisa mokgwa oo o o tsebang ho rarolla bothata bona.

$$11 \times 4$$

$$14 \times 4$$

Qetella:

| | | | | | | | | | | |
|------------|---|----|----|---|---|---|---|---|---|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| $\times 5$ | 5 | 10 | 15 | | | | | | | |

Sebedisa mokgwa oo o o tsebang ho rarolla bothata bona.

$$12 \times 5$$

$$16 \times 5$$



Ho na le dinamune tse 12 ka mokotleng. Dinamune tsohle ka hara mekotla di kae ka palo?

mekotla e 4?

mekotla e 5?

mekotla e 3?

mekotla e 2?



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Ngola ditlhaku tsa matsatsi a beke ka mokgwa o nepahetseng.

Kotara 4

Matsatsi a beke



ADIBEBOL

SOTAHAN

HANTAMA

BORAROLA

ELABON

EBEMOLOQ

OLABOHLAN



Tlatsa matsatsi a silweng.

| | | | |
|---------|--|----------|--|
| Mantaha | | Laboraro | |
|---------|--|----------|--|



Ngola matsatsi a beke.

| | | | | | | |
|---------|--|--|--|--|--|--|
| Sontaha | | | | | | |
|---------|--|--|--|--|--|--|



Ke matsatsi a makae ho tloha ho Mantaha ho ya ho Labone?

Mantaha ho ya ho Labone? _____

Labobedi ho ya ho Labohlano? _____

Labone ho ya ho Moqebelo? _____



Ke matsatsi a makae dipakeng tsa:

Labobedi le moqebelo? _____

Laboraro le Labohlano? _____

Labone le Sontaha? _____



Dikgwedi tsa selemo

Ngola dikgwedi tsa selemo ka mokgwa o nepahetseng.

PHEREKGONG

HLAKOLA

PHUPU

HANELAMP

APUDUNGWAN

HLAKUBELE

PHATO

HUPJANEPE

TSHITWE

MOTSHEANONG

MESAM

LWETSE



Kgwedi e le nngwe e na le matsatsi a makae?

| | | | |
|-----------------|----------|------------|---------|
| Pherekong 31 | Hlakola | Hlakubele | Mmesa |
| Motsheanong | Phupjane | Phupu | Phato |
| Lwetse | Mphalane | Pudungwana | Tshitwe |



Araba tse latelang.

Hlokomela hore ke lebitso la kgwedi ka hoo le tshwanelo ho qala ka tlhaku e kgolo.



Ke kgwedi efe e tl Lang pele ho Hlakubele? _____

Ke kgwedi efe e tl Lang ka mora Phupjane? _____



Haeba e le Phupu. Ke dikgwedi tse kae pele ho:

Lwetse? _____

Phato? _____



llbb



Matsatsi, dibeke, le dikgwedi

Letsatsi:

Kotara 4

Tshitwe 2015

| Sontaha | Mantaha | Labobedi | Laboraro | Labone | Labohlano | Moqebelo |
|---------|---------|----------|----------|--------|-----------|----------|
| | 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 | | | |



Sheba khalentara mme o arabe tse latelang:

Ke letsatsi lefe la 1 la Tshitwe? _____

Ke letsatsi lefe la 15 la Tshitwe? _____

Ke letsatsi lefe la 24 la Tshitwe? _____

Ke letsatsi lefe la 12 la Tshitwe? _____



Araba dipotso tsena:

Kgwedi ya Tshitwe e na le matsatsi a makae? _____

Kgwedi ya Tshitwe e na le dibeke tse kae? _____

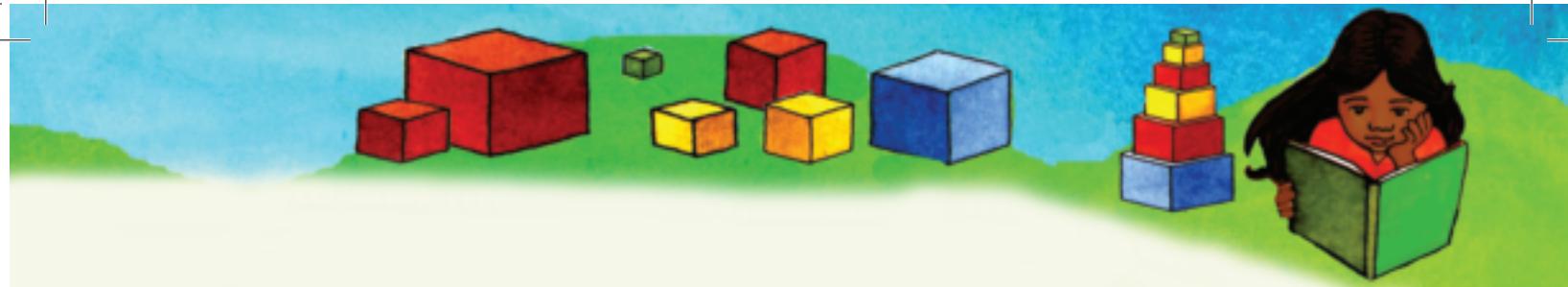
Matsatsi a beke a makae? _____

Dikolo di kwalwa neng ka Tshitwe? _____

Ho etsahala eng ka la 25 Tshitwe? _____

Ho etsahalang ka la 31 Tshitwe? _____

Ke letsatsi lefe le tleng ka mora 31 tsa Tshitwe? _____



Tlotsa dipalo kaofela tse sa arolehang ka pedi ka mmala o mosehla.

O hlokomela eng? _____

Tlotsa dipalo kaofela tse arolehang ka pedi ka mmala o mokgubedu.

O hlokomela eng? _____



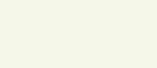
Qetella khalentara ena. Tlatsa selemo le matsatsi.

Mmesa _____

| Sontaha | Mantaha | Labobedi | Laboraro | Labone | Labohlano | Moqebelo |
|---|---|--|---|--|---|---|
| | | | | |  | |
| | |  | | | | |
| | | | |  | | |
|  | | |  | | |  |
| |  | | | | | |



Ke letsatsi lefe, ke la bokae?

| Letsati la | Letsatsi |
|---|----------|
|  | |
|  | |
|  | |
|  | |
|  | |
|  | |
|  | |



Ke matsatsi a makae ho tloha ho?

| | | | |
|--|----------|---|--|
|  | Ho ya |  | |
|  | Ho ya |  | |
|  | Ho ya |  | |
|  | Ho ya |  | |



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Dipaterone tse ding hape tsa dipalo

Kotara 4

Hhalosa paterone botong e nngwe le e nngwe.

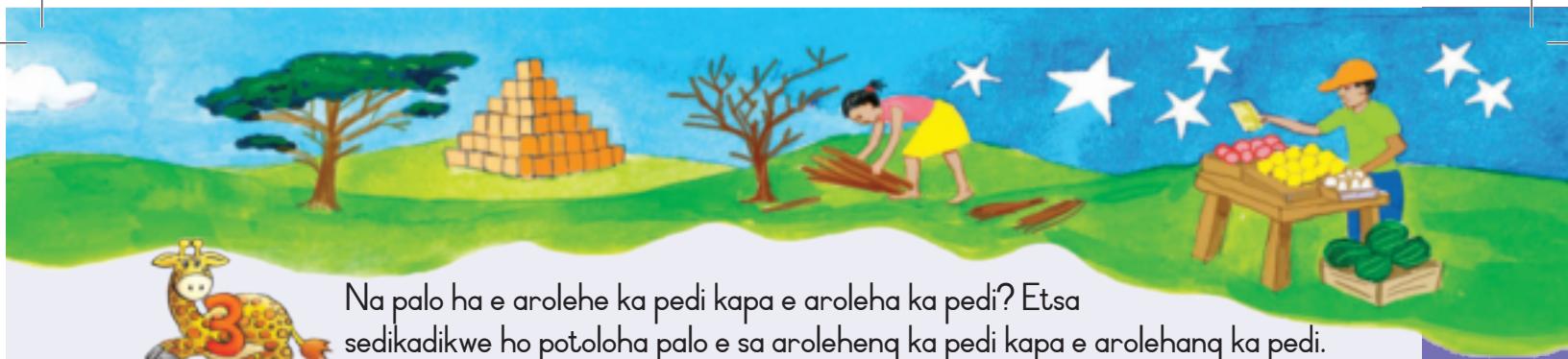
| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| I01 | I02 | I03 | I04 | I05 | I06 | I07 | I08 | I09 | I10 |
| II1 | II2 | II3 | II4 | II5 | II6 | II7 | II8 | II9 | I20 |
| I21 | I22 | I23 | I24 | I25 | I26 | I27 | I28 | I29 | I30 |
| I31 | I32 | I33 | I34 | I35 | I36 | I37 | I38 | I39 | I40 |
| I41 | I42 | I43 | I44 | I45 | I46 | I47 | I48 | I49 | I50 |

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| I51 | I52 | I53 | I54 | I55 | I56 | I57 | I58 | I59 | I60 |
| I61 | I62 | I63 | I64 | I65 | I66 | I67 | I68 | I69 | I70 |
| I71 | I72 | I73 | I74 | I75 | I76 | I77 | I78 | I79 | I80 |
| I81 | I82 | I83 | I84 | I85 | I86 | I87 | I88 | I89 | I90 |
| I91 | I92 | I93 | I94 | I95 | I96 | I97 | I98 | I99 | 200 |



Qetella paterone.

