

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 ngokukhululekileko; 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.

14th Edition



IMBALO NGESINDEBELE – IGreyidi 3 Incwadi 1

ISBN 978-1-4315-0008-6



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

IGreyidi **3**

Ibizo:

Itlasi:



IMBALO NGESINDEBELE

Incwadi 1
Ithemu 1 & 2

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UKkz. Angie Motshekga,
nguNqgonqgotjhe
weFundo-Sisekelo



Dorh. Reginah Mhaule
nguSekela kaNqgonqgotjhe
weFundo-Sisekelo

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

Iincwadi zokuSebenzela zakwaRainbow ziyingcenyeye 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 nizokufunyana iincwadi zokusebenzela lezi zilisizo khulu ekufundiseni kwenu kwangamalanga kanye nokuqinisekisa kobana abafundi benu bayayiqeda ikharikhyulamu. Sitjheje khudlwana ukuhlahla 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.

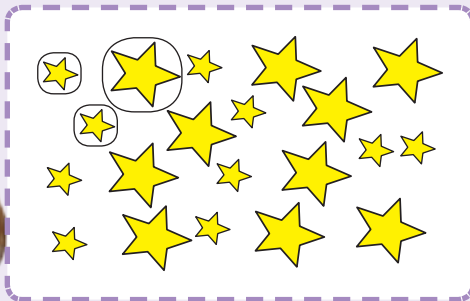
| | | | | |
|---|--|--|--|--|
| Ibizo | | | | |
| Isilinganiso | | | | |
| Inomboro ebaliweko | | | | |
| Umehluko hlangana nesilinganiso sakho nokubala kwakho | | | | |



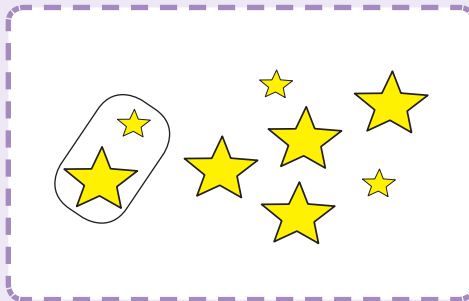
Iindlela zokubala. Sisiza ukuzitlola.



Ngibale ngaku-1.



1, 2, 3, _____

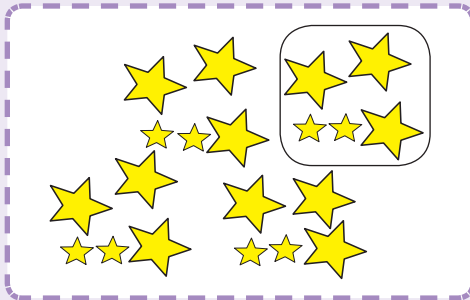


2 _____

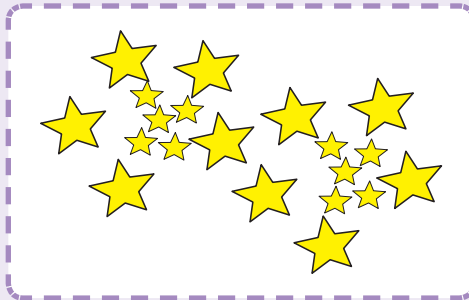


Ngibale ngaku-2.

Ngibale ngaku-5.



5 _____





Ngibale nge-10.



Tlola iinomboro zemitjho

Tlola imitjho emibili ukunikela ithothali yesibalo seenkwekwezi ezikulu nezincane ezisekasini le-2. Zitlola 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: _____

Ithemu I

Ukubala okuhlakaniphileko



Bala amathanga

Fumana indlela elula yokuwabala.

A large dashed box containing a grid of 100 pumpkins arranged in 10 columns and 10 rows. The pumpkins are arranged in a pattern that allows for counting by 2s, 5s, and 10s.

Ipendulo: _____



Paka amathanga

Amathanga alitjumi 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 = $\underline{\hspace{2cm}} \Rightarrow \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$



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



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



Teacher: _____
 Sign: _____
 Date: _____

3a

Ilanga:

Ithemu 1



Iinomboro phezu kwebhordo lamakhulu

Iinomboro ezikhulumako

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

| | | | | | | | | | |
|----|---|----|----|----|----|----|---|---|-----|
| I | 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

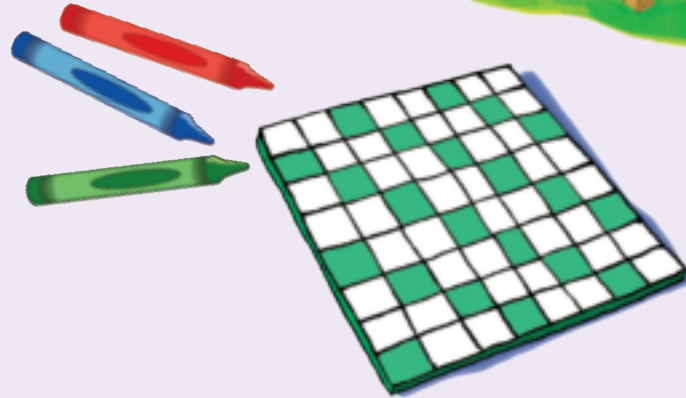
| | | | |
|----|--------------------|----|--|
| 90 | amatjhumu athobako | 41 | |
| 77 | | 56 | |
| 14 | | 65 | |





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 ngokuvala 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: _____

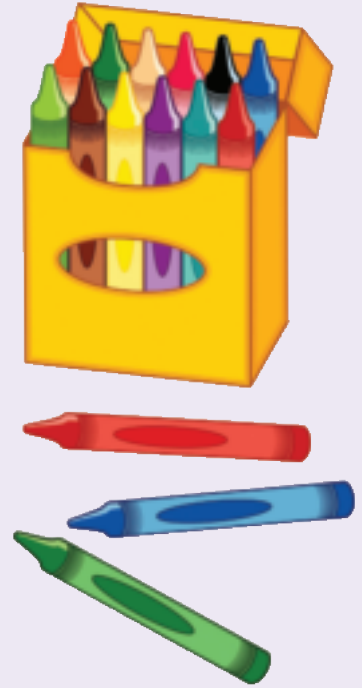
11 12 13 14 15 16 17 18 19 20

Iinomboro phezu kwebhordo lamakhulu (ziragela phambili)



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.



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

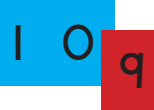
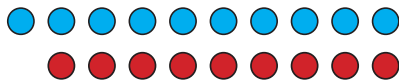
35

10

9

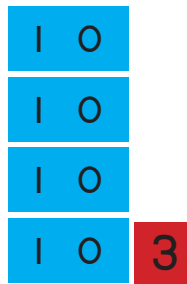
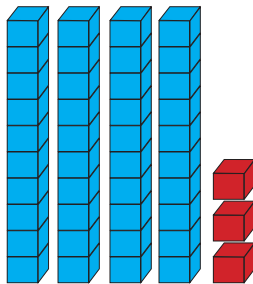


19



$10 + 9 = 19$

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: _____

Ukuhlanganisa 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

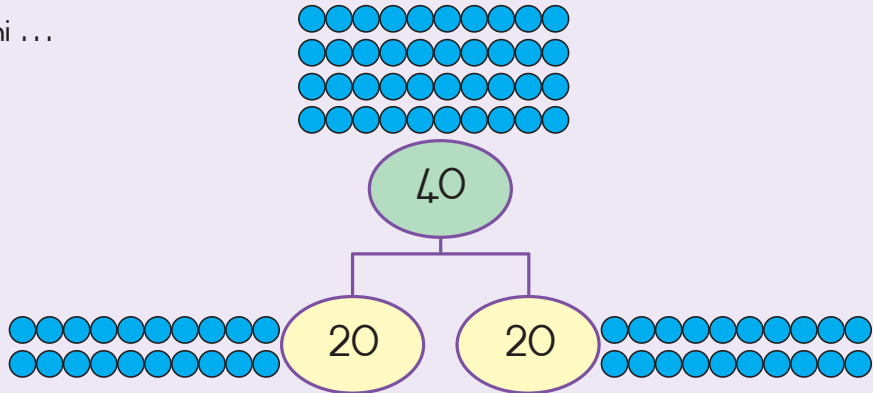
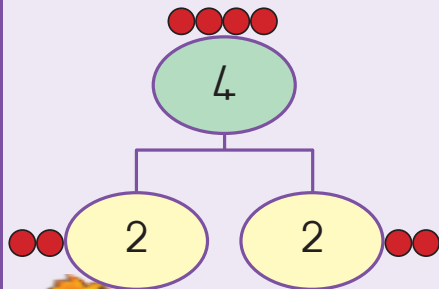
Ukubuyelelwa kabili nokuhafula

Niyakhumbula?

