

**Ukufunda ngoMthethosisekelo weRiphabliki yeSewula (1996)**

UMthethosisekelo weSewula Afrika (1996) umumethe imithetho yenarha eseqophelweni eliphezulu. Imithetho le kumele ilandelwe ngumongameli wenarha, abaphathi beenkundla zemithetho kanye nalabo abasembusweni.

Imithetho le ihlathulula kobana abantu benarha bafenele baphathane njani, ukuthi ngimaphi amalungelo wabo nokuthi ngiziphi iimbopho abanazo. UMthethosisekelo wenzelwe ukusivikela soke thina kanye nabentwana bethu ngomuso.

**Kuqakathekile ukwazi izehlakalo zesikhathini esidlulile ko.**

**Asingabu yeleli iimphoso zangesi khathi esidlulile ko.**

**UMthethosisekelo usisiza ukucabanga nok wakha ilingomuso elingcono lethu soke.**

Thina, abantu beSewula Afrika;

Siyakwazi ukungaphatheki kwethu ngokomthetho esikhathini esadlulako;

Siphathela phezulu abahlukunyezwa ngebanga lokobana kubenokulunga begodu nekululeko enarheni yekhethu;

Sihlonipha labo abasebene ekwakheni begodu nekuthuthukiseni iphasi lekhetu; begodu

Bakholelwa bonyana iSewula Afrika ngeyabo boke abahlala kiyo, sibambene ngokwahlukahlukana kwethu.

Ngalakho-ke, ngabajameli bethu abakhethwe ngokukhululekile; samukela uMthetho-sisekelo lo njengoMthetho wokuthoma weRiphabliki oza—

Kuqeda ukwahlukana okwadlulako begodu sakhe umphakathi ozokuzimelela kuminqopho yentando yenengi ubulungiswa begodu namalungelo wangokomthetho wobuntu.

Ukubeka isisekelo sentando yenengi begodu nomphakathi onzinzileko lapho umbuso unzinze khona phezu kwentando yesitjhaba begodu lapho zoke izakhamuzi zivikelwe khona ngokomthetho.

Ukwenza ncono izinga lepilo yazo zoke izakhamuzi begodu nokuvezwa kwekgono lawo woke umuntu;

Ukwakha, iSewula Afrika ebumbeneko begodu nenentando yenengi ezokwazi ukuthatha indawo yayo njengenarha ezijameleko emndenini weentjhabatjhaba.

**Funa ngekani amalungelo wakho njengesakhamuzi seSewula Afrika bewube nesibopho sokuvikela amalungelo wabanye abantu.**

**Ukwazi umThethomling wa wamalungelo Kanye nomThethomling wa weembopho.**

*UZimu akavikele abantu bekhethu.*

*Nkosi Sikelel' iAfrika. Morena boloka setjhaba sa heso.*

*God seën Suid-Afrika. God bless South Africa.*

*Mudzimu thatutshedza Afurika. Hosi katekisa Afrika.*

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**MATHEMATICS IN ISINDEBELE  
GRADE 3 – BOOK 1  
TERMS 1 & 2  
ISBN 978-1-4315-0008-6**

THIS BOOK MAY NOT BE SOLD.

**13th Edition**



IMBALO NGESINDEBELE – IGreyidi 3 Incwadi 1

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Ukubuyekeza, ihlaliswe ngokwesititimende sekharukhyulamu nomThethomgomo wokuhloa.



Ibizo:

Itlasi:



**basic education**

Department:  
Basic Education  
REPUBLIC OF SOUTH AFRICA

**IMBALO NGESINDEBELE**

Incwadi 1  
Ithemu 1 & 2



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UKkz. Angie Motshekga,  
nguNqongqotjhe  
weFundo-Sisekelo



Dorh. Reginah Mhaule  
nguSekela kaNqongqotjhe  
weFundo-Sisekelo

*Iincwadi lezi zenzelwe abantwana beSewula Afrika ngaphasi koburholi bakaNqongqotjhe wezeFundo-Sisekelo uMma u-Angie Motshekga kanye neSekela lakhe Dorh. Reginah Mhaule.*

*Iincwadi zokuSebenzela zakwaRainbow ziyingcenywe yeendlela ezinengi zomNyango wezeFundo-Sisekelo wokungenelela onqophe ukuthuthukisa ukusebenza ngcono kwabafundi beSewula Afrika kumagreyidi wokuthoma asithandathu. Njengamanye wamaHlelo womBuso aphuma phambili, iphrojekthi le isekelwe ngeemali ezibuya esiKhwameni seeMali seLizweloke. Lokhu kusize umNyango ukukhupha iincwadi zokusebenzela lezi ngawo woke amalimi asemthethweni ngaphandle kweendleko.*

*Siyathemba kobana nizokufunyanisa iincwadi zokusebenzela lezi zilizizo khulu ekufundiseni kwenu kwangamalanga kanye nokuqinisekisa kobana abafundi benu bayayiqeda ikharikhyulamu. Sitjheje khudlwana ukuhlela abotjhere komunye nomunye umsebenzi ngokusebenzisa iinthombe ezitjengisako bona ngikuphi umfundi amele akwenze.*

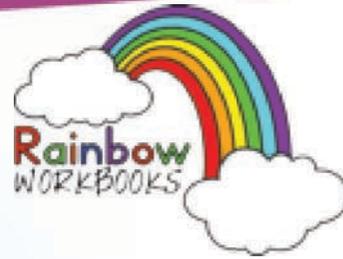
*Siyathemba kobana abantwana bazokuthabela ukusebenzisa iincwadi lezi njengombana bakhula bebefunda nje, begodu wena titjhere uzokwabelana nabo ithabo lokufunda.*

*Sinifisela ipumelelo ekusebenziseni iincwadi lezi.*



Igreyidi

3



# NGESINDEBELE

*Incwadi le ngeyaka:*

---



ISINDEBELE

*Incwadi*



Ilanga:

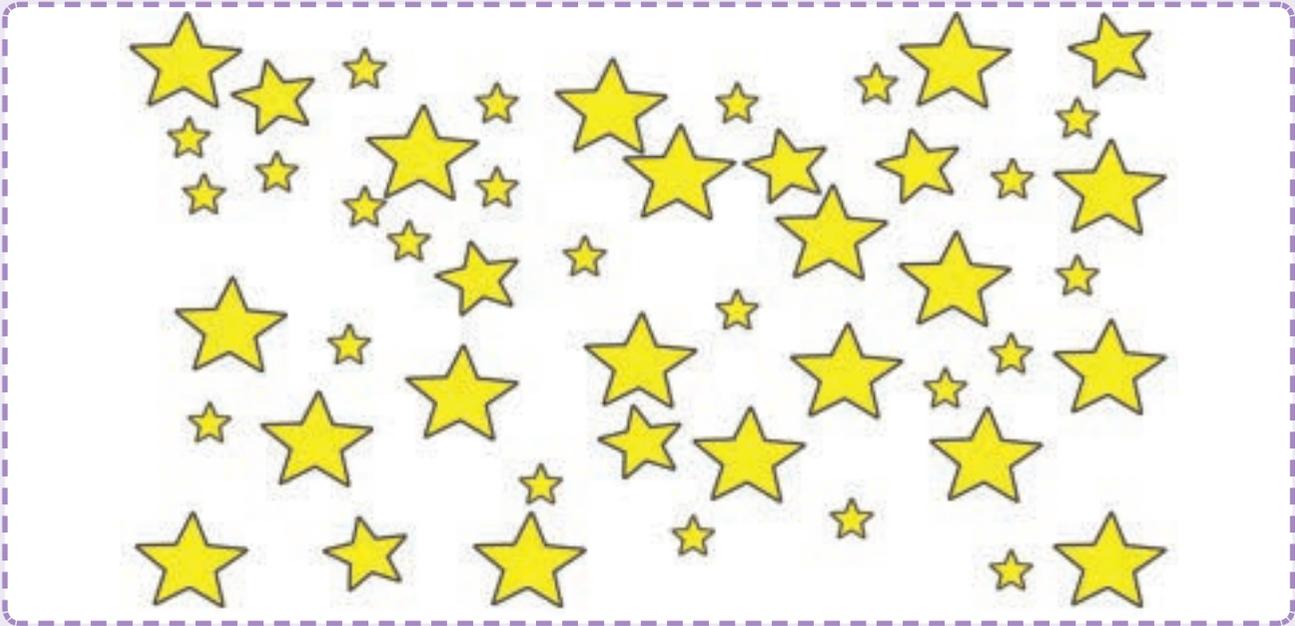
# Balisisa, hlela bewutjengise!

Ithemu I



Ziinkwekwezi ezingaki?

Madanisa iimpendulo.



Linganisa kobana ziinkwekwezi ezingaki. \_\_\_\_\_

Kwanjesi zibale! \_\_\_\_\_



**Thola othumbileko!**

Ngubani olinganise kuhle khulu?

Zalisa amabizo wakho neempendulo etheyibuleni le.

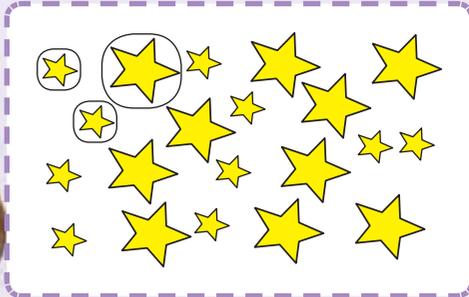
|   |  |  |  |  |
|---|--|--|--|--|
| Ibizo   |  |  |  |  |
| Isilinganiso  |  |  |  |  |
| Inomboro ebaliweko                                    |  |  |  |  |
| Umehluko hlangana nesilinganiso sakho nokubala kwakho |  |  |  |  |



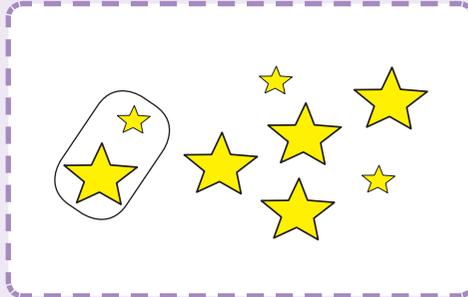
Iindlela zokubala. Sisiza ukuzitlola.



Ngibale ngaku-1.



1, 2, 3, \_\_\_\_\_



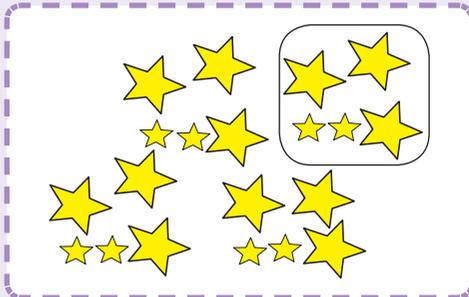
2 \_\_\_\_\_



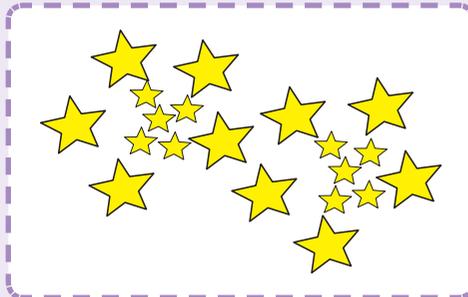
Ngibale ngaku-2.



Ngibale ngaku-5.



5 \_\_\_\_\_



\_\_\_\_\_



Ngibale nge-10.



### Tlola iinomboro zemitjho

Tlola imitjho emibili ukunikela ithothali yesibalo seenkwekwezi ezikulu nezincani ezisekasini le-2. Zitlole ngeendlela ezimbili.

Lokha nawuhlanganisa iinomboro ezinye nezinye ezimbili akwenzi litho kobana zilandelana njani.

Ekulu Encani Ngendlela le *namkha* ngendlela le



godu njengenomboro yomitjho.

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_ *namkha* \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

2

Ilanga: \_\_\_\_\_

# Ukubala okuhlakaniphileko

Ithemu I



Bala amathanga

Fumana indlela elula yokwabala.

A grid of 10 columns and 8 rows of pumpkins for counting practice. The grid is enclosed in a dashed purple border. The number of pumpkins in each column is as follows:

|    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|
| 10 | 2  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |

Ipendulo: \_\_\_\_\_



Paka amathanga

Amathanga alitjhumu angena ngemgodleni munye.



Mingaki imigodla? \_\_\_\_\_

Kusele amathanga amangaki? \_\_\_\_\_

Kutlhogeka amathanga amangaki ukuzaliselela umgodla owodwa ngaphezulu? \_\_\_\_\_



Kusukela ku- + ukuya ku- ×  
 (ukhlanganisa ukuya ekubuyabuyeleleni)  
 Zaliselela iinomboro zomutjho.

Isibonelo:

$$10 + 10 + 10 + 10 = 40 \Rightarrow 4 \text{ ezinengi ezili-}10 = 40 \Rightarrow 4 \times 10 = 40$$



a.  $10 + 10 + 10 = \underline{\hspace{2cm}}$   
 $\underline{\hspace{2cm}}$  ngeenqhema ze-10 =  $\underline{\hspace{1cm}}$   $\Rightarrow$   $\underline{\hspace{1cm}}$   $\times$   $\underline{\hspace{1cm}}$  =  $\underline{\hspace{2cm}}$



b.  $10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 = \underline{\hspace{2cm}}$   
 $\underline{\hspace{2cm}}$  ngeenqhema ze-10 =  $\underline{\hspace{1cm}}$   $\Rightarrow$   $\underline{\hspace{1cm}}$   $\times$   $\underline{\hspace{1cm}}$  =  $\underline{\hspace{2cm}}$



Izandla nemino



Izandla ezingaki?  $\underline{\hspace{2cm}}$

Imino emingaki?  $\underline{\hspace{2cm}}$

Tlola ipendulo yakho ngeendlela ezi-2.

$\underline{\hspace{2cm}}$  ngeenqhema ze-10 =  $\underline{\hspace{2cm}}$

begodu  $\underline{\hspace{1cm}}$   $\times$  10 =  $\underline{\hspace{2cm}}$



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

3a

Ilanga:

Ithemu 1

## Iinomboro phezu kwebhordo lamakhulu



### Iinomboro ezikhulumako

Bala bewutjho zoke iinomboro kusukela ku-1 – 100. Khomba nawulokhu ukhamba.

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



- Tlola inomboro etlhayelako ngebhlogweni ngalinye elihlaza kwesibhakabhaka.
- Tlola ngaphakathi kwezinye iinomboro.
- Sizibiza ngaliphi iinomboro ezisarulani?



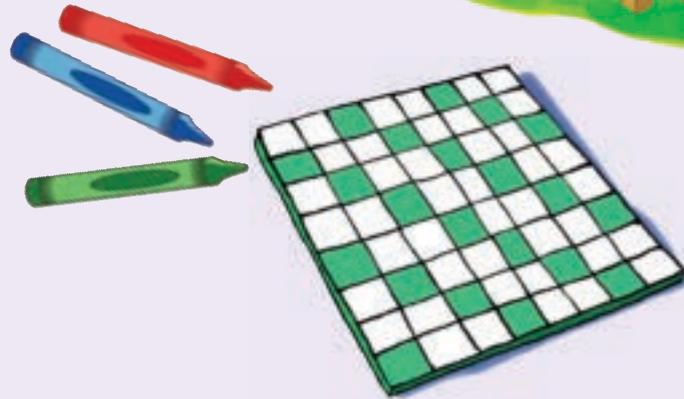
### Tlola iinomboro ngamagama

|    |                    |    |  |
|----|--------------------|----|--|
| 90 | amatjhumu athobako | 41 |  |
| 77 |                    | 56 |  |
| 14 |                    | 65 |  |



## Ukubala nokukhalara

Lungela ukubala umbala!



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

Bala begodu  
uvale ama-10.

Bala ngama-10 kusukela  
ku-10 ukuya e-100.

Tlola ama-10  
ukuya e-100.

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

Bala ngokuvale abo-5  
kusukela ku-0 ukuya  
e-100.

Bala ngaku-5 kusukela  
ku-5 ukuya e-100.

Tlola ngaku-5  
ukuya ema-80.

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

Bala bewuvale aba-2.

Bala ngaku-2 kusukela  
ku-2 ukuya e-100.

Tlola ku-2  
ukuya ema-100.



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

11 12 13 14 15 16 17 18 19 20

3b

Ilanga:

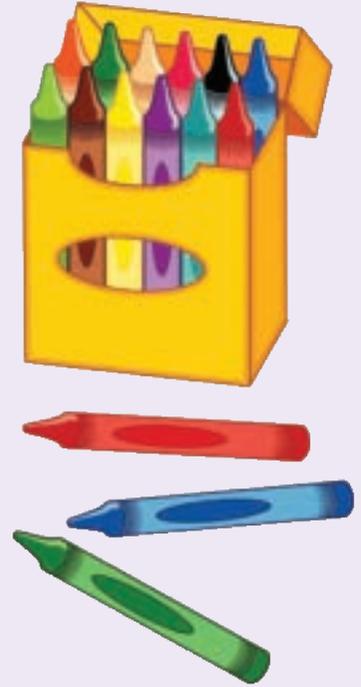
# Iinomboro phezu kwebhordo lamakhulu (ziragela phambili)

Ithemu 1



Qala amaphetheni

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



|                         |  |                                 |
|-------------------------|--|---------------------------------|
| Thikha (✓) woke ama-10. | Tshwaya koke (X) okungaku-5 ngokubeka isiphambano. | Ndulungela (O) koke okungaku-2. |
|-------------------------|--|---------------------------------|

Tlola iinomboro ezimaphetheni wangaku-2 nezingaku-5.

---



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## Amaphetheni wokubala

Zalisa iinomboro ezitlhayelako.

0; 10; 20; \_\_\_\_\_; \_\_\_\_\_; 50; \_\_\_\_\_; \_\_\_\_\_; 80; \_\_\_\_\_; 100; \_\_\_\_\_;  
 \_\_\_\_\_; 130; \_\_\_\_\_; \_\_\_\_\_; 160; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; 200

0; 5; 10; \_\_\_\_\_; \_\_\_\_\_; 25; \_\_\_\_\_; \_\_\_\_\_; 40; \_\_\_\_\_; 50; 55; \_\_\_\_\_;  
 \_\_\_\_\_; 70; \_\_\_\_\_; \_\_\_\_\_; 85; \_\_\_\_\_; \_\_\_\_\_; 100

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

0; \_\_\_\_\_; 8; \_\_\_\_\_; 16; 20; \_\_\_\_\_; 28; \_\_\_\_\_; 36; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_;  
 52; \_\_\_\_\_; \_\_\_\_\_; 64; \_\_\_\_\_; 72; \_\_\_\_\_; 80

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

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



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

11 12 13 14 15 16 17 18 19 20

Ilanga:

4

# Ubukhulu bedijidi

Ithemu 1



Tjengisani iinomboro zenu

Sika amakarada weenomboro kusukela enomborweni yaboSika-I. Sebenzisani amakarada ukwakha iinomboro lezi.

19      43      69      54      35      10      9



19                 $10 + 9 = 19$

43                 $40 + 3 = 43$

Kwanje zenzele wena ngokwakho ngeenomboro lezi usebenzise uSika-I.

54

35

69





Tlolani iinomboro lezi  
Sesinenzele yokuthoma.

Singatjho godu  
kobana abo-1  
abali-9

| 19 | $10 + 9$ | itjhumi li-1 + 9 kanye | itjhumi nethoba |
|----|----------|------------------------|-----------------|
| 43 |          |                        |                 |
| 69 |          |                        |                 |
| 54 |          |                        |                 |
| 35 |          |                        |                 |
| 21 |          |                        |                 |
| 73 |          |                        |                 |
| 44 |          |                        |                 |
| 32 |          |                        |                 |
| 89 |          |                        |                 |
| 17 |          |                        |                 |
| 95 |          |                        |                 |
| 56 |          |                        |                 |
| 68 |          |                        |                 |
| 67 |          |                        |                 |



Tlolani iinomboro ezihlanu ngokulandelana kusukela kencani khulu  
ukuya kekulu khulu

\_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_



Teacher:  
Sign:  
Date:

11 12 13 14 15 16 17 18 19 20

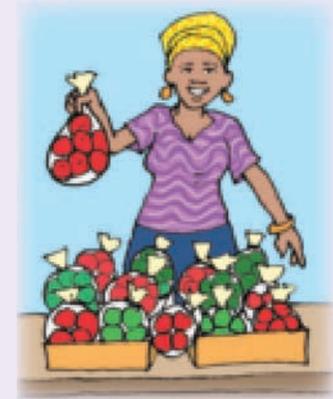
## Ukuhlenganisa nokukhupha



## Isitolo sakaLebo

Ekuseni uLebo uneempakana ezima-19 zama-apula.

Ngesikhathi sesidlo semini sele asele neempakana ezili-13.



a. Ingabe uLebo uthengise iimpakana ezingaki? \_\_\_\_\_

b. Tlola ipendulo yakho njengenomboro yomutjho.

\_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_

Tlola enye inomboro yomutjho ukutjengisa ipendulo efanako.

$15 - 9 = 6$  \_\_\_\_\_



## Nombora

Tlola iimpindulo.

$$1 + 2 = 3$$

Sebenzisa...

+ - =

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



## Nombora imindeni

5

9

14

Nanzi iimbonelo zeenomboro yemindeni.

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



Uyayibona yoke imindeni yabo-14?

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



Ngiyokwenza okufanako nge-12.

12

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



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

11 12 13 14 15 16 17 18 19 20

6

Ilanga:

Ithemu I

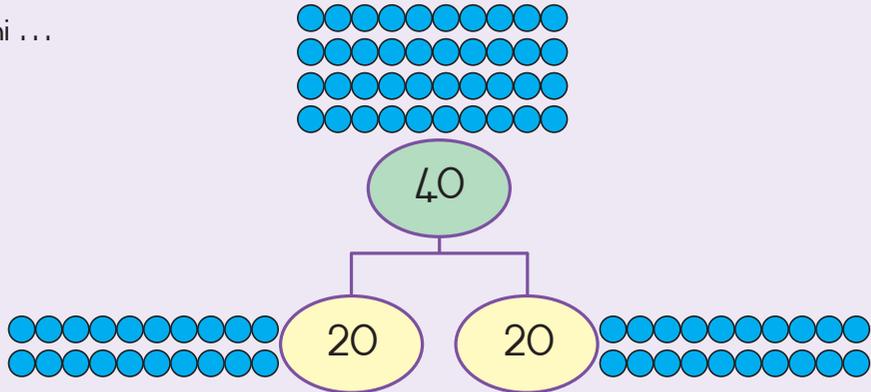
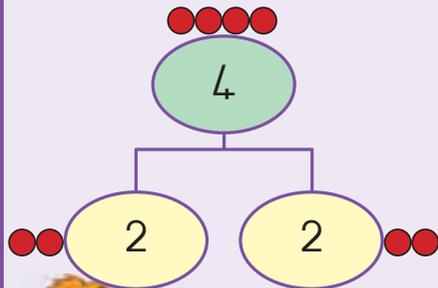
# Ukubuyelelwa kabili nokuhafula

Niyakhumbula?

Ukubuyelela ku-2 kwenza ku-4  
ku-4 kukubuyelelwa kabili kwaku-2

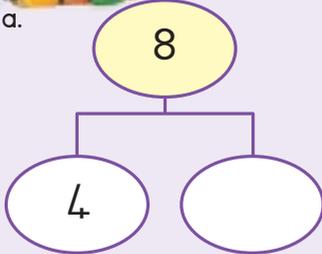
Ukubuyelela ku-20 kwenza ku-40  
ama-40 akubuyelelwa kabili kwama-20

Lokhu singakutjengisa emdwebeni ...

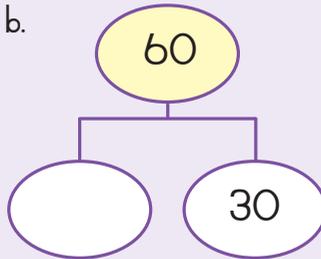


Fumanani okubuyelelwe kabili namkha abohafu

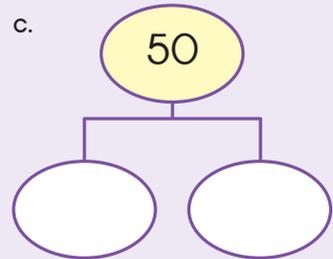
a.



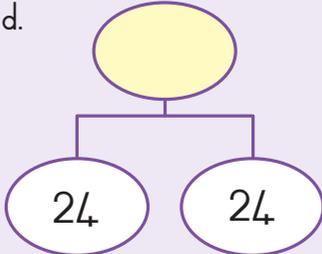
b.



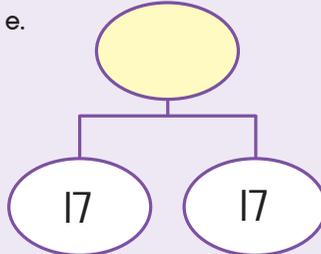
c.



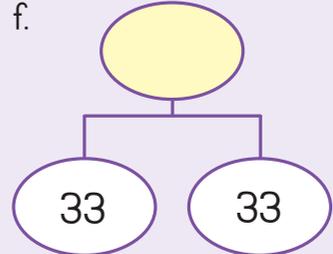
d.



e.



f.



Iselele

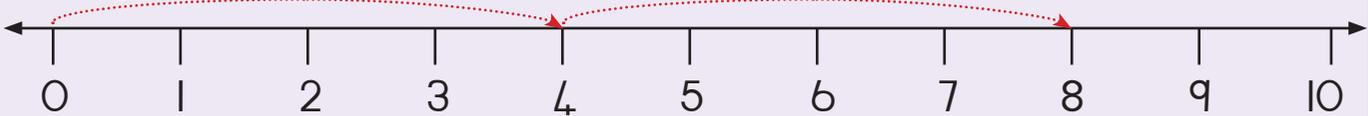
Fumanani ihafu yaku-3

Tjengisani njengenomboro namkha ibizo lenomboro.  
Umqwalo ungakusiza.

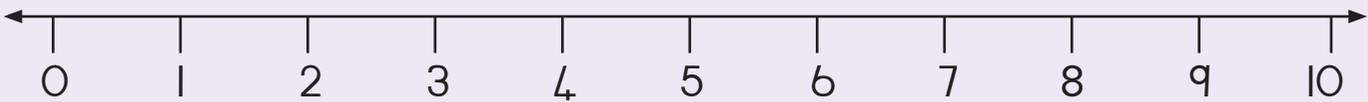


Buyelela inomboro usebenzise inambalayini.  
Wenzelwe isibonelo.

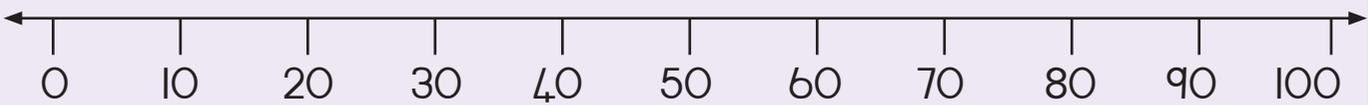
a. Buyelela abo-4  +  =



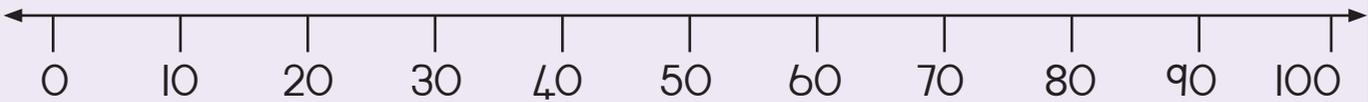
b. Buyelela abo-5  +  =



c. Buyelela abo-20  +  =



d. Buyelela abo-40  +  =



Qedelela okulandelako

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



Qedelela okulandelako

|                  |   |
|------------------|---|
| a. Ihafu yaka-6  | 3 |
| b. Ihafu yaka-8  |   |
| c. Ihafu yaka-14 |   |
| d. Ihafu yaka-60 |   |
| e. Ihafu yaka-70 |   |



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

## Amacezu

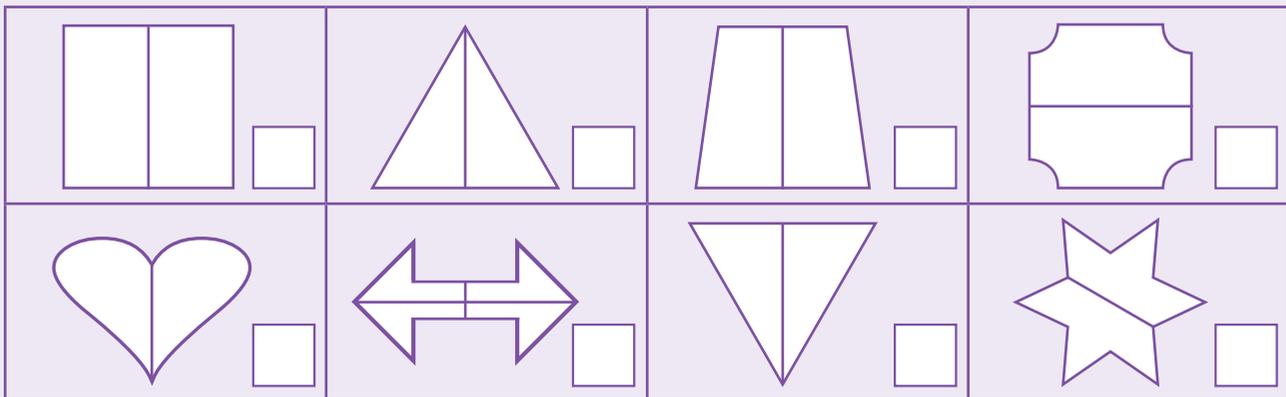
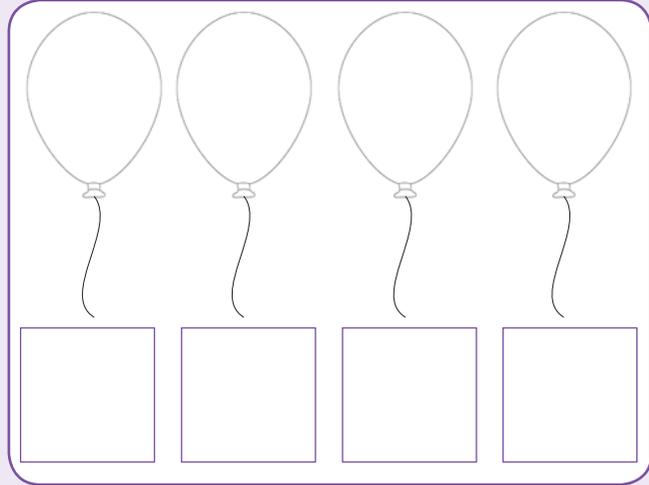
Faka umbala ikotara yamabhaloni ngokubovu bese kuthi asalako abe ngokuhlaza sasibhakabhaka.