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| I | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| II | 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 |
| I01 | I02 | I03 | I04 | I05 | I06 | I07 | I08 | I09 | I10 |
| III | II2 | II3 | II4 | II5 | II6 | II7 | II8 | II9 | I20 |
| I21 | I22 | I23 | I24 | I25 | I26 | I27 | I28 | I29 | I30 |
| I31 | I32 | I33 | I34 | I35 | I36 | I37 | I38 | I39 | I40 |
| I41 | I42 | I43 | I44 | I45 | I46 | I47 | I48 | I49 | I50 |
| I51 | I52 | I53 | I54 | I55 | I56 | I57 | I58 | I59 | I60 |
| I61 | I62 | I63 | I64 | I65 | I66 | I67 | I68 | I69 | I70 |
| I71 | I72 | I73 | I74 | I75 | I76 | I77 | I78 | I79 | I80 |
| I81 | I82 | I83 | I84 | I85 | I86 | I87 | I88 | I89 | I90 |
| I91 | I92 | I93 | I94 | I95 | I96 | I97 | I98 | I99 | 200 |



Na palo ha e arolehe ka pedi kapa e aroleha ka pedi? Etsa sedikadikwe ho potoloha palo e sa arolehang ka pedi kapa e arolehang ka pedi.

| | | |
|-------------------------------------|-------------------------------------|-------------------------------------|
| 4 e sa arolehang ka pedi | 19 e sa arolehang ka pedi | 21 e sa arolehang ka pedi |
| 26 e sa arolehang ka pedi | 20 e sa arolehang ka pedi | 18 e sa arolehang ka pedi |



Tlatsa ka palo e silweng ho qetella paterone ena e iphetang.

33, 39, 33, , 33, 39, 33, 39

96, 74, 96, 74, 96, 74, 96,

38, 45, 38, 45, , 45

49, 5, 46, 20, 49, 5, , 20, 49, 5, 46, 20, 49, 5, 46

, 78, 21, II, 78, 21, II, 78, 21, II

Bontsha dipalo ka mmala
ho o thusa ho rarolla
bothata.



Tlatsa ka palo e silweng ho qetella paterone e iphetang.

55, 21, 19, 63, 55, 21, 19, 63, 55, 21, 19, 63, 55, 21, 19,

18, 28, 36, 18, 28, 36, 18, 28, 36, 18, 28, 36, 18,

II, 76, II, 76, II, 76, II, 76,

60, 91, 94, 60, 91, 94, 60, 91, 94, 60,

28, 47, 78, 28, 47, 78, 28, 47, 78, 28, 47, 78, 28,



| |
|----------|
| Teacher: |
| Sign: |
| Date: |

Ho arola ka ho lekana ho isang dikarolwaneng

Letsatsi:

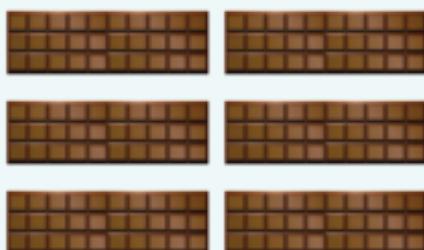
Kotara 4



Arola sekotwana sa tjhokolete mme o bolele hore ke diboloko tse kae tseo ngwana a le mong a di fumanang.



Jwale arolela bana ba 3 dikotwana
tsa tjhokolete tse 6.



O na le dikuku tse 3.
Di arolele metswallie e 4
ka ho lekana.

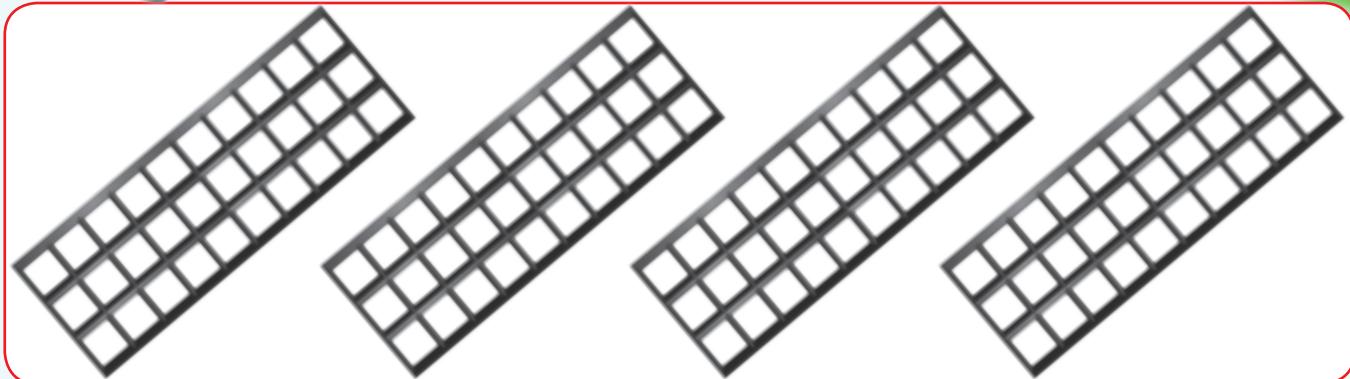


Bontsha karabo ya hao ka ho etsa setshwantsho ka tlase mona.



Bontsha karabo ya hao ka ho etsa setshwantsho ka tlase mona.

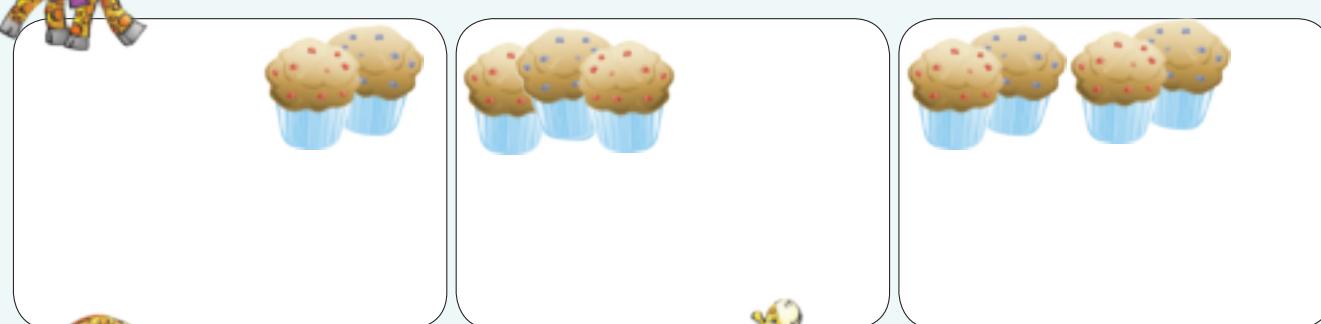
Ngwana a le mong o fumana _____ ya dikuku.



Ke diboloko tse kae tsa tjhokolete tse etsang kotara e le nngwe? _____

Ke diboloko tse kae tsa tjhokolete tse etsang karolwana nngwe bohlanong? _____

Bontsha halofo e le nngwe ya tse latelang.



Bontsha karolwana ya nngwe
borarong ya dipompong.

Bontsha karolwana ya nngwe
botshelle leng ya dipompong.



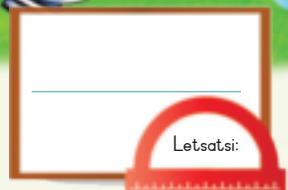
Arolela metswalle e mene dikotwana tse || tsa tjhokolete hore e mong le e mong a fumane
karolo e lekanang ya tjhokolete mme ho se sale letho.



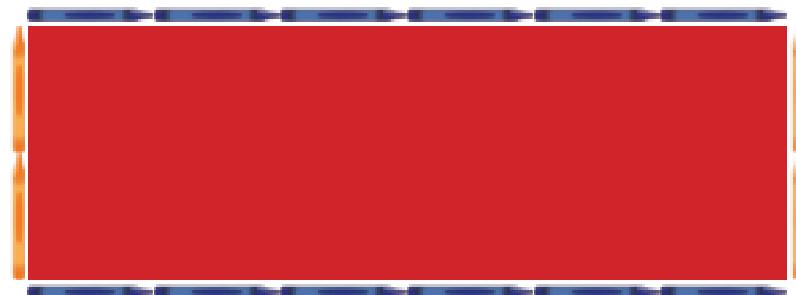


Ke mahlakore afe a makgutswane le mahlakore afe a malelele?

Bolelele



Kotara 4

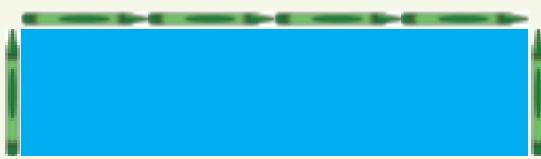


Lehlakore le lelelele ke dikerayone tse _____.

Lehlakore le lekgutswane ke dikerayone tse _____.



Araba tse latelang.



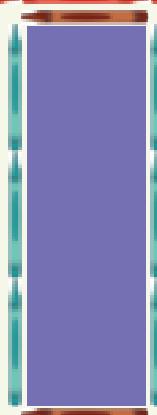
Lehlakore le lelelele ke dikerayone tse

Lehlakore le lekgutswane ke
dikerayone tse _____.



Lehlakore le lelelele ke dikerayone tse

Lehlakore le lekgutswane ke
dikerayone tse _____.



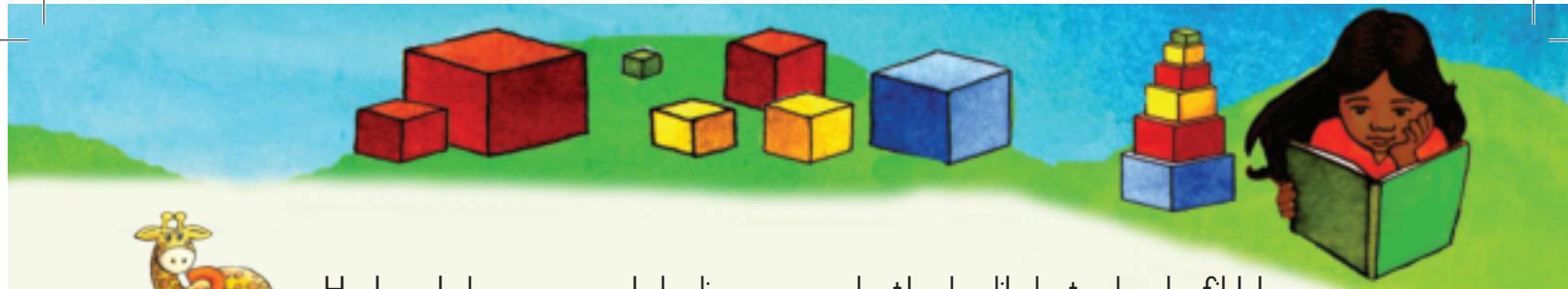
Lehlakore le lelelele ke dikerayone tse

Lehlakore le lekgutswane ke
dikerayone tse _____.