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

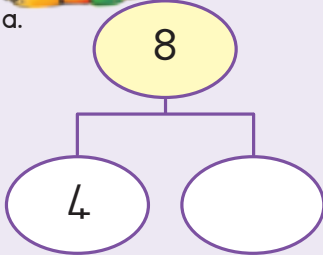
Ukubuyelela ku-20 kwenza ku-40
ama-40 akubuyelelwa kabili kwama-20

Lokhu singakutjengisa emdwebeni ...

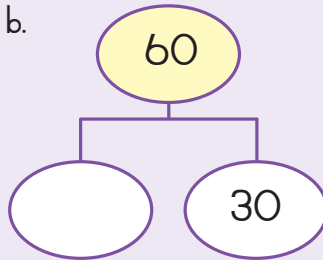


Fumanani okubuyelelwe kabili namkha abohafu

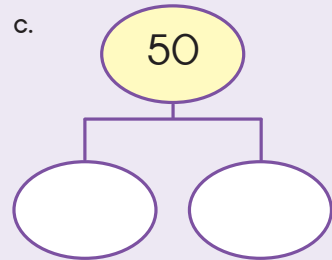
a.



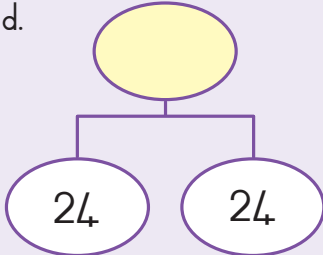
b.



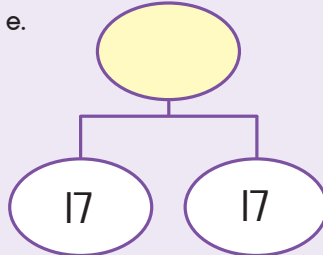
c.



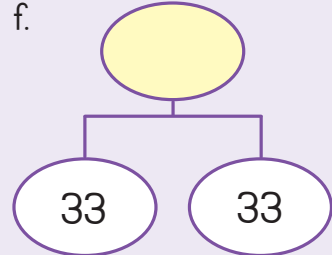
d.



e.



f.



Iselele

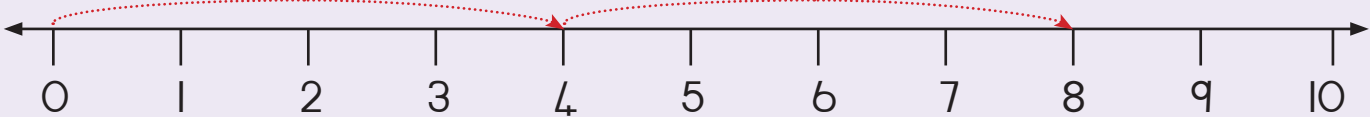
Fumanani ihafu yaku-3

Tjengisani njengenomboro namkha ibizo lenomboro.
Umqwalo ungakusiza.



Buyelela inomboro usebenzise inambalayini.
Wenzelwe isibonelo.

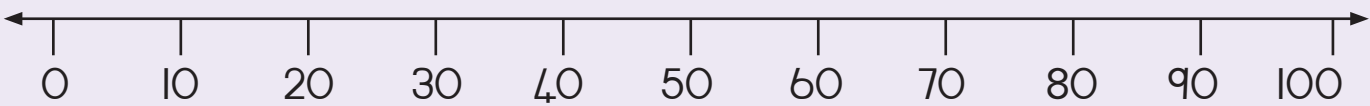
a. Buyelela abo-4 + =



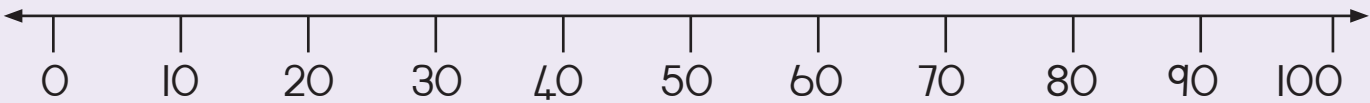
b. Buyelela abo-5 + =



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 | |



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Amacezu

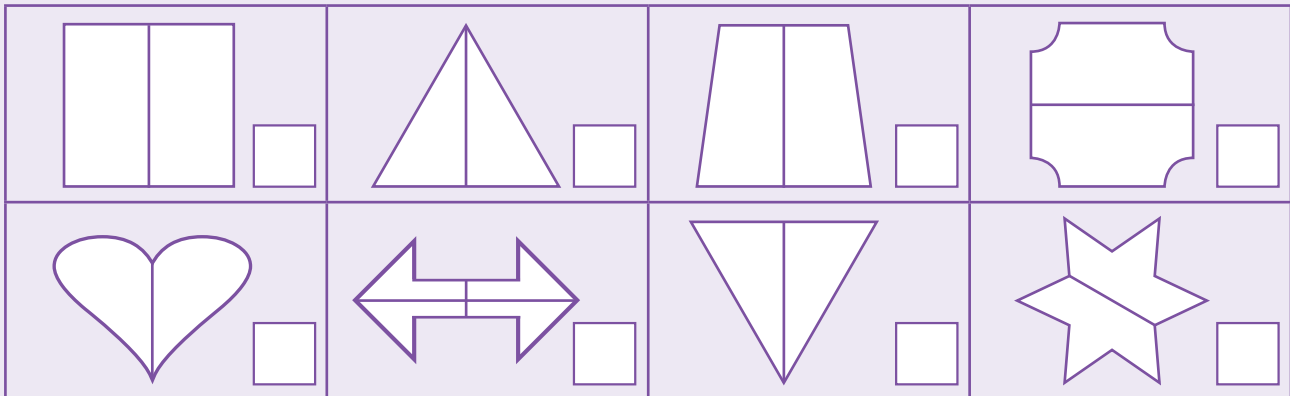
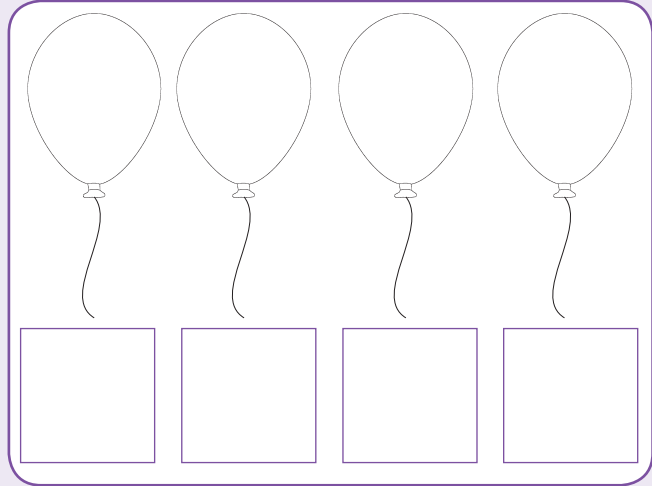
Faka umbala ikotara yamabhaloni ngokubovu bese kuthi asalako abe ngokuhlaza sasibhakabhaka.

Faka umbala obuvo encenyeni eyihafu yebhoksi.



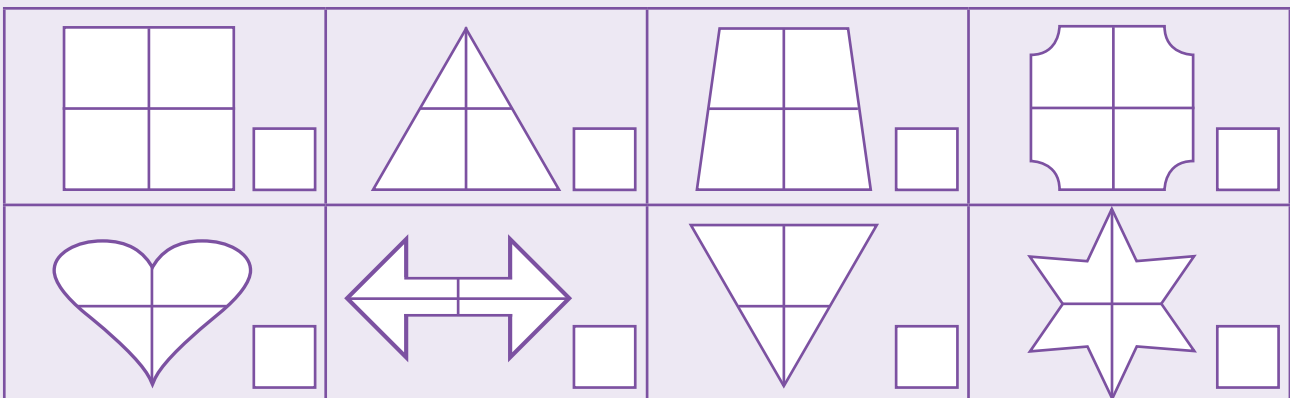
Qala amajamo. Tshwaya amajamo atjengisa abohafu.