Faka umbala obuvo encenyeni eyihafu yebhoksi.



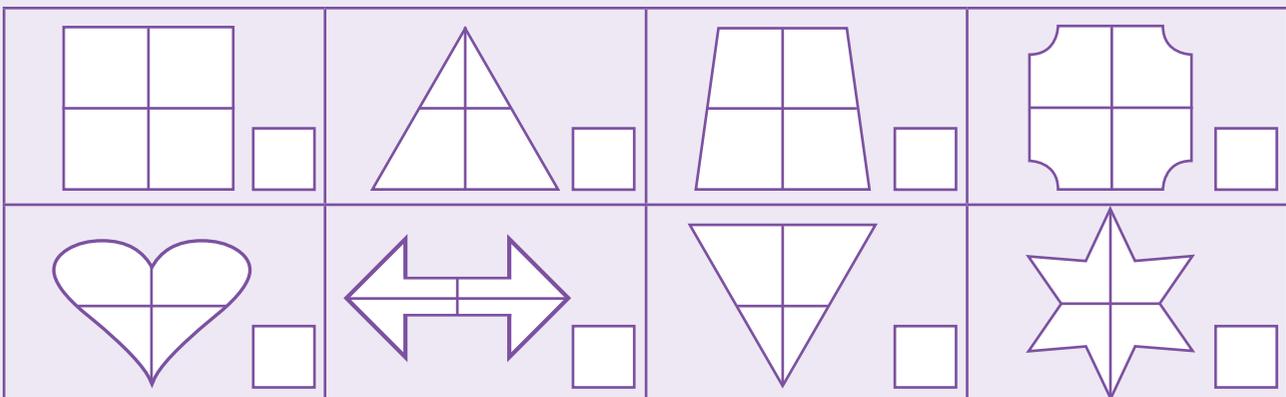
Qala amajamo. Tshwaya amajamo atjengisa abohafu.

Faka umbala engcenyeni enye nenye eyehlukaniswe yaba yihafu.



Qala amajamo. Tshwaya amajamo atjengisa amakota.

Faka umbala ikota enye nenye yamajamo ahlukaniswe aba makota.





Faka umbala ihafu yamajamo. Iyini ihafu yenani lamajamo?

|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

|                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> |
| <input type="checkbox"/> |



Faka umbala ikota yamajamo. Iyini ikota yenani lamajamo?

|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

|                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> |
| <input type="checkbox"/> |



Tlola itshwayo lecezu. ihafu eyodwa  ikota eyodwa

Grwala amanye amajamo ukwenza enye nenye ihafu iphelele.



|                          |                          |                          |                          |
|--------------------------|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

|                          |                          |                          |                          |
|--------------------------|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Grwala amanye amajamo ukwenza enye nenye ikota iphelele.



|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

# Ukuhlela imali



## Esitokfeleni

UMma Lubisi ubala begodu ahlukani-sele isiqhema imali.



Linganisa inani lemali. R \_\_\_\_\_

Bala imali. R \_\_\_\_\_

Madanisa, ulinganise begodu ufunyane ithothali.



## Ukubulunga imali

UGugu ubulungela ipara yamanyathelo ebiza-R89.  
 Bekube nje selanehafu yemali.  
 Ingabe usathoga malini ngaphezulu?  
 Tlola inomboro yomutjho ukutjengisa ipendulwakho.



\_\_\_\_\_



## Ebhanga

UMaria wehlukanise imali yamaphepha ngamabuthelo wama-5.  
 "Usele neny e imali yamaphephe."  
 Tlola amathothali wesithombe ngasinye.

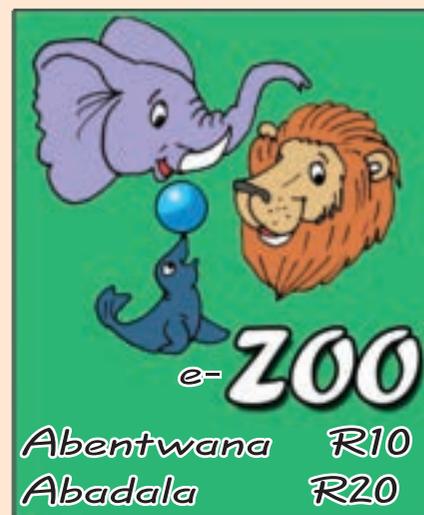


| Inani |         |
|-------|---------|
|       | R _____ |
|       | R _____ |
|       | R _____ |



## Iselele

Ivakatjho lokuya e-zoo  
 Abanye abantu abadala nabentwana baya e-zoo.  
 Bathenga amathikithi nge-R90.  
 Ingabe abentwana bangaki? \_\_\_\_\_  
 Ingabe abantu abadala bona bangaki? \_\_\_\_\_  
 Ingabe ikhona enye ipendulo?  
 Abadala \_\_\_\_\_ Abentwana \_\_\_\_\_



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

9

Ilanga:

# Amaphetheni

Ithemu I



Sebenzisa ibhodi yeenomboro ezima-200 ukuphendula imibuzo.

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



Sebenzisa ibhodi yeenomboro ezima-200 ukuqedelela amaphetheni weenomboro bese ufaka umbala iphetheni ebhodini yeenomboro.

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



Tlola iinomboro ezilandelako eduza kwenye nenye iphatheni bese ukhalara iphatheni?  
Khuyini okubonako ngeenomboro ezi khalavwe ngokufanako?

Ukubala ngakuhlano.

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

Ukubala ngakubili.

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

Ukubala ngakuthathu.

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

Ukubala ngalitjhumi.

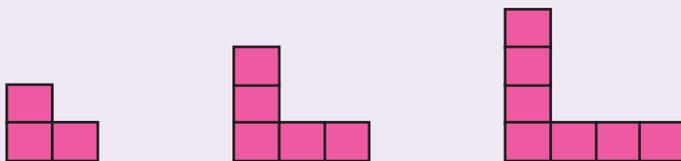
|  |  |  |  |  |  |    |
|--|--|--|--|--|--|----|
|  |  |  |  |  |  | 10 |
|  |  |  |  |  |  |    |
|  |  |  |  |  |  |    |
|  |  |  |  |  |  |    |
|  |  |  |  |  |  |    |
|  |  |  |  |  |  |    |



Yelula amaphetheni.









Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

10

Ilanga:

.....

# Iimbholo, amabhoksi kanye namasilinda

Ithemu I



Ndulungela amabhoksi ngombala ohlaza sasibhakabhaka, iimbholo ngokubomvu bese kuthi amasilinda abe hlaza satjani.



Faka umbala ngependulweni enembako.



Ibhoksi

liyatjhelela

liyagedeka



Isilinda

liyatjhelela

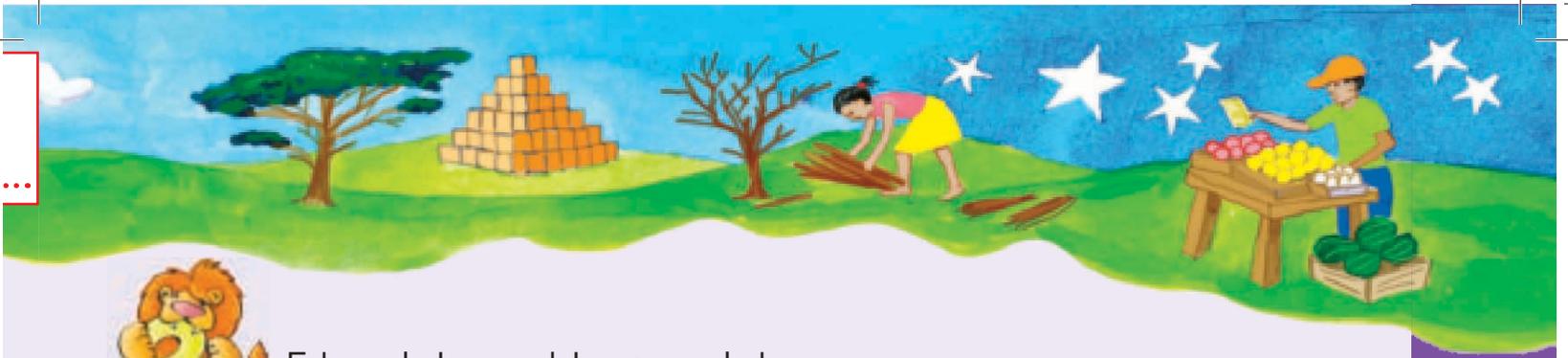
liyagedeka



Ibholo

liyatjhelela

liyagedeka



Faka umbala ependulweni enembako.



|                    |
|--------------------|
| umqoqo oyindulungu |
| umqoqo onqophileko |



|                    |
|--------------------|
| umqoqo oyindulungu |
| umqoqo onqophileko |



|                    |
|--------------------|
| umqoqo oyindulungu |
| umqoqo onqophileko |



|                    |
|--------------------|
| umqoqo oyindulungu |
| umqoqo onqophileko |



|                    |
|--------------------|
| umqoqo oyindulungu |
| umqoqo onqophileko |



|                    |
|--------------------|
| umqoqo oyindulungu |
| umqoqo onqophileko |



|                    |
|--------------------|
| umqoqo oyindulungu |
| umqoqo onqophileko |



|                    |
|--------------------|
| umqoqo oyindulungu |
| umqoqo onqophileko |



Yitjho nangabe ibholo ingemuva, ingaphambili, ingeqadi nanyana ingaphezulu kwebhoksi.



|         |             |
|---------|-------------|
| ngemuva | ngaphambili |
| ngeqadi | ingaphezulu |



|         |             |
|---------|-------------|
| ngemuva | ngaphambili |
| ngeqadi | ingaphezulu |



|         |             |
|---------|-------------|
| ngemuva | ngaphambili |
| ngeqadi | ingaphezulu |



|         |             |
|---------|-------------|
| ngemuva | ngaphambili |
| ngeqadi | ingaphezulu |



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

Ilanga:

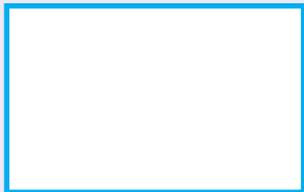
# Gwala, nikela bewumadanise amabumbeko amajamo we-2D

Ithemu I



Dweba amabumbeko

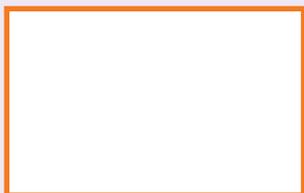
Uncantathu



Isiyingi / Indulunga



Isikwere



Ncazine



Bala amabumbeko

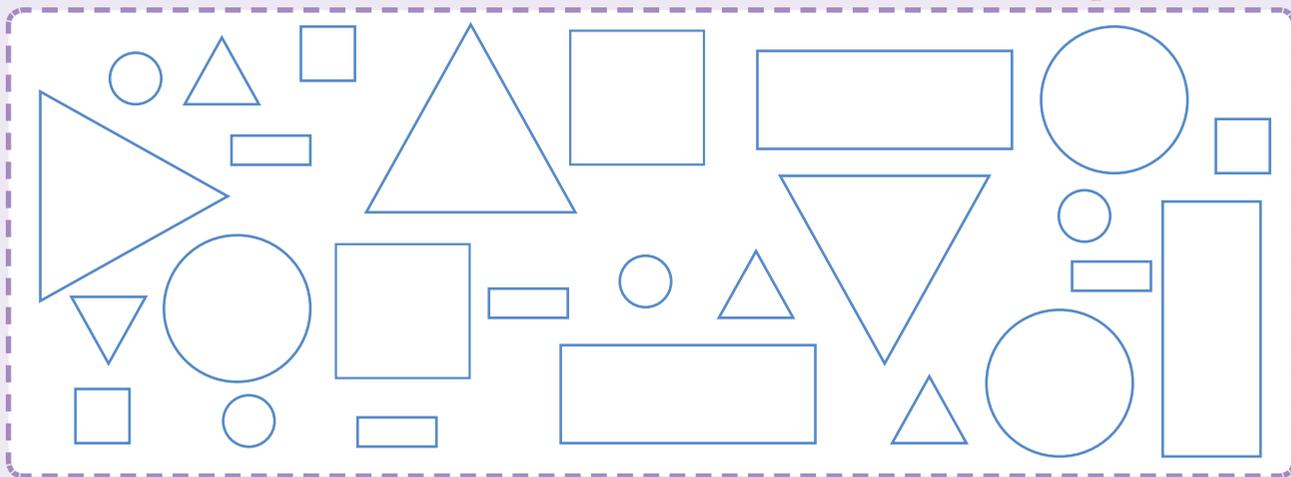
Bala kobana mangaki amabumbeko afana nalawa ongawafumana esithombeni.

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



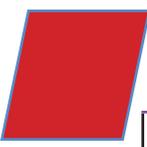
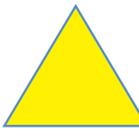
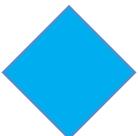
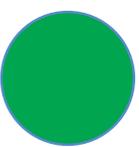
### Faka umbala:

iizingi ezikulu ngombala obomvu, iizingi ezincane ngombala ohlaza satjani;  
 aboncantathu abakhulu ngombala ohlaza sasibhakabhaka, ezincane ngombala o-orontji;  
 iinkwere ezikulu ngokusarulani, ezincane ngokuphephuli;  
 amarekthengela amakhulu ngombala ozotho bese kuthi amarekthengela amancane abe  
 ngombala opinki.



### Mahlangothi amangaki?

Ibumbeko ngalinye linamahlangothi amangaki? Tlola inomboro ebumbekweni. Isibonelo wenzelwe.  
 Ingabe amahlangothi anqophile nanyana ayindulunga? Faka umbala endulweni enembako.

|  |  |  |  |
|--|--|--|--|
| <br>kunqophile <input type="text"/> 3 <input type="text"/><br>kuyindulunga <input type="text"/> | <br>kunqophile <input type="text"/> <input type="text"/><br>kuyindulunga <input type="text"/> | <br>kunqophile <input type="text"/> <input type="text"/><br>kuyindulunga <input type="text"/> | <br>kunqophile <input type="text"/> <input type="text"/><br>kuyindulunga <input type="text"/> |
| <br><input type="text"/> <input type="text"/><br><input type="text"/> <input type="text"/>      | <br>kunqophile <input type="text"/> <input type="text"/><br>kuyindulunga <input type="text"/> | <br>kunqophile <input type="text"/> <input type="text"/><br>kuyindulunga <input type="text"/> | <br>kunqophile <input type="text"/> <input type="text"/><br>kuyindulunga <input type="text"/> |



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

# Siyakhamba isikhathi



Fundani isikhathi

Atjengisa siphil isikhathi amawatjhi la?



\_\_\_\_\_ Ehloko      \_\_\_\_\_ Ehloko      \_\_\_\_\_ Ehloko      \_\_\_\_\_ Ehloko



Yeqani magegana newatjhi

Sizani uMinnie Mouse ukubala imizuzu ngaku-5.  
Thomani e-12. Ragelani phambili nizombeleza.



Nibala imizuzu emingaki? \_\_\_\_\_

Mizuzu emingaki ese-irini li-1? \_\_\_\_\_



Tlolani isikhathi

Gwala imikhono ukutjengisa iinkhathi.



ikotara ngemva  
kwe-iri-6



sigamu ngemva  
kwe-iri-8



ikotara ngaphambili  
we-iri-11



isigamu ngemva  
kelesi-5



UTumi uya esikolweni.



Usuka ekhaya.



Ufika esikolweni.

Ingabe uTumi uthatha isikhathi esingangani? \_\_\_\_\_



Ilanga lokubhaga

UMaria ubhaga uburotho.



Uburotho buya nge-ondweni.



Uburotho buyaphuma.



Uburotho buthatha imizuzu e \_\_\_\_\_ ukubhagwa.



Iselele

Esikhathini esibuyelelwe kabili

a. Tjhugululani ama-iri abe mizuzu.

|         |    |   |   |   |
|---------|----|---|---|---|
| Ama-iri | 1  | 2 | 4 | 8 |
| Imizuzu | 60 |   |   |   |

b. UJabu uthatha imizuzu ema-45 ukufika esikolweni. UTumi uthatha isikhathi esibuyelwe kabili. UTumi uthatha ama-iri amangaki ukufika esikolweni? \_\_\_\_\_

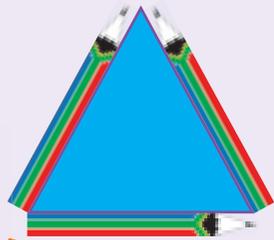
Ngingakghona ukubona amaphetheni.



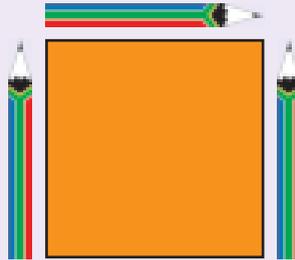
Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

# Ukulinganisa ubude

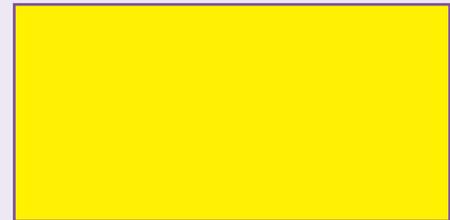
Ithemu I



Kukoke, amahlangothi woke wethrayengeli le, alingana nobude beempensela e-3.



Kukoke, amahlangothi wesikwere alingana nobude beempensela e-4.



Ngiyazibuzza kobana irekthengela yide begodu ibanzi kangangani?



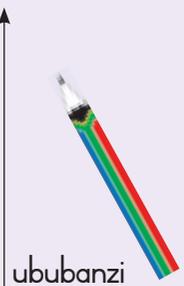
Zingaki iimpensela ezisebudeni berekthengela?



Zingaki iimpensela ezisebubanzini berekthengela?



ubude

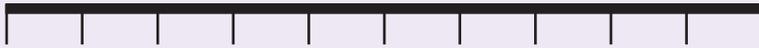


Uzisebenzise njani iimpensela ukubala?

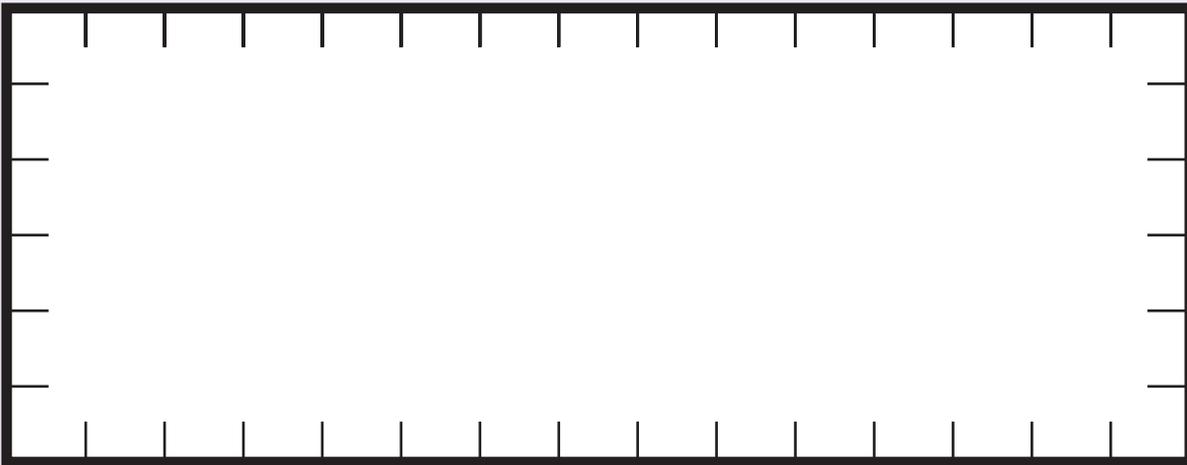


## Ubude obufihlakeleko

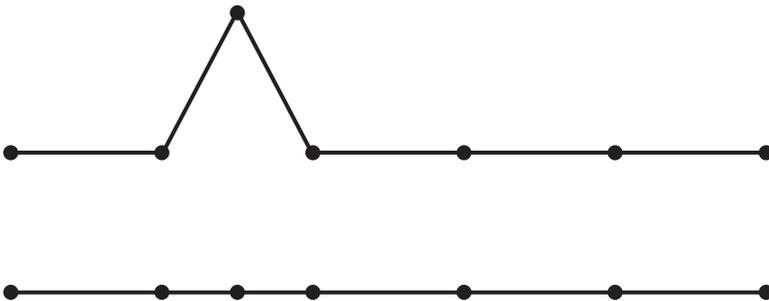
a. Ingabe utlhoga imida emingaki ebovu ukwembesa umuda onzima?



b. Ingabe utlhoga imida emingaki ebovu ukwembesa uncantathu woke?



c. Ngiyiphi edenyana, indlela engaphezulu namkha engaphasi, namkha ingabe ziyafana?



Ipendulo \_\_\_\_\_

Kubayini? \_\_\_\_\_



Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_



# Umthamo

Sengifake amakhezo amane ngekomitjini

Ziinkomiki ezingaki zamanzi ezizokuzalisa isimumathi?



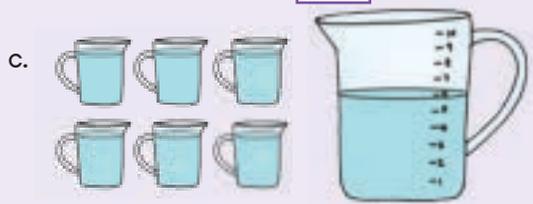
Ziinkomiki ezingaki zamanzi ezingesimumathini? Uzokutlhoga ezinye iinkomitjhi ezingaki ukuzalisa isimumathi?



Ngaphakathi kwesimumathi:  Utlhoga amanye:



Ngaphakathi kwesimumathi:  Utlhoga amanye:



Ngaphakathi kwesimumathi:  Utlhoga amanye:



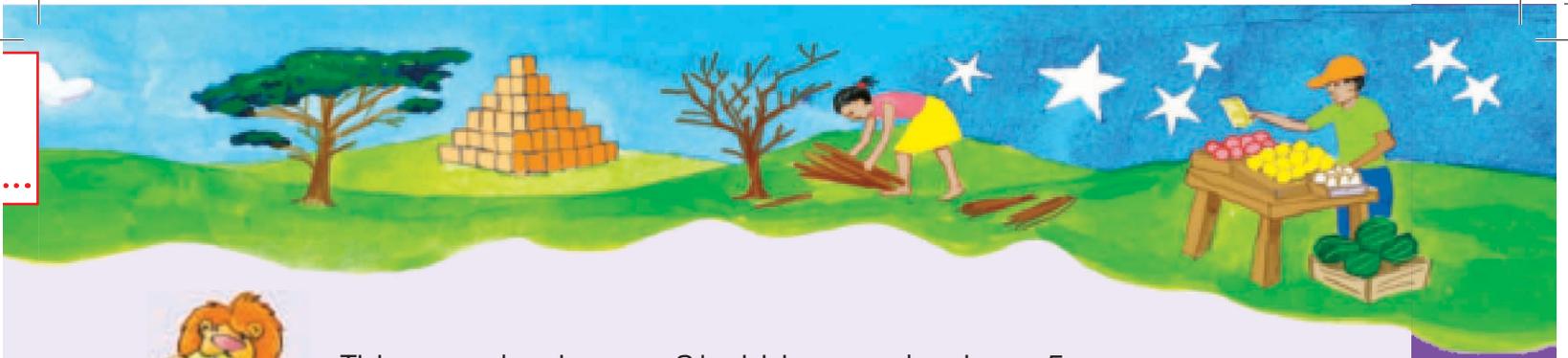
Ngaphakathi kwesimumathi:  Utlhoga amanye:



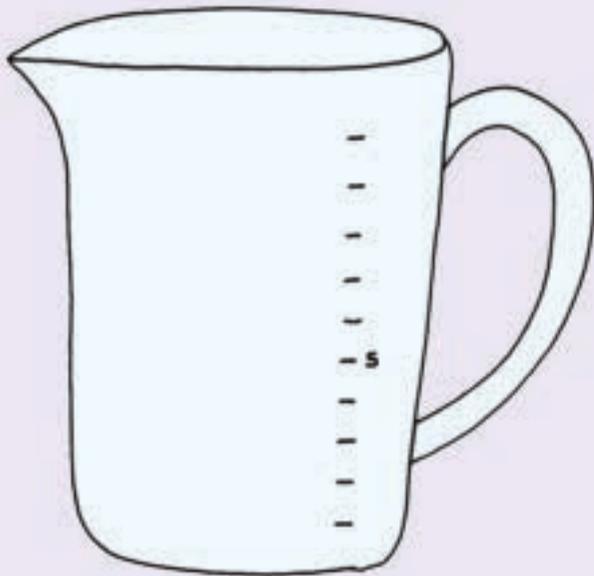
Ngaphakathi kwesimumathi:  Utlhoga amanye:



Ngaphakathi kwesimumathi:  Utlhoga amanye:



Tlola ama-inthavali ejegeni. Sikutlolele ama-inthavali ama-5.  
Zaliselela amanye ama-iinthavali



Nangabe ikomiki eyodwa ijege eyodwa bekube ku-inthavali yesi-2, uzokutlhoga iinkomiki ezingaki ukuzalisa ijege?

- a. 4 \_\_\_\_\_
- b. 6 \_\_\_\_\_
- c. 8 \_\_\_\_\_
- d. 10 \_\_\_\_\_



Tshwaya kobana ngisiphi isimumathi esingamumatha ilitha e-l yamanzi.















Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

## Ukusebenza ngobudisi

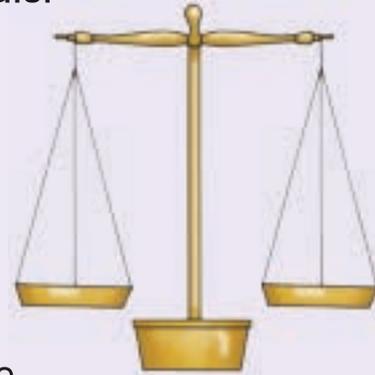


Asimede isisindo sethu!

Ukufumana ubungako bethu, **ubudisi** namkha **ukubalula**, sisebenzisa isikala.

Simeda ubungako **ngamakhilogremu**.

Sisebenzisa isirhunyezwesi: kg. Ngubani onobudisi obungaphezulu?



41 kg



38 kg



41 kg



42 kg



39 kg

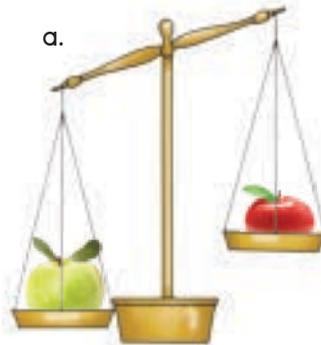


Sisebenzise isikala sokubhalansa ukumeda ubudisi

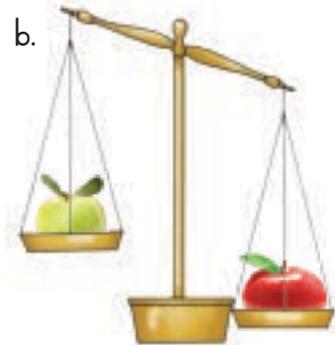


Esikaleni lesi, womabili ama-apula akala ngokulingana.

a.



b.



Phendula imibuzo. Tlola u-a nanyana u-b

Kusesikaleni siphi lapha i-apula elihlaza satjani libudisi khona khulu ukudlula i-apula elibovu?

Kusesikaleni siphi lapha i-apula elihlaza satjani lilula khona kune-apula elibovu.

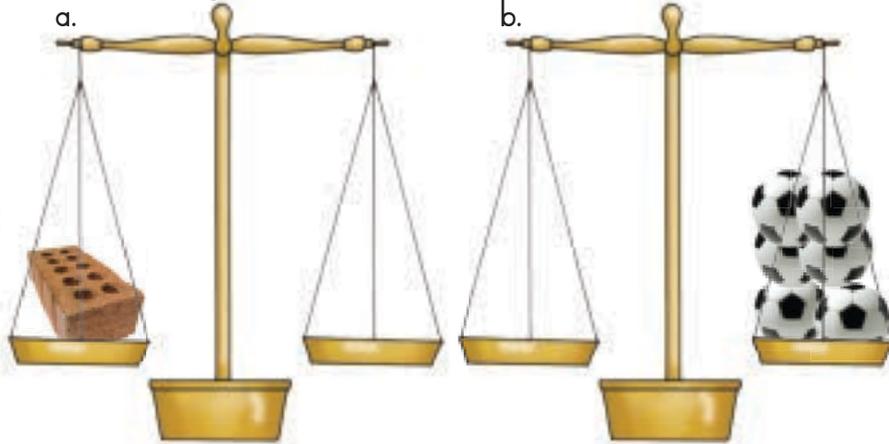


Bhalansisa iinkala.

Wenzelwe isibonelo.



Gwala uveze kobana ziintina ezingaki nanyana iimbhola ozidingako ukuze wenze isikali lesi sibhalanse/sizinze.