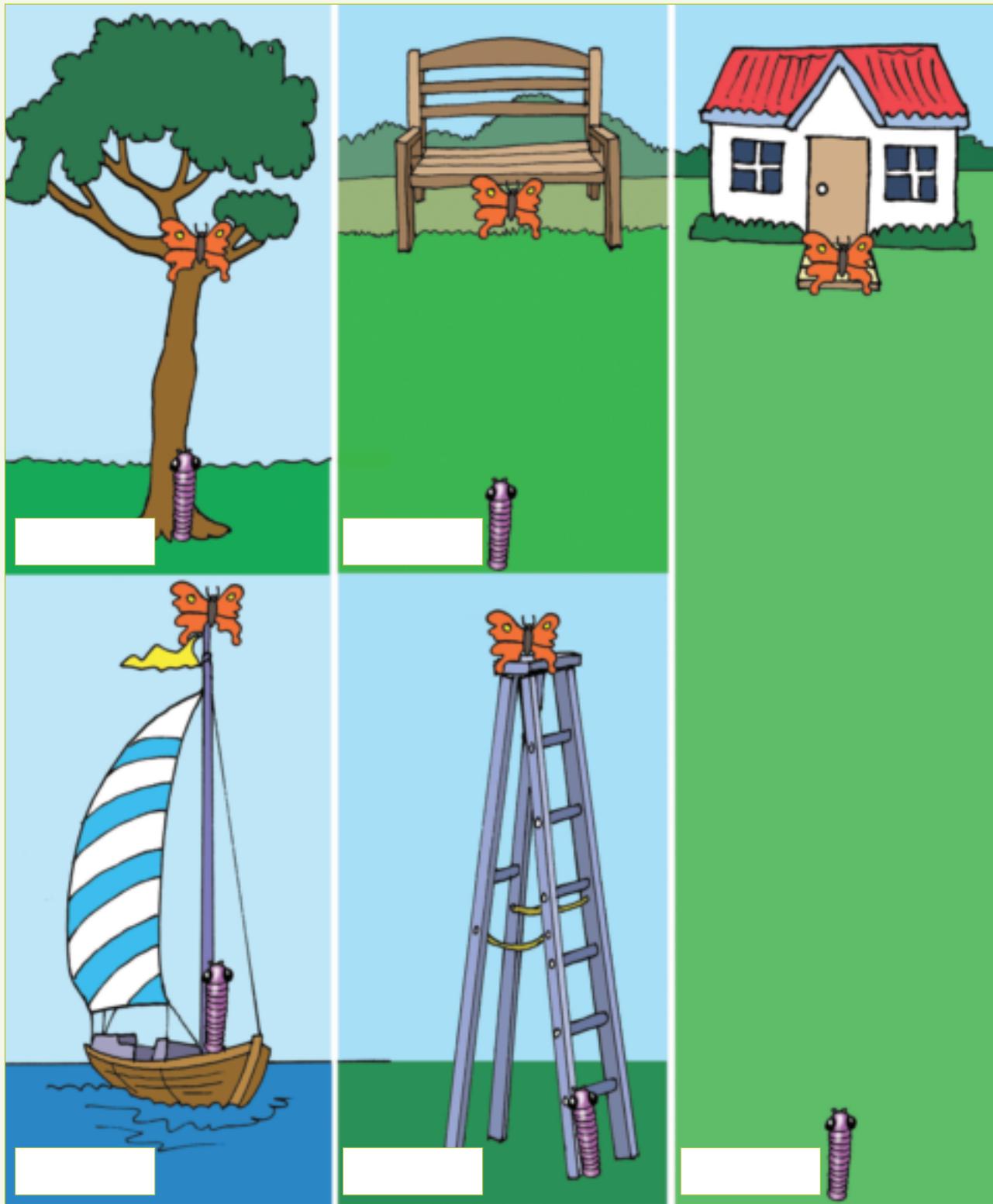


Lehlakore le lelelele ke dikerayone tse

Lehlakore le lekgutswane ke
dikerayone tse _____.



Haeba seboko se seng se le hodima se seng, ho tla nka diboko tse kae ho fihlela serurubeleng?



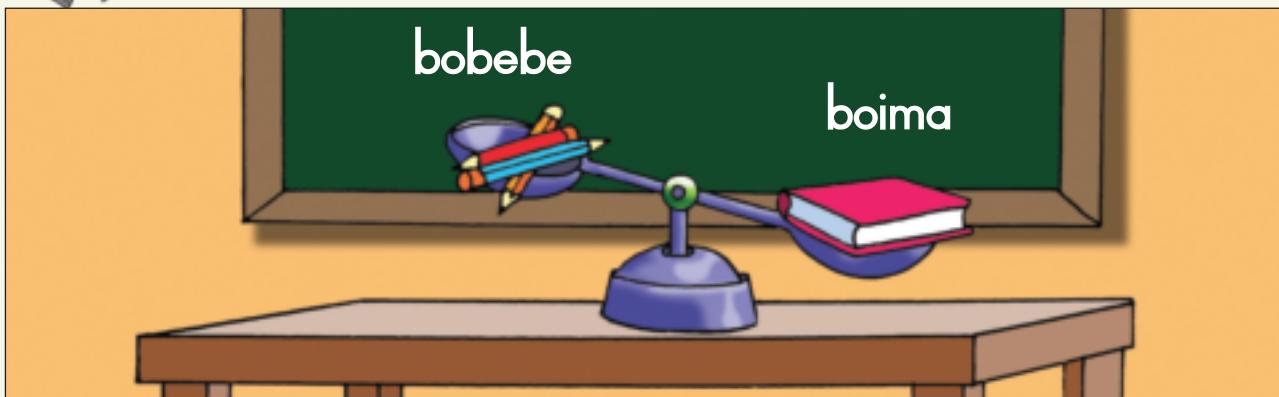
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| Teacher: |
| Sign: |
| Date: |



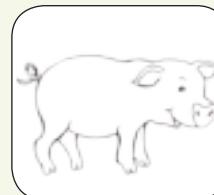
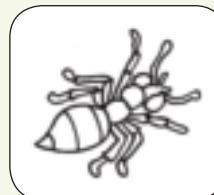
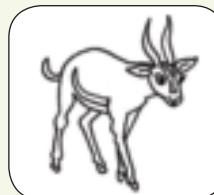
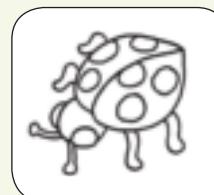
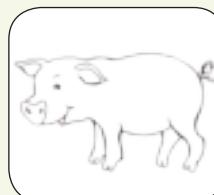
Boima le bobebe di bolela eng?

bobebe

boima



Tlotsa setshwantsho kapa ditshwantsho ka mmala o bontshang hore ntho e ka lesakaneng le letala e boima ho feta e nngwe.



Sheba setshwantsho. Fumana ditshwantsho tse 2 tsa dintho tse boima haholo.

Di kgomareste mona.



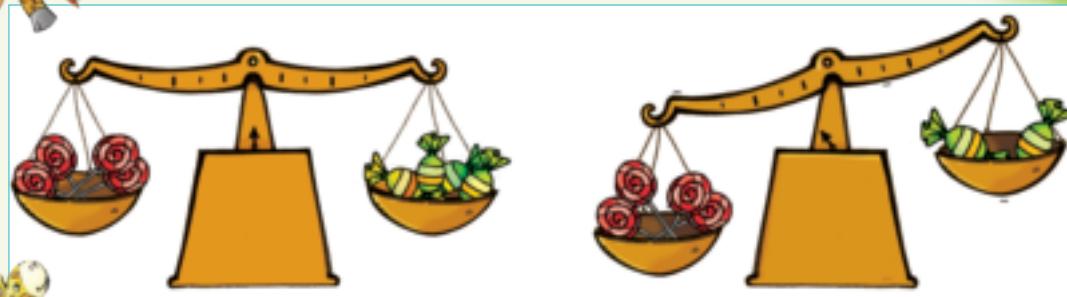
Sheba setshwantsho. Fumana ditshwantsho tse 2 tsa dintho tse bobebenyana.

Di kgomaretse mona.

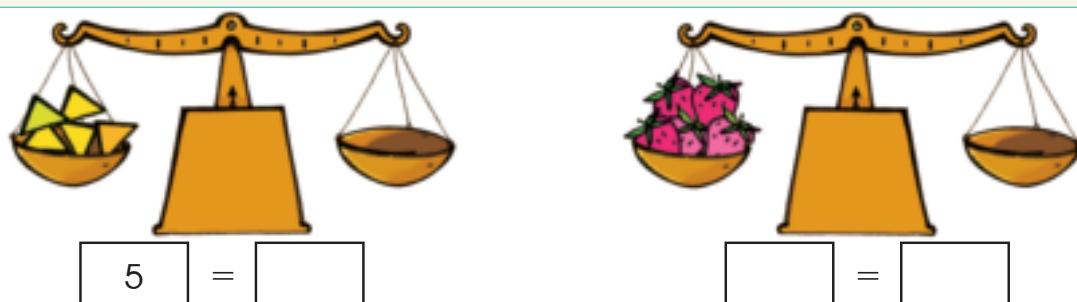




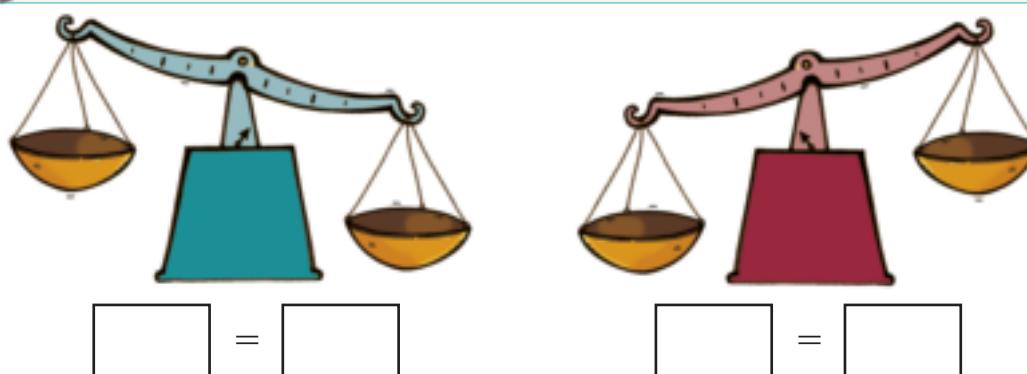
Bolela hore dikala tsa ho metha di a lekana kapa tjhe.