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?

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

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

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| <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"/> |



Faka umbala ikota yamajamo. Iyini ikota yenani lamajamo?

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

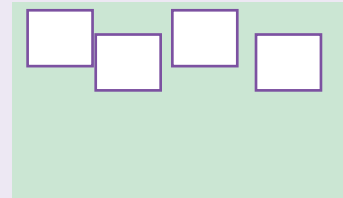
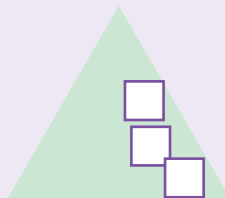
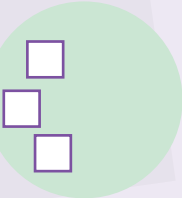


Tlola itshwayo lecezu.

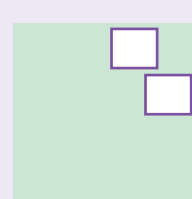
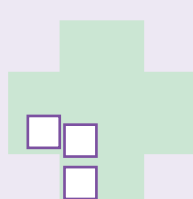
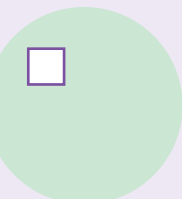
ihafu eyodwa

ikota eyodwa

Grwala amanye amajamo ukwenza enye nenye ihafu iphelele.



Grwala amanye amajamo ukwenza enye nenye ikota iphelele.



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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 selanehafa yemali.
Ingabe usathlologa malini ngaphezulu?
Tlola inomboro yomutjho ukutjengisa ipendulwakho.





Ebhanga

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

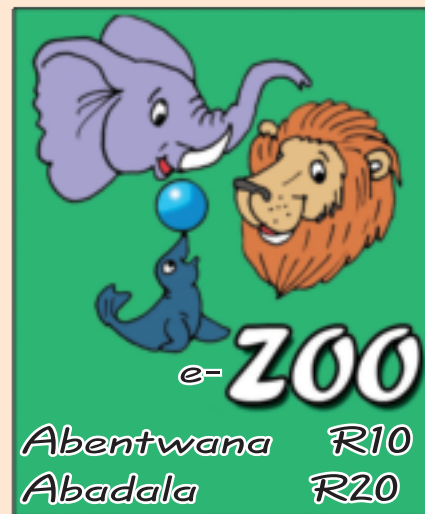


| Inani | |
|-------|---------|
| | R _____ |
| | R _____ |
| | R _____ |



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 _____



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 Date: _____

Amaphetheni

Ithemu I



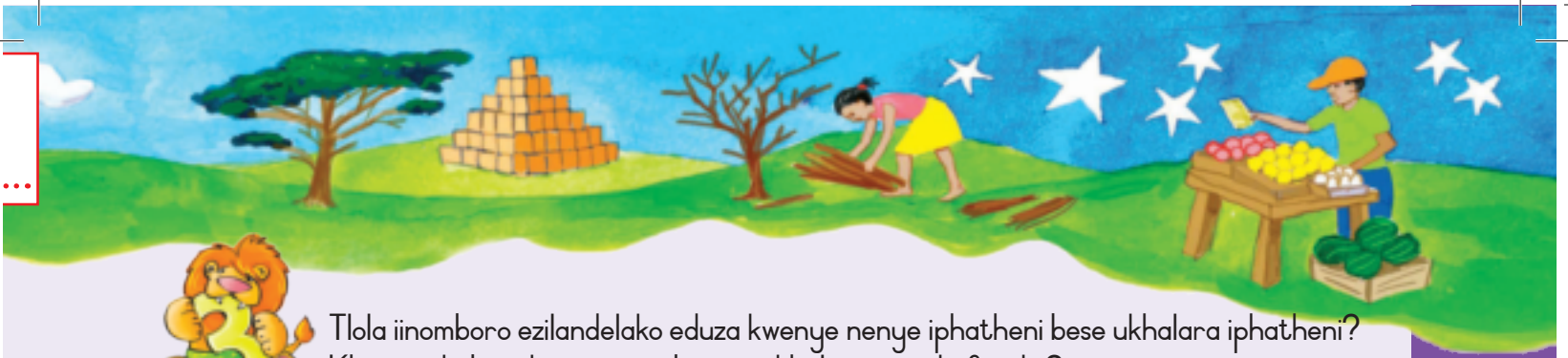
Sebenzisa ibhodi yeenomboro ezima-200 ukuphendula imibuzo.

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 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 |
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Ukubala ngakubili.

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|--|---|--|---|--|--|--|--|
| | 2 | | 4 | | | | |
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Ukubala ngakuthathu.

| | | | | | | | |
|--|--|---|--|---|--|--|--|
| | | 3 | | 6 | | | |
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Ukubala ngalitjhumi.

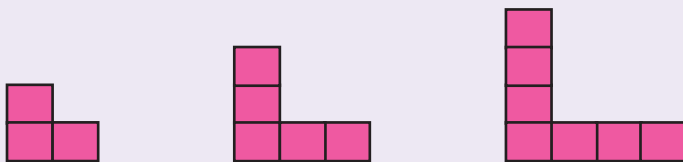
| | | | | | | | |
|--|--|--|--|--|--|--|----|
| | | | | | | | 10 |
| | | | | | | | |
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Yelula amaphetheni.









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10

Ilanga: _____

Ithemu I

Iimbholo, amabhoksi kanye namasilinda



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

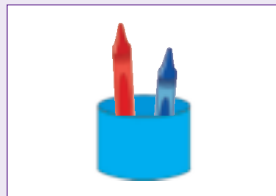


Faka umbala ngependulweni enembako.



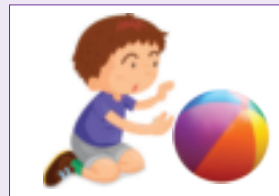
Ibhoksi

liyatjhelela liyagedeka



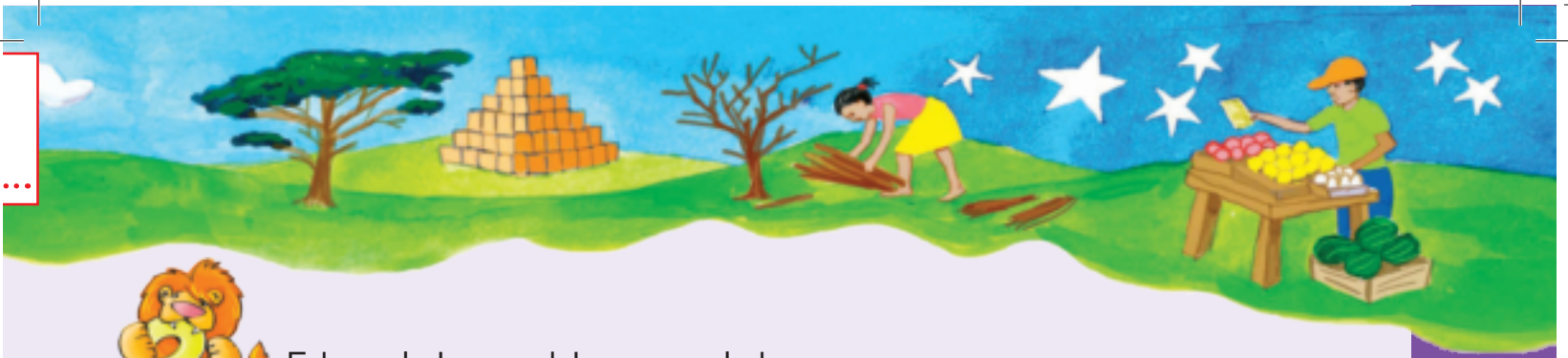
Isilinda

liyatjhelela liyagedeka




Ibholo


liyatjhelela liyagedeka




Faka umbala ependulweni enembako.