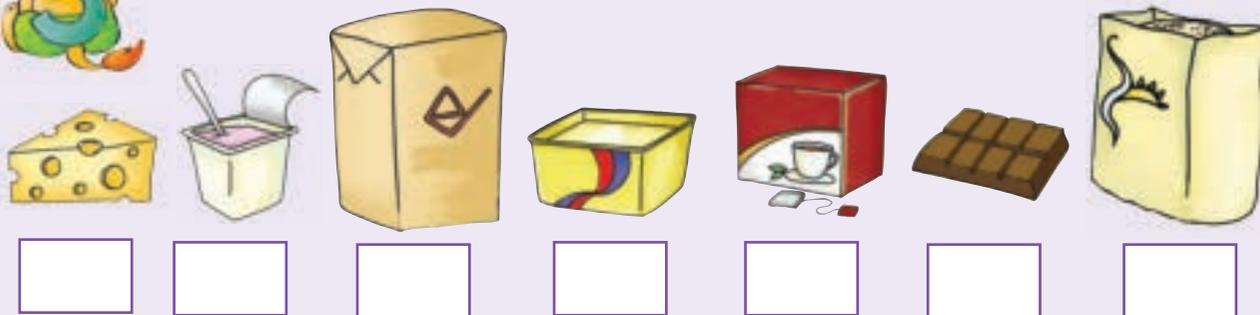


Nangabe iphasela eyodwa ikala 3 kg. Amaphasela ama 2 na-3 akala kangangani?

- Amaphasela ama-2 \_\_\_\_\_
- Amaphasela ama-3 \_\_\_\_\_
- Ngingakghona ukumeda amaphasela ama-4 ngasikhathi sinye kiso sona isikala sangekhwitjhini? \_\_\_\_\_  
Kungani? \_\_\_\_\_



Tshwaya impendulo enembako. Ngijiphi into enesisindo esingaba li-1kg?



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_



## Ukusebenza ngemininingwana

### Amanyathelo ngetlasini



Funda indatjana.

UThabo: Hawu, Titjhere! uJack ulizimuzimu! Ufaka isayisi 6 yamanyathelo!

UKkz. Khoza: Kulungile! Iye, Thabo, yikulu khulu emntwaneni oneminyaka elithoba! Thabo, unesayisi bani yamanyathelo? Ingabe itlasi loke linamasayisi bani? Asenzeni irhubhululo!

Abafundi batjho amasayisi, ngamunye ngamunye.

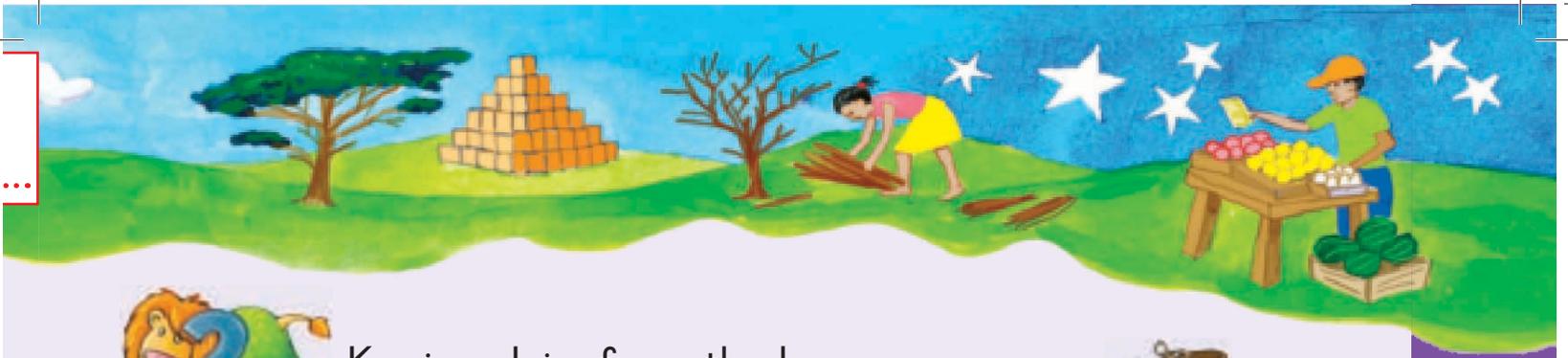
UKkz. Khoza utlola amasayisi lawo ebhodini.

UKkz. Khoza: Bala, bese uyatlola amasayisi ngayinye ngetheyibuleni.

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

Zalisa ithebula engenzasi.

| Amasayizi wamanyathelo ngetlasini |           |           |           |           |           |
|-----------------------------------|-----------|-----------|-----------|-----------|-----------|
| Isayisi 1                         | Isayisi 2 | Isayisi 3 | Isayisi 4 | Isayisi 5 | Isayisi 6 |
|                                   |           |           |           |           |           |



Kwanje gwala igrafu yeenthombe.

 = umfundi-1

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



Kwanjesi phendula imibuzo le.

- Abafundi abanengi bafaka amanyathelo wesayisi \_\_\_\_\_.
- Isibalo esimbalwa sifaka isayisi \_\_\_\_\_.
- \_\_\_\_\_ abentwana bayazibandakanya erhubhululweni.



Kunjani ngawe?

Fumana kobana wena nabangani bakho nifaka isayisi bani!

- Sebenzani ngeenqhema zangaba-6 ukuya kezangababu-8.
- Buthelelani imininingwana yenu.
- Tlolani isibalo samasayisi wamanyathelo ethebuleni.
- Madanisani iimpendulo nezinye iinqhema.



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

# Madanisa bewuhlele iinomboro

Ithemu I

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

Ngijyphi inomboro eza ngaphambi kwaka-84?  
Ngijyphi inomboro eza ngemva kwaka-84?

Ngijyphi inomboro ehlangana kwaka-88 kanye no-90?



Zalisa ngeenomboro ezitlhayelako.

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

Sebenzisa ibhodi yeenomboro ukuphendula imibuzo.

- Ngijyphi inomboro eza ngaphambi kuka-68? \_\_\_\_\_
- Ngijyphi inomboro elandela u-68? \_\_\_\_\_
- Tlola iinomboro ezihlanu ezincani kuno-71. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- Tlola iinomboro ezihlanu ezikulu kuno-71. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- Ngizyphi iinomboro ezihlangana kwaka-79 kanye no-84? \_\_\_\_\_
- Tlola iinomboro kusuka kencani khulu kuye kekhulu. 73, 52, 50, 59, 61  
\_\_\_\_\_
- Tlola iinomboro ukusuka kekhulu kuye kencani. 74, 96, 99, 91, 38  
\_\_\_\_\_



Qedelela itheyibula. Thoma ngenomboro onikelwe yona.

|    | Enye ngaphezulu | Encani ngaphasi | Ezinye ezilitjhumi | Ezilitjhumi ngaphasi |
|----|-----------------|-----------------|--------------------|----------------------|
| 25 |                 |                 |                    |                      |
| 39 |                 |                 |                    |                      |
| 74 |                 |                 |                    |                      |
| 56 |                 |                 |                    |                      |
| 40 |                 |                 |                    |                      |



Ndulungela inomboro ekulu khulu.

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

Ndulungela inomboro encani khulu.

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



Nangabe itshwayo < litjho okuncani kuna- bese kutshi itshwayo > litjho kobana kukhulu. Qedelela:

32 < 64      23 > 18

75  98      89  57



Funyana iinomboro ezi-5 ephephandabeni ezihlangana kwaka-50 kanye no-99 bese uzinamathisela kusukela kencani ukuyo kekulu.



Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

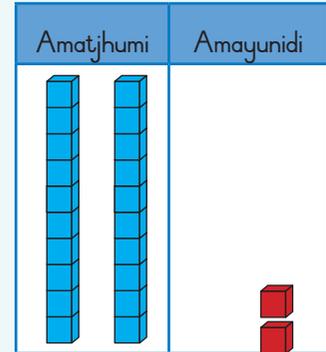
Date: \_\_\_\_\_

# Ubukhulu beenomboro ukuya kuma-99



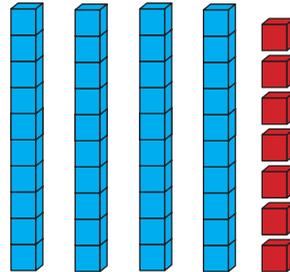
## Ukutjengisa inomboro ngokusebenzisa izinto

Godu singakghona ukutjengisa inomboro ngamabhlogo wethu weenomboro ezikulu. Ibhlogo elincani lijamele ku-1. Umletlele wamabhlogo amancani ali-10 ajamele i-10. "Litjhumi"



Ungatjengisa inomboro ngokusebenzisa amatjhumi namkha amayunidi.

Lapha yindlela yokutjengiswa kwama-47.



| Amatjhumi | Amayunidi |
|-----------|-----------|
| 4         | 7         |

Amatjhumi amane nekhomba-47



## Ukutlola inomboro ngamadijithi nangamagama

- Ngaphasi kwesithombe, tlola kobana kunamatjhumi amangaki begodu mangaki amayunidi. Bese utlola inomboro ngamadijithi nangamagama.

|                             |           |           |           |           |           |
|-----------------------------|-----------|-----------|-----------|-----------|-----------|
|                             |           |           |           |           |           |
| Amatjhumi                   | Amayunidi | Amatjhumi | Amayunidi | Amatjhumi | Amayunidi |
| 3                           | 1         |           |           |           |           |
| 31                          |           |           |           |           |           |
| Amatjhumi amathathu nalinye |           |           |           |           |           |



2 0 6

2 6

b. Godu singasebenzisa iinomboro zethu zamakarada ukutjengisa lokhu.

| Nombora | Mangaki amatjhumi? | Mangaki amayunidi? | Tlola inomboro ngamagama        |
|---------|--------------------|--------------------|---------------------------------|
| 26      | 2                  | 6                  | amatjhumi amabili nesithandathu |
| 46      |                    |                    |                                 |
| 99      |                    |                    |                                 |



Iyini inomboro?

|           | <p>3 0 5</p> <p>3 5</p>   | <table border="1"> <thead> <tr> <th>Amatjhumi</th> <th>Amayunidi</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>5</td> </tr> </tbody> </table> <p>Amatjhumi amathathu nahlanu<br/>35</p> | Amatjhumi | Amayunidi | 3 | 5 |
|-----------|---|---|-----------|-----------|---|---|
| Amatjhumi | Amayunidi   |   |           |           |   |   |
| 3         | 5   |   |           |           |   |   |
|           | <div style="border: 1px solid blue; width: 40px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid red; width: 20px; height: 20px; margin-left: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 40px; height: 20px; margin-top: 10px;"></div> <div style="border: 1px solid red; width: 20px; height: 20px; margin-left: 20px; margin-top: 10px;"></div> | <table border="1"> <thead> <tr> <th>Amatjhumi</th> <th>Amayunidi</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table> <p>_____</p> <p>_____</p>                 | Amatjhumi | Amayunidi |   |   |
| Amatjhumi | Amayunidi   |   |           |           |   |   |
|           |   |   |           |           |   |   |
|           | <div style="border: 1px solid blue; width: 40px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid red; width: 20px; height: 20px; margin-left: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 40px; height: 20px; margin-top: 10px;"></div> <div style="border: 1px solid red; width: 20px; height: 20px; margin-left: 20px; margin-top: 10px;"></div> | <table border="1"> <thead> <tr> <th>Amatjhumi</th> <th>Amayunidi</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table> <p>_____</p> <p>_____</p>                 | Amatjhumi | Amayunidi |   |   |
| Amatjhumi | Amayunidi   |   |           |           |   |   |
|           |   |   |           |           |   |   |



Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_



Funda

# Ukubeka amatjhumi ndawonye lokha nasihlanganisa ukuya ema-99

|  |                         |                               |   |  |                       |
|--|-------------------------|-------------------------------|---|--|-----------------------|
| <p>Nasi indlela yinye yokutjengisa ama-22.</p> |                         | <p>Sinokodwa kokulitjhumi</p> |   | <p>Kwanjesi sinenye indlela yokutjengisa ama-22.</p> |                       |
| <p>Amatjhumi</p>                               | <p>Amayunidi</p>        |                               | <p>Sinamayunidi alitjhumi nambili</p>         | <p>Amatjhumi</p>                                     | <p>Amayunidi</p>      |
| <p>itjhumi li-1</p>                            | <p>amayunidi ali-12</p> |                               | <p>Sizokubeka amayunidi amatjhumi ngequbi</p> | <p>amatjhimi ama-2</p>                               | <p>amayunidi ma-2</p> |
| <p>1 0</p>                                     | <p>1 0 2</p>            |                               |   | <p>2 2</p>   |                       |

Asihlanganise  $27 + 4$ . Sizokuthoma ngamabhlogo ahlaza. Amabhlogo apinki la ngiwo esizokungezelela ngawo.

|   |                          |  |                  |   |                  |
|---|--------------------------|--|------------------|---|------------------|
| <p>Ama-27matjhumi ama-2 begodu nabowani abali-7. Bese sihlanganisa abowani aba-4. ngaphezulu.</p> |                          | <p>Sinamatjhumi ama-2 begodu nabowani abali-11.</p>        |                  | <p>Kwanjesi sinamatjhumi ama-3 + nowani mu-1 = 31</p> |                  |
| <p>Amatjhumi</p>  | <p>Amayunidi</p>         | <p>Amatjhumi</p>   | <p>Amayunidi</p> | <p>Amatjhumi</p>                                      | <p>Amayunidi</p> |
| <p>ama-2</p>  | <p>ama-7<br/>+ ama-4</p> | <p>Singatjengisa abowani abali-10 njenge tjhumi linye.</p> |                  | <p>+ =</p>  |                  |
| <p>2 0</p>  | <p>7 4</p>               | <p>2 0 1 0</p>   | <p>1</p>         | <p>3 1</p>  |                  |



Tlola iinomboro zomatjho ezitjengiswe sithombe

| Amatjhuri            | Amayunidi                                 | Amatjhuri  | Amayunidi            | Amatjhuri            | Amayunidi            |
|----------------------|---|--|----------------------|----------------------|----------------------|
|                      |   |  |                      |                      |                      |
| <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"/> |
| $10 + 5 + 6$         |   | ___ + ___ + ___  |                      | ___ + ___ = ___      |                      |

Qedelela iinthombe. Tlola imitjho yeenomboro etjengiswe esithombeni.

| Amatjhuri            | Amayunidi | Amatjhuri            | Amayunidi | Amatjhuri            | Amayunidi |
|----------------------|-----------|----------------------|-----------|----------------------|-----------|
|                      |           |                      |           |                      |           |
| <input type="text"/> |           | <input type="text"/> |           | <input type="text"/> |           |
| Amatjhuri            | Amayunidi | Amatjhuri            | Amayunidi | Amatjhuri            | Amayunidi |
|                      |           |                      |           |                      |           |
| <input type="text"/> |           | <input type="text"/> |           | <input type="text"/> |           |



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

## Hlanganisa kunambalayini

### Hlala edeskeni lakho!

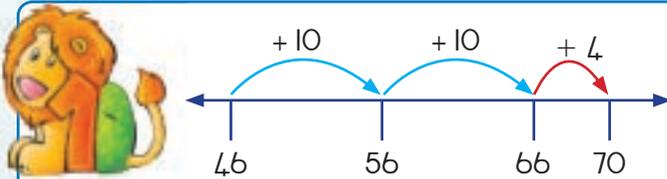
Esikolweni sethu umfundi ngamunye unedeske lakhe.  
Kunabafundi abama-46 kuGreyidi 3A begodu bama-24  
kuGreyidi 3B.

Ingabe sitlhoga amadeske amangaki ematlasini womabili?



### Sebenza nomlingani

Qala kobana abafundi abathathu laba bayisebenzisa njani inambalayini  
ukusombulula umraro. Qedelela iimbalo usebenzile isibonelo.



Lokhu ngengikwenzako: Ngithoma ngokuhlanganisa i-10.  
Lokhu kungiletha ema-56. Bese ngeqa i-10 elinye ngiye ema-66.  
Begodu kwamaswaphela, ngeqa ku-4 ngaphezulu ukufika ema-70.

$$\begin{aligned} &= 46 + 10 + 10 + 4 \\ &= 56 + 10 + 4 \\ &= 66 + 4 \\ &= 70 \end{aligned}$$

Kufanele  
ngihlanganise ama-24  
ukuya ema-46.



a.  $32 + 25 =$



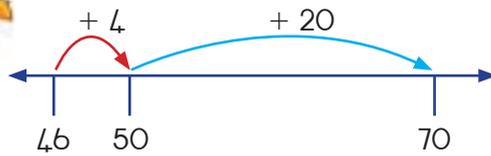


b.  $52 + 26 =$

←

c.  $46 + 25 =$

←



Kufanele ngihlanganise ama-24 ukuya ema-46.



Lokhu ngengikwenzako: Kokuthoma ngizokweqa ku-4. Lokho kuzangiletha ema-50. Ngingeqa ukudlula ama-20, okungiletha ema-70.

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

a.  $36 + 41 =$

←

Teacher: \_\_\_\_\_

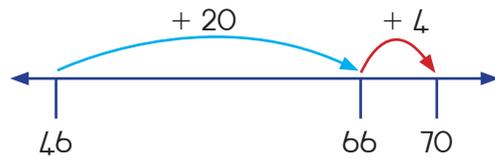
Sign: \_\_\_\_\_

Date: \_\_\_\_\_



Hlanganisa kunambalayini (kuragela phambili)

b.  $57 + 19$



Kufanele ngihlanganise ama-24 ukuya ema-46.



Lokhu ngengikwenzako: ukusuka ema-46, ngingeqa ama-20. Lokho kungiletha ema-66. Kwanjesi kufanele ngeqe ku-4 ngaphezulu begodu bese ngifika ema-70.

$$= 46 + 20 + 4$$

$$= 66 + 4$$

$$= 70$$

a.  $63 + 24 =$

b.  $65 + 29 =$



Ziinlofu ezingaki?

Umbhagi udiliva iinlofu ezima-54 ezibhraweni ezima-68



ezimhlophe.



begodu neenlofu

a. Ziinlofu ezingaki sezizoke?

b. Fumana ithothali kunambalayini.

Tjengisa iinomboro nesilinganiso sokweqa.



Hlanganisa okulandelako, ngaphandle kokusebenzisa inambalayini. Sebenzisa yakho indlela.

$$38 + 24 =$$

$$58 + 17 =$$

$$75 + 16 =$$

$$83 + 29 =$$



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

21a

Ilanga:

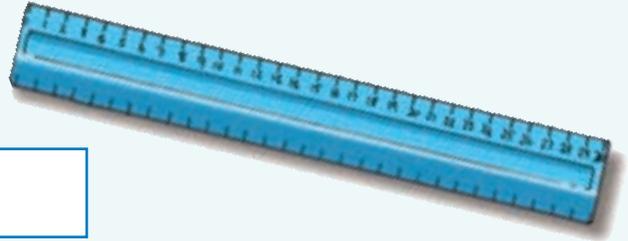
Ithemu I

## Ukukhupha ngenambalayini

Umfundi munye! Irula yinye!

Itlasi litlhoga amarula ama-53. Kunama-35 kwaphela.

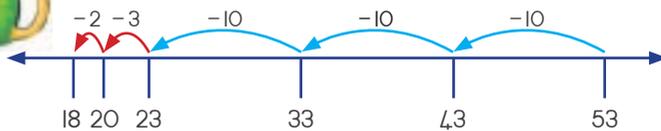
Sisatlhoga mangaki?  $53 - 35 =$



**Sebenza nomlingani**

Funda kobana abafundi abanye abathathu abafanako bayisebenzisa njani inambalayini lapha.

Qedelea iimbalo usebenzise isibonelo.



Kufanele ngikhuphe  
ama-35 kuma-53.  
Ukukhupha kutjho ukususa.



Ngalokho ke, ngizakuthoma ema-53 begodu ngisuse. Ngizakususa i-10, 10 – elingiletha ema-23. Kwanjesi ukususa ku-3, bese ngiza ema-20. Ngisusa ku-2 ngaphezulu begodu ngifumana i-18. Ngalokho ke sitlhoga iinrula ezili-18.

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

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

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

$$= 23 - 3 - 2$$

$$= 20 - 2$$

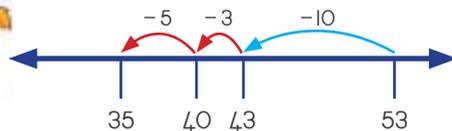
$$= 18$$



a.  $68 - 24$

b.  $74 - 38$

c.  $92 - 87$



Ukukhupha kutjho ukufumana umehluko hlangana nama-53 nama-35.



Ngizakuthoma ema-53 bese ngibala ukuya emva ema-35 ukufumana umehluko. Nakhibe ngibala ngibuyele emva nge-10, ngiya ema-43. Ngingabala ngiye emva ngaku-3 ngaphezulu ukuya ema-40. Bese ngibala ngiye phasi ngaku-5 ngaphezulu ukuya ema-35. I-10 naku-3 nakuhlanu kuli-18. Ngalokho-ke sitlhoga amarula angaphezulu nge-18.

a.  $38 - 14$



Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

21b

Ilanga:

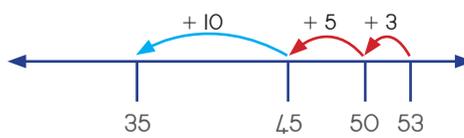
### Ukukhupha ngenambalayini (kuragela phambili)

Ithemu I

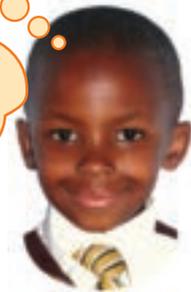
b.  $65 - 43 =$

c.  $72 - 39 =$

d.  $85 - 48 =$



Ngingathoma ema-35 begodu ngibone kobana kungithatha imeqo emingaki **ukubala kufikela** ema-53.



Ngingathoma ema-35 begodu ngibone kobana kuthatha imeqo emingaki **ukubala kufikela** ema-53. Itjumi lihlangana nakuhlana kuhlange nakuthathu kuli-18. Sitlhoga amarula ali-18 ngaphezulu.

a.  $84 - 32 =$



b.  $96 - 53 = \square$

c.  $78 - 19 = \square$

d.  $63 - 47 = \square$



### Khamba ngeteksi

Ikhamba ngeteksi lokuya edrobheni lima-65 km.  
Bekube nje iteksi sele ikhamba ama-38 km.

Kusafanele ikhamba kangangani ukuya phambili?

Sebenzisa inambalayini ukusombulula umraro lo.



km



Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

# Sikhathi sephathi



Iqhinga lokuthoma!

UBusi ubawe abangani bakhe kobana bamnikele isithombe sokudla kwephathi abakuthandako. Okulandelako kukudla akuthengako. Msize kobana ahlele kuhle ukudla lokhu.



Bala, begodu tlola kobana bangaki abangani abakhetha umhlobo ngamunye wokudla.

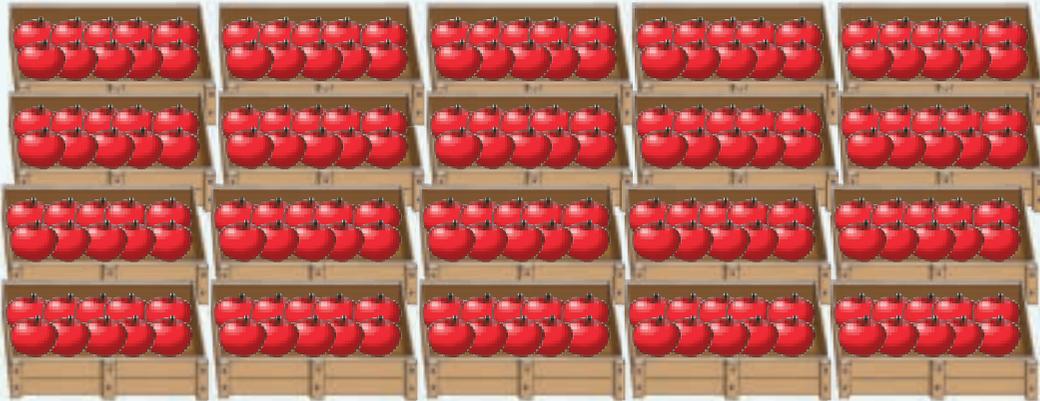
|          |   |   |   |   |
|----------|---|---|---|---|
|          |  |  |  |  |
| Inomboro |   |   |   |   |



# Bala bewufike ku-200



Ubona ama-apula amangaki?



Zaliselela ngeenomboro

Ibhoksi elilodwa lina ma-apula

Ireyi elilodwa lina ma-apula

Ireyi elilodwa linamabhoksi

Amareyi amane anama-apula



Singapaka ama-apula amangaki ngemabhoksini la?

a.

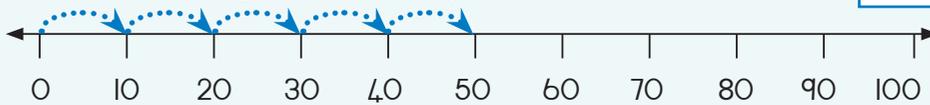
b.

c.

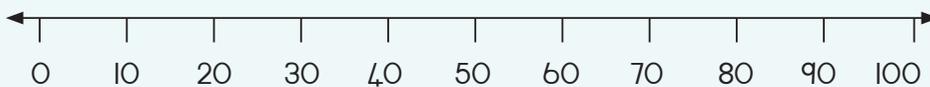


Tjengisa lokhu ngenambalayini.

a. Kuzokuba nama-apula amangaki ngemabhoksini amahlanu?



b. Kuzokuba nama-apula amangaki ngemabhoksini alikhomba?





u-10 nakangezelelwe  
ngaku-3 kwenza -

3 0

$3 \times 10 = 30$

nanyana  $10 \times 3 = 30$

u-10 nakangezelelwe  
ngaku-5 kwenza

\_\_\_\_\_  $\times$  \_\_\_\_\_ =  nanyana

\_\_\_\_\_  $\times$  \_\_\_\_\_ =

u-10 nakangezelelwe  
ngaku-2 kwenza

\_\_\_\_\_  $\times$  \_\_\_\_\_ =  nanyana

\_\_\_\_\_  $\times$  \_\_\_\_\_ =

Iimpara ezi-5 zeenyawo.  
Kuneenzwani ezingaki sele zizoke?



$10 + 10 + 10 + 10 + 10 = 50$

$5 \times 10 =$

nanyana  $10 \times 5 =$

Yenza lokhu ngendlela efanako.

Iimpara ezi-4 zeenyawo. Kuneenzwani ezingaki sele zizoke?

\_\_\_\_\_ =  \_\_\_\_\_  $\times$  \_\_\_\_\_ =  nanyana \_\_\_\_\_  $\times$  \_\_\_\_\_ =

Iimpara ezi-9 zeenyawo. Kuneenzwani ezingaki sele zizoke?

\_\_\_\_\_ =  \_\_\_\_\_  $\times$  \_\_\_\_\_ =  nanyana \_\_\_\_\_  $\times$  \_\_\_\_\_ =



Asibaleni nge-10.

10, 20, 30, 40, 50, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 200

Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

## Zijayeze ngaku-5

Ithemu I



Ingabe iinhlambi zingaki? Linganisa ukuthi kungaki.



Kwanjesi bala iinhlambi.

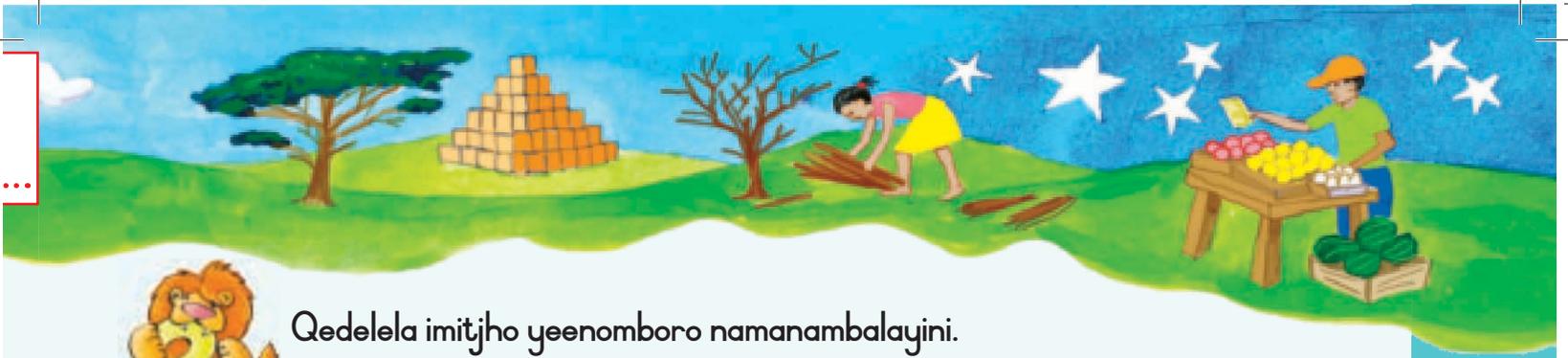
Fumana ithothali.