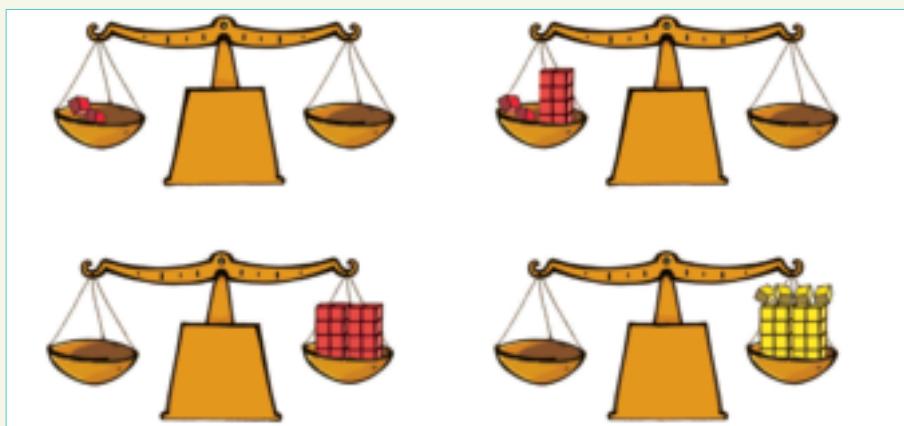
Etsa hore dikala tsa ho metha di a lekana. Taka ditshwantsho hara dikala tse se nang letho.



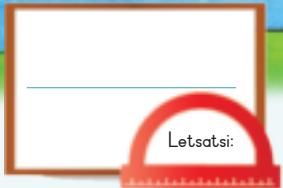
Etsa ditshwantsho ho bontsha hore sekala sa ho metha se a lekana.



Eketsa diboloko ho etsa hore dikala di lekane $\boxed{\text{red}} = \boxed{\text{yellow}} \quad \boxed{\text{yellow}}$.



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Ho Arola ho isang dikarolwaneng

Kotara 4

Arolela metswalle e meraro diapole tsena.



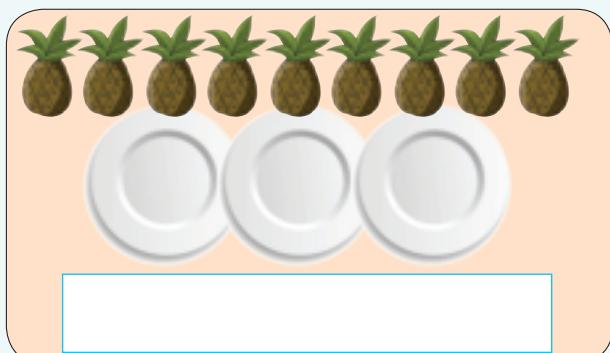
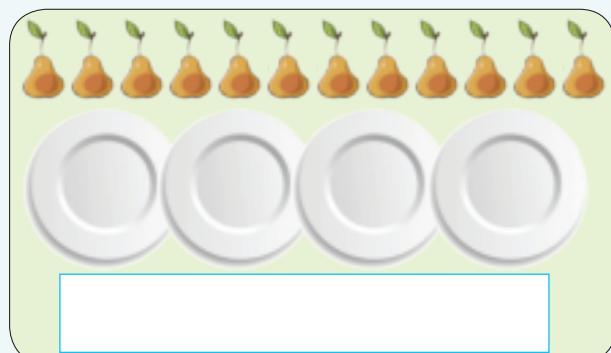
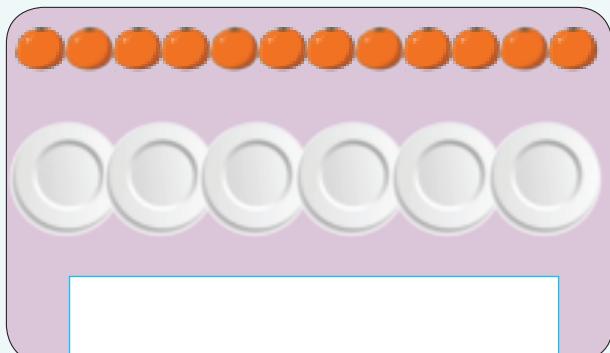
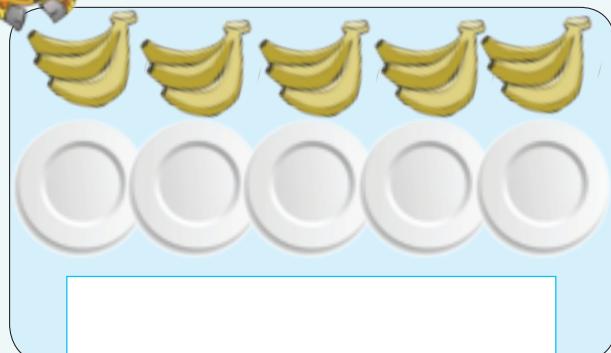
E mong le emong o fumana diapole tse kae?
Tse Nne.

E mong le e mong o fumana karolwana e
kae? Karolwana ya nngwe borarong.



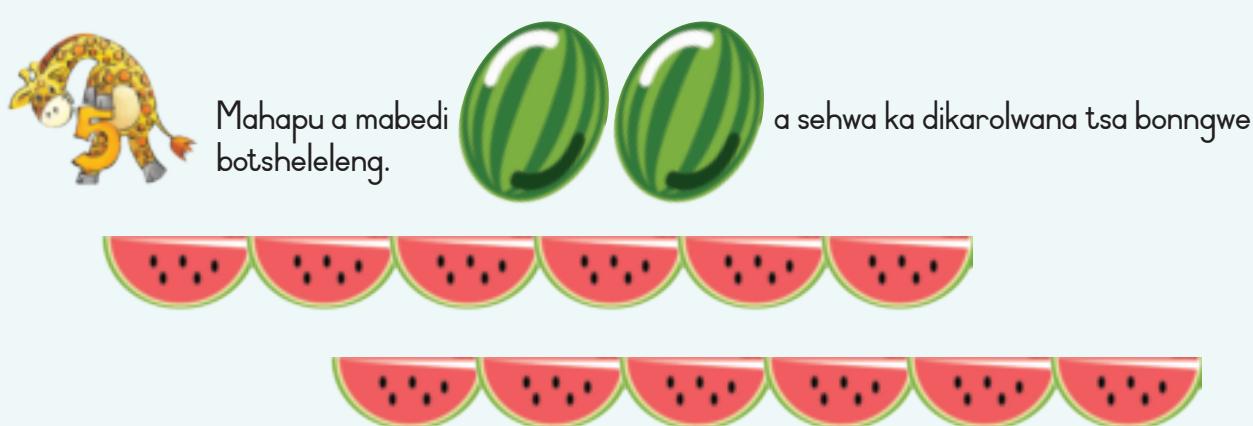
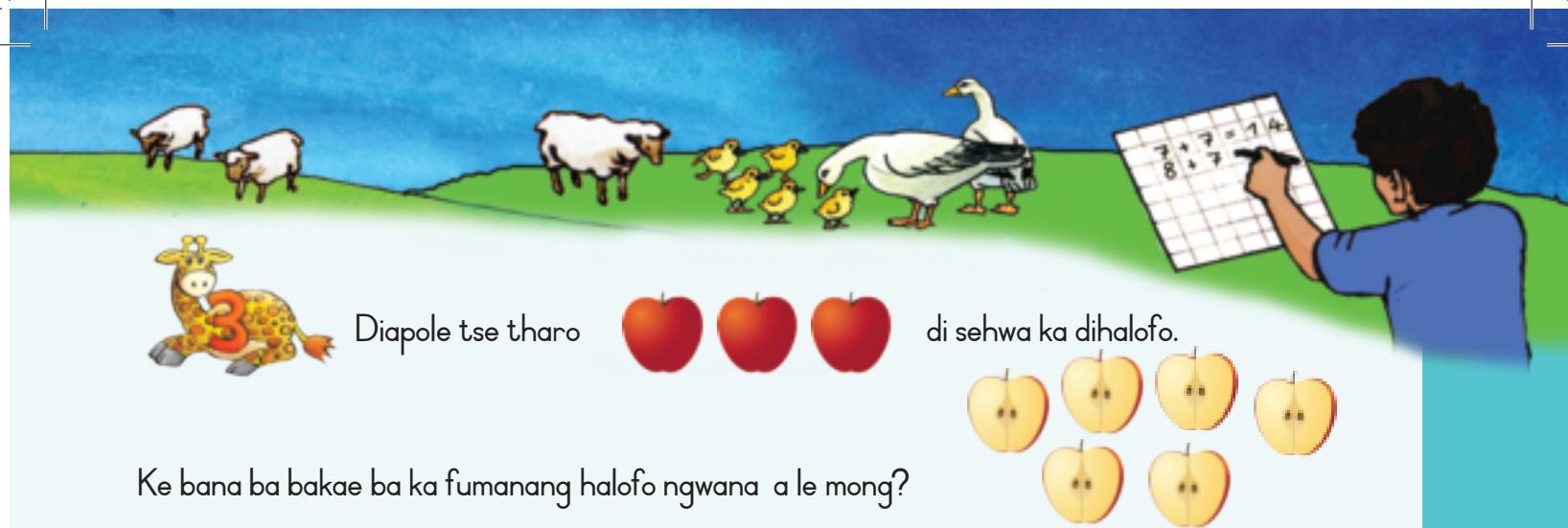
Sheba mohlala o ka hodimo mme o qetele tse latelang.