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



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| umqoqo oyindulungu |
| umqoqo onqophileko |




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| umqoqo oyindulungu |
| umqoqo onqophileko |




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| umqoqo oyindulungu |
| umqoqo onqophileko |




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| umqoqo oyindulungu |
| umqoqo onqophileko |



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| umqoqo onqophileko |




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| umqoqo onqophileko |




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| 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 |

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Ilanga: _____

Gwala, nikela bewumadanise amabumbeko amajamo we-2D

Ithemu I



Dweba amabumbeko

| | |
|------------|--|
| Uncantathu | |
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| Isiyingi / Indulunga |
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| Isikwere |
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| Ncazine |
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Bala amabumbeko

Bala kobana mangaki amabumbeko afana nalawa ongawafumana esithombeni.

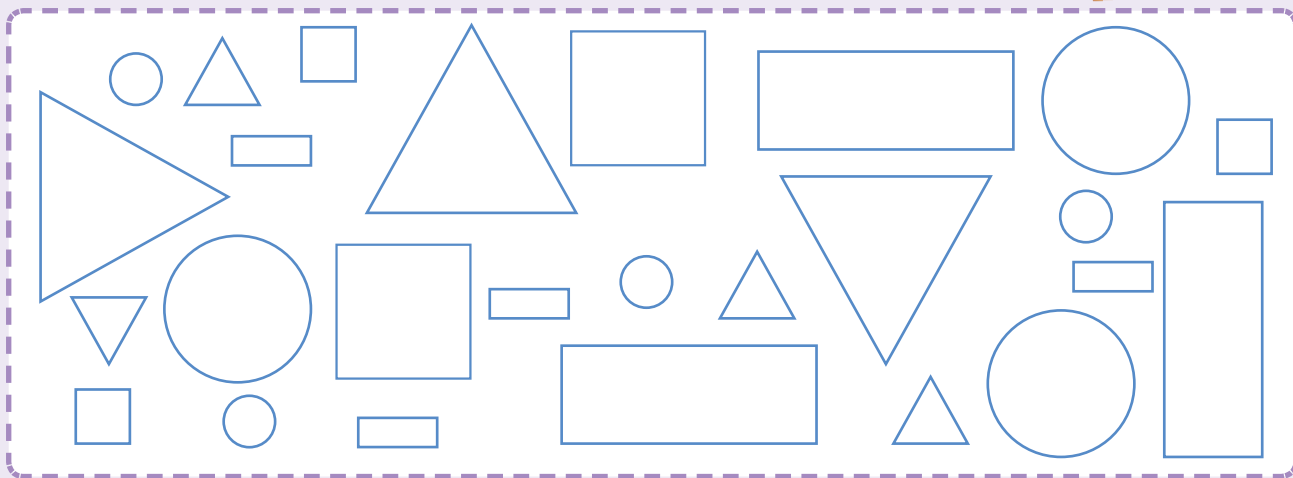
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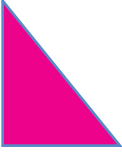


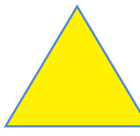

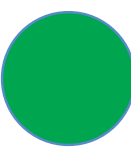


Faka umbala:

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.

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



Teacher: _____

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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 nizombezeza.



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

Ngingakghona ukubona amaphetheni.

Esikhathini esibuyelelwe kabili

a. Tjhugululani ama-iri abe mizuzu.

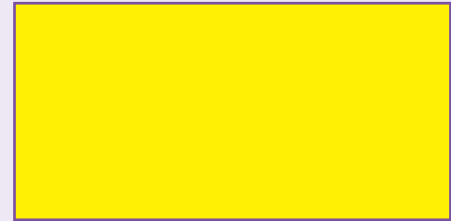
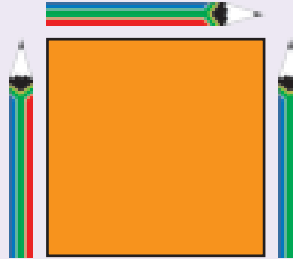
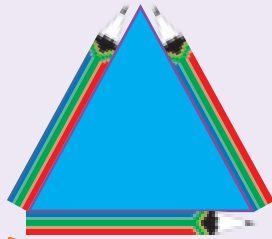
| | | | | |
|---------|----|---|---|---|
| Ama-iri | 1 | 2 | 4 | 8 |
| Imizuzu | 60 | | | |

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



Teacher: _____
Sign: _____
Date: _____

Ukulinganisa ubude



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



Kukoke, amahlangothi wesikwere alingana nobude beempensela e-4.



Ngiyazibuza kobana irekthengela yide begodu ibanzi kangangani?

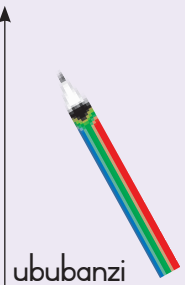
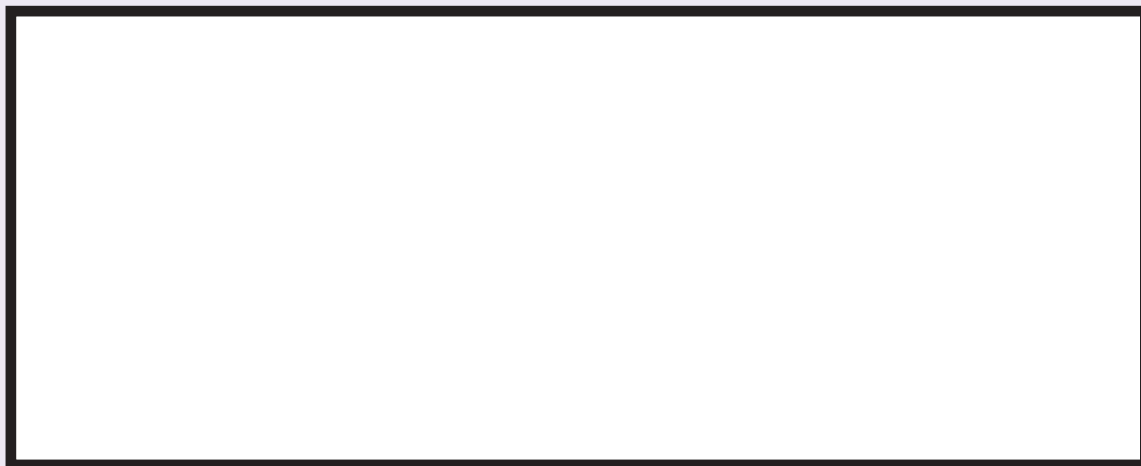
Zingaki iimpensela ezisebudeni berekthengela?



Zingaki iimpensela ezisebubanzini berekthengela?



ubude



Uzisebenzise njani iimpensela ukubala?

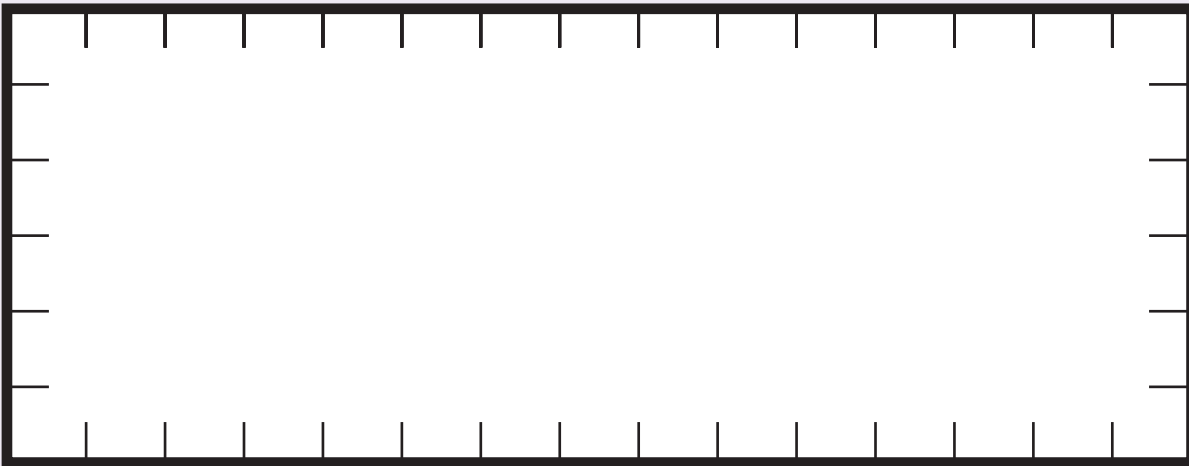


Ubude obufihlakeleko

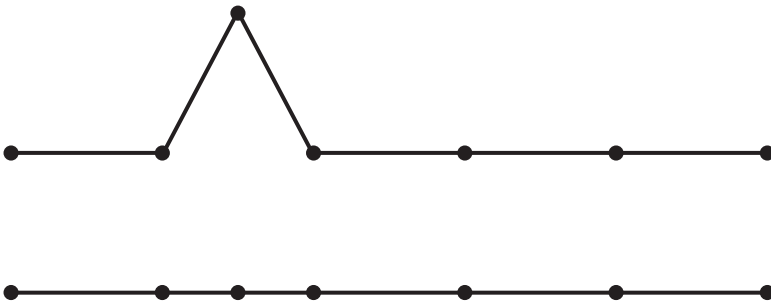
a. Ingabe utlhoga imida emingaki ebovu ukwembesa umuda onzima?