Bala ngaku-5

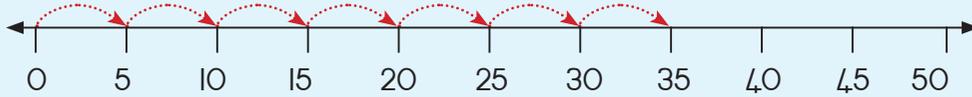


Fumana ithothali yamaqanda weenhlambi. Tlola umutjho weenomboro usebenzise u + kunye no ×. **Sesikwenzele isibonelo.**

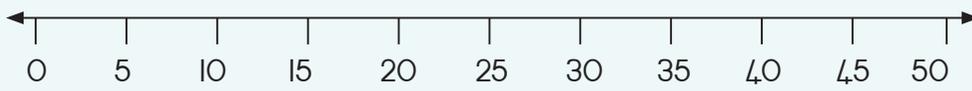
| Iinhlambi namaqanda                       | Ingabe mangaki amaqanda? |                   |
|---|--------------------------|-------------------|
| Iinhlambi ezi-5, zibekela amaqanda ama-2  | $2 + 2 + 2 + 2 + 2 = 10$ | $5 \times 2 = 10$ |
| Iinhlambi ezi-5, zibekela amaqanda ali-10 |                          |                   |
| Iinhlambi ezi-5, zibekela amaqanda ama-4  |                          |                   |
| Iinhlambi ezi-5, zibekela amaqanda ama-3  |                          |                   |
| Iinhlambi ezi-5, zibekela amaqanda asi-6  |                          |                   |
| Iinhlambi ezi-5, zibekela amaqanda abu-8  |                          |                   |
| Iinhlambi ezi-5, zibekela amaqanda ama-5  |                          |                   |



Qedelela imitjho yeenomboro namanambalayini.



$5 + 5 + 5 + 5 + 5 + 5 + 5 = 35$  nanyana  $7 \times 5 = 35$



$5 + 5 + 5 + 5 = \square$  nanyana  $\square \times \square = \square$



$5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 = \square$  nanyana  $\square \times \square = \square$



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



**Bamba ihlambi**

USipho ubamba iihlambi ezihlangana kwama-40 nama-50. Uyazibala ngaku-2 begodu usele nayi-1.

Uzibala ngaku-5 begodu usele nazi-2. Ingabe uSipho ubambe iihlambi ezingaki?

Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

25a

Ilanga:

## Bala ngaku-2

Ithemu I



Bala amakowusu



a. Mangaki amakowusu alapho? \_\_\_\_\_

b. Ziimpara ezingaki zamakowusu? \_\_\_\_\_

c. Kusele amakowusu amangaki? \_\_\_\_\_



## Ukubala iimpara zamakowusu

Tlola kobana ziimpara ezingaki zamakowusu ezilapho begodu utjho nakhibe kukhona aseleko.

| Amakowusu | Isibalo seempara | Inani lamakowusu | Amswenya aseleko |
|-----------|------------------|------------------|------------------|
|           |                  |                  |                  |
|           |                  |                  |                  |
|           |                  |                  |                  |
|           |                  |                  |                  |
|           |                  |                  |                  |



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

25b

Ilanga:

Ithemu I

## Bala ngaku-2 (kuragela phambili)



Ukwakha iimpara.

Tlola phasi iinomboro ezilinganako nenomboro ezingalinganiko kusukela e-1 – 60.

a. Tlola iinomboro ezilinganako kusukela kwe- 1 – 60.

2, 4, 6,

---

---

b. Tlola iinomboro ezingalinganiko kusukela kwe- 1 – 60.

3, 5, 7,

---

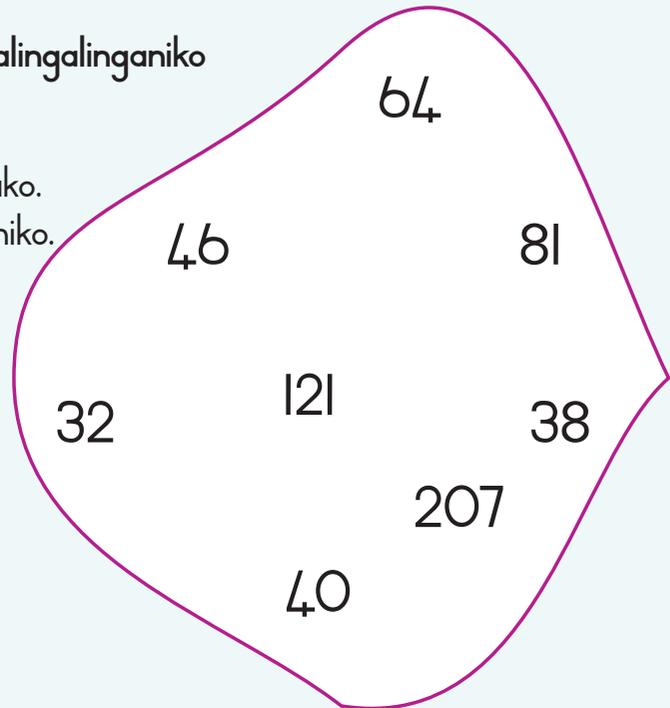
---



Okulingalinganako nokungalingalinganiko

Dweba indulunga eenomborweni ezilinganako.

Dweba iskwere eenomborweni ezingalinganiko.





Kusukela emakowuswini ukuya eempareni zamakowusu

Isibonelo:

ipara yi-1  = amakowusu ma-2

impara ezili-10  = amakowusu ama-20

$2 \times 1 = 2$

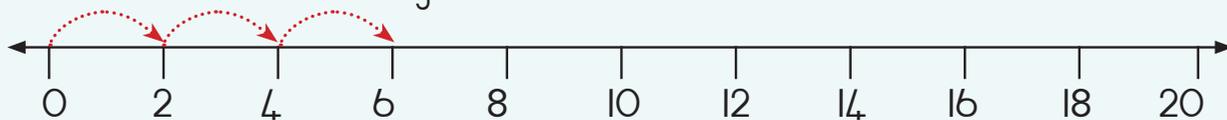
$2 \times 10 = 20$

a. Tlola kobana mangaki amakowusu.

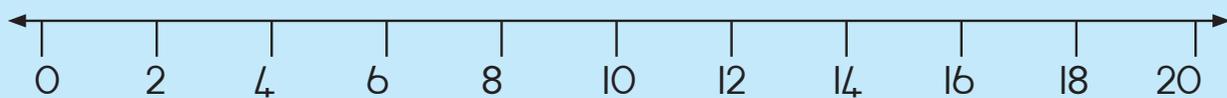
| Cabanga ngaku-2 |                     | Umutjho weenomboro     |
|-----------------|---------------------|------------------------|
| Ipara eyo-1     | amakowusu = ama-2   | $2 \times 1 = 2$       |
| Iimpara ezi-2   | amakowusu = ama-___ | $2 \times 2 = \square$ |
| Iimpara ezi-4   | amakowusu = abu-___ |                        |
| Iimpara ezibu-8 | amakowusu = ali-___ |                        |
| Iimpara ezili-9 | amakowusu = ali-___ |                        |

b. Tjengisa inani phezu kwenambalayini bese uyaqedelela.

Isibonelo:  $2 + 2 + 2 = 6$  nanyana  $3 \times 2 = 6$



$2 + 2 + 2 + 2 + 2 + 2 + 2 = \square$  nanyana  $\square \times \square = \square$



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_



## Indatjana yemali yethu

ESewula Afrika sisebenzisa amaranda namasende njengemali yethu. Sathoma ukusebenzisa amaranda neensende ngomnyaka we-1961.

Ngalawo malanga isende yi-1 yesimbi gade kungiyi encani khulu, kulandele amasende. ama-2 bese kulandela amasente ama-5.



|   |   |
|---|---|
| <p>Gade ngisebenzisa imali yesimbi ezincani lezi ukubhadela izinto ezinengi. Lokho izinto gade zitjhiphile!</p> | <p>Uqinisile, ayisenziwa!</p> <p>Kodwana, uGogo, akhange khengibone isende yi-1 ngamasende ama-2 besimbi.</p> |
| <p>Mayelana neminyaka ema-50 eyadlulako sisasebenzisa iimponde, abotjheleni nabopense.</p>                      | <p>Iye, Ngiyakhumbula! Iponde yi-1 gade ibotjheleni abama-20, begodu utjheleni mu-1 gade ayi-12 pense.</p>    |



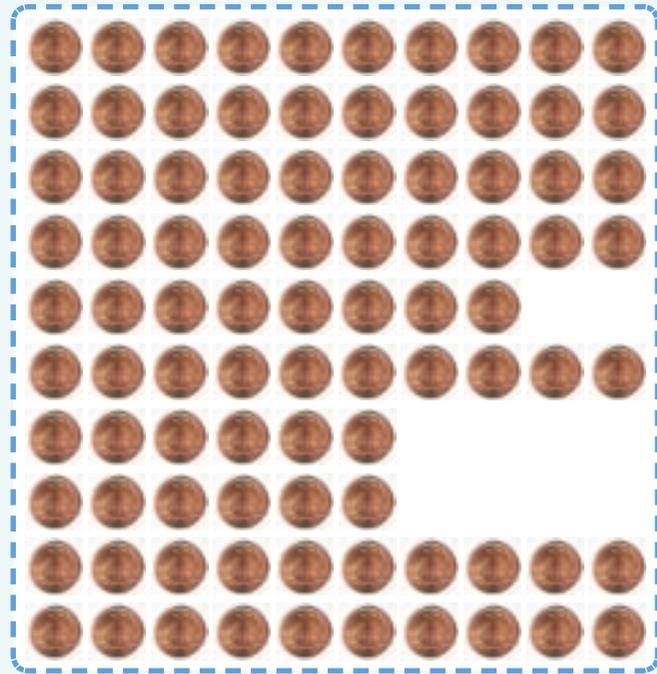
### Bala amasende

Bala usende o-l.

Kunamasende amangaki?

Mangaki afunekako ukwenza i-R1,00?

Agwale ngaphakathi kwebhlogo.



### Masende amangaki?

|                                |                                |
|--------------------------------|--------------------------------|
| R1,00 = <input type="text"/> c | R2,00 = <input type="text"/> c |
| R3,00 = <input type="text"/> c | R1,50 = <input type="text"/> c |



### "Ngingathenga iinthelo ezingaki?"



2 sibiza-R4,00.

Ufumana amabhanana amangaki nge-R20,00?



2 sibiza-R2,00.

Ufumana ama-apula amangaki nge-R9,00?



Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

## Bala ngaku thathu



Amavili ngama-3



Ibhayisigili-emavili-ntathu yi-1 inamavili ama \_\_\_\_.



Iimbhasigili ezi-5 zinamavili ama \_\_\_\_.

$$3 + 3 + 3 + 3 + 3 = 5 \times 3 = \underline{\quad}$$

Iimbhasigili ezi-2 zinamavili ama \_\_\_\_.

$$3 + 3 = 2 \times 3 = \underline{\quad}$$

Iimbhasigili ezi-4 zinamavili ama \_\_\_\_.

Iimbhasigili ezi-6 zinamavili ama \_\_\_\_.

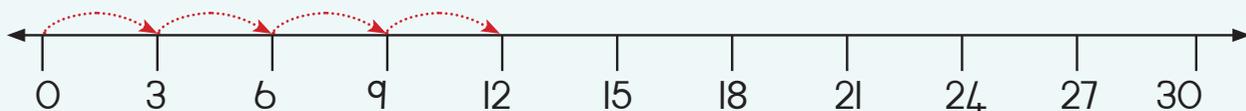
Iimbhasigili ezi-9 zinamavili ama \_\_\_\_.

Iimbhasigili ezi-8 zinamavili ama \_\_\_\_.

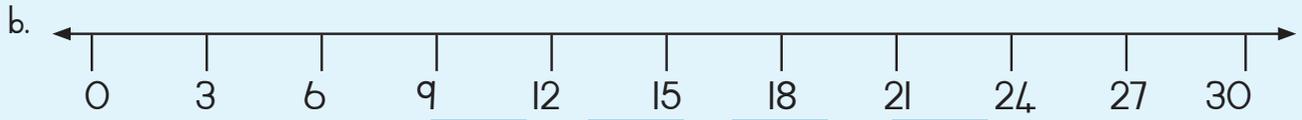


Amanambalayini

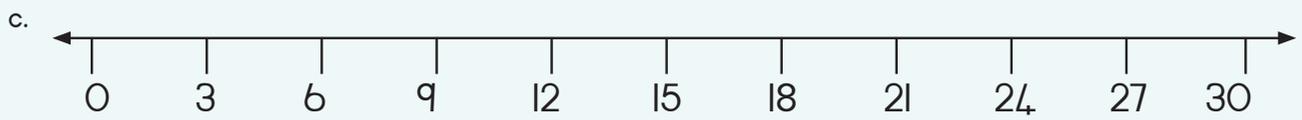
Landela isibonelo.



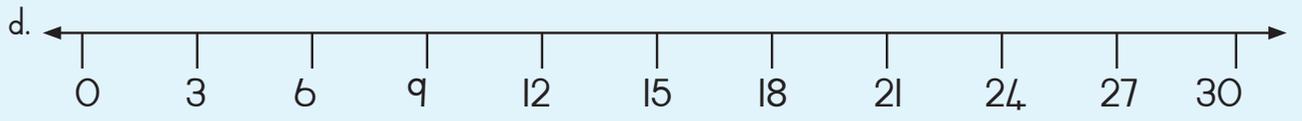
a.  $3 + 3 + 3 + 3 = \square = 4 \times 3 = \square$



$$3 + 3 + 3 + 3 + 3 = \boxed{\phantom{00}} = \boxed{\phantom{00}} \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



$$\underline{\hspace{10em}} = \boxed{\phantom{00}} = 6 \times 3 = \boxed{\phantom{00}}$$



$$\underline{\hspace{10em}} = \boxed{\phantom{00}} = 10 \times 3 = \boxed{\phantom{00}}$$



Ibhayisigili enamavili ama-2 neembhayisigili-ezimavilintathu ama-3



Esitolo seembhayisigili uBusi ubala amavili weembhayisigili neweembhayisigili-ezimavili-ntathu. Kunamavili ali-14 sele awoke.

Kuneembhayisigili ezingaki lapho? \_\_\_\_\_

Kuneembhayisigili-ezimavili-ntathu ezingaki lapho? \_\_\_\_\_



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

## Ngikuphi okuza ngaku-4?



Imilenze emine

Amaphuzu amanye  
weenomboro ezi-4 ...  
 $4 + 4 = 8$ ;  $2 \times 4 = 8$



"Iinkomo", ziinenyawo ezine.

Khuyini godu okukhamba ngakune? \_\_\_\_\_



Bala imilenze

Yaba iimpendulo.  
Hlathulula kobana wenzeni.

Sebenzisa amaphuzu owaziko mayelana naku-4 ukuphendula imibuzo le:

|   |   |
|---|---|
| Ikomo e-1  <input type="text" value="4"/> imilenze | Iinkomo ezi-2  <input type="text" value="8"/> imilenze |
| Iinkomo ezi-3  <input type="text"/> imilenze       | Iinkomo ezi-4  <input type="text"/> imilenze           |
| Iinkomo ezi-5  <input type="text"/> imilenze       | Iinkomo ezi-6  <input type="text"/> imilenze           |
| Iinkomo ezi-7  <input type="text"/> imilenze       | Iinkomo ezi-8  <input type="text"/> imilenze           |
| Iinkomo ezi-9  <input type="text"/> imilenze       | Iinkomo ezi-10  <input type="text"/> imilenze          |



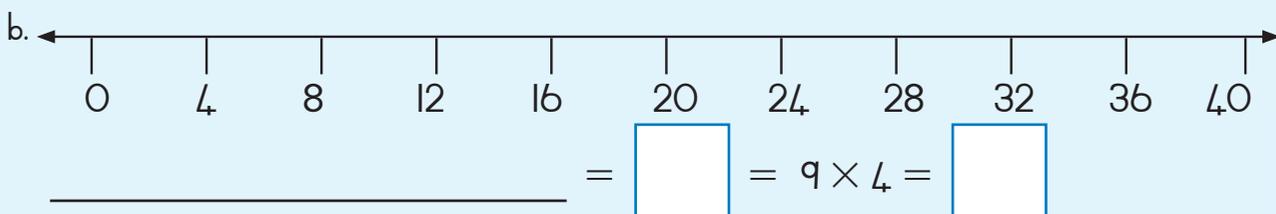
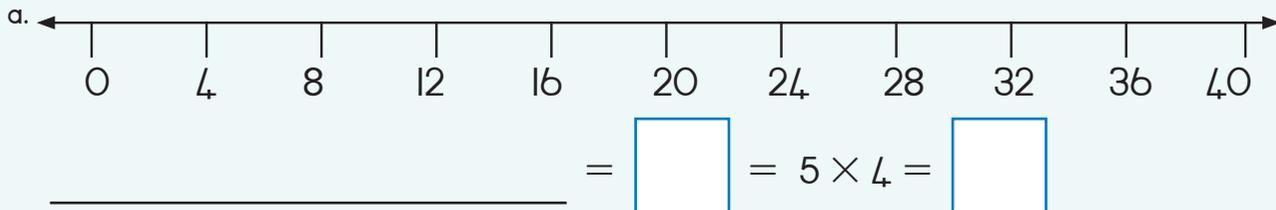
Qedelela itheyibula elandelako. Sebenzisa isibonelo ukubanelemuko.

|                                      |   |
|--------------------------------------|---|
| Iinkomo ezi-3 zinemilenze eli- _____ | $4 + 4 + 4 = 4 \times 3 = \underline{12}$ |
| Iinkomo ezi-5 zinemilenze eli- _____ |   |
| Iinkomo ezi-4 zinemilenze eli- _____ |   |
| Iinkomo ezi-7 zinemilenze eli- _____ |   |
| Iinkomo ezi-8 zinemilenze eli- _____ |   |



### Amanambalayini

Yenza isibalo sokubuyabuyelela phezulu kwenambalayini bese uyaqedelela usebenzise ukweqa.



Teacher:  
Sign:  
Date:



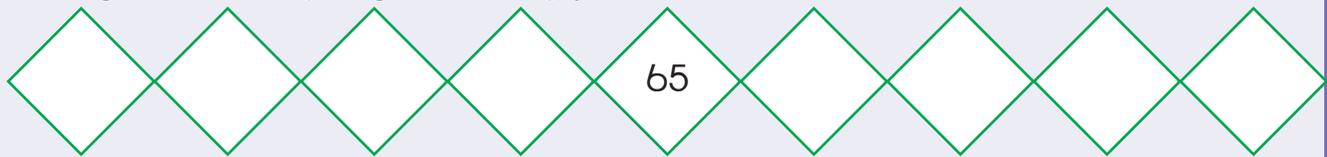


## Zenzele iphetheni yakho

- a. Kilephetheni yeenomboro, iinomboro zoke ziyalingana.  
Inomboro enye ingaba yini? Zitlole ngaphakathi.



- b. Kilephetheni yeenomboro, iinomboro zoke azilingani.  
Ezinye iinomboro zingaba yini? Zitlole ngaphakathi.



## Ingabe zifanele zibe kuphi?



| Iphetheni yangaku-3<br>neyangaku-4 | Iphethe yangaku-3<br>neyangaku-5 | Iphetheni yangaku-4<br>neyangaku-5 |
|------------------------------------|----------------------------------|------------------------------------|
| Isibonelo: 48                      |                                  |                                    |



## Elwandle

UThembi udobha amacephe welwandle ahlangani kwama-60 nama-70

Uwabala ngaku-3, usele nali-1.

Iinomboro ekungabangizo ngilezi: 61, \_\_\_\_\_, \_\_\_\_\_, 70.

Nakabala nga-5, usalelwa ku-4.

Iinomboro ekungizo ngilezi: \_\_\_\_\_, \_\_\_\_\_.

UThembi unamacephe amangaki? \_\_\_\_\_



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

30a

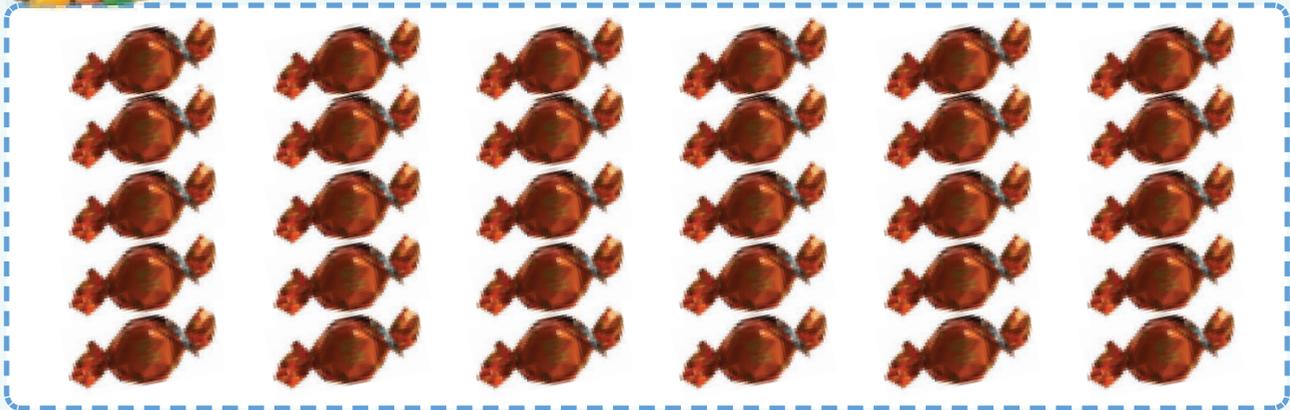
Ilanga:

Ithemu I

# Ukwehlukanisa



Yabelana ngamaswidi.



a. Yabela abentwana ababili ngokulingana amaswidi ama-30.



Singatlola ngendlela elandelako:

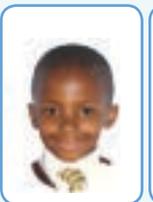
$$30 \div 2 = 15$$

b. Yabela ngokulingana amaswidi hlangana nabentwana abathathu.



$$\div =$$

c. Amaswidi ahlukiselwe abentwana aba-5



$$\div =$$



Singasebenzisa iinomboro zamabhlogo ukwabelana.

|   |  |
|---|--|
|   |  |
| $\mathbf{2} \ \mathbf{8} \div \mathbf{2} = \mathbf{1} \ \mathbf{4}$ |  |

Kwanje yenza lokhu.

a.

|   |  |
|---|--|
|   |  |
| $\square \ \square \div \mathbf{3} = \square \ \square$ |  |

b.

|   |  |
|---|--|
|   |  |
| $\square \ \square \div \mathbf{4} = \square \ \square$ |  |



Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

30b

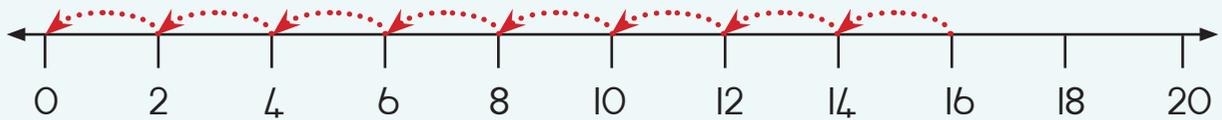
Ilanga:

# Ukwehlukana (kuragela phambili)

Ithemu I



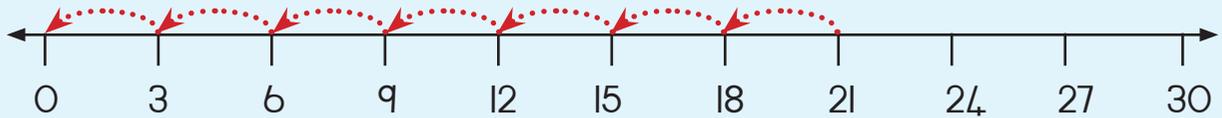
Sebenzisa amanambalayini ukutlola umutjho weenomboro okhuphako nanyana ohlukanisako. Isibonelo:



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

$$16 \div 2 = 8$$

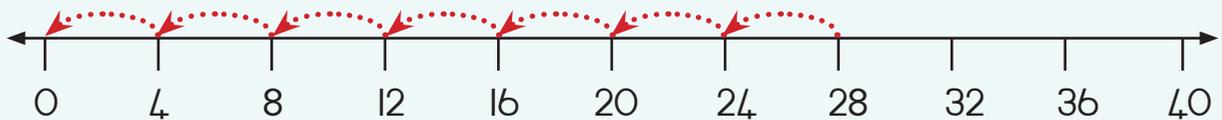
a.



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

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

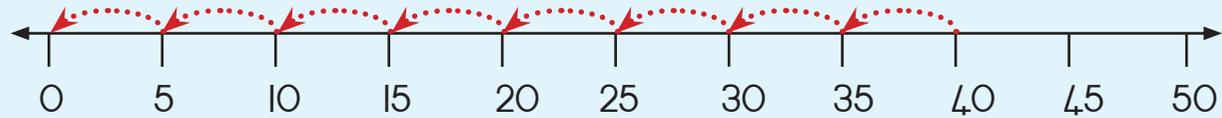
b.



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

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

c.



$$\underline{\hspace{1cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

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



Thala inambalayini urarulule imitjho yeenomboro.

a.  $30 \div 5 =$



b.  $22 \div 2 =$



c.  $27 \div 3 =$



d.  $32 \div 4 =$



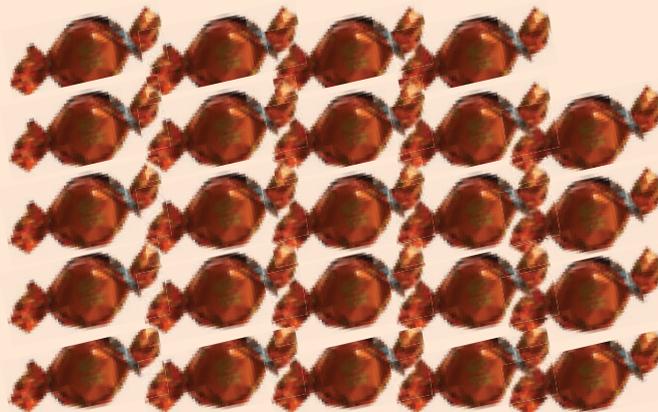
e.  $25 \div 5 =$



### Iselele

Tjengisa iindlela ongazilandela ukwabela iinqhema zabentwana amaswidi ama-24 ngokulingana.

Tlola umutjho weenomboro ukutjengisa ipendulo yakho.



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

# Amacezu

Ithemu I



Thala umuda umadanise ibumbeko necezu elifaneleko.

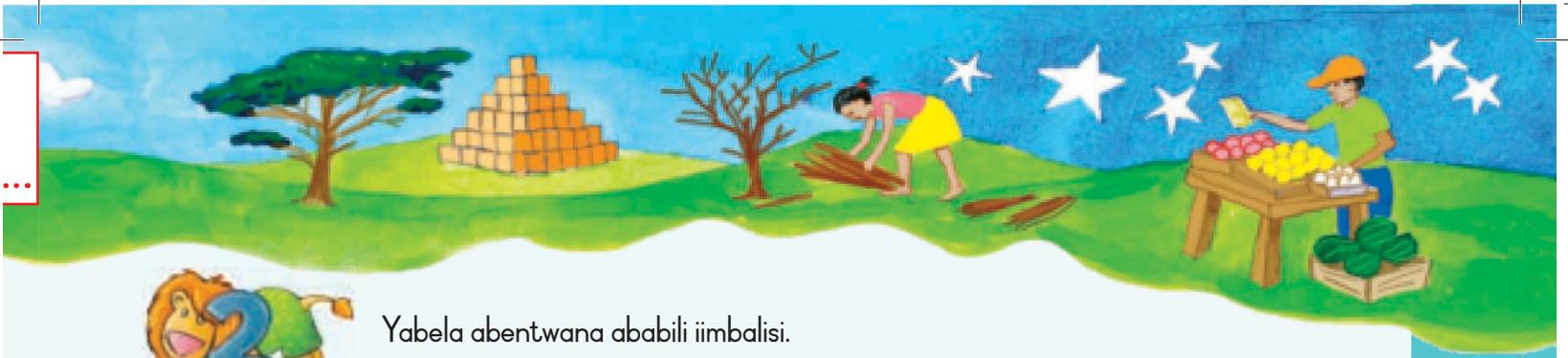
|  |   |   |   |
|--|---|---|---|
| <br>$\frac{1}{3}$<br>ingceny e yakuthathu        | <br>$\frac{1}{5}$<br>ingceny e yakuhlano    | <br>$\frac{1}{4}$<br>ingceny e yekotara | <br>$\frac{1}{2}$<br>ingceny e yehafu           |
| <br>iingceny e zintathu zamakotara $\frac{3}{4}$ | <br>iingceny e zine zakuhlano $\frac{4}{5}$ | <br>Okukodwa okuzeleko $1$              | <br>iingceny e zimbili zakuthathu $\frac{2}{3}$ |

Hlukanisa bese uyakhalara:

|                                       |   |   |  |
|---------------------------------------|---|---|--|
| <br>$\frac{1}{2}$<br>ingceny e yehafu | <br>$\frac{1}{3}$<br>ingceny e yakuthathu | <br>$\frac{1}{4}$<br>ingceny e yekotara | <br>$\frac{1}{5}$<br>ingceny e yakuhlano |
|---------------------------------------|---|---|--|

Tjengisa icezu ngokuthala umuda osuka enomborweni enembako yamasbidi.

|                                    |  |                                      |                                       |
|------------------------------------|--|--------------------------------------|---------------------------------------|
| <br>$\frac{1}{2}$ ingceny e yehafu | <br>$\frac{1}{3}$ ingceny e yakuthathu | <br>$\frac{1}{4}$ ingceny e yekotara | <br>$\frac{1}{5}$ ingceny e yakuhlano |
|------------------------------------|--|--------------------------------------|---------------------------------------|



Yabela abentwana ababili iimbalisi.

|   |   |   |   |  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |
|---|---|---|---|--|---|--|--|--|--|---|--|--|--|--|---|--|--|--|--|
| <br><table border="1"> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>   |   |   |   |  | <br><table border="1"> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table> |  |  |  |  | <br><table border="1"> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table> |  |  |  |  | <br><table border="1"> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table> |  |  |  |  |
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|   |   |   |   |  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |
|   |   |   |   |  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |
|   |   |   |   |  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |
|   |   |   |   |  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |
|   |   |   |   |  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |
|   |   |   |   |  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |
| <ul style="list-style-type: none"> <li>• Omunye nomunye ufunyene iimbalisi ezi- <u>2</u></li> <li>• Ihafu yeembalisi ezi- <u>4</u> ngu <u>2</u>.</li> </ul> | <ul style="list-style-type: none"> <li>• Omunye nomunye ufunyene iimbalisi ezi- <u>    </u></li> <li>• <u>    </u> yaka <u>    </u> ngu <u>    </u>.</li> </ul> | <ul style="list-style-type: none"> <li>• Omunye nomunye ufunyene iimbalisi ezi- <u>    </u></li> <li>• <u>    </u> yaka <u>    </u> ngu <u>    </u>.</li> </ul> | <ul style="list-style-type: none"> <li>• Omunye nomunye ufunyene iimbalisi ezi- <u>    </u></li> <li>• <u>    </u> yaka <u>    </u> ngu <u>    </u>.</li> </ul> |  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |
| $4 \div 2 = 2$  | $\_\_\_ \div \_\_\_ = \_\_\_$   | $\_\_\_ \div \_\_\_ = \_\_\_$   | $\_\_\_ \div \_\_\_ = \_\_\_$   |  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |



Yabela abentwana amaswidi ngokulingana.

|  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|
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|  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |
| <ul style="list-style-type: none"> <li>• ikotara amaswidi = 3</li> <li>• amakotara amabili amaswidi = <u>    </u></li> <li>• amakotara amathathu amaswidi = <u>    </u></li> <li>• amakotara amane amaswidi = <u>    </u></li> </ul> | <ul style="list-style-type: none"> <li>• isiquntu esisodwa sesithathu amaswidi = <u>    </u></li> <li>• iinquntu ezimbili zesithathu amaswidi = <u>    </u></li> <li>• iinquntu ezintathu zesithathu amaswidi = <u>    </u></li> </ul> |  |  |  |  |  |  |  |   |  |  |  |  |  |  |



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

# Sekusikhathi



Ukuya ngesidleni

Singatlola isikhathi esifanako ngeendlela ezihlukileko.

|                                |                                |                                   |
|--------------------------------|--------------------------------|-----------------------------------|
|                                |                                |                                   |
| 2:15                           | 5:30                           | 9:45                              |
| likotara ngemva<br>kwelesibili | siquntu ngemva<br>kwelesihlanu | likotara ngaphambi<br>kweletjhumi |

Tlola lokhu ngeendlela ezimbili ezihlukileko.

|       |       |       |
|-------|-------|-------|
|       |       |       |
| _____ | _____ | _____ |
| _____ | _____ | _____ |



## Ukuya ekhaya

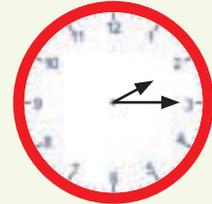
UBen uthatha isikhathi esingangani ukufika ekhaya?

imizuzu

ama-iri



UBen usuka  
esikolweni.