- Arolela metswalle ya palo e fapaneng tholwana.
- Bolela hore motswalle a le mong o fumana karolwana e kae.

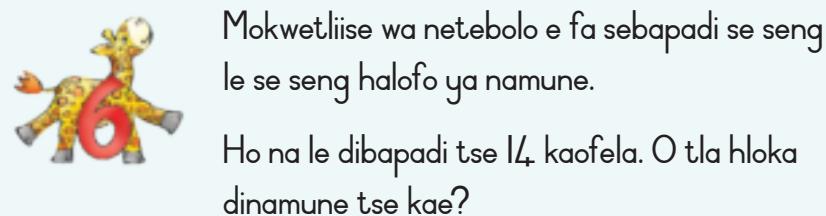


Nkgono o fa Kiki dinamune tse 12. Kiki o etsa lero la namune
ka karolwana ya nngwe borarong ya dinamune.
O sebedisitse dinamune tse kae?

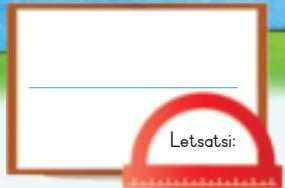




Ke bana ba bakae ba ka fumanang karolwana ya bonngwe botsheleleng?

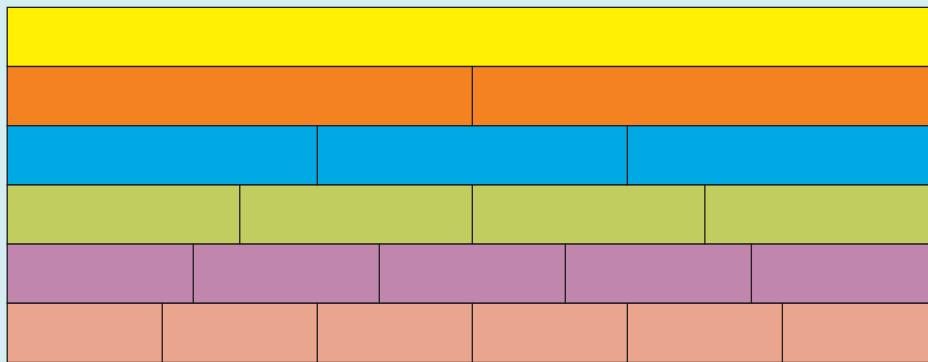




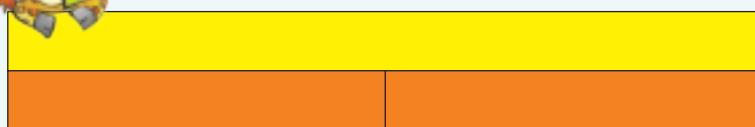


Dikarolwana

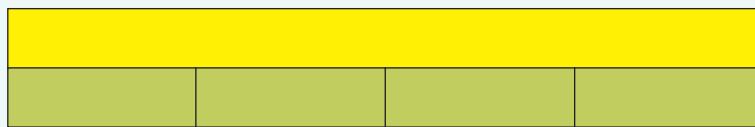
Sekotwana se seng le se seng se bolelang? Mantswe a ka hole letona a tla o thusa. Bapisa lentswe le sekotwana.



Qetella tse latelang.



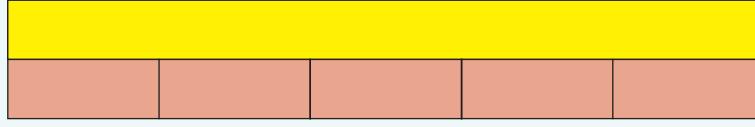
Dihalofo tse 2 di lekana le _____ e feletseng.



Dikotara tse 4 di lekana le _____ e feletseng.



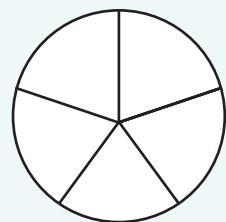
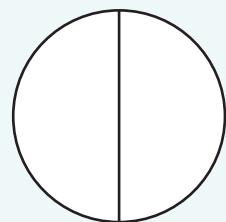
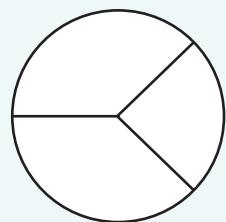
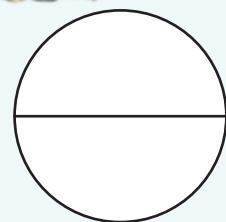
Dikarolwana tse 3 tsa bonngwe borarong di lakana le _____ e feletseng.

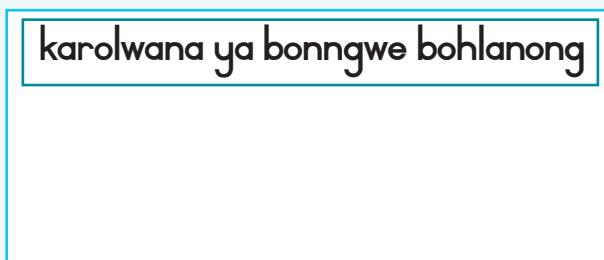
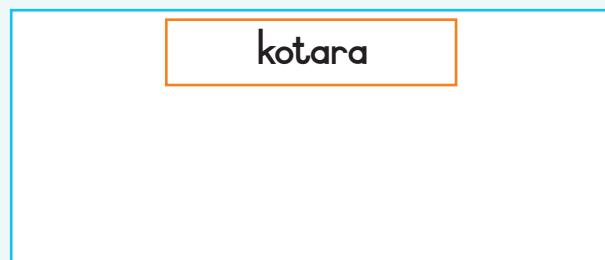
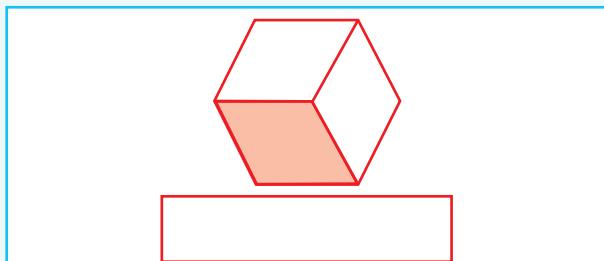
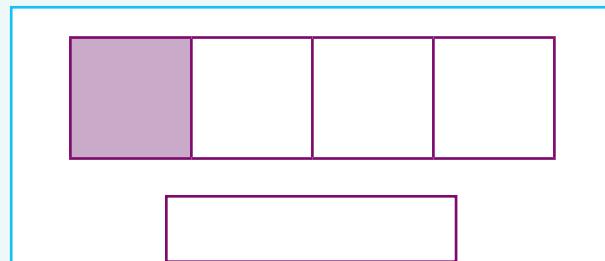
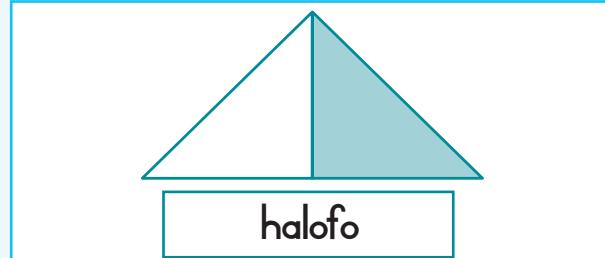


Dikarolwana tse 5 tsa bonngwe bohlanong di lakana le _____ e feletseng.



Tlotsa karolwana ya e nngwe le e nngwe ya tse latelang ka mmala. O hlokomela eng?





Botsa mme wa hao kapa mohlokomedi wa hao hore o tla reka eng:

- Halofo ya:
- Karolwana ya bonngwe borarong:
- Kotara ya:
- Karolwana ya bonngwe botsheleleng:

| |
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| |
| |
| |
| |





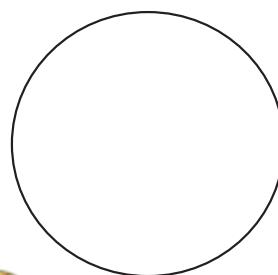
Dikarolwana hape

O tla batla selae sa kuku efe. Hobaneng?

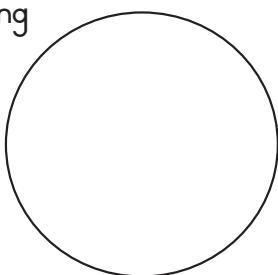


Motswallé wa hao o o kopa ho arola pizza ena ka dilae tse lekanang. Etsa setshwantsho ho bontsha tse latelang.

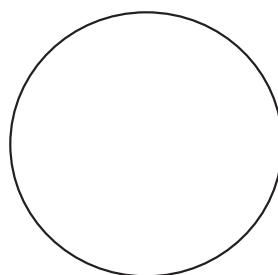
Dihalofo



Dikarolwana tsa bonngwe borarong



Dikotara



Tshwaya karabo e nepahetseng.

Wena le motswallé wa hao le ja dihalofo tse pedi tsa pizza.
Le jele pizza e kae?

- Halofe e le nngwe ya pizza kapa
- Pizza kaofela?

Thabo, Sipho le John ba jele karolwana ya bonngwe borarong ya pizza. Ba jele pizza e kae?

- Karolwana ya boraro ya pizza kapa
- Pizza e feletseng?

Lindy, Suzan, Lerato le Palesa ba jele pizza e feletseng.

- Kotara ya pizza kapa
- Dikotara tse nne tsa pizza?