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:



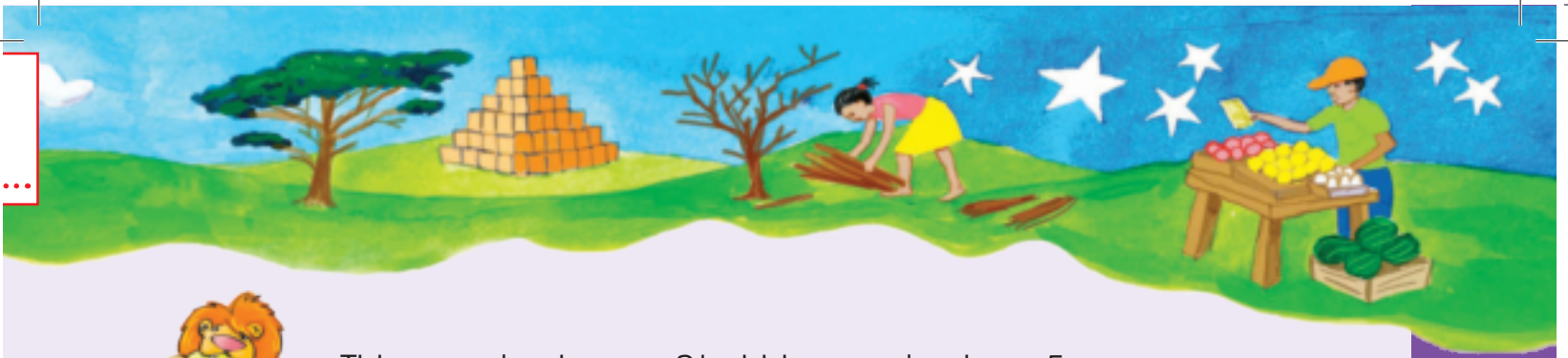
Ngaphakathi kwesimumathi: Utlhoga amanye:



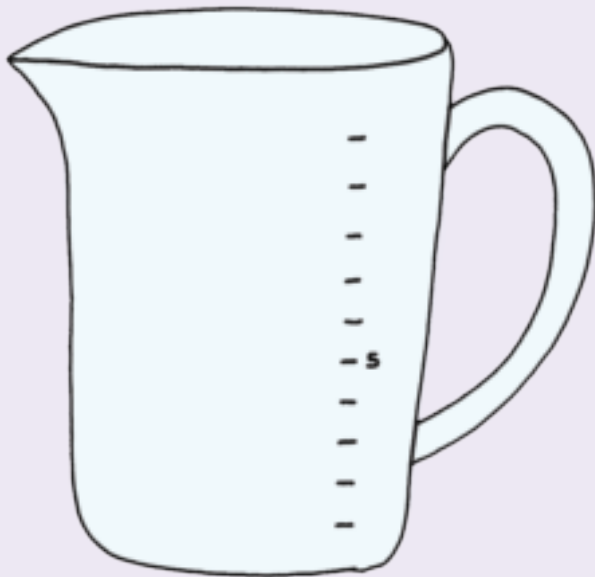
Ngaphakathi kwesimumathi: Utlhoga amanye:



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

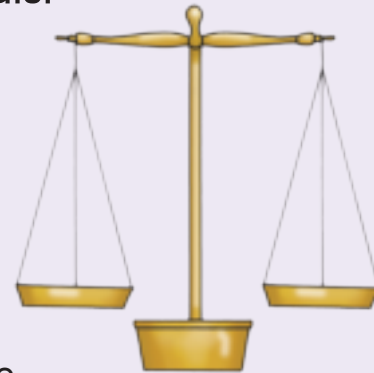


Asimede isisindo sethu!

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



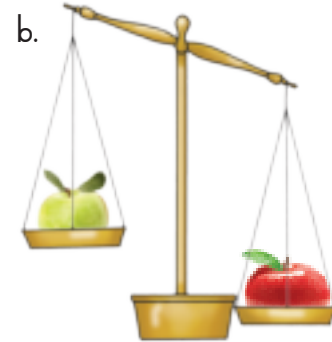
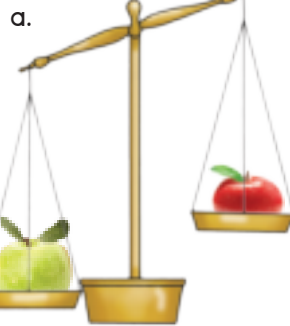
39 kg



Sisebenzise isikala sokubhalansa ukumeda ubudisi



Esikaleni lesi, womabili ama-apula akala ngokulingana.



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.

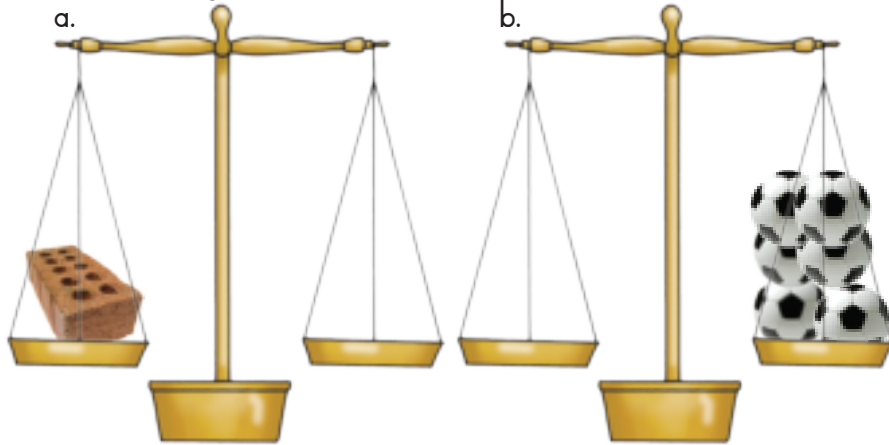


Bhalansisa iinkala.

Wenzelwe isibonelo.



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

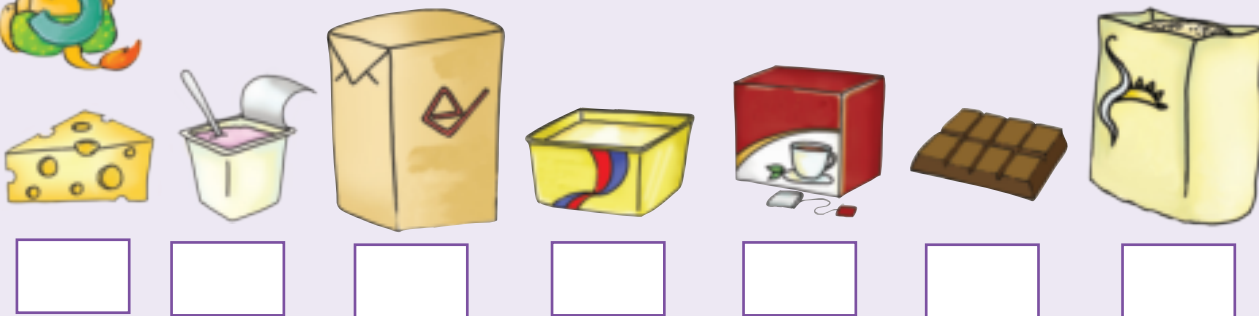


Nangabe iphasela eyodwa ikala 3 kg. Amaphasela ama 2 na-3 akala kangangani?