UBen ufika  
ekhaya.



## Isikhathi siyagijima

Isikhathi ngaku-2 ...



Mingaki ...

imizuzu ema-irini ama-2? \_\_\_\_\_

ama-iri ngamalanga ama-2? \_\_\_\_\_

amalanga ngeemveke ezi-2? \_\_\_\_\_

iinyanga ngeminyaka emi-2? \_\_\_\_\_



## Malanga amangaki?

UMrhayili 27 liLanga leKululeko.

UMgwengweni 16 liLanga leLutjha.

- Ukusukela ngelanga lekuleleko ukufika ngelanga labatjha kuna \_\_\_\_\_ weenyanga zoke, \_\_\_\_\_ wamaveke woke na. \_\_\_\_\_ wamalanga.
- Zingaki iimveke zoke kikho koke? \_\_\_\_\_ Mangaki amalanga aseleko? \_\_\_\_\_. Mangaki amalanga kikho koke? \_\_\_\_\_.
- Ilanga lamabeletho wakaLebo limalanga ali-7 ngaphambi kweLanga leKululeko. Ilanga lamabeletho wakaMusa limalanga amabili ngemva kwelanga leLutjha. Ngubani omdala? \_\_\_\_\_ Ngamalanga amangaki? \_\_\_\_\_

| USiHabantangana |     |     |     |     |     |     |
|-----------------|-----|-----|-----|-----|-----|-----|
| Mwl             | Lsb | Lst | Lsn | Lsh | Mga | Snd |
| 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  |     |     |     |     |     |

| UMrhayili |     |     |     |     |     |     |
|-----------|-----|-----|-----|-----|-----|-----|
| Mwl       | Lsb | Lst | Lsn | Lsh | Mga | Snd |
|           |     | 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  |     |     |

| UMgwengweni |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|
| Mwl         | Lsb | Lst | Lsn | Lsh | Mga | Snd |
|             |     |     |     |     | 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  |

Tjhega. Madanisa.  
Lungisa.

Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

## Kunqotjhiwe kuma-200



## Balani iinomboro



Balani benitjho zoke iinomboro kusukela e-101 ukuya ema-200.  
Khombani nanilokhu nibala.



|     |     |     |     |     |     |  |     |     |     |
|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|
| 101 | 102 |     |     |     |     |  |     |     |     |
| 111 |     |     |     |     |     |  |     |     |     |
| 121 |     |     |     |     |     |  |     |     |     |
| 131 |     |     |     |     |     |  |     |     |     |
|     |     |     |     |     |     |  |     | 179 |     |
|     |     |     | 154 |     |     |  |     |     |     |
|     |     |     |     | 165 |     |  |     |     |     |
|     |     | 173 |     |     |     |  |     |     | 180 |
| 181 |     |     |     |     | 186 |  |     |     |     |
|     |     |     |     |     |     |  | 198 |     | 200 |



## Tlolani iinomboro

- Tlolani inomboro etlhayelako esikwereni ngasinye esihlaza kwesibhakabhaka.
- Tlolani zoke ezinye iinomboro.
- Tlolani iinomboro ezili-10 ezilandelako ngemva kwama-200.

200; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_



Ingangani imeqo?

a.

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

b.

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



Qedelela

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

Hlela iinomboro zilandelane kusuka kencani kuye kekulu.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



Balani kusukela e-100

Zalisa amabhoksi anganalitho ngokubala kobana ngikuphi okutlhogako ukufika enomborweni elandelako.

Thomani

|     |         |     |   |  |   |     |   |  |   |     |
|-----|---------|-----|---|--|---|-----|---|--|---|-----|
| 100 | → +25 → | 125 | → |  | → | 129 | → |  | → | 138 |
|-----|---------|-----|---|--|---|-----|---|--|---|-----|

Qedani

|     |   |  |   |     |   |  |   |     |   |  |   |     |
|-----|---|--|---|-----|---|--|---|-----|---|--|---|-----|
| 168 | ← |  | ← | 157 | ← |  | ← | 151 | ← |  | ← | 145 |
|-----|---|--|---|-----|---|--|---|-----|---|--|---|-----|



Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

## Ukusebenza ngamabuthelalo weenomboro



### Ukupaka amakerese

UNaNkosi usebenza efemini yamakerese.

Lokha amakerese nasele alungile, uwapaka ngendlela le elandelako ngamathreyi eenrageni.



Kunamakerese amangaki ethreyini ngayinye? \_\_\_\_\_

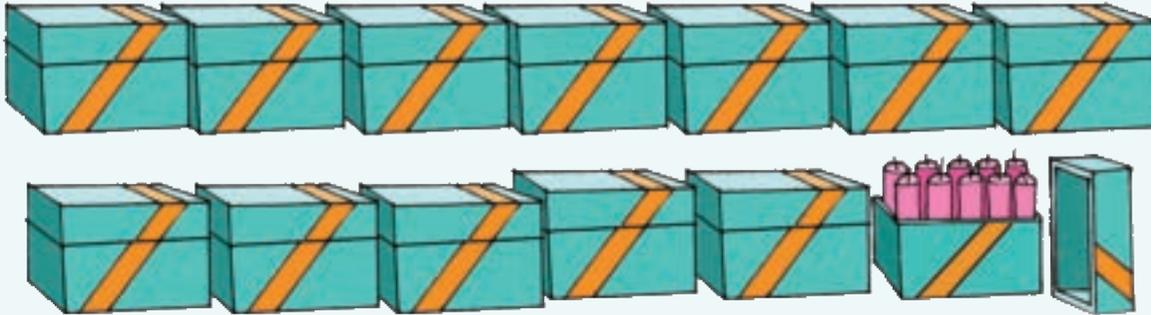
Kunamathreyi amangaki erageni ngayinye? \_\_\_\_\_

Kunama-keresi amangaki erageni ngayinye? \_\_\_\_\_



## Amabhoksi wamakerese

Okulandelako uNaNkosi uvala amabhoksi.



a. Bala amabhoksi.

Mangaki? \_\_\_\_\_

Amakerese mangaki selawoke? \_\_\_\_\_

Kufanele kwenziwe mangaki amanye amabhoksi ukwenza ama-200 wamakerese? \_\_\_\_\_

b. Mangaki amabhoksi we-:

|  |  |
|--|--|
| amabhoksi ama-2, _____  | amabhoksi ama-4, _____  |
| amabhoksi ama-5, _____  | amabhoksi ama-3, _____  |
| amabhoksi ama-6, _____  | amabhoksi ama-7, _____  |

c. Mangaki amabhoksi awadingako we:

|  |  |
|--|--|
| 40  _____ amabhoksi | 70  _____ amabhoksi |
| 50  _____ amabhoksi | 30  _____ amabhoksi |



35a

Ilanga:

Ithemu 2

# Ukubeka amatjumi ndawonye nokuwahlukanisa



Ukubeka amatjumi ndawonye lokha nasihlanganisako.

|   |  |  |
|---|--|--|
| <p>Asihlanganiseni<br/><math>56 + 73 =</math></p> |  | <p>+</p>                                   |
|   | <p>amatjumi ama-5<br/>namayunidi ama-6</p> | <p>amatjumi ali-7<br/>namayunidi ama-3</p> |

| 100s | 10s | 1s |
|------|-----|----|
|      |     |    |

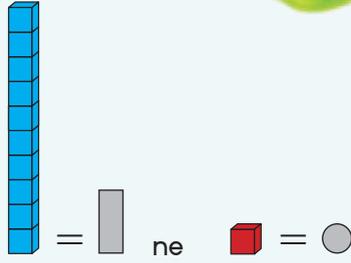
Nasele kukoke sinamatjumi ali-12.  
Singabeka amatjumi ama-10 ndawonye ukwenza ikhulu li-1.

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



Asilingeni lokhu.

Isibonelo:  $82 + 34$



|                      |  |
|----------------------|--|
|                      |  |
|                      |  |
|                      |  |
| $100 + 20 + 6 = 126$ |  |

b.  $65 + 52$

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

c.  $76 + 63$

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

d.  $86 + 65$

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



Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

## Ukubeka amatjumi ndawonye nokuwahlukanisa (kuragela phambili)



Sebenzisa amabhlogo wobukhulu beenomboro.

| Sebenzisa amabhlogo wobukhulu beenomboro ukwenza iinomboro ezimbilezi. | Koke ndawonye mangaki amatjumi? bangaki abowani? | Ingabe uhlele amatjumi namkha abowani? Tjhega ubukhulu beenomboro lapho uhlela kabutjha. | Tlola inomboro. |
|--|--|--|-----------------|
| $23 + 99 =$  | ____ amatjumi<br>____ abowani                    | abowani aba-11 + amayunidi ali-12<br>$= 110 + 12$  | 122             |
| $38 + 25 =$  | ____ amatjumi<br>____ abowani                    |  |                 |
| $77 + 31 =$  | ____ amatjumi<br>____ abowani                    |  |                 |
| $68 + 45 =$  | ____ amatjumi<br>____ abowani                    |  |                 |
| $83 + 47 =$  | ____ amatjumi<br>____ abowani                    |  |                 |



## Asibekela amatjumi ngeqadi lokha nasikhuphako

Lokha nasikhuphako, kesinye isikhathi sitlhoga kobana sitjengise itjumi linye njengabowani abalitjumi, namkha ikhulu njenge-10 elimatjumi.

Asikhuphe kuma:  $60 - 55 =$

Sithoma amatjhumini amathandathu begodu hayi abowani. Sifuna ukukhupha amatjumi amahlanu nabowani abahlanu

(abowani esibasusako sibafake umbala omlotha.)

|  |  |  |
|--|--|--|
|  |  |  |
| Singatjengisa amatjumi amathandathu nje. | Namkha njengamatjumi amahlanu nabowani abalitjumi. | Susa amatjumi amahlanu nabowani abahlanu. Abowani abahlanu basele. |
|  |  | $60 - 55 = 5$  |



Asilingeni lokhu.

a.  $70 - 28$

|             |                            |             |  |
|-------------|----------------------------|-------------|--|
|             |                            |             |  |
| 7 amatjhumi | 6 amatjhumi ne-10 labowani | $70 - 28 =$ |  |

b.  $90 - 46$

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

c.  $80 - 53$

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



Fumana ipara yeenomboro

a.

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

b.

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

c.

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

d.

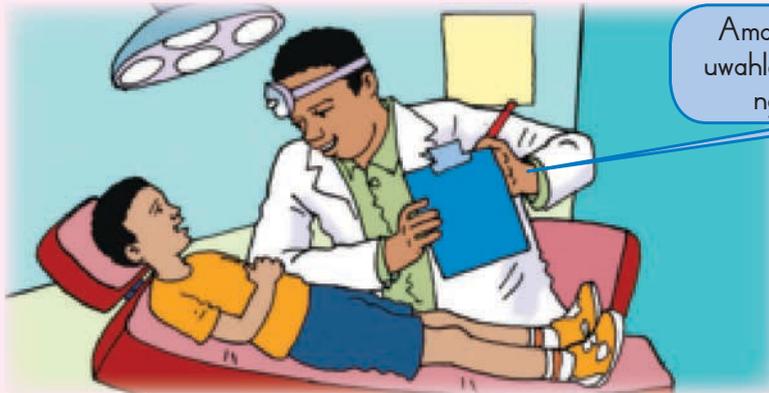
|     |  |
|-----|--|
| 200 |  |
| 85  |  |



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

## Ukuvakatjhela udorhodere wamazinyo

Isiqhema sabentwana sivakatjhela udorhodere wamazinyo.



Amazinyo wakho uwahlamba kangaki ngelanga?

Lokhu ngilokho abentwana abamtjela khona



= ka-1

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

a. Bala amathiki atjengisa kobana abentwana bahlamba amazinyo wabo kangaki. Tlola iinomboro (✓).

|                       |  |
|-----------------------|--|
| <br>Kanye ngelanga    |  |
| <br>Kabili ngelanga   |  |
| <br>Kathathu ngelanga |  |

b. Ubona ini phezulu kwetafula?

Inengi labentwana lihlamba amazinyo wabo \_\_\_\_\_ ngelanga.

Kunabentwana aba \_\_\_\_\_ esiqhemeni.



Gwala/Dweba igrafu yeenthombe ezitjengisa kobana abentwana bawahlamba kangaki amazinyo wabo ngelanga.

 = kanye



Yenza iphenyo ngetlasini lakho. Buza abentwana abahlangana ne-15 – 20.

- a. Bawahlamba kangaki amazinyo ngelanga? \_\_\_\_\_
- b. Gwala igrafu yeenthombe efana nale engehla ukuze utjengise okufunyeneko.





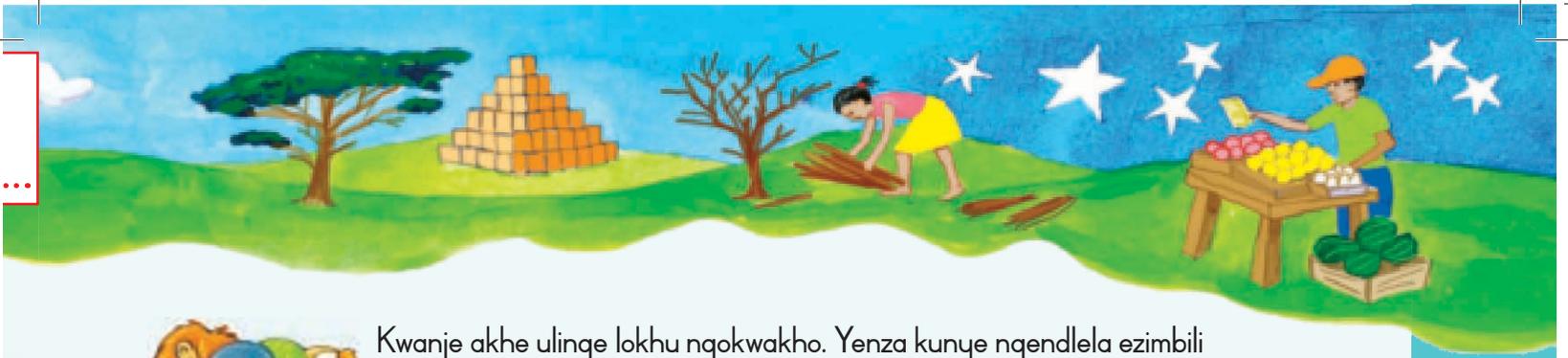
Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

11 12 13 14 15 16 17 18 19 20





Kwanje akhe ulinge lokhu ngokwakho. Yenza kunye ngendlela ezimbili ezihlukeneko.

a.  $86 + 62$

Indlela yakaBusi.

$$80 + 60 + 6 + 2$$



Indlela yaka-Dumi

$$80 + 6 + 60 + 2$$



b.  $72 + 63$

c.  $81 + 57$

d.  $69 + 71$

Sebenzisa iindlela ka-Aakar ukwenza lokhu.



Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

37b

Ilanga:

Ithemu 2

# Hlanganisa (kuragela phambili)



Kwanje asikhuphe.

a.  $87 - 53$

Indlela yakaBusi.

$$80 - 50 + 7 - 3$$

$$= 30 + 4$$

$$= 34$$



Indlela yaka-Tumi

$$80 + 7 - 50 + 3$$

$$= 30 + 4$$

$$= 34$$



b.  $95 - 73$

c.  $86 - 62$

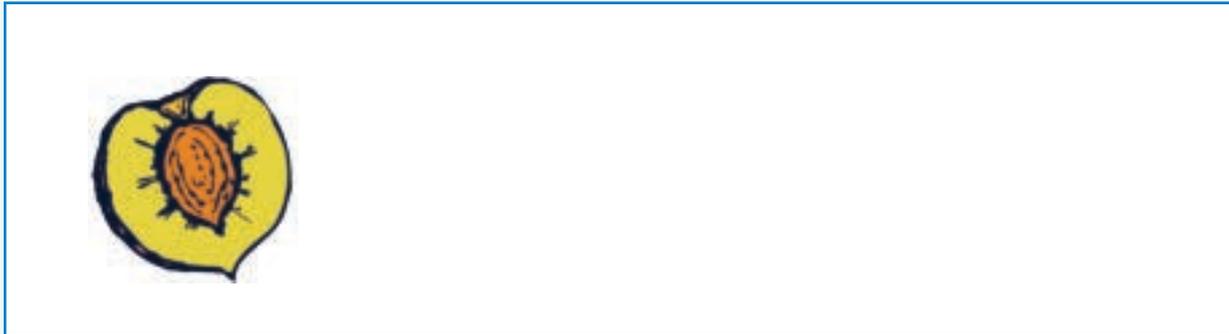
d.  $85 - 69$



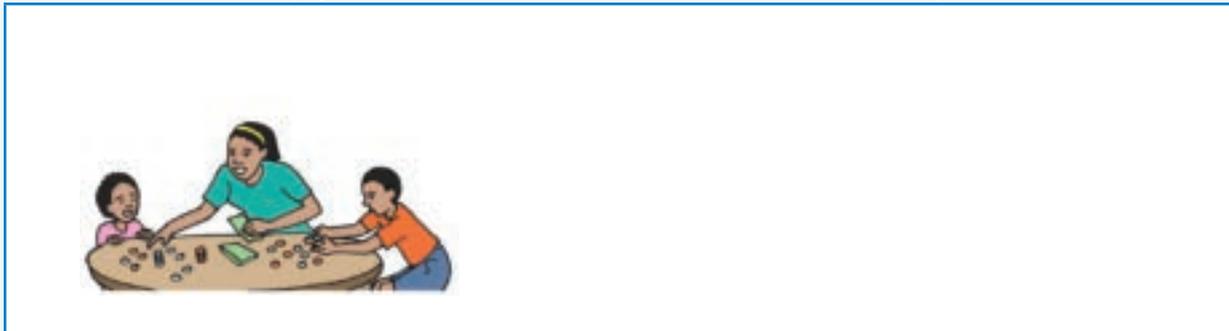
## Rarulula!

Kuneendlela ezinengi zokuhlenganisa **ngamayunidi nangamatjhum**i ndawonye. Khetha indlela oyaziko begodu noyithanda khulu ukurarulula imiraro le. Tjengisa umsebenzakho.

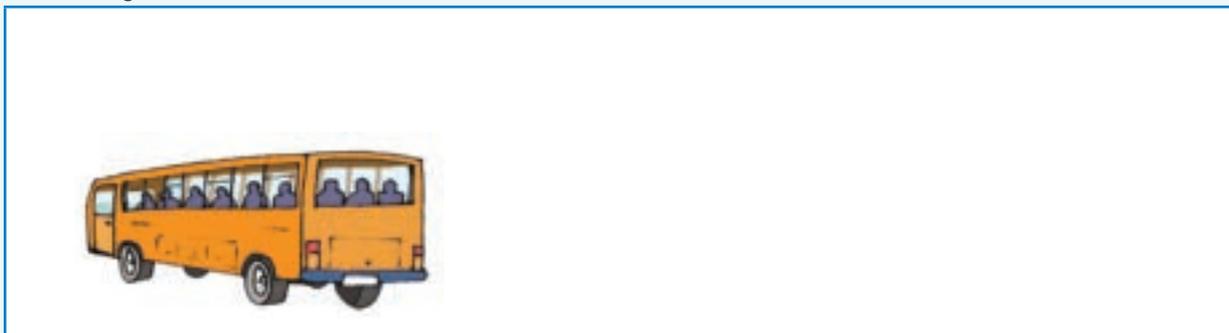
- a. UPeter uthoma ngokudobha iimperegisi ezima-34 begodu neemperegisi ezima-67. Zingaki iimperegisi nasele zizoke?



- b. Abentwana bakaMalusi babulunga ama-R47 nasele awoke. Unina ubanikela ngaphezulu amaranda ama-R58. Sebanamalini kwanjesi?



- c. Ibhesi yesikolo ikhamba 88 km ekuseni begodu 73 km ngemva kwedina. Mangaki ama-km nasele awoke?



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

## Rarulula!



Iimvalo zamabhodlelo

Sebenzisa enye nenye indlela oyithandako.  
Tjengisa umsebenzakho.



USipho



U-Andile

USipho ubala iimvalo zamabhodlelo ezima-87. U-Andile ubala ezima-38.

USipho ubale iimvalo ezingaki ngehla kwakaSandile?



Ikhonsadi yesikolo



UMusa



UMusa uthengise amathikithi. Unamathikithi ama-92 athoma ngawo. Usele nama-67.

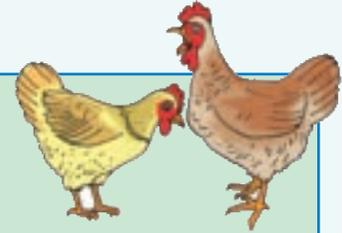
Bekube njenganje uMusa sele athengise amathikithi amangaki?



## Ukuzijayeza



Kunamadzinyani ama-69 ngepanini yinye begodu ama-95 angakenye. Kuneenkukhu ezingaki lapho nasele zizoke? Funda kobana uGugu noAakar bawusombulula njani umraro.



Indlela kaGugu

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



Indlela kaAakar

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

Ingabe uyazi kobana kubayini Ngikhuphe ku-1?



a. Abesana babuthelela ama-R96 ukulungiselela ikhambo letlasi. Abentazana babuthelela ama-R79. Ingabe babuthelele malini nasele iyoke?

Sebenzisa indlela kaGugu

Sebenzisa indlela kaAakar

b. Isikolo sinye sibuthelela amabhlegana ama-76 kg. Esinye isikolo sibuthelela amabhlegana ama-68 kg. Ma-kg amangaki wamabhlegana abuthelelwe ziinkolo ezimbili nasele awoke?

Sebenzisa indlela kaGugu

Sebenzisa indlela ka-Aakar



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

## Bala bewubalisise

Ithemu 2



Fumana ingcenywe

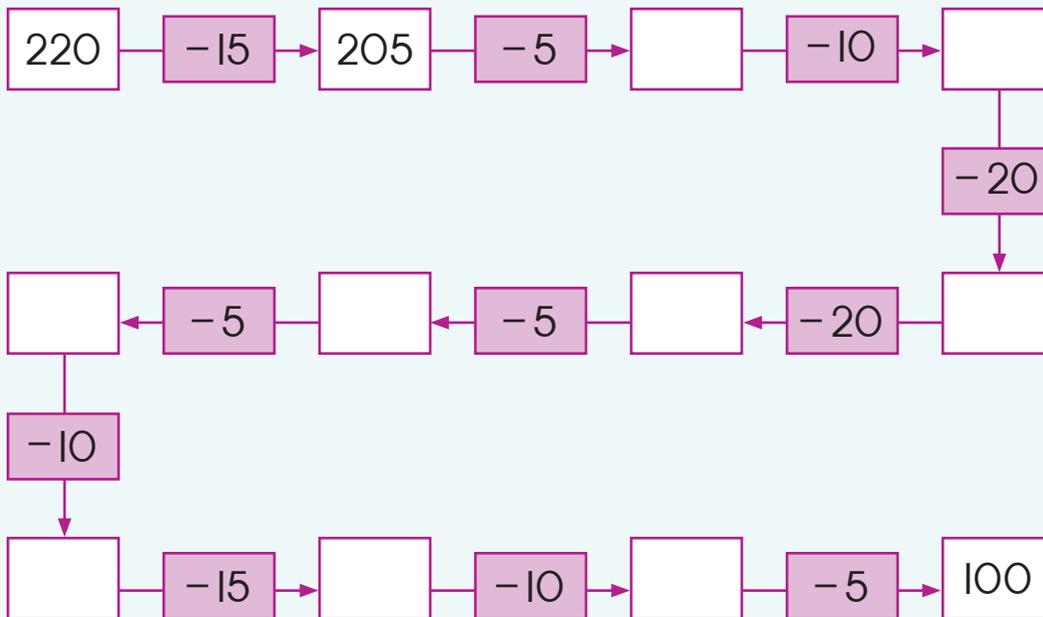
Tlola iinomboro ezitlhayelako.

|  |  |  |  |
|--|--|--|--|
| a.   | b.   | c.   | d.   |
| $\begin{array}{ c c } \hline 100 & \\ \hline \hline & 27 \\ \hline \end{array}$  | $\begin{array}{ c c } \hline 100 & \\ \hline \hline 39 & \\ \hline \end{array}$  | $\begin{array}{ c c } \hline 100 & \\ \hline \hline 43 & \\ \hline \end{array}$  | $\begin{array}{ c c } \hline 100 & \\ \hline \hline 56 & \\ \hline \end{array}$  |
| e.   | f.   | g.   | h.   |
| $\begin{array}{ c c } \hline 200 & \\ \hline \hline 140 & \\ \hline \end{array}$ | $\begin{array}{ c c } \hline 200 & \\ \hline \hline & 110 \\ \hline \end{array}$ | $\begin{array}{ c c } \hline 200 & \\ \hline \hline 135 & \\ \hline \end{array}$ | $\begin{array}{ c c } \hline 200 & \\ \hline \hline & 120 \\ \hline \end{array}$ |



Ukukhupha sinyovana kusukela ema-220 ukuya e-100.

Ukhupha inomboro engebhoksini elipinki.  
Yokuthoma selewenzelwe yona.



Nasi indlela yokutjhega iimpendulo zakho! Thoma e-100!

Sebenzela emva ukuya ema-220.

Kodwana kwanjesi, hlanganisa iinomboro.



### Imindeni yangabathathu

Fumana iinomboro ezi-3 ezihlanganisa inomboro enqophiweko. Kodwana kufanele ulandele umthetho othi yinomboro yinye kwaphela engaphelela ngo-0.

Isibonelo:

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



### Amatjhumi ama-50 ngaphezulu namatjhumi ama-50 ngaphasi.

Tlola iimpendulo emideni wesi-2.

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



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

40

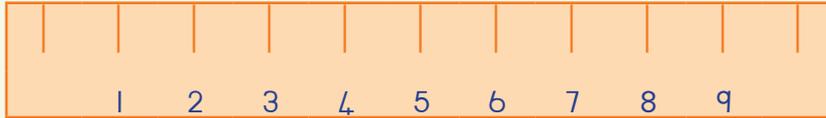
Ilanga:

Ithemu 2

# Ukumeda ngamasenthimitha



Isentimitha lingangani?



Iinomboro eruleni zijamele amasenthimitha.

Sisebenzisa isirhunyezo namkha itshwayo cm.

Lokha nawusebenzisa irula, kufanele uthome ukumeda kusukela ku-0.

Amanye amarula akatjengisi u-0 njengale esekhasineli.

Fumana uziro cm eruleni. Tlola u-0 eruleni.

Ikuphi i-10 cm eruleni le? Tlola i-10 lapha.