Araba dipotso tse latelang:

- Haeba ke arola pizza ka dikarolwana tsa bonngwe bohlanong, re tla tshwanelo ho ja dikarolwana bonngwe bohlanong tse kae hore re je pizza yohle? _____
- Haeba ke arola kuku ka dikarolwana tsa bonngwe botsheleleng, re tla ja dikarolwana tse kae tsa bonngwe botsheleleng hore ebe re jele kuku yohle. _____



Sehlopha se seng le se seng
sa metswalle se fumana
pakete e nnnyane ya
dipompong tsa dijelly tots.



| | | | |
|--|----------------------|--------------------------------------|---------------------|
| Sehlopha | 1 | 2 | 3 |
| Bana ba sehlopheng | 2 | 3 | 4 |
| Motswalle a le mong o tla fumana dijelly tots tse kae haeba dijelly tots di arolwa ka ho lekana? | | | |
| Tshwaya sehlopha seo o batlang ho ba ho sona. Hobaneng? | | | |
| E mong le e mong o tla fumana dipompong tse kae? O hlokomela eng? | Dihalofo tse pedi | Dikarolwana tse tharo borarong | Dikotara tse nne |



Tlotsa dikarolwana tse tshwanang le e
feletseng ka mmala.

karolwana ya nngwe bohlanong

dikarolwana tsa boraro bohlanong

dikotara tse tharo

dikotara tse pedi

dikarolwana tse pedi tsa bohlano

dikotara tse nne

kotare e le nngwe

dihalofo tse pedi karolwana ya bone bohlanong **karolwana ya bohlano bohlanong**

Dikarolwana tsa bobedi borarong

karolwana ya bobedi bohlanong

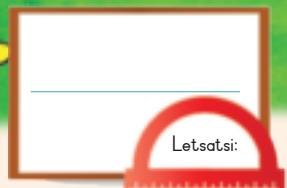
karolwana ya boraroborarong

dikarolwana tsa bobedi borarong

O ka batla ho fumana dikotara tse nne tsa tjhokolete kapa tjhokolete e feletseng?
Hobaneng?



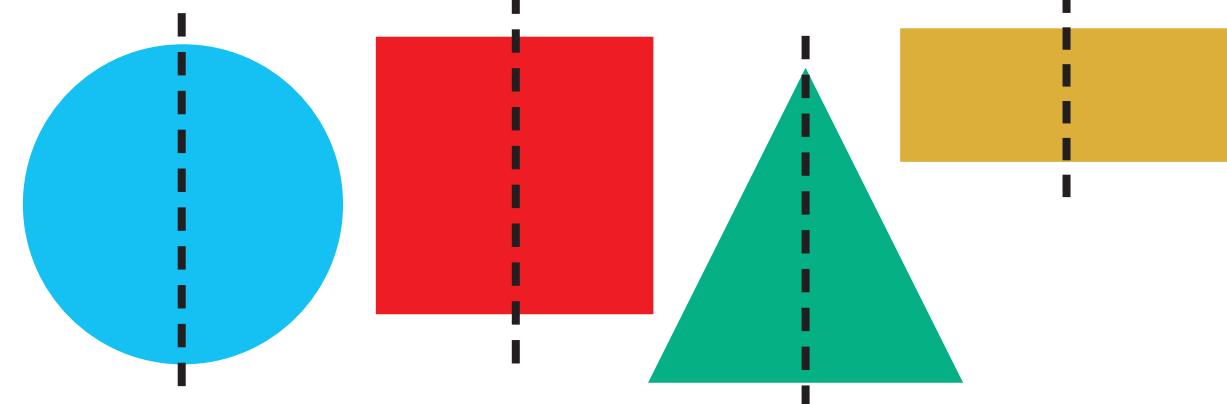
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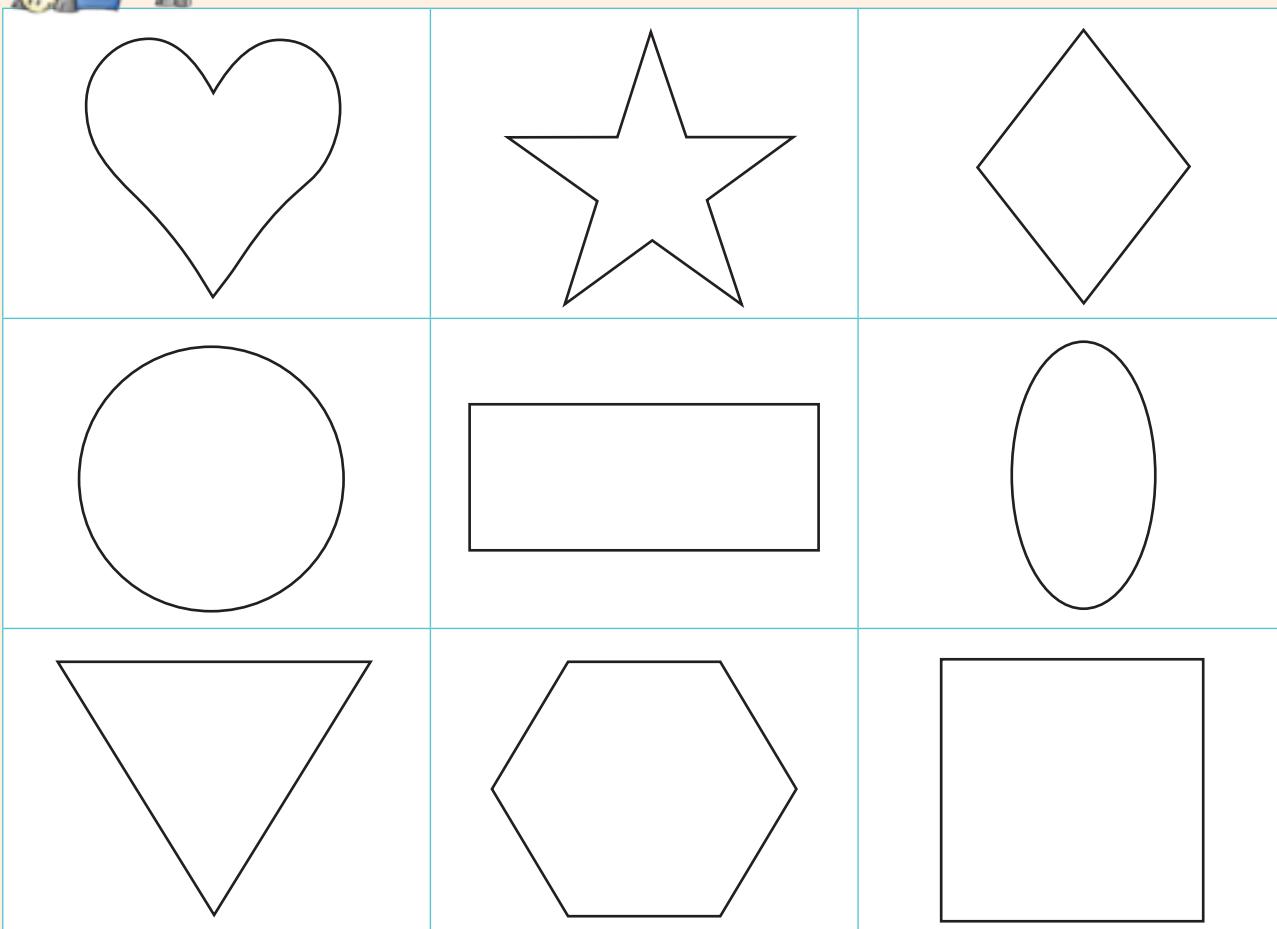
Simeteri le dibopeho

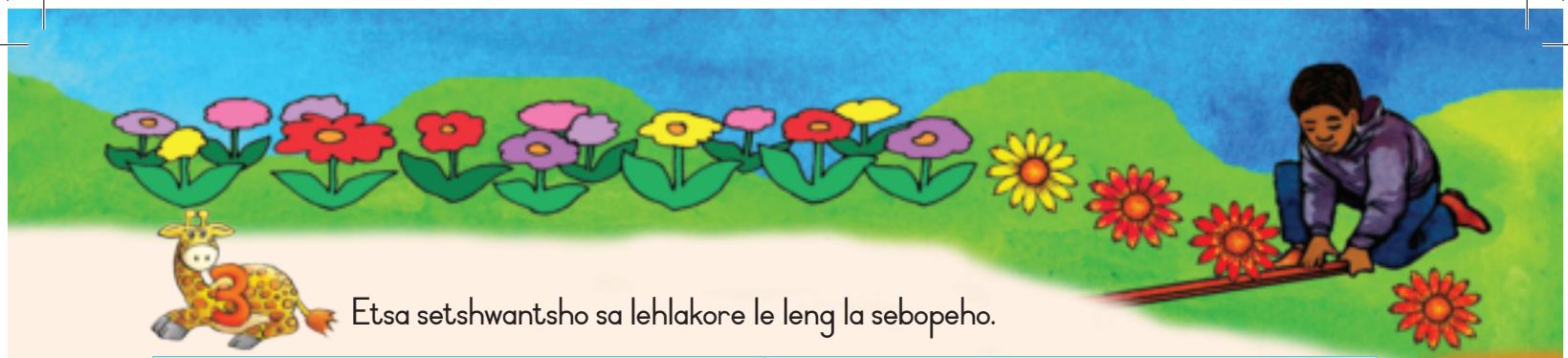
Sheba ditshwantsho tsa dibopeho. Na lehlakore le leng la sebopheho le tshwana le lehlakore le leng? Na mahlakore ana a lekana?