- 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.

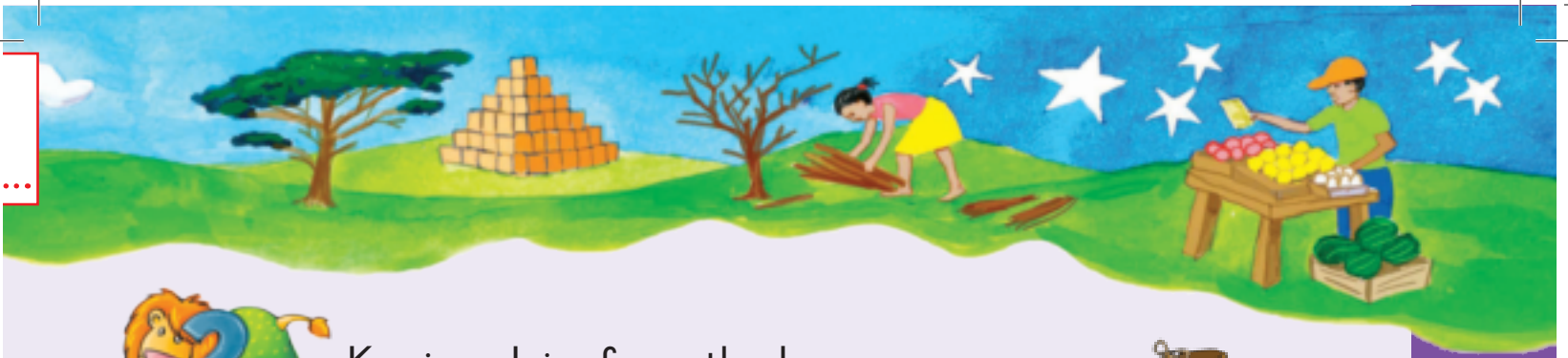
UKkz. Khoza utlola amasayisi lawo ebhodini.

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 |



Kwanjisi 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: _____

11 12 13 14 15 16 17 18 19 20



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 kuthi 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: _____

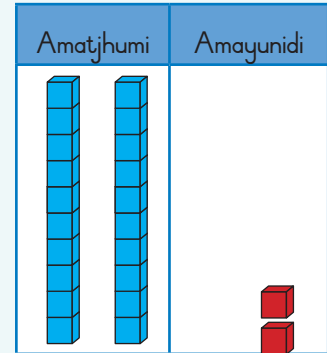
Date: _____

Ubukhulu beenomboro ukuya kuma-99



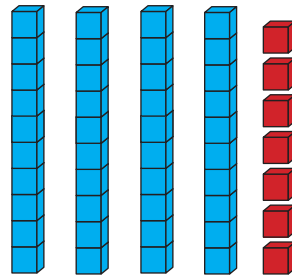
Ukutjengisa inomboro ngokusebenzisa izinto

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 35</p> | Amatjhumi | Amayunidi | 3 | 5 |
|-----------|-------------------------------|---|-----------|-----------|---|---|
| Amatjhumi | Amayunidi | | | | | |
| 3 | 5 | | | | | |
| | <p>[] []</p> <p>[] []</p> | <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 | | | | | |
| | | | | | | |
| | <p>[] []</p> <p>[] []</p> | <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 + 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"/> | <input type="text"/> | <input type="text"/> |
| $10 + 5 + 6$ | | ___ + ___ + ___ | | ___ + ___ = ___ | |

Qedelela iinthombe. Tlola imityho 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!

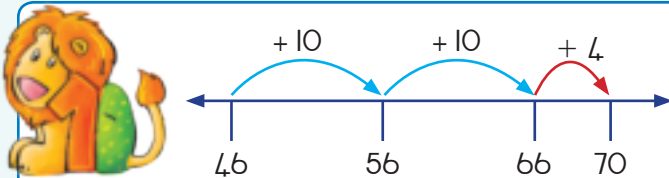
Esikolweni sethu umfundi ngamunye unedeske lakhe.
Kunabafundi abama-46 kuGreyidi 3A begodu bama-24
kuGreyidi 3B.

Ingabe sitlhoga amadeske amangaki ematlasini womabili?



Sebenza nomlingani

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



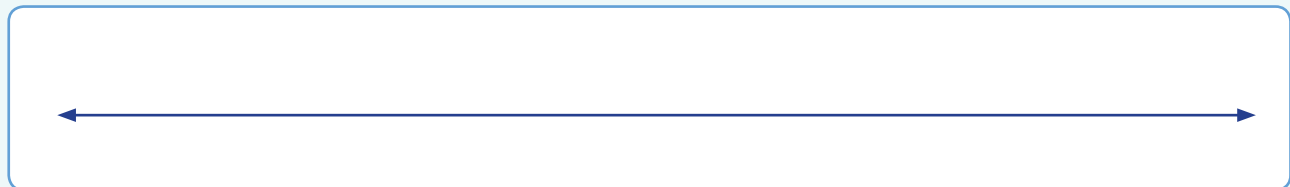
Lokhu ngengikwenzako: Ngithoma ngokuhlanganisa i-10.
Lokhu kungiletha ema-56. Bese ngeqa i-10 elinye ngiye ema-66.
Begodu kwamaswaphela, ngeqa ku-4 ngaphezulu ukufika ema-70.

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

Kufanele
ngihlanganise ama-24
ukuya ema-46.



a. $32 + 25 =$



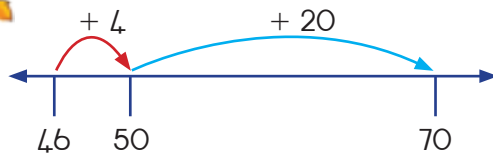


b. $52 + 26 = \square$

←

c. $46 + 25 = \square$

←



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. $36 + 41 = \square$

←

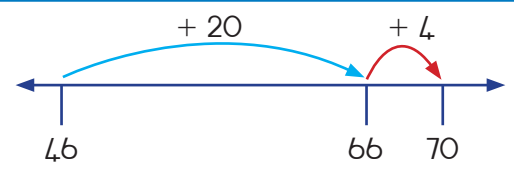
Teacher: _____

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. $65 + 29 =$

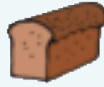


Ziinlofu ezingaki?

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:

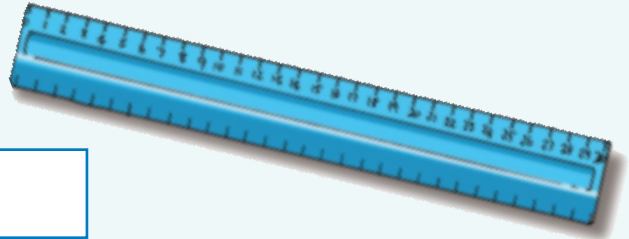
Ithemu I

Ukukhupha ngenambalayini

Umfundi munye! Irula yinye!

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

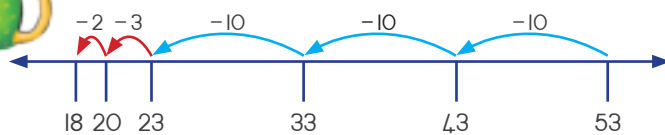
Sisatlhoga mangaki? $53 - 35 =$



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, 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. $68 - 24$

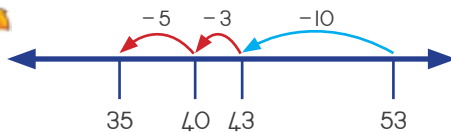
←

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: _____

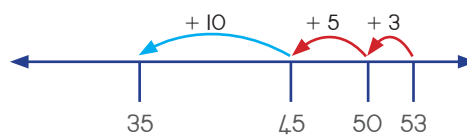
Date: _____

Ukukhupha ngenambalayini (kuragela phambili)

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 ikhambe ama-38 km.

Kusafanele ikhambe kangangani ukuya phambili?

Sebenzisa inambalayini ukusombulula umraro lo.



km



Teacher: _____

Sign: _____

Date: _____

Sikhathi sephathi

Ithemu I




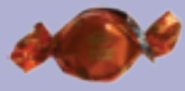


Iqhinga lokuthoma!