Linganisa, bese ulinganisa ngefanelo ngerula yakho, inani eliphheleleko lobude bemida leyo ngama-cm.

a.

b.

c.

|  |  |  |
|--|--|--|
| a. Linganisa <input type="text"/> ama-cm | b. Linganisa <input type="text"/> ama-cm | c. Linganisa <input type="text"/> ama-cm |
| Meda <input type="text"/> ama-cm         | Meda <input type="text"/> ama-cm         | Meda <input type="text"/> ama-cm         |





## Ingabe umuda ngamunye mude kangangani?

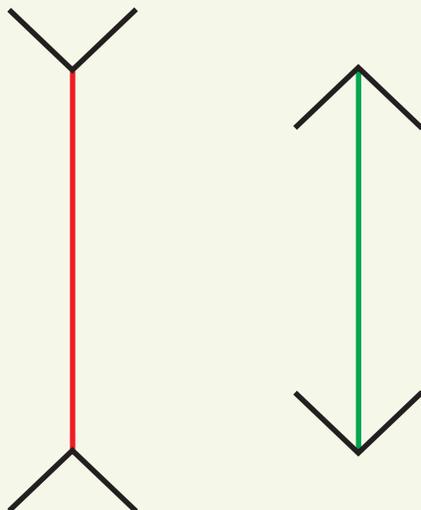
Umuda ngamunye unama-cm amangaki ubude?  
Sebenzisa umunwakho ukusize ukuqunta.

|                                  |                                  |
|----------------------------------|----------------------------------|
| a. _____ <input type="text"/> cm | d.   <input type="text"/> cm     |
| b. _____ <input type="text"/> cm | e. _____ <input type="text"/> cm |
| c. _____ <input type="text"/> cm | f. _____ <input type="text"/> cm |



## Uqinisekile?

Ngimuphi omudenyana, umthala obomvu namkha umthala ohlaza satjani?  
Ungatjhega bunjani?



Lokhu ngilokho okubizwa ngokuthi kuphambanisa amehlo. Kwenzeka lokha amehlwakho abona kwangathi kunento kanti ayikho. Imida emibili le iyalingana. Imida enzima elulekela ngaphandle yenza kobana imida ebovu ibonakale kwanga mide kanti imida enzima engenela ngaphakathi yenza imida ehlazakotjani ibonakale kwangamide.



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

Ilanga:

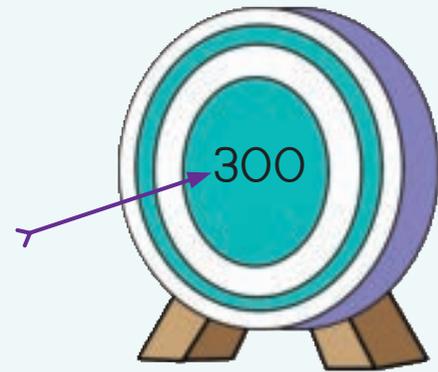
41

# Kunqotjhwe kuma-300

Ithemu 2



Bala bewutlole ama-200!



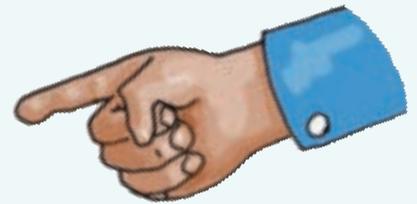
Bala kusukela ema-201 ukuya ema-300.

Khomba nawulokhu uragela phambili.

Zalisa iinomboro ezihlaza kwesibhakabhaka qange.

Tlola ebunengini beenomboro.

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



Tlola iinomboro ezili-10 ezilandela ngemva kwama-300.

300; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_



Khuyini ukweqa?

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



Tjhejisisa begodu umadanise

a. Tlola iinomboro ezingena ngekaradeni elinye nelinye.

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

|     |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|
| 200 |  |  |  |  |  |  |  |
| 90  |  |  |  |  |  |  |  |
| 8   |  |  |  |  |  |  |  |

b. Tlola iinomboro ngokulandelana kusukela kezincani ukuya kezikulu.

\_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_



Ubuyelwa yimalini? Tlola iinomboro ezithlayelako.

Thoma

|     |     |     |  |     |  |     |
|-----|-----|-----|--|-----|--|-----|
| 200 | +25 | 225 |  | 237 |  | 249 |
|     |     |     |  |     |  |     |

Phetha

|     |  |     |  |     |  |     |
|-----|--|-----|--|-----|--|-----|
| 300 |  | 286 |  | 278 |  | 261 |
|     |  |     |  |     |  |     |



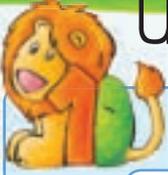
Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

# 42

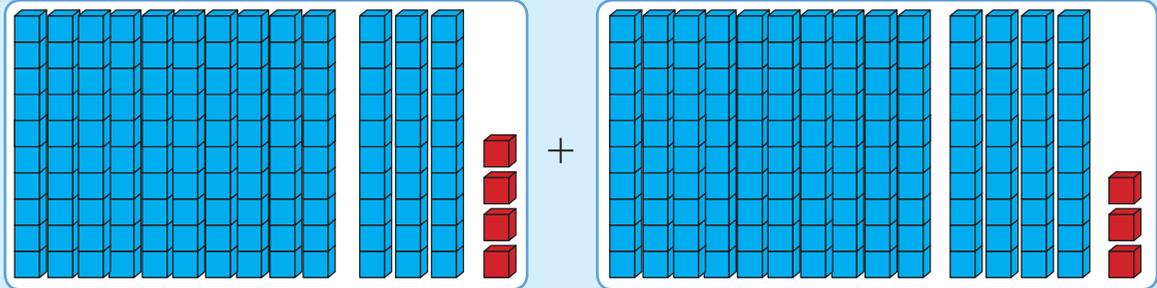
Ilanga:

Ithemu 2

## Ukuhlanganisa kanye nokukhupha ngama-100



Ukuhlanganisa usebenzise amabhlogo.



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



Funyana iindlela ezimbili zokwenza lokhu. Tjengisa ipendulo enye nenye ngendlela ezimbili.

a.  $132 + 123$

Indlela yakaBusi

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

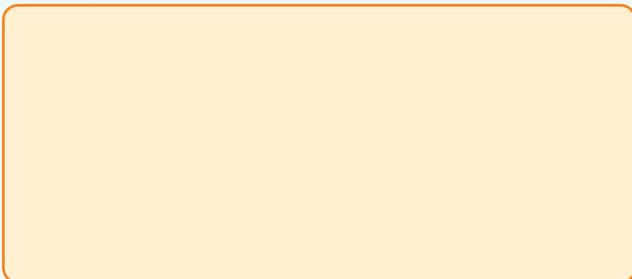


Indlela yaka-Tumi

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



b.  $114 + 162$





c.  $276 + 148$



Funda enye nenye indlela. Sebenza esinye nesinye isibalo ngeendlela ezimbili.

a.  $158 - 146$

Indlela yakaBusi

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

$$= 0 + 10 + 2$$

$$= 12$$



Indlela yakaTumi

$$158 - 146$$

$$= 0 + 10 + 2$$

$$= 12$$



b.  $194 - 122$

c.  $288 - 199$



Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

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Ilanga:

Ithemu 2

# Kunqotjhwe kuma-400

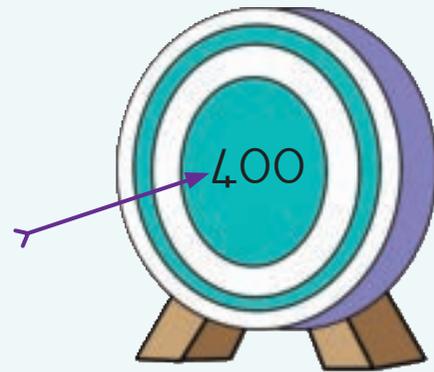


Ukubala kanye nokutlola ama-400

Ukubala kusuka kuma-300 bekufike kuma-400.

Phimisela/Yitjho iinomboro nawulokhu uya phambili ubala.

Tlola iinomboro ezitlhayelako kugridi.



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

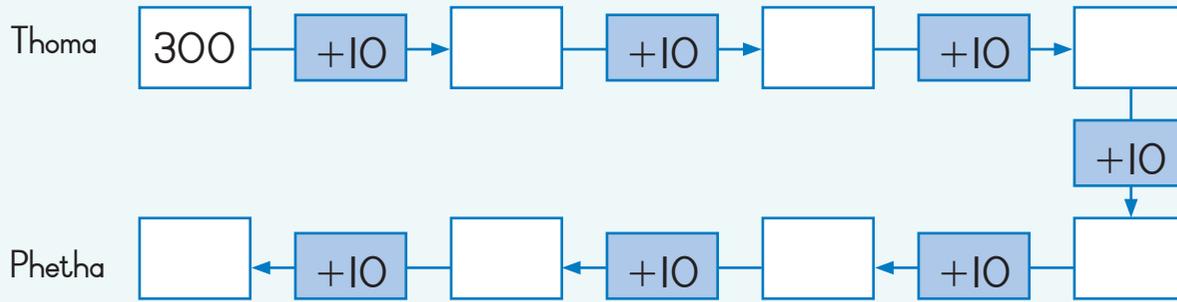
Tlola ezinye iinomboro ezili-9 eziza ngemuva kwama-400.

400; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_;

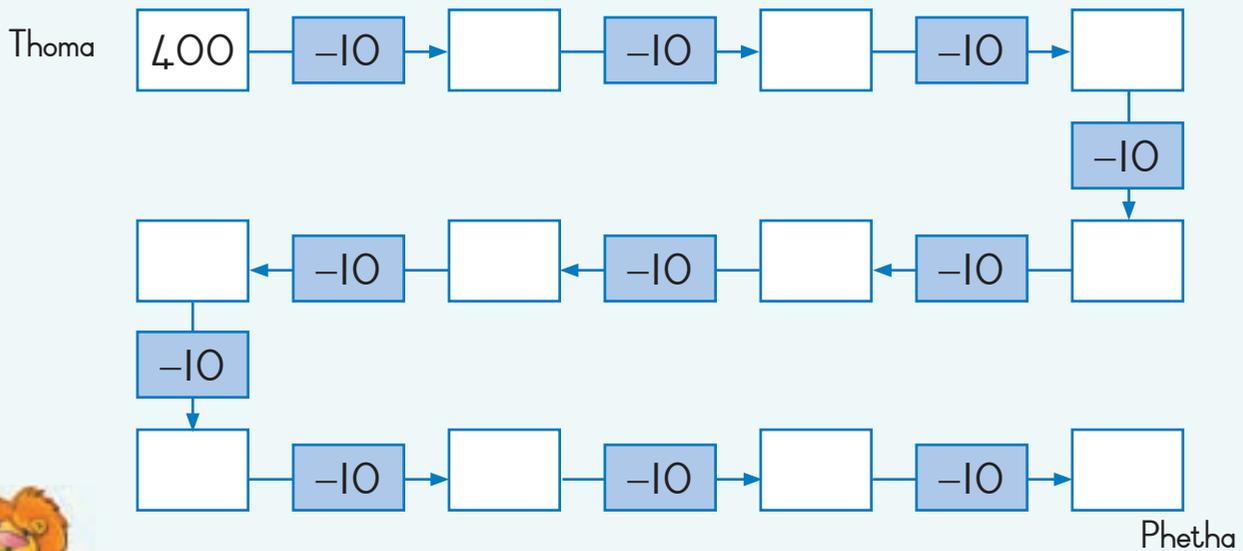


Bala uye phambili ubuye ubale sinyovana.

a. Ukubala kusuka kuma-300 nokuya phambili



b. Bala ukusuka kuma-400 ubuye emuva ngama-10.



Tlola kube yinomboro eyodwa

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

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

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

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

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

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

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

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

Tlola inomboro ngokulandelana kusuke kencani kuye kekulu khulu.

\_\_\_\_\_



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 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

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Ilanga:

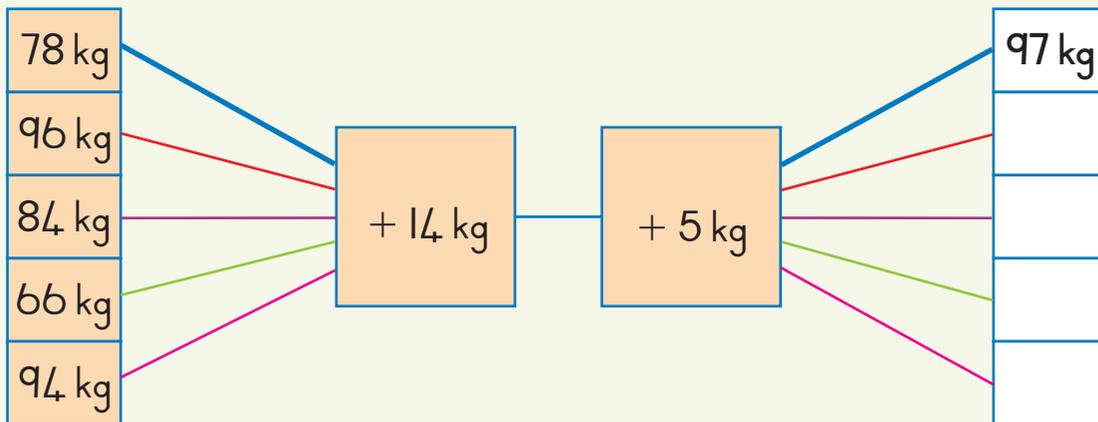
Ithemu 2

## Ukukala



Ngezelela ngamakhilogramu

Hlanganisa begodu ufumane iimpendulo.



Yenza okupheleleko begodu uhlanganise!

Cabanga kuhle!

|                       |                     |                   |                             |                        |
|-----------------------|---------------------|-------------------|-----------------------------|------------------------|
|                       |                     |                   |                             |                        |
| Ujakalasi<br>ma-25 kg | Ikghuru<br>ma-98 kg | Ifene<br>ma-59 kg | Umntwana wedube<br>ma-88 kg | Iphelikheni<br>ma-9 kg |

Yenza ubudisi ngabunye buphelele ububandameze e-10 lama-kg.

---

Tlola ubudisi ngokulandelana kusukela kokubulula ukuya kokubudisi.

---

Linganisa ithothali yobudisi beenyamazana ezi-5.

---



## Hlanganisa ubudisi



Kungenzeka ngingabibudisi njengawe. Ikghuru omdala, kodwana nginesiqiniseko ngimasinyana!



### Amagadango

- Sebenzisa inani elenziwe ngokupheleleko.
- Linganisa ubudisi beenyamazana emadeni ngamunye.
- Bala ithothali.
- Madanisa amathothali amabili begodu tlola umehluko.

|   | Ngiyalinganisa | Ngiyabala | Umehluko |
|---|----------------|-----------|----------|
|  +    |                |           |          |
|  +  +  |                |           |          |
|  +  +  |                |           |          |



## Ubudisi bakaVusi

Tjhega. Madanisa. Lungisa.

UVusi uhlanganisa ubudisi bakhe nobudisi be  begodu ne .

Ubudisi babo buma-239 kg. Ingabe uVusi unobudisi obungangani? Tjengisa ipendulo yakho.



## Buyini ubudisi bami?

Dlala esiqhemeni. Dlheganani ...

Hlanganisa ubudisi bakho ebudisini bezinye zeenyamazana. Sebenza ithothali. Tjela isiqhema kobana ipendulo ithini. Ungabatjengisi umsebenzakho! Kufanele balinge basebenze ubudisi bakho.

Teacher: \_\_\_\_\_

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Date: \_\_\_\_\_

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Ilanga:

# Kunqotjhwe kuma-500



Bala bewutlole!

400



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

Ithemu 2

- Ragela phambili nokubala kusuka ema-400. Yitjho iinomboro nawulokhu ubala.
- Tlola iinomboro ezitlhayelako ngegridini.
- Tlola iinomboro ezilandelako ezili-9 ngemva kwama-500.

500; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_

- Bala ngaku-2. Tlola iinomboro ezilandelako ezibu-8 ngephetheni yangaku-2.

400; 402; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_

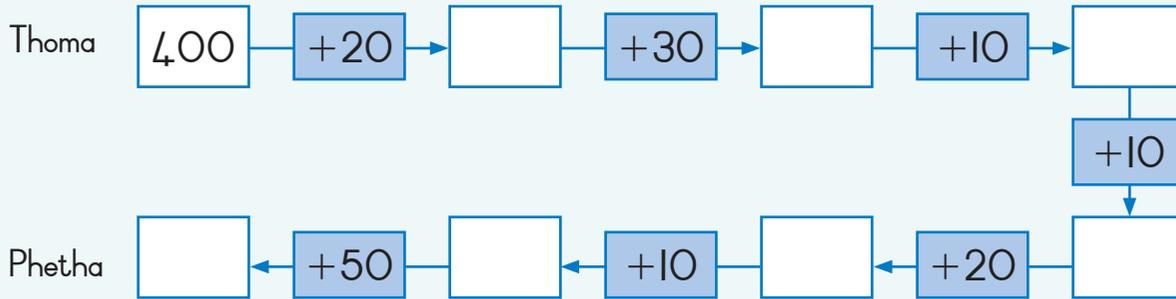
- Bala ngaku-5. Tlola iinomboro ezilandelako ezibu-8 ngephetheni yangaku-5.

400; 405; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_

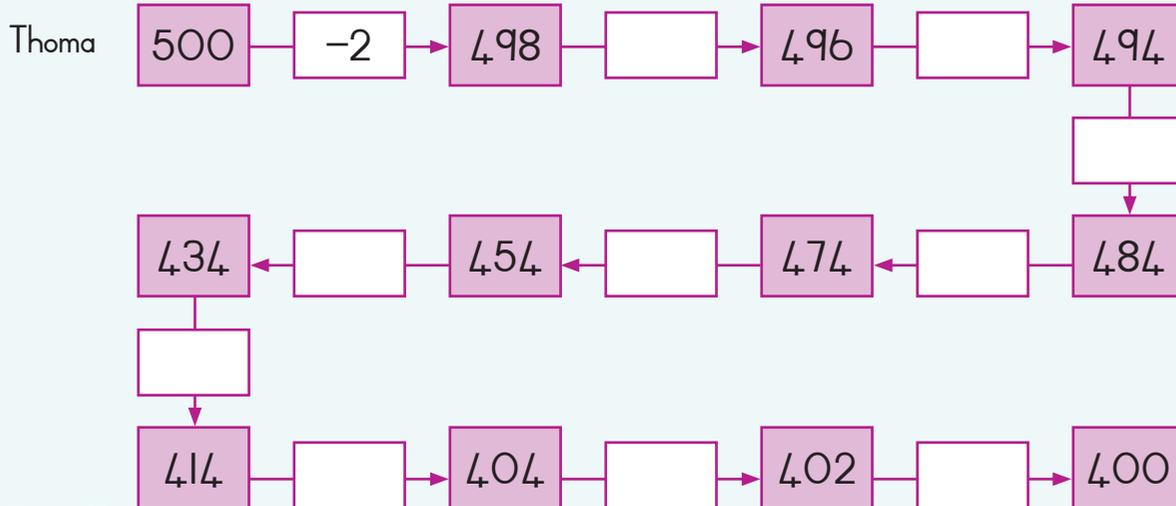


Zalisa ngeenomboro ezitlhayelako.

a. Hlanganisa uye phambili kusukela ema-400.



b. Bala ubuyele emva kusukela ema-500.



Tjengisa iinomboro. Landela isibonelo.

Fumana ithothali yeenomboro lezi. Sebenzisa ikarada lakho leenomboro ukutjengisa ithothali ngayinye.

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

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



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

Okhunye ukuhlanganisa kanye nokukhupha

Ithemu 2

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



Siyokusebenzisa iindlela zakaBusi kanye no-Dumi zokubala godu ukuhlanganisa.

a.  $245 + 231$

Indlela yakaBusi

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



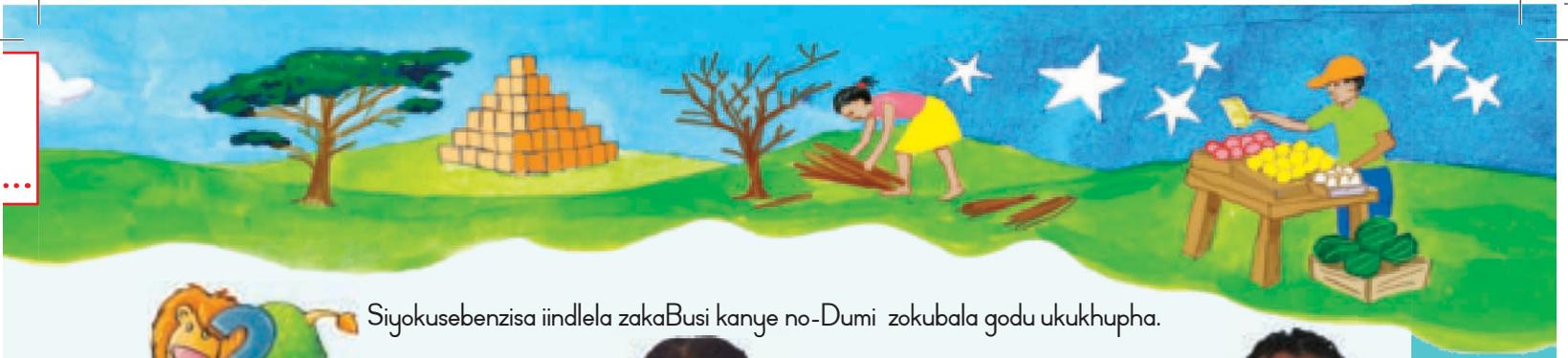
Indlela yakaDumi

$$\begin{array}{r} 245 + 231 \\ \begin{array}{l} \diagdown \quad \diagup \\ \diagup \quad \diagdown \end{array} \\ = 400 + 70 + 6 \\ = 471 \end{array}$$



b.  $278 + 136$

c.  $265 + 148$



Siyokusebenzisa iindlela zakaBusi kanye no-Dumi zokubala godu ukukhupha.

a.  $476 - 324$

Indlela yakaBusi

$$= 400 - 300 + 70 - 20 + 6 - 4$$

$$= 100 + 50 + 2$$

$$= 152$$



Indlela yakaTumi

$$476 + 324$$

$$= 100 + 50 + 2$$

$$= 152$$

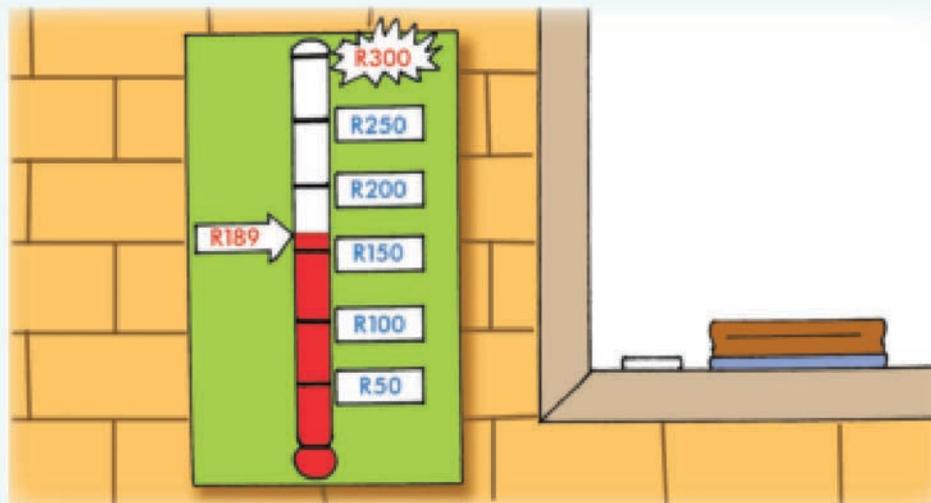


b.  $489 - 456$

c.  $482 - 161$



Funda okunqotjhiweko



Funda isithombe.

Kusele kangangani ukufikelela emnqopheni?

R



Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

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Ilanga:

# Lola amakghono wakho

Ithemu 2



## Intaba yefihlo

Liyini ibizo lentaba ephezulu khulu eGauteng? Sebenzisa ikhowudi ukuyifumana. Madanisa ipendulo ngayinye etheyibuleni neledere elisekhowudini.

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

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

Ibizo lentaba yi:



Qala! Cabanga, begodu phendula!

- \*  \*  \*  \*  \*  \*  \*  \*  \*  \*  \*  \*  \*  \*  \*
- 1   2   3   4   5            6   7   8   9   10            11   12   13   14   15

- a.
- Inomboro 16 izokuba libumbeko liphi? Tshwaya (✓) elilungileko.      \*
- Inomboro 18 izokuba libumbeko liphi? Tshwaya (✓) elilungileko.      \*
- Inomboro 28 izokuba libumbeko liphi? Tshwaya (✓) elilungileko.      \*

- b.
- Inomboro-50 izokuba li-\*.      Liqiniso namkha Mamanga?
- Inomboro-100 izokuba li-.      Liqiniso namkha Mamanga?
- Inomboro-23 izokuba li-.      Liqiniso namkha Mamanga?

Hlolisisa. Madanisa. Lungisa.



Ngikuphi okunengi?

Ukuthola ama-R2.50 wesikhwama ngelanga enyangeni kaJuni noJulayi.

Nanyana ukuthola ama-R150 ithothali yemali yokudla esikolweni yenyanga yoke.

Tjengisa ukuthi uzoyisebenza njani.



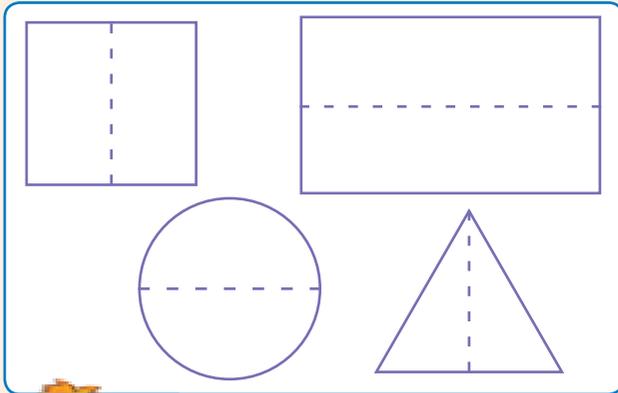
Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

# Ukufana nca zoke/isimethri

Ngikuphi okuyelelako ngamajamo?

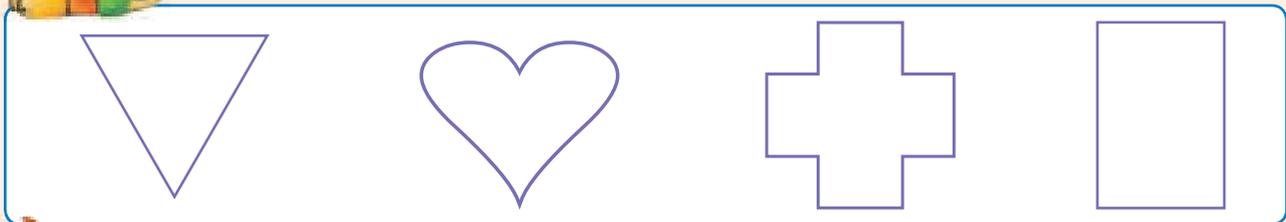


Umuda wesimethri wehlukana amahafu amabili phakathi ukuze ihafu eyodwa itjengise ubujamo benye ihafu.

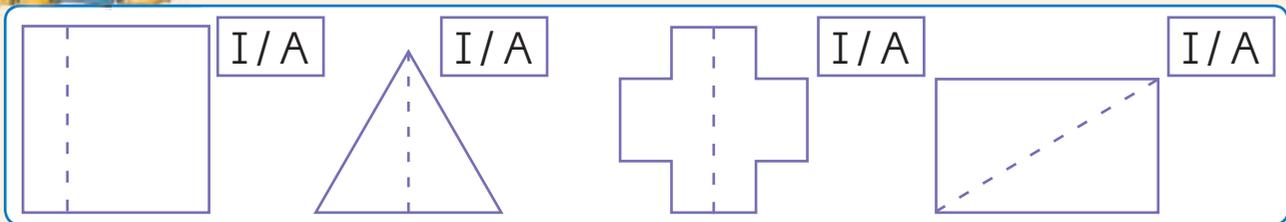
Ubuja ngabunye bunayo isimethri lokha nawugoba phakathi bewuhlanganise iphepha ukuze ingceny zombili zilingane.



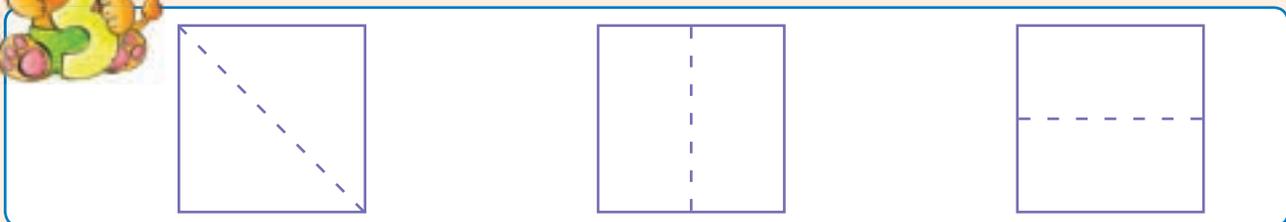
Gwala umuda olinganisa nca zoke ejameni ngalinye.

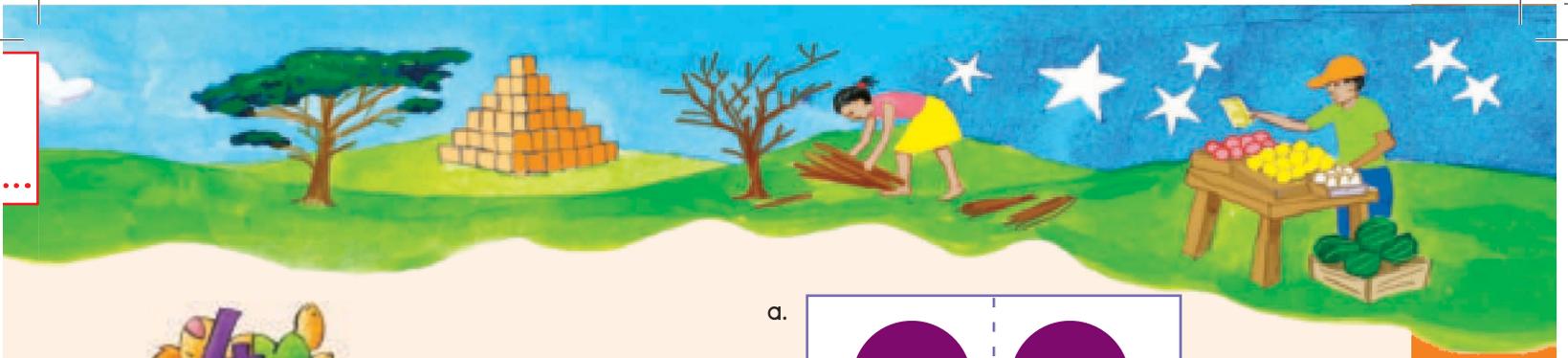


Ingabe umuda omacaphaza mumuda owenza kobana kulingane nca zoke? Ndulungela (Iye) nawuvumako namkha (Awa) nawulandulako.