Kotara 4

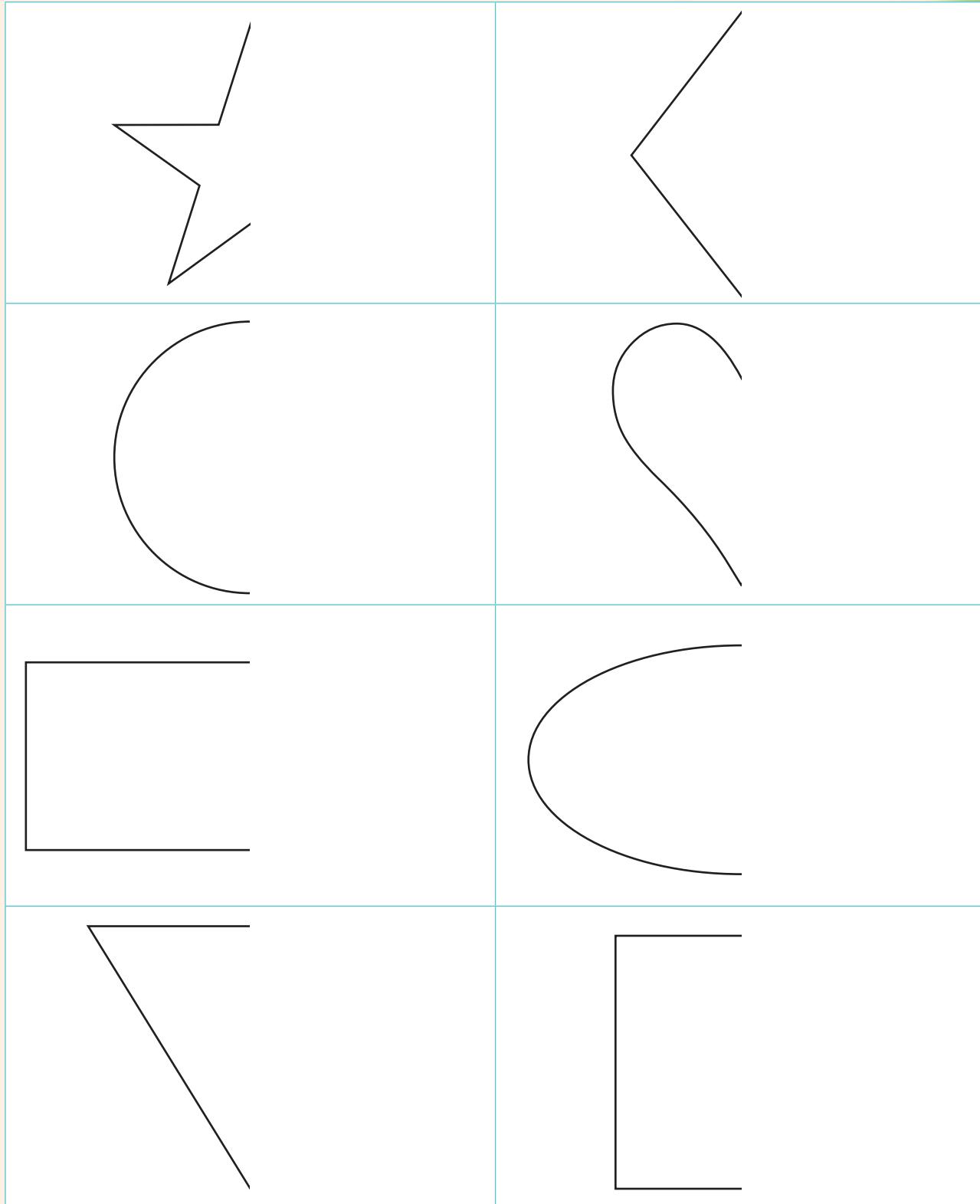


Thala mola hore lehlakore le leng la sebopheho le tshwane le lehlakore le leng.





Etsa setshwantsho sa lehlakore le leng la sebopetho.





Dihlopha le dikarolwana

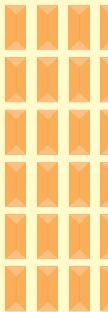
Kotara 4

Sheba ditshwantsho tsena. O ka bala dibopeho ka potlako e kae?

Ena ke kholomo.



Ona ke mola.



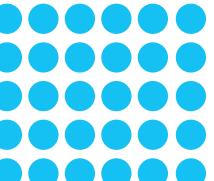
O sebedisitse dikholomo le mela jwang hore di o thus?

Ho na le dibopeho tse kae mona? Halofe e le nngwe ya dibopeho ke bokae?

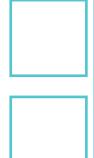
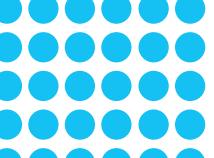
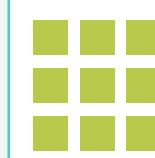


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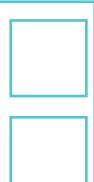
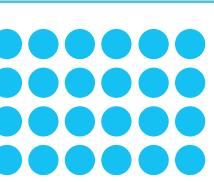
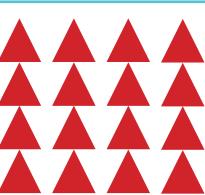
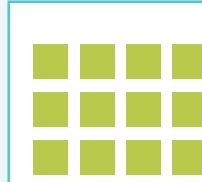
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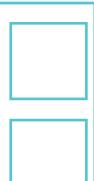
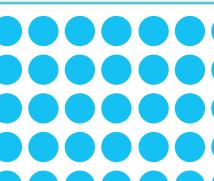
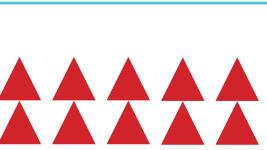
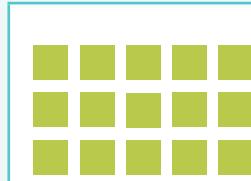
Ho na le dibopeho tse kae mona? Karolwana ya bonngwe borarong ya dibopeho ke bokae?



Ho na le dibopeho tse kae mona? Kotara e le nngwe ya dibopeho ke bokae?

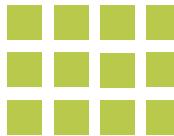
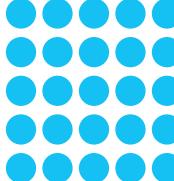


Ho na le dibopeho tse mona? Karolwana ya bonngwe bohlanong ya dibopeho ke bokae?





Qetella papetla e ka tlase.

|  | Ho atisa ka palo ya polelo | Ho arola ka palo ya polelo | Ke eng? | Ke eng? |
|--|--|--|---|--|
|  | $2 \times 3 = 6$ kapa $3 \times 2 = 6$ | $6 \div 2 = 3$ kapa $6 \div 3 = 2$ | Halofe e le nngwe ya dintho kebokae? 3 | Karolwana ya bonngwe borarong ya dintho? 2 |
|  | | | Karolwana ya bonngwe borarong ya dintho? | Kotare e le nngwe ya dintho? |
|  | | | Kotare e le nngwe ya dintho? | Karolwana ya bonngwe bohlanong ya dintho? |



Sebedisa dihlopha ho bontsha tsena:

| | | |
|--|---|--|
| Kotara e le nngwe ya dipompong tse 12. | Karolwana ya bonngwe borarong ya ya dipompong tse 12. | Halofe e le nngwe ya dipompong tse 12. |
|--|---|--|

Mme o bakile dikuku tse 24 bakeng sa ho di rekisa mmarakeng wa selehae. Sena ke seo ba se otarileng: Sebedisa ditshwantsho tsa dikuku ho o tataisa.

halofe ya setoroberi masalla e be ba vanilla.



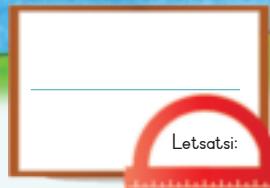
kotare e le nngwe ya tjhokolete mme masalla e be vanilla.



karolwana ya bonngwe borarong ya caramel mme masalla e be vanilla.



Teacher:
Sign:
Date:



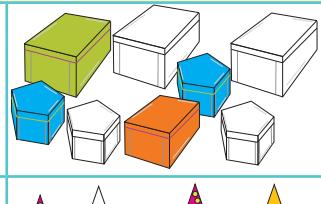
Dikarolwana tsa pokelletso ya dintho

Sheba ditlhaloso mme o di bapise le ditshwantsho ho bontsha dikarolwana tsa dintho tse tlotsitsweng ka mmala. Buisanang ka tsona.

Halofo e le l ya pokeletso ya dintho



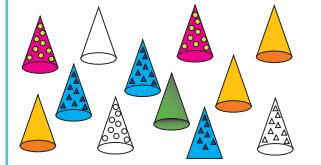
Karolwana ya bonngwe borarong e
le l ya pokeletso ya dintho



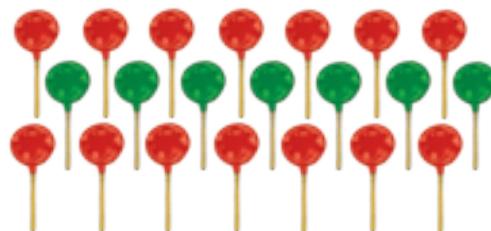
Kotara e le l ya pokeletso ya dintho



Karolwana ya bonngwe bohlanong
e le nngwe ya pokeletso ya dintho



Iketsitse polelo ya hao ditshwantshong tse ka tlase. O lokela ho kenya mantswe a
dikarolwana polelong ya hao.





Rarolla bothata ba palo ya polelo. Mme o entse theolelo ya thepa ya ...

O ne a na le di T-shete tse 15. O rekisitse tse 5.
O rekisitse karolwana e kae?
Thala mola ka tlasa potso.
Ke dipalo dife tsa motheo? _____
Taka setshwantso ho bontsha karabo ya hao.

O a na le dijeresi tse 18. O rekisitse tse 9.
O rekisitse karolwana e kae?
Thala mola ka tlasa potso.
Ke dipalo dife tsa motheo? _____
Taka setshwantsho ho bontsha karabo ya hao.

O ne a na le dikete tse 12. O rekisitse tse 3.
O rekisitse karolwana e kae?
Thala mola ka tlasa potso.
Ke dipalo dife tsa motheo? _____
Taka setshwantsho ho bontsha karabo ya hao.

O ne a na le dibaki tse 20. O rekisitse tse 4.
O rekisitse karolwana e kae?
Thala mola ka tlasa potso.
Ke dipalo dife tsa motheo? _____
Taka setshwantsho ho bontsha karabo ya hao.



Ke karolwana e kae ya dikuku e tlotsitsweng ka aesing ya panana?

Aesing ya setoroberi?

Aesing ya Bubblegum?