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



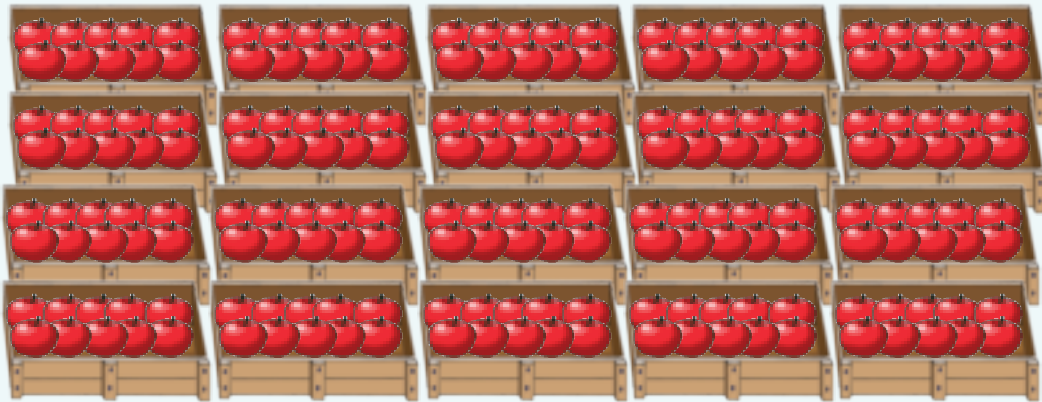
Bala, begodu tlola kobana bangaki abangani abakhetha umhlobo ngamunye wokudla.

| | | | | |
|----------|---|---|---|---|
| |  |  |  |  |
| 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.

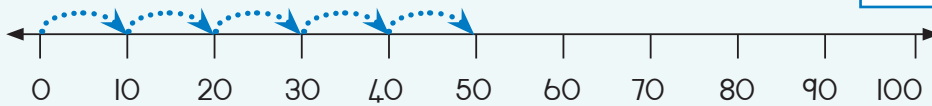
b.

c.

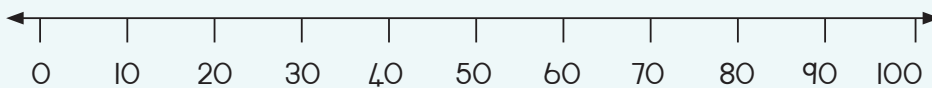


Tjengisa lokhu ngenambalayini.

a. Kuzokuba nama-apula amangaki ngemabhoksini amahlanu?



b. Kuzokuba nama-apula amangaki ngemabhoksini alikhomba?



Zijayeze ngaku-5



Ingabe iinhlambi zingaki? Linganisa ukuthi kungaki.



Kwanjisi bala iinhlambi.

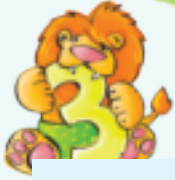
Fumana ithothali.

Bala ngaku-5

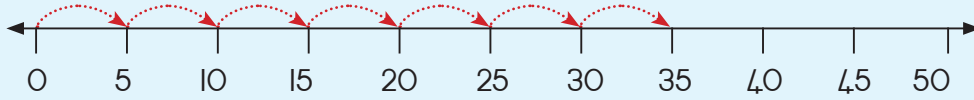


Fumana ithothali yamaqanda weenhlambi. Tlola umutjho weenomboro usebenzise u + kunye no \times . *Sesikwenzele isibonelo.*

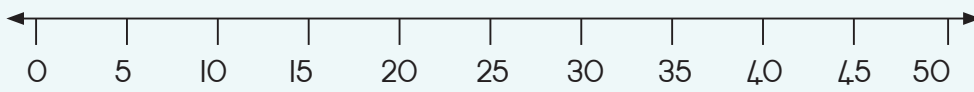
| Iinhlambi namaqanda | Ingabe mangaki amaqanda? | |
|---|--------------------------|-------------------|
| Iinhlambi ezi-5, zibekela amaqanda ama-2 | $2 + 2 + 2 + 2 + 2 = 10$ | $5 \times 2 = 10$ |
| Iinhlambi ezi-5, zibekela amaqanda ali-10 | | |
| Iinhlambi ezi-5, zibekela amaqanda ama-4 | | |
| Iinhlambi 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.



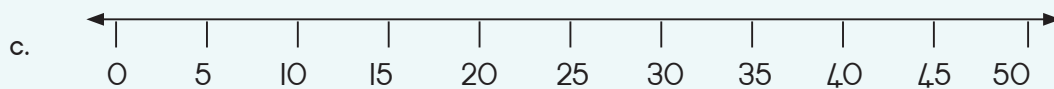
$5 + 5 + 5 + 5 + 5 + 5 + 5 = 35$ nanyana $7 \times 5 = 35$



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



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



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



Bamba ihlambi

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

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

Teacher: _____
Sign: _____
Date: _____

25a

Ilanga:

Ithemu I



Bala amakowusu

Bala ngaku-2



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.

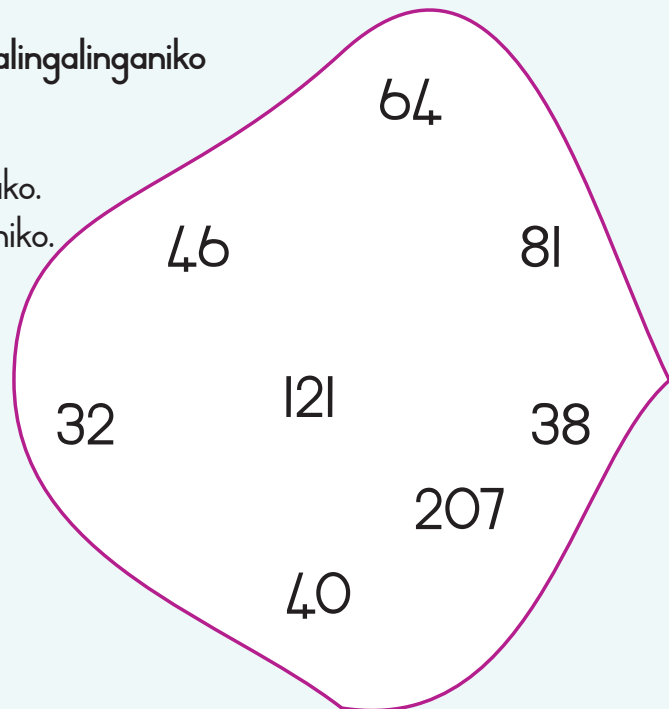
3, 5, 7,



Okulingalinganako nokungalingalinganiko

Dweba indulunga eenomborweni ezilinganako.

Dweba iskwere eenomborweni ezingalinganiko.





Kusukela emakowuswini ukuya eempareni zamakowusu

Isibonelo:

ipara yi-1  = amakowusu ma-2

$$2 \times 1 = 2$$

impara ezili-10  = amakowusu ama-20

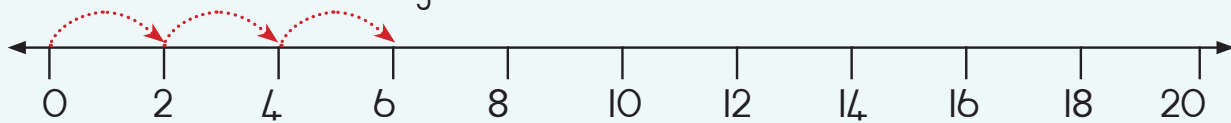
$$2 \times 10 = 20$$

a. Tlola kobana mangaki amakowusu.

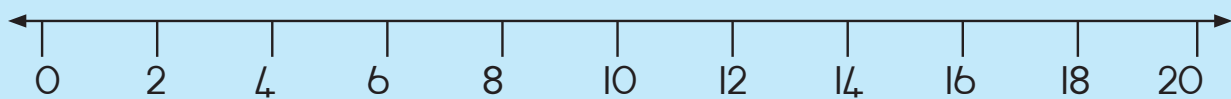
| Cabanga ngaku-2 | | Umutjho weenomboro |
|-----------------|---------------------|------------------------|
| Ipara eyo-1 | amakowusu = ama-2 | $2 \times 1 = 2$ |
| Iimpara ezi-2 | amakowusu = ama-___ | $2 \times 2 = \square$ |
| Iimpara ezi-4 | amakowusu = abu-___ | |
| Iimpara ezibu-8 | amakowusu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

b. Tjengisa inani phezu kwenambalayini bese uyaqedelela.