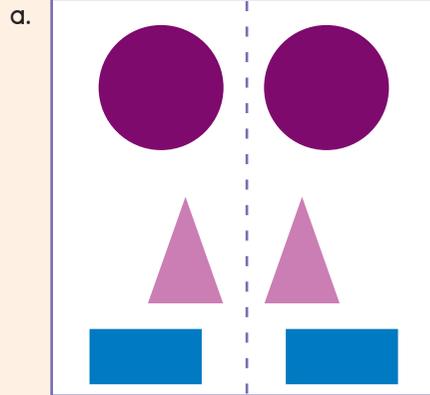
Ingabe lowo mumuda olinganisa nca zoke? Kungani utjho njalo?



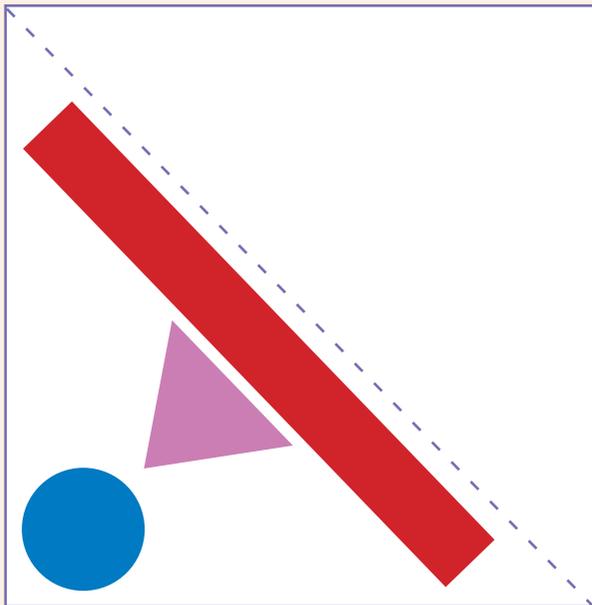


Gwala amajamo ukwenza isithombe silingane nca zoke.

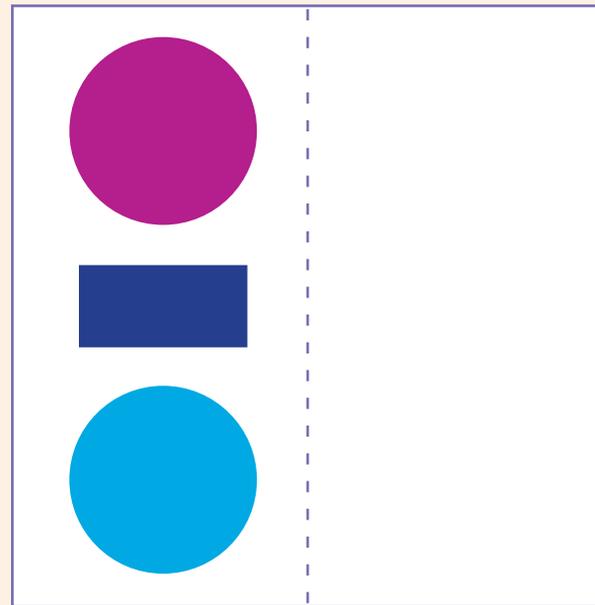
Sewenzelwe isibonelo.



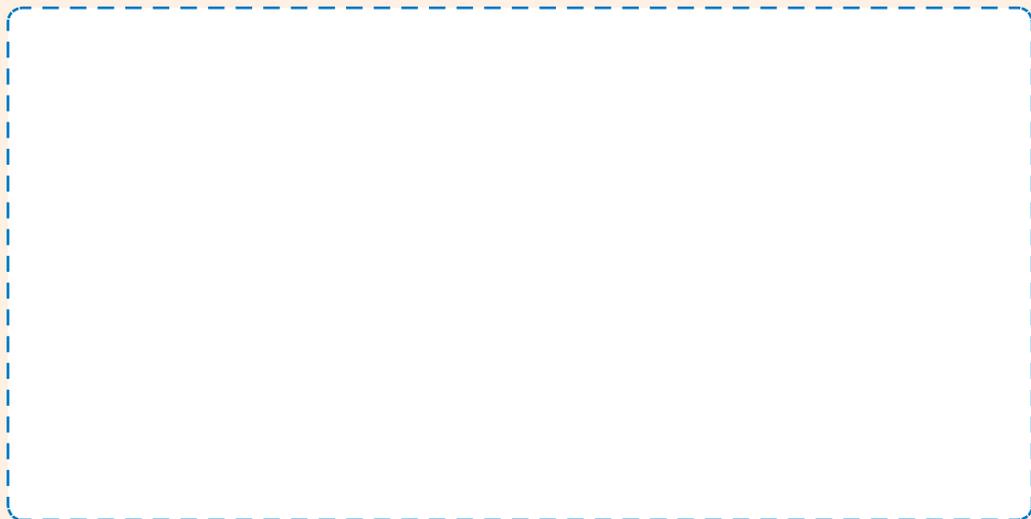
b.



c.



Zenzele wakho umuda olingana nca zoke usebenzisa amajamo.



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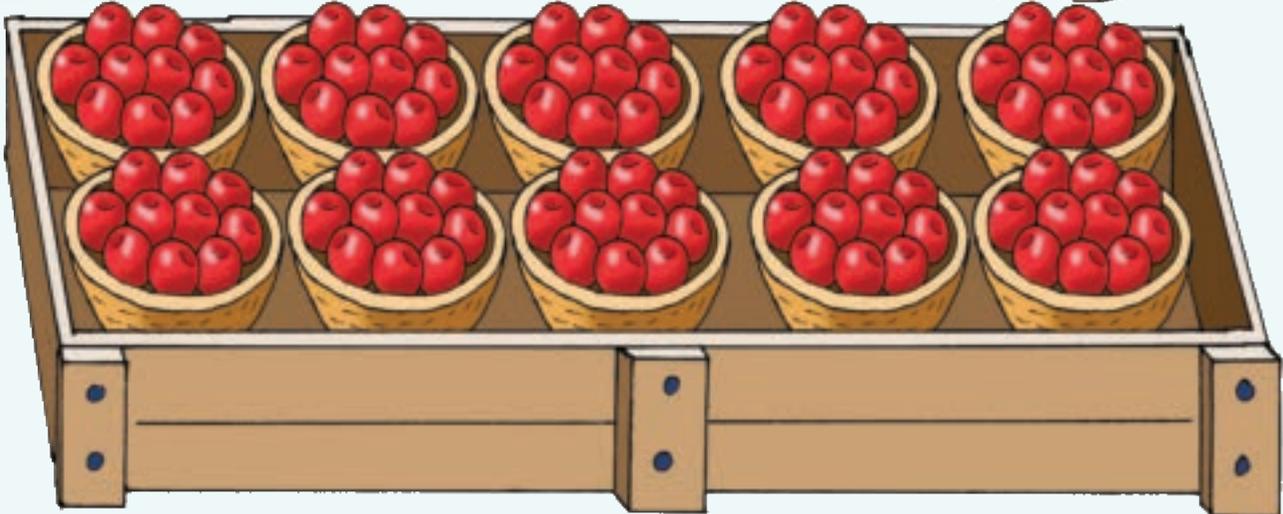
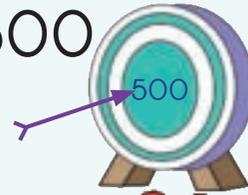
Ilanga:

Ithemu 2

Ukwakha bewufike kuma-500



Bala ama-apula



Qedelela bewubuyebyuelele.

|   |  |
|---|--|
| Umantji owo-1 ufaka ama-apula _____.        | $1 \times 10 = 10$                                 |
| Abomantji aba-3 bafaka ama-apula _____.     | $3 \times 10 =$                                    |
| Abomantji aba-5 bafaka ama-apula _____.     |  |
| Abomantji aba-4 bafaka ama-apula _____.     |  |
| Abomantji aba-2 bafaka ama-apula _____.     |  |
| Ikhreyidi li-1 liphatha 100 wama-apula.     | Amakhreyidi ama-2 aphatha _____ wama-apula.        |
| Amakhreyidi ama-3 aphatha _____ wama-apula. | Amakhreyidi ama-4 aphatha _____ wama-apula.        |
| Amakhreyidi ama-5 aphatha _____ wama-apula. | Amakhreyidi ama-2 nohafu aphatha _____ wama-apula. |

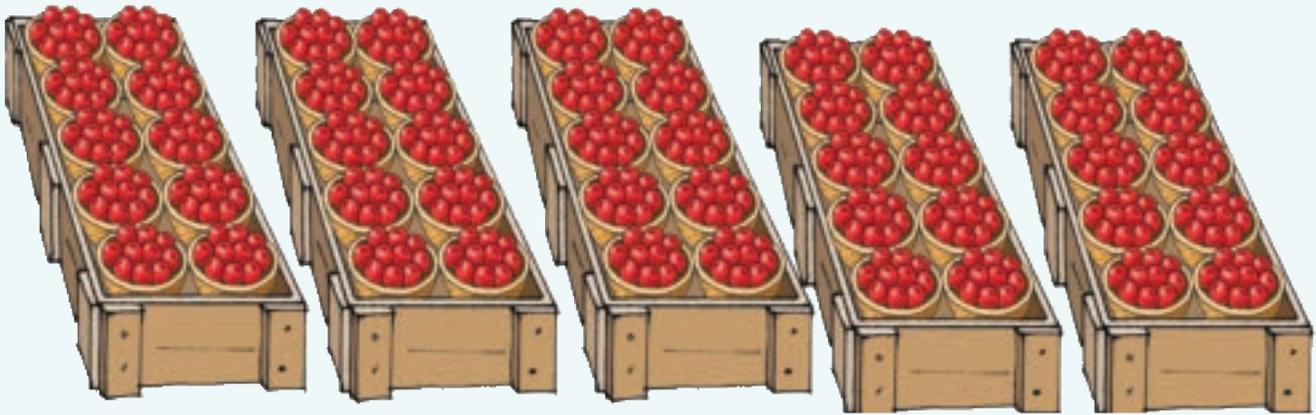


Kunama-apula ali-10 ngemantjini mu-l.

Kune \_\_\_\_\_ labomantji ngekhreyidini linye.

Kune \_\_\_\_\_ yama-apula ngekhreyidini linye.

Mangaki ama-apula alapho sekawoke? \_\_\_\_\_



Bala, utjengise bewutlole

Thoma ngokusebenzisa amakarada weenomboro ukutjengisa ithothali ngayinye. Bese utlola inomboro.

300

40

5

Amakhreyidi ama-3  + abomantji aba-4  + yama-apula 5   
= 345 yama-apula

Amakhreyidi ama-4  + abomantji aba-5  + yama-apula 7   
= \_\_\_\_\_ yama-apula

Amakhreyidi ama-5  + abomantji aba-2  + yama-apula 3   
= \_\_\_\_\_ yama-apula

Amakhreyidi ama-4  + abomantji aba-7  + yama-apula 2   
= \_\_\_\_\_ yama-apula



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

11 12 13 14 15 16 17 18 19 20

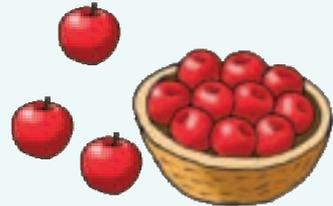
## Ukubuyabuyelela kanye nokwehlukana (ngokuli -10)



Ukubala ama-apula.

Zalisa ithebula.

Bangaki abomantji abafaka ama-apula?

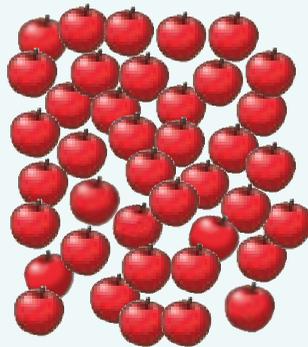


|   |    |    |    |    |                    |
|---|----|----|----|----|--------------------|
| Ama-apula  | 10 | 20 | 30 | 40 | 50                 |
| Iimantji   | 1  | 2  |    |    |                    |
| ÷ isibalo   |    |    |    |    | $50 \div 10 = 5$   |
| × isibalo   |    |    |    |    | $5 \times 10 = 50$ |



Yabela abentwana ama-apula. Yenza umgwalo. Tlola isibalo sokuhlukanisa neso kubuyabuyelela ukuze utjhege ipendulo yakho.

a.

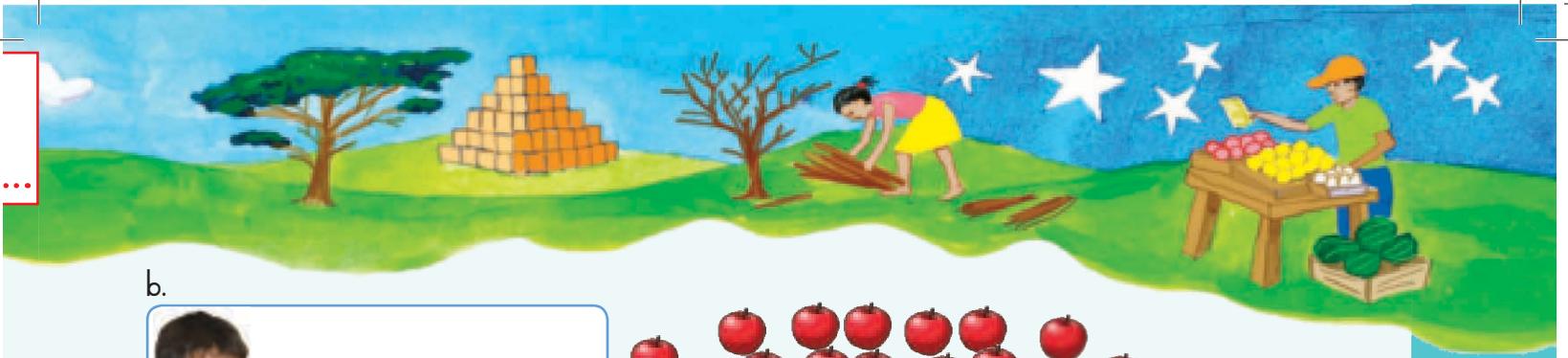


Tjhega ipendula.

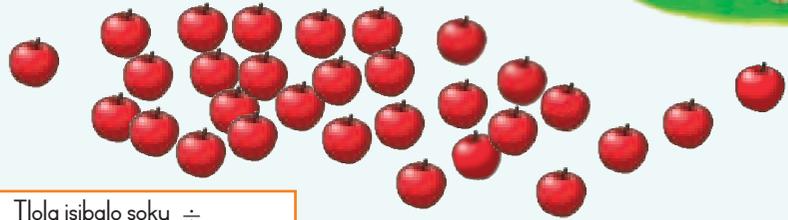
$$\square \div \square = \square$$

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





b.



Tlola isibalo soku ÷



Tlola isibalo soku × ukuze  
uhlolise iimpendulo zakho.



Sebenzisa iinomboro ukuzenzela yakho imitjho yeenomboro.



÷  $40 \div 10 = 4$

×  $4 \times 10 = 40$



÷

×



÷

×



÷

×



Nikela inomboro eli-10 ubuncani kanye nenomboro eli-10 ubukhulu kunaleyo enikelweko.

|  |  |  |
|--|--|--|
| <input type="text"/> , 460, <input type="text"/> | <input type="text"/> , 390, <input type="text"/> | <input type="text"/> , 500, <input type="text"/> |
|--|--|--|

Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_



## Ukubala ngaku - 2

Ukubala uye phambili ngaku - 2 bewubuyele emuva.



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



Ipara yamadlhavu



- a. Ziimpara ezingaki zamadlhavu emudeni munye? \_\_\_\_\_
- b. Mangaki amadlhavu ngalinye emudeni munye? \_\_\_\_\_
- c. Mimida emingaki? \_\_\_\_\_
- d. Madlhavu amangaki nasele awoke? \_\_\_\_\_
- e. Tjengisa kobana uyisebenze kunjani.
- f. Tlola ipendulwakho njengomutjho weenomboro.  
 \_\_\_\_\_ × \_\_\_\_\_ = \_\_\_\_\_



### Madlhavu amangaki?

Tlola amatheyibula.

a.

|  |   |  |   |  |  |  |   |  |   |
|--|---|--|---|--|--|--|---|--|---|
| Amaglavu  |  1 |  10 |  5 |  50 |  4 |  40 |  3 |  30 |  100 |
| Inomboro zamaglavu   | 2   |  |   |  |  |  |   |  |   |

b.

|                             |    |    |    |    |
|-----------------------------|----|----|----|----|
| Amaglavu                    | 20 | 21 | 70 | 73 |
| Impara ezingenziwa          |    |    |    |    |
| Amadlhavu angalinye aseleko |    |    |    |    |



### Bala ngaku-2

a. Ngijyphi inomboro eba hlangana nawubala ngakubili?

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

b. Tlola iinomboro ezimbili ezilandelako.

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

c. Tlola iinomboro ezimbili ezilandelako.

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



Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_



## Ukuhlela isivande

UKkz. Mabena unamathayilesi amahle.

Uwasebenzisela ukupheyiva indawo esesivandeni sakhe.

Kunamathayilesi ama-6 asikwere wobukhulu obulinganako.

Ngizowabeka njani?

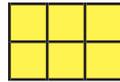


Ngingenza umuda mu-1 ngamathayilesi asi-6.



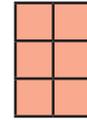
$$6 \times 1 = 6$$

Ngingenza imida emi-2 ngamathayilesi ama-3 emudeni.



$$3 \times 2 = 6$$

Ngingenza imida emi-3 ngamathayilesi ama-2 emudeni ngamunye.

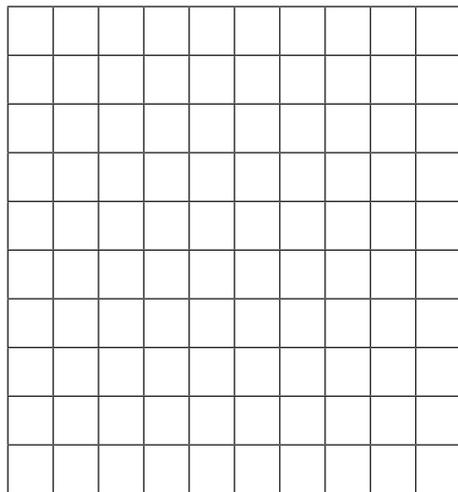


$$2 \times 3 = 6$$

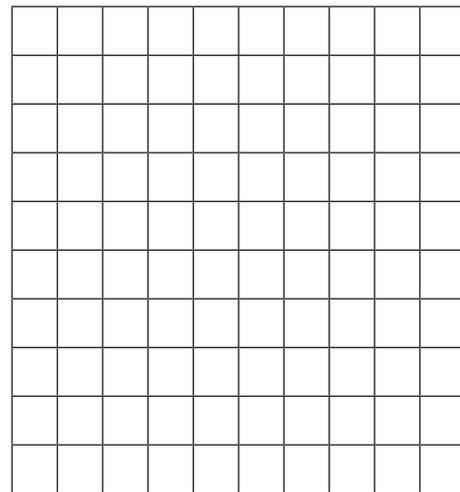
## Kwanjesi lidlhego lakho!

Khalara amabhlogo ukutjengisa kobana unghlela bunjani amathayilesi abu-8 na-9.

iinkwere ezi-8



iinkwere ezili-9



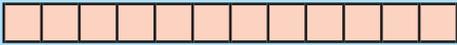
Tlola iinomboro zemitjho emdwebeni ngamunye.



## Hlela amathayilesi ali-12

UThabo unamathayilesi ali-12 asikwere ukupheyiva ngaphandle komlhatlhana wakhe. Msize athole iindlela angenza ngazo.

Tlola inomboro yomitjho wendlela ngayinye.

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



## Hlela amathayilesi ama-24

- Sebenzisa igradi kuSika-2.
- Khalara amabhlogo ama-24 ngeendlela ezihlukeneko.
- Tlola inomboro zemitjho ukumadanisa umdwebo ngamunye.



## Ngingabuyabuyelela!

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

Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_



## Usebenzise abokuhlano



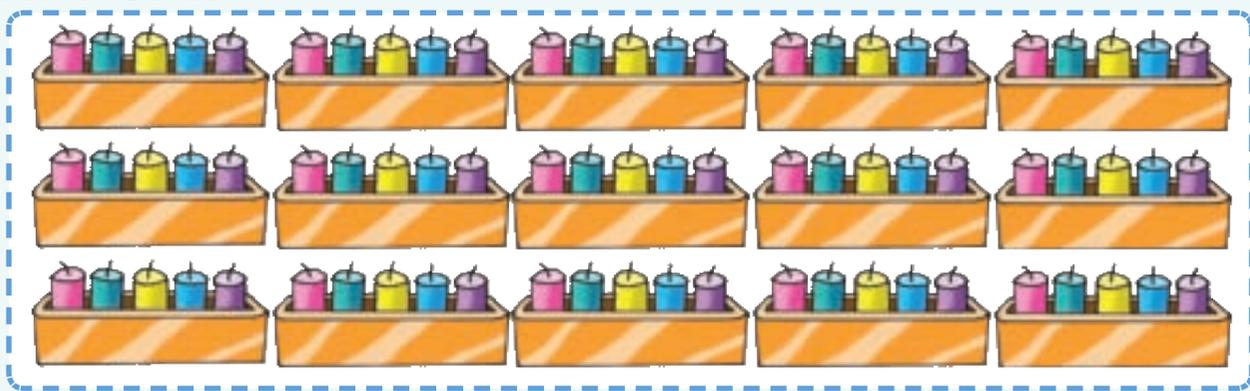
Yazi ku-5 kwakho

Zalisa iimpendulo.

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



Bala amakerese



- a. Mangaki amakerese ngebhoksini ngalinye? \_\_\_\_\_
- b. Mabhoksi amangaki \_\_\_\_\_
- c. Mangaki amakerese ereyini ngalinye \_\_\_\_\_
- d. Makerese amangaki nasele awoke? \_\_\_\_\_



Tjengisa ipendulo

Thika (✓) inomboro yomuthjo etjengisa ithothali yamakerese

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



### Bala uye phambili nemva ngaku - 5

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



### Buthelela ama-R5 wesimbi



Qedelela umutjho: Abentwana babuthelela imali eyisimbi yenani lama-R5. Bafanele babuthelele imali eyisimbi ema-R5 amangaki ukuze babuthele imali elingana R \_\_\_\_? Ezimbili zokuthoma sele sikwenzele.

|                              |                                 |           |           |           |
|------------------------------|---------------------------------|-----------|-----------|-----------|
| $R5 \div 5$<br>= 1 yekhoyini | $R10 \div 5$<br>= 2 yamakhoyini | R15? ____ | R20? ____ | R25? ____ |
| R30? ____                    | R35? ____                       | R40? ____ | R45? ____ | R50? ____ |

$2 \times R5 =$

$4 \times R5 =$

Uyayibona iphethehi?

$6 \times R5 =$

$8 \times R5 =$



### Buyabuyelela ngaku - 5

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

Cabanga kuhle! Yakha ngamaphuzu owaziko!

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



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

Ilange:

Ilange:

### Ukusebenza ngesikhathi

Dweba/gwala iinkhathi

|                        |  |                                       |       |      |      |
|------------------------|--|---------------------------------------|-------|------|------|
|                        |  |                                       |       |      |      |
| Siquntu ngemva kwele-5 | Yikotara ngaphambi kwele-tjumi nalinye | Yikotara ngemva kweletjumi nambili-12 | 12:45 | 6:15 | 4:30 |

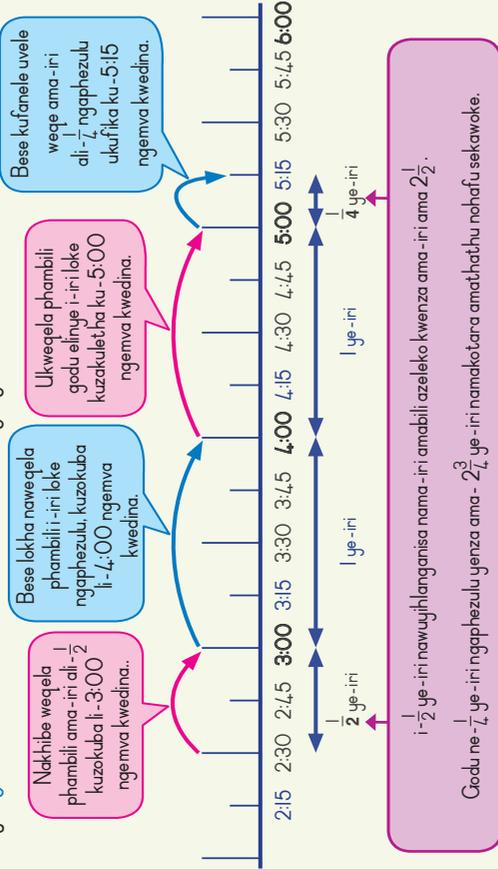


### Umraro wesikhathi

Umma kaNomso usuka ekhaya nge-2:30 ngemva kwedina.

Ubuqa nge-5:15 ntambama. Ukhambe isikhathi esingangani?

Singasebenzisa umda wesikhathi ukuyisebenza. Bekha umuno wakho ku-2:30, isikhathi ekungiso kwanjesi.



### Imiraro yesikhathi

Hlolisa Madanisa. Lungisa.

Sombulula umraro ngamunye. Sebenzisa imida yesikhathi ukukusiza.

a. UQueenie uvakajhela uyise etliniga nge-15:45

ngemva kwedina. Usuka nge-17:15.

Uvaketjhe isikhathi esingangani?



b. U Musa uya ephageni nge-10:45.

Ubuqa ekhaya nge-12:30.

Ukhambe isikhathi esingangani?



c. UTumi uthoma ukufunda nge-13:15.

Uqeda nge-14:45.

Ingabe uTumi ufunde isikhathi esingangani?



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

Ilanga: .....



### Bala ngaku - 3 nangaku - 4

Iimpoto ezinimilenze emi - 3



Hlanganisa bese utlola ipendulo.



- Ziimpoto ezingakhi erejini? \_\_\_\_\_
- Milenze emingaki erejini? \_\_\_\_\_
- Mareji amangaki weempoto? \_\_\_\_\_
- Milenze emingaki nasele iyoke? Tjengisa kobana uyisebenze njani ipendulo.

Tshwaya (✓) ngiziphi iinomboro zemitjho ezingaphasi ezitjengisa ithohali.

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



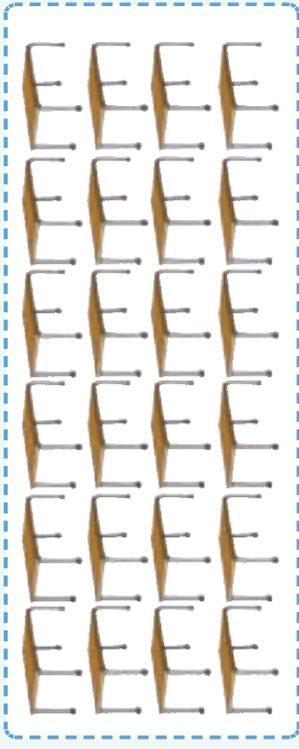
Milenze emingaki?

Cabanga masingana.  
Cabanga kuhle.

|               |            |                  |          |                  |          |
|---------------|------------|------------------|----------|------------------|----------|
| Iipoto yi-1   | 3 imilenze | Iimpoto ezili-10 | imilenze | Iimpoto ezi-5    | imilenze |
| Iimpoto ezi-2 | imilenze   | Iimpoto ezi-15   | imilenze | Iimpoto ezili-12 | imilenze |
| Iimpoto ezi-5 | imilenze   | Iimpoto ezi-13   | imilenze | Iimpoto ezili-14 | imilenze |



### Imilenze yetafula



- Matafula amangaki erejini? \_\_\_\_\_
- Milenze emingaki erejini? \_\_\_\_\_
- Mareji amangaki wamatafula? \_\_\_\_\_
- Imilenze mingaki nasele iyoke? Tjengisa kobana uyisebenze bunjani.



Efemini

Umbazi wenza amatafula. Uthoma ngokwenza imilenze.

Bekube nje sele enze ama-4,8. Angenza amatafula amangaki?

Ingabe usatlhoga imilenze emingaki ukwenza enye itafula?