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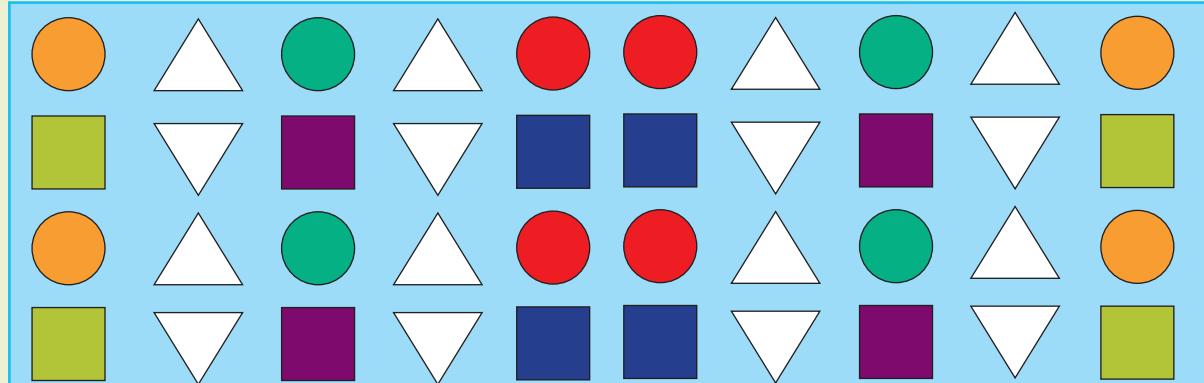
Dipaterone tsa simetiri

Kotara 4

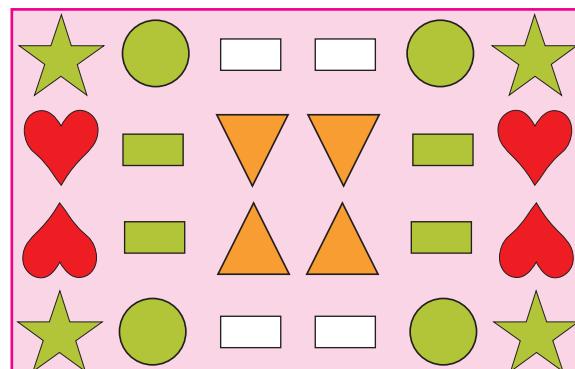
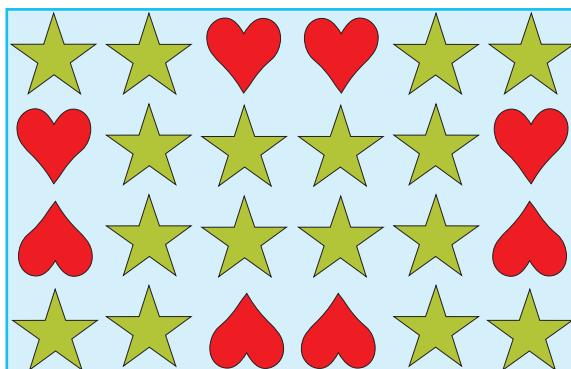
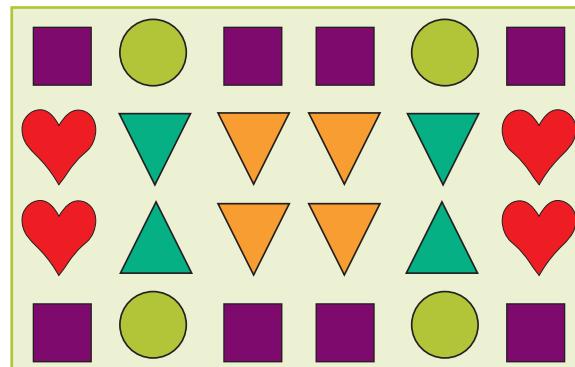
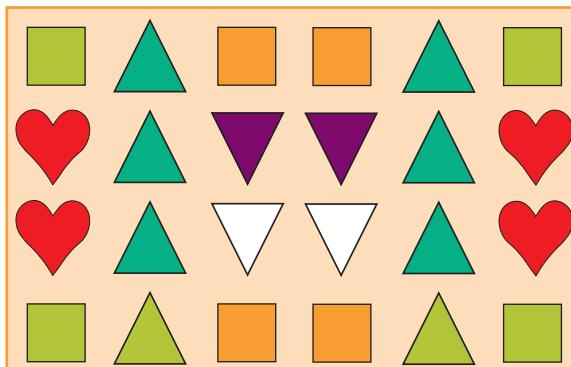


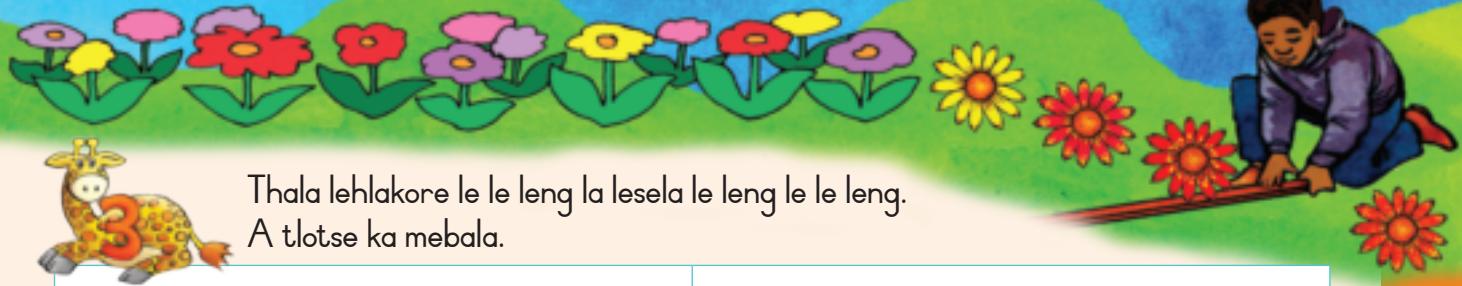
Sheba ditshwantsho tsa masela a ho apesa bethe. Ke sefe seo o se hlokomelang?

Letsatsi:

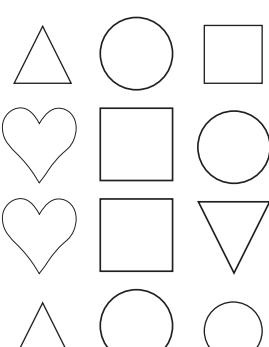
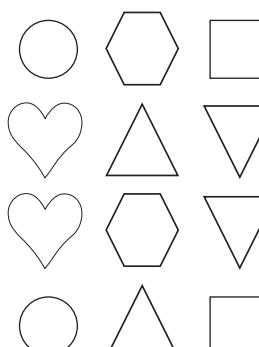
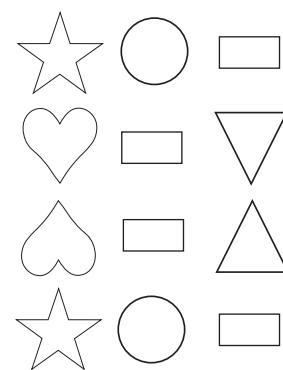
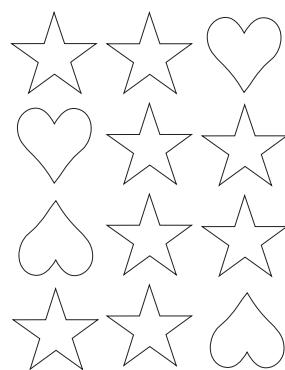
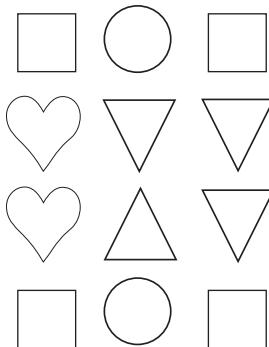
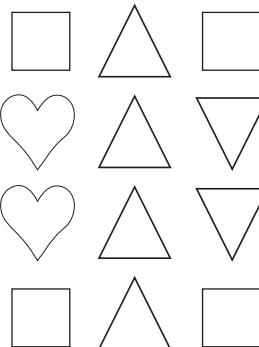


Thala mela hore lehlakore le le leng la masela ana le tshwane le lehlakore le leng.





Thala lehlakore le le leng la lesela le leng le le leng.
A tlotse ka mebala.

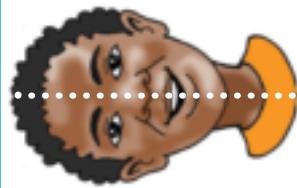


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| Teacher: |
| Sign: |
| Date: |

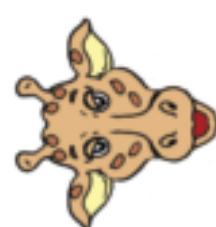
Bongata ka Simeteri

Sheba ditshwantsho tsa difahlheho.
Na lehlakore le leng la sefahlheho le tshwana le lehlakore le leng?

Lebasidi:



Thala mola hore lehlakore le leng la sefahlheho le tshwane le lehlakore le leng.



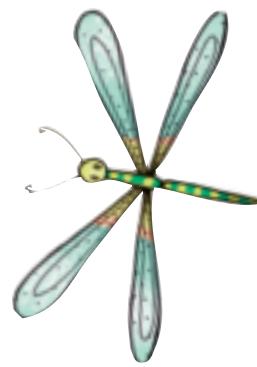
Etsa setshwantsho sa lehlakore le leng la sefahlheho.
Paterone ya dipalo e tla o thusa.



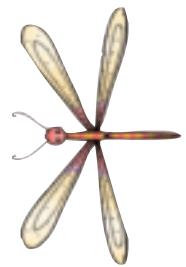
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Kotdra L

Sheba ditshwantsho le dibopetho. Na lehlakore le leng |
kokonyana le tshwana le lehlakore le leng?



Thala mola hore lehlakore le leng la kokonyana le tshwane le lehlakore le leng.



Etsa setshwantsho sa lehlakore le leng la kokonyana.



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



Teacher:
Sign:
Date:

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