Qedelela igridi ngokuzalisa iimpindulo

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

Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_



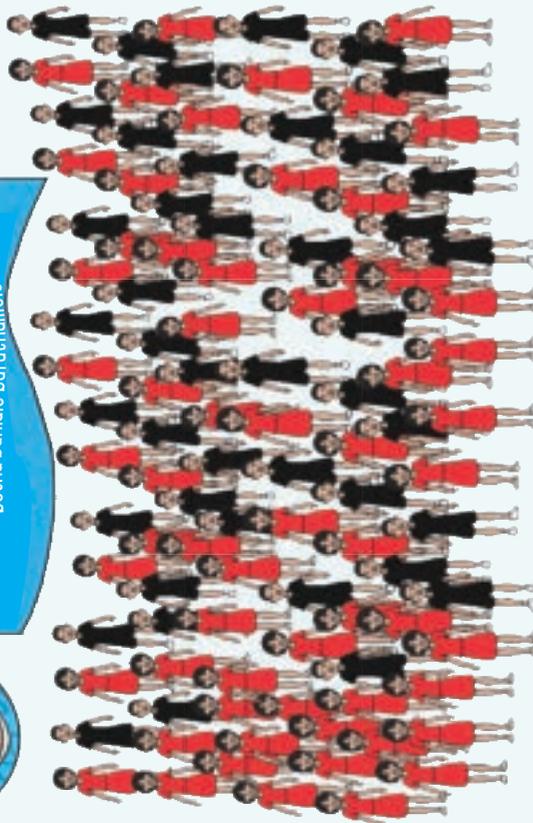
### Ukubala ngama-50

Umntwana munye, ingubo yinye!

Bangaki abentwana? Linganisa, bese uyabala.



Ngubo yethemba  
Bulunga abentwana  
bethu bahlele bafutshumele



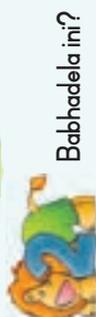
Boke abentwana abasesithombeni bafumana iingubo.

Bangaki abentwana abalapho? \_\_\_\_\_

|           |      |          |
|-----------|------|----------|
| Linganisa | Bala | Madanisa |
|           |      |          |

Bungaki ubuso obuthabileko 😊 babesana? \_\_\_\_\_  
 Bungaki ubuso obuthabileko 😊 babentazana? \_\_\_\_\_

Ilanga: .....



Babhadela ini?



UGwazi

uthenga zi-2

Ubhadela

R



UKkz Chakane

uthenga zi-5

Ubhadela

R



Isitolo saka Thembi

sithenga ama-20

Ubhadela

R

Nikela nje!  
I-R50  
yengubo yj-1



|      |                  |       |                  |
|------|------------------|-------|------------------|
| Zi-5 | nge-R50 = R250   | Zi-10 | nge-R50 = R500   |
| Zi-4 | nge-R50 = R_____ | Zi-15 | nge-R50 = R_____ |
| Zi-3 | nge-R50 = R_____ | Zi-6  | nge-R50 = R_____ |
| Zi-7 | nge-R50 = R_____ | Zi-12 | nge-R50 = R_____ |
| Zi-8 | nge-R50 = R_____ | Zi-9  | nge-R50 = R_____ |

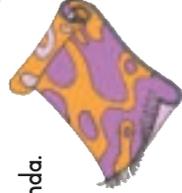


Kuzokuthatha isikhathi esingangani? Sebenzisa ikhalenda.

Itlasi lakagreyjidi-3 libuthelela imali yokuthenga iingubo ezi-4.

Babuthela i-R5 ngelanga amalanga ama-5 ngeveke.

Batlhoga iimveke ezingaki ukutshi babuthhelele imali yeengubo?



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_



Ilanga: .....

### Amacezu: abohafu kanye namakota

Yehlukanisa ufake iimbhola ngemabhokisini amabili ngokulingana.

|   |   |
|---|---|
|   |   |
| <ul style="list-style-type: none"> <li>Zingaki iimbhola ngebhokisini elinye nelinye?</li> <li>Zingaki iimbhola ezingebhokisini eliphephuli?</li> <li>Iimbhola ezingebhokisini eliphephuli lenza cezu bani?</li> </ul> | <ul style="list-style-type: none"> <li>Zingaki iimbhola ngakelinye nelinye bhokisi?</li> <li>Zingaki iimbhola ngebhokisini eliphephuli?</li> <li>Iimbhola ezingebhokisini eliphephuli lilicezu bani?</li> </ul> |



Qala isithombe ngasinye bese uphendula imibuzo.

|   |   |
|---|---|
|   |   |
| Ubale iijingi ezingaki?<br>Ijini i- $\frac{1}{2}$ yeejingi?<br>Ijini i- $\frac{2}{4}$ yeejingi?<br>Ijini i- $\frac{3}{4}$ yeejingi?<br>Ijini i- $\frac{4}{4}$ yeejingi? | Ubale iijingi ezingaki?<br>Ijini i- $\frac{1}{2}$ yeejingi?<br>Ijini i- $\frac{2}{4}$ yeejingi?<br>Ijini i- $\frac{3}{4}$ yeejingi?<br>Ijini i- $\frac{4}{4}$ yeejingi? |

Faka umbala i- $\frac{1}{2}$  yejamo.

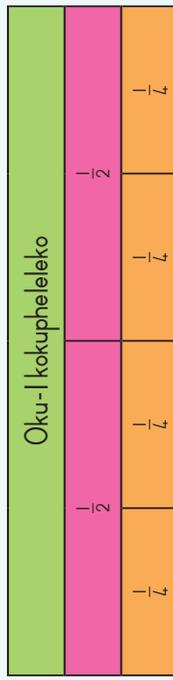
Faka umbala i- $\frac{1}{2}$  yejamo.

Faka umbala i- $\frac{2}{4}$  yejamo.

Faka umbala i- $\frac{3}{4}$  yejamo.

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

### Qala umtletlana wamacezu



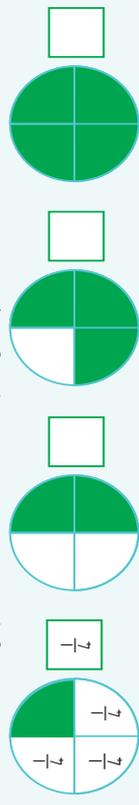
a. Bangaki abohafu ( $\frac{1}{2}$ ) abenza okukodwa okupheleleko?

Mangaki amakota ( $\frac{1}{4}$ ) enza okukodwa okupheleleko?

Mangaki amakota ( $\frac{1}{4}$ ) enza ihafu?

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

b. Qala amadayagramu bese utlola icezu lengenye efiphaziweko.



c. Ngiliphi icezu elikhulu, i- $\frac{1}{2}$  nanyana  $\frac{1}{4}$



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

Ilange: .....

# Amacezu: abohafu, kunye kokuthathu kanye nokukodwa kokwesithandathu

Yehlukanisa amatotikoti (amasilinda) ngokulinganako uwafake ngembhoksini.

|  |                          |                   |
|--|--------------------------|-------------------|
|  |                          |                   |
|  |                          |                   |
| Inani leembholo:<br>• Zingaki imbholo ngembhoksini elinombala oluphehuli?<br>• Licezu bani elingaphakathi kwebhoksi eliphehuli ngombala? | 12<br>6<br>$\frac{1}{2}$ | [ ]<br>[ ]<br>[ ] |

Qala iintombe bese uphendula imibuzo.

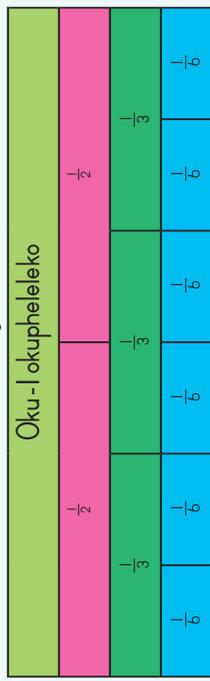
|   |  |  |
|---|--|--|
|   |  |  |
| Ubale iyingi ezingaki?<br>Yini i- $\frac{1}{2}$ yeeyingi? | [ ]<br>Yini i- $\frac{1}{3}$ yeeyingi?<br>Yini i- $\frac{2}{3}$ yeeyingi?<br>Yini i- $\frac{3}{3}$ yeeyingi? | [ ]<br>Yini i- $\frac{1}{6}$ yeeyingi?<br>Yini i- $\frac{2}{6}$ yeeyingi?<br>Yini i- $\frac{3}{6}$ yeeyingi?<br>Yini i- $\frac{4}{6}$ yeeyingi?<br>Yini i- $\frac{5}{6}$ yeeyingi? |



- Tjengisa ihafu eruleni. Lokhu kulingana nama - cm \_\_\_\_.
- Tjengisa ingcenywe eyodwa yokusithathu yerula. Lokhu kulingana nama - cm \_\_\_\_
- Tjengisa ingcenywe eyodwa yokusithandathu yerula. Lokhu kulingana nama - cm \_\_\_\_



Qala umtletlana wamacezu. Qadelela imitjho.



- Kunamhafu ama - \_\_\_\_ kokupheleleko okukodwa.
- Kunokukodwa kokwesithathu oku - \_\_\_\_ kokupheleleko okukodwa.
- Kunokukodwa kokwesithandathu oku - \_\_\_\_ kokupheleleko okukodwa.
- Kunokukodwa kokwesithandathu oku - \_\_\_\_ kuhafu eyodwa.
- Kunokukodwa kokwesithandathu oku - \_\_\_\_ kokukodwa kwesithathu.



Tlola izezu lengcenywe efphezliweko.

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

Ndulungela ingcenywe ekulu yecazu.

a.  $\frac{1}{2}$       $\frac{1}{3}$

b.  $\frac{1}{2}$       $\frac{1}{6}$

c.  $\frac{1}{2}$       $\frac{2}{6}$

Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_



Ilanga: .....

### Amacezu: Kunye kokuhlana

Yehlukanisa ufake amakotikoti ngemabhokisini.

- Ngengeenyeni eji- $\frac{1}{5}$  yebhoksi; kunamakotikoti asi -
- Ngengeenyeni eji- $\frac{2}{5}$  yebhoksi; kunamakotikoti asi -
- Ngengeenyeni eji- $\frac{3}{5}$  yebhoksi; kunamakotikoti asi -
- Ngengeenyeni eji- $\frac{4}{5}$  yebhoksi; kunamakotikoti asi -
- Ngengeenyeni eji- $\frac{5}{5}$  yebhoksi; kunamakotikoti asi -



Qala isithombe bese uphendula imibuzo.

Mangaki amatjhokolede ngebhokisini?

- Okukodwa kokuhlana yetjhokolede ilingana na-
- Okubili kokuhlana yetjhokolede ilingana na-
- Okuthathu kokuhlana yetjhokolede ilingana na-
- Okune kokuhlana yetjhokolede ilingana na-
- Okuhlana kokuhlana yetjhokolede ilingana na-



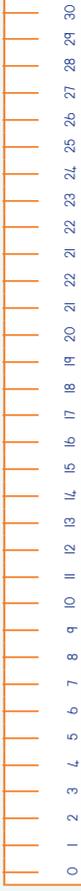
• Ngelanga elilodwa ngidla i- $\frac{1}{5}$  yamatjhokolede. Kusele amatjhokolede angangani?

• Ngelanga elilandakho ngidla i- $\frac{1}{5}$  yetjhokolede. Kusele tjhokolede engangani?

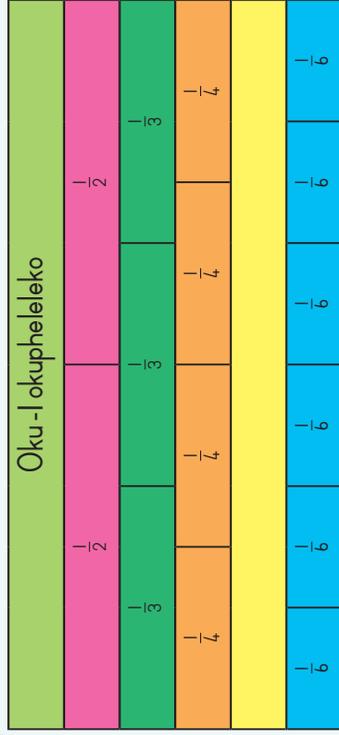


Faka umbala isisetjenziswa sokumeda, isilinganiso e- $\frac{1}{5}$ .

a.



Qala umtletlana wamacezu bese uphendula imibuzo.



Ndulungela: okukhulu nanyana okuncani

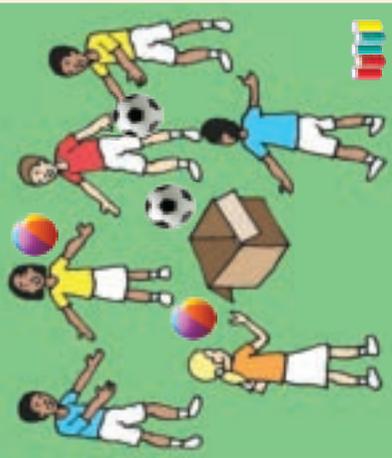
- a. i- $\frac{1}{2}$  yikulu/jincani kune  $\frac{1}{4}$ .
- b. i- $\frac{1}{3}$  yikulu/jincani kune  $\frac{1}{2}$ .
- c. i- $\frac{1}{5}$  yikulu/jincani kune  $\frac{1}{6}$ .
- d. i- $\frac{1}{6}$  yikulu/jincani kune  $\frac{1}{3}$ .
- e. i- $\frac{3}{5}$  yikulu/jincani kune  $\frac{2}{5}$ .



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

Ilange: .....

Izinto ezima -3D

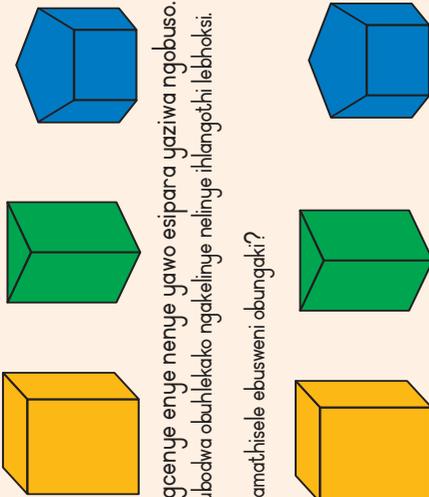


- Bala amabhoksi (amaphrizima)
- Bala imbholo (indulunga)
- Bala amasilinda

Lawa mabhoksi



Sebenzisa usika we-3 newe-4 ukwenza lokhu.



Ingenye enye nenye yawo esipara yaziwa ngobuso. Namathisela ubuso obubodwa obuhlekako ngakelinye nelinye ihlangathi lebhoksi.

Uhamathisele ebusweni obungaki?

- Ikhubhu
- Iphrizima
- Iphrizima
- Iphrizima

Ingabe ubuso iphuzima busipara nanyana bujijikeleza?

Kwanjisi yenza isilinda ngosika - 4

Ingabe ubuso besilinda busipara nanyana bujijikeleza.

Sebenzisa izinto zakho ukwakha okulandelayo:

Hlathulula kobana isilinda ikujiphi indawo usebenzisa amagama.

Ihlangathi elilodwa

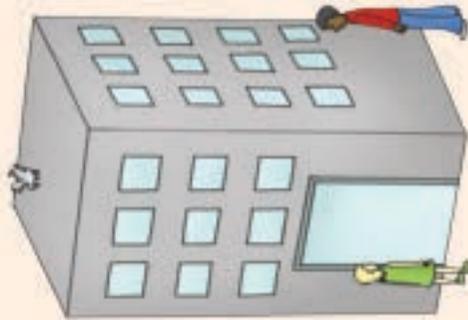
Ngaphambili

Ngaphezulu






Sebenzisa amagama angenzasi ukuqedelela imitjho.



Umntazana uqale \_\_\_\_\_ lomakhiwo.

Indoda iqale \_\_\_\_\_ lomakhiwo.

Inyoni ziqale \_\_\_\_\_ lomakhiwo.

Ilingeqadi

Ilingaphezulu

Ilingphezu



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

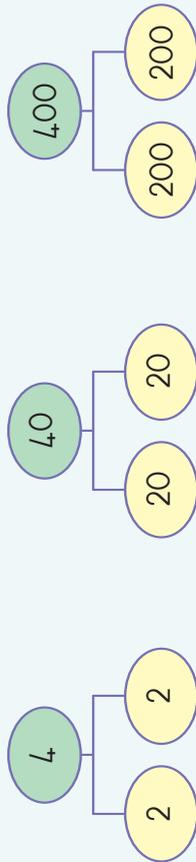


Itango:

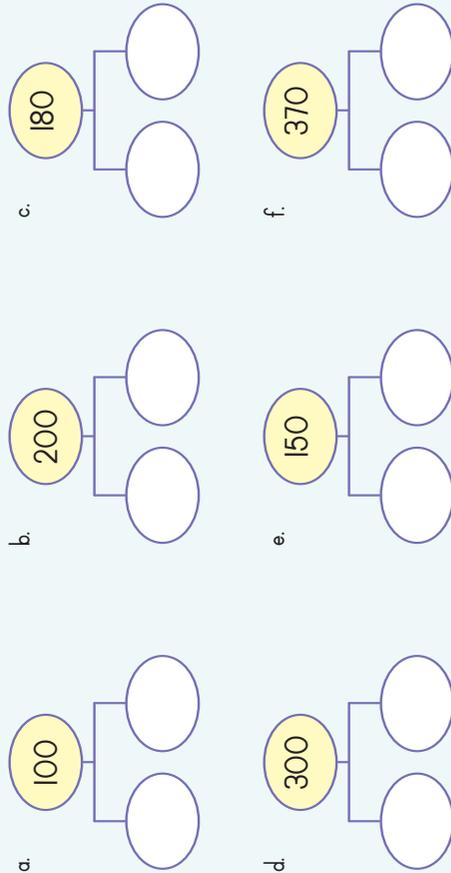
### Ukubuyelela kabili nokuhafula

- Ingabe usakhumbula u-2 yihafu yaka-4 u-4 kulokha nakubuyelelwe u-2 kabili
- 20 yihafu yaka-40 u-40 kulokha nakubuyelelwe u-20
- 200 yihafu yaka-400 u-400 kulokha nakubuyelelwe u-200

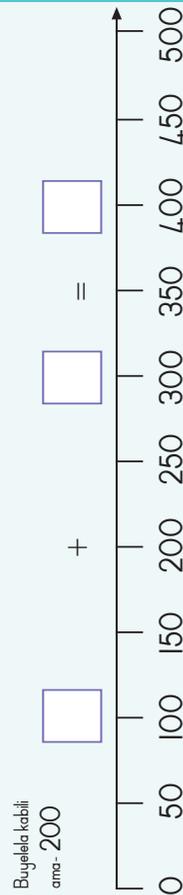
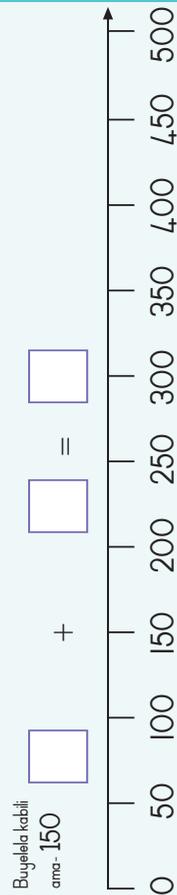
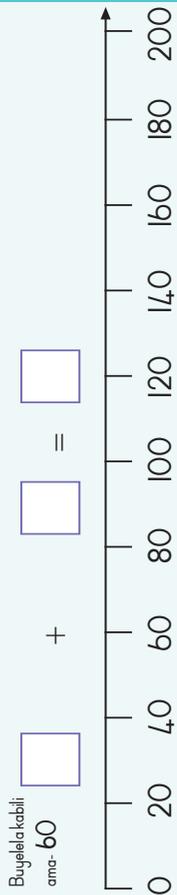
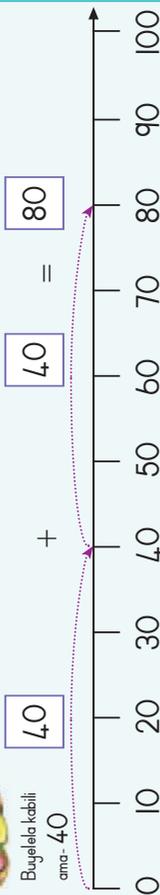
Singakutjengisa lokhu ngomgwalo...



### Ukuthola abohafu



Buyelela kabili inomboro usebenzisa inambalayini. Wenzelwe isibonelo. Isibonelo:



### Qedelela okulandelelako

|    |                       |     |
|----|-----------------------|-----|
| a. | Buyelela kabili u-100 | 200 |
| b. | Buyelela kabili u-150 |     |
| c. | Buyelela kabili u-120 |     |
| d. | Buyelela kabili u-200 |     |
| e. | Buyelela kabili u-170 |     |



### Qedelela okulandelelako

|    |              |     |
|----|--------------|-----|
| a. | Hafula u-220 | 110 |
| b. | Hafula u-180 |     |
| c. | Hafula u-260 |     |
| d. | Hafula u-60  |     |
| e. | Hafula u-320 |     |

Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

Ilange:

### Okhanye ukubuyelela kabili nokuhafula

Fumana okubuyelelwe kabili namkha abohafu

a. b. c. d. e. f.

### Bulungela ibhayisigili

UPeter ubulunga i-R25 ngeveke kobana athenge ibhayisigili. Kufanele abulunge iimveke ezingaki?

Ipendulo:  iimveke

### Zehlisiwe

Zake izinto ziyathengiswa ngenani eliyihafu. Tlola ipreyisi yokuthengiswa ngeqadi kwenye nenye into.

a. Inani lokuthengisa \_\_\_\_\_  
Inani lokuthengisa \_\_\_\_\_

b. Amalagani R154  
Inani lokuthengisa \_\_\_\_\_

c. Imisamelo R54  
Inani lokuthengisa \_\_\_\_\_

d. Intulo R220  
Inani lokuthengisa \_\_\_\_\_

**Yehlele** R750  
Ngehafu lenani: gade iyi-R900

### Maranda amangaki?

|  |       |   |
|--|-------|---|
|  | R135  | UMusa ufuna irhembe. Unemali eyihafu kwaphela. Ingabe usatlhayela ngamlini? R _____                       |
|  | R7850 | Amanyathelo kaPeter abiza ngokubuyelelwe kabili ukudlula lokhu. Amanyathelo kaPeter abiza malini? R _____ |
|  | R97   | Irogo lakaPhindi libiza kabili ngentengo ngaphezulu yalokhu. Irogo lakaPhindi libiza malini? R _____      |

### Ngikuphi okungena ngaphakathi? Ngikuphi okuphumela ngaphandle?

Landela isibonelo. Zalisa iinomboro ezitlhayelako.

a.

b.

Itanga: .....

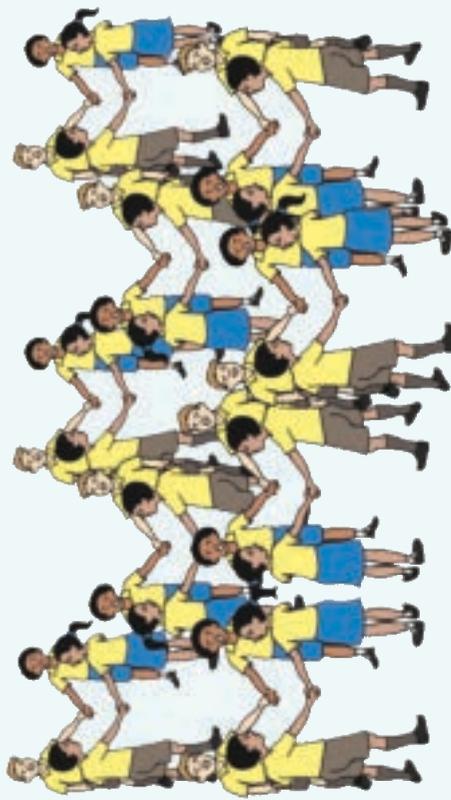


# Ukuhlela ngokweenqhema nokuhlanganisa

Hlela abentwana ngokweenqhema



UKkz. Ndaba ufuna ukwehlukanisa itilasi ngobukhulu obulinganako beenqhema ulungiselela imidlalo yangaphandle. Kokuthoma uhlela abentwana ngeenqhema zangaba-4.

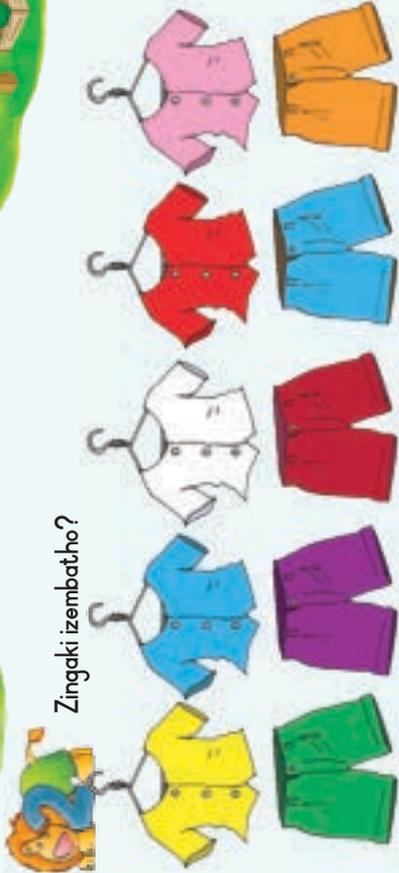


- a. Bala abentwana
- b. Wenza iigqema ezingaki?
- c. Tjengisa zoke ezinye iindlela uKkz. Ndaba angazisebenzisa ukuhlela abentwana ngeenqhema?

Tjhega, Madanisa, Lungisa.

Blank lines for writing answers to question c.

Zingaki izembatho?



UPhindi uneenrhembhe ezi-5 ezinombala begodu namabh-rugu amaf-tjhani anombala ama-5. Zizembatho ezingaki ezihlukileko akghona ukuzenza asebenzisa ihlanganisela ehlukileko yembala?

Isibonelo: Irhembhe ehlaza kwesibhakabhaka/ibh-rugu elif-tjhani elihlaza kwesibhakabhaka. Irhembhe ehlaza kwesibhakabhaka/amabh-rugu amaf-tjhani a-orontji.

Tlola iledere lokuthoma lombala ngamunye. Tjengisa zoke ezinye izembatho ezingenzeka.

Blank lines for writing answers to the clothing question.

Funisela: Kungaba njani nakhibe uPhindi uneminye imibala esi-6 ehlukileko yeenrhembhe namabh-rugu amaf-tjhani?

Angakghona ukwenza izembatho ezingaki?

Tjhega, Madanisa, Lungisa.

Teacher: Sign: Date:



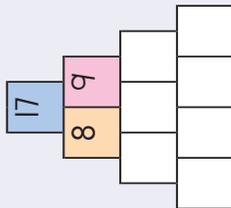
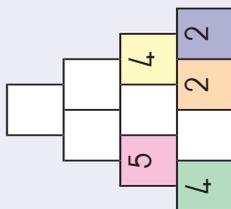
Ukuzithokozisa ngezibalo

Qala umthetho

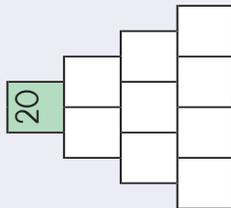
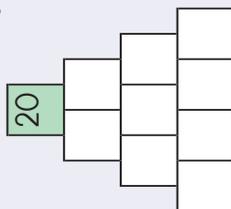
Sebenzisa umthetho ukufunyanisa inomboro ezithayelako.



Kwanje yenza lokhu.



Yakha ufike ema-20 ngeendlela ezahlukeneko.



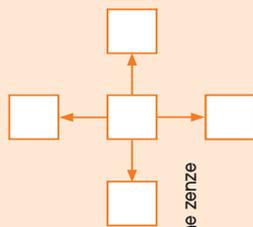
Iselele

Akhe ucabange

Sebenzisa inomboro-1, 2, 3, 4, naku-5.

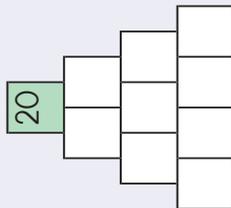
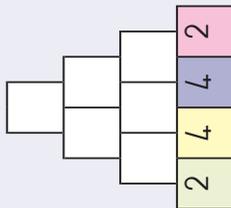
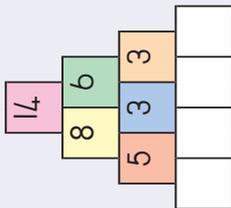
Inomboro ezi-3 erejini ngajinye kufanele zihlangane zenze i-10.

Umthetho: Sebenzisa inomboro eyodwa kanye kwaphela.



Ilanga: \_\_\_\_\_

Ilanga: \_\_\_\_\_



Fumanani inomboro

a. Umthetho: Inomboro erejini ngalinye kufanele zihlanganiswe ukufika e-16.

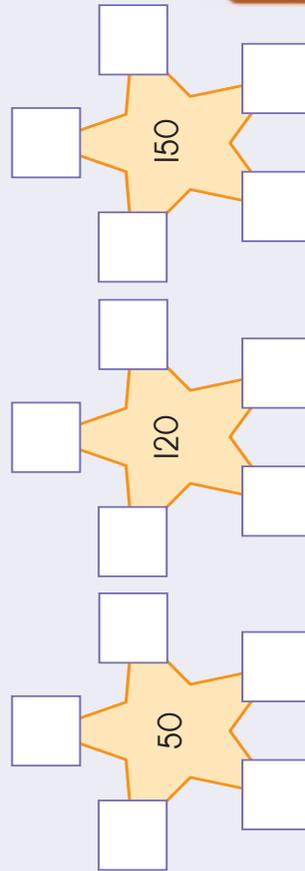
|   |   |   |   |
|---|---|---|---|
| 2 | 5 | 3 | 6 |
|   |   |   | 2 |
|   |   | 2 |   |

b. Umthetho: Inomboro ezi-3, ezivundla emarejini nazinye phasi ngamakholomu, zihlanganiswe ithothali efanako.

|   |   |   |
|---|---|---|
| 2 | 7 | 6 |
| 9 |   | 1 |
|   | 3 | 8 |

|    |    |    |
|----|----|----|
| 23 | 28 | 21 |
| 12 |    | 26 |
|    |    | 10 |

c. Umthetho: Tolani ezinye nezinye inomboro ezi-5 ezihlanganiseka ukufika enomborweni ephakathi ngaphakathi kwekwekwezi.



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

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