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



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



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> |



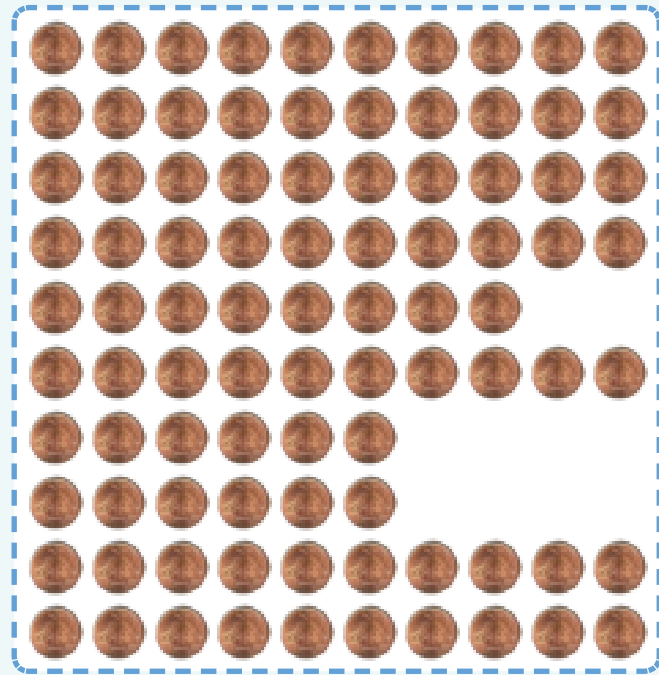
Bala amasende

Bala usende o-l.

Kunamasende amangaki?

Mangaki afunekako ukwenza i-R1,00?

Agwale ngaphakathi kwebhlogo.

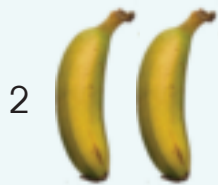


Masende amangaki?

| | |
|--------------------------------|--------------------------------|
| 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: _____

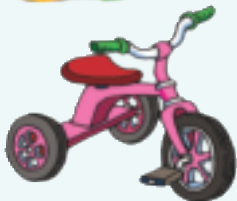
Sign: _____

Date: _____

Bala ngaku thathu



Amavili ngama-3



Ibhayisigili-emavili-ntathu yi-1 inamavili ama ____.

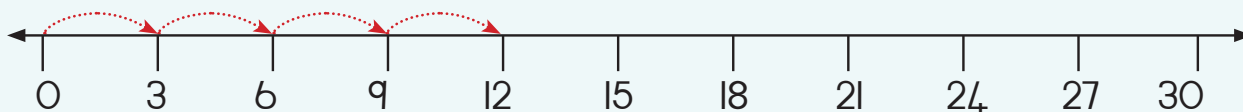


| | |
|---|---|
| Iimbhasigili ezi-5 zinamavili ama ____. | $3 + 3 + 3 + 3 + 3 = 5 \times 3 =$ ____ |
| Iimbhasigili ezi-2 zinamavili ama ____. | $3 + 3 = 2 \times 3 =$ ____ |
| Iimbhasigili ezi-4 zinamavili ama ____. | |
| Iimbhasigili ezi-6 zinamavili ama ____. | |
| Iimbhasigili ezi-9 zinamavili ama ____. | |
| Iimbhasigili ezi-8 zinamavili ama ____. | |

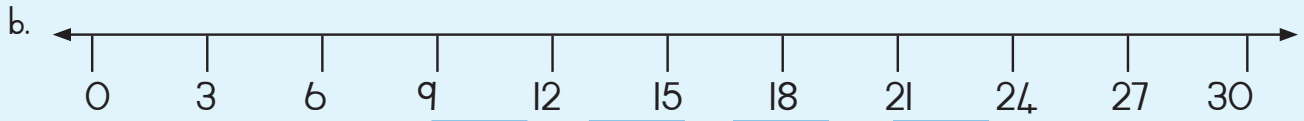


Amanambalayini

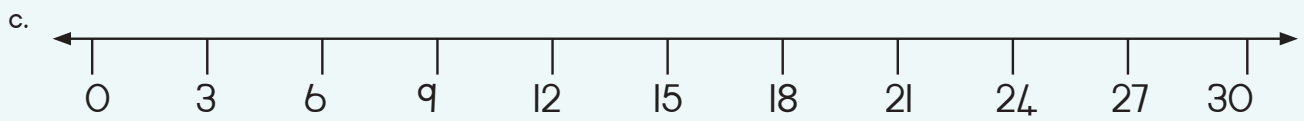
Landela isibonelo.



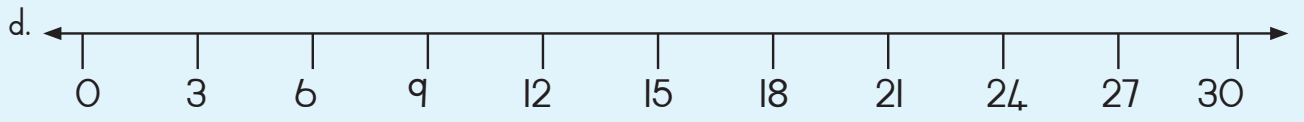
a. $3 + 3 + 3 + 3 =$ $= 4 \times 3 =$



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



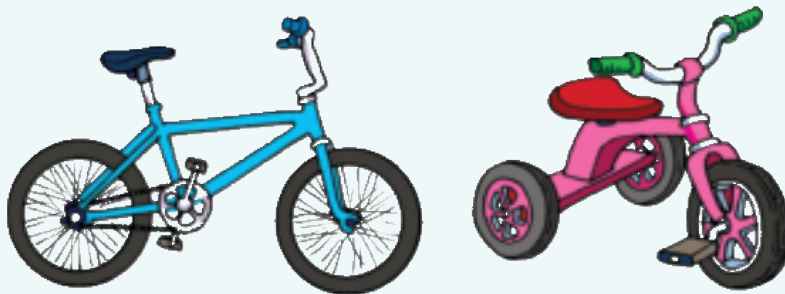
$$\underline{\hspace{10em}} = \boxed{} = 6 \times 3 = \boxed{}$$



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



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 |



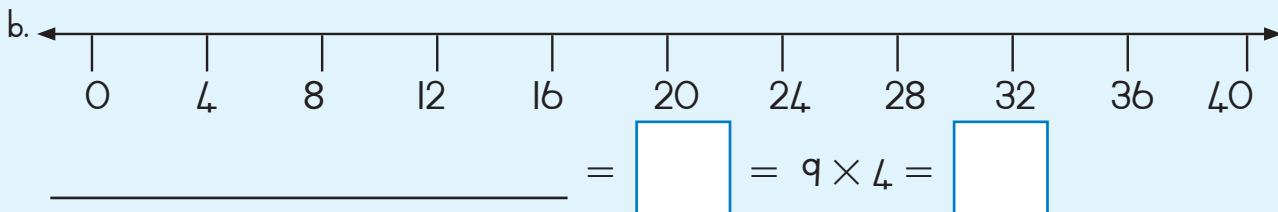
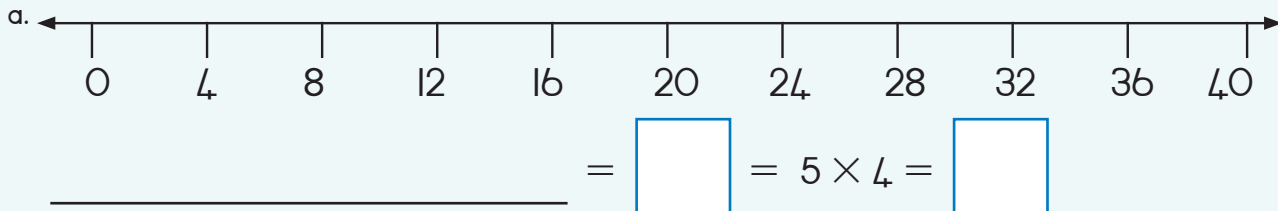
Qedelela itheyibula elandelako. Sebenzisa isibonelo ukubanelemuko.

| | |
|--------------------------------------|---|
| 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.

□ □ □ □ 74 □ □ □ □

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

□ □ □ □ 65 □ □ □ □



Ingabe zifanele zibe kuphi?

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

| Iphetheni yangaku-3 neyangaku-4 | Iphethe yangaku-3 neyangaku-5 | Iphetheni yangaku-4 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? _____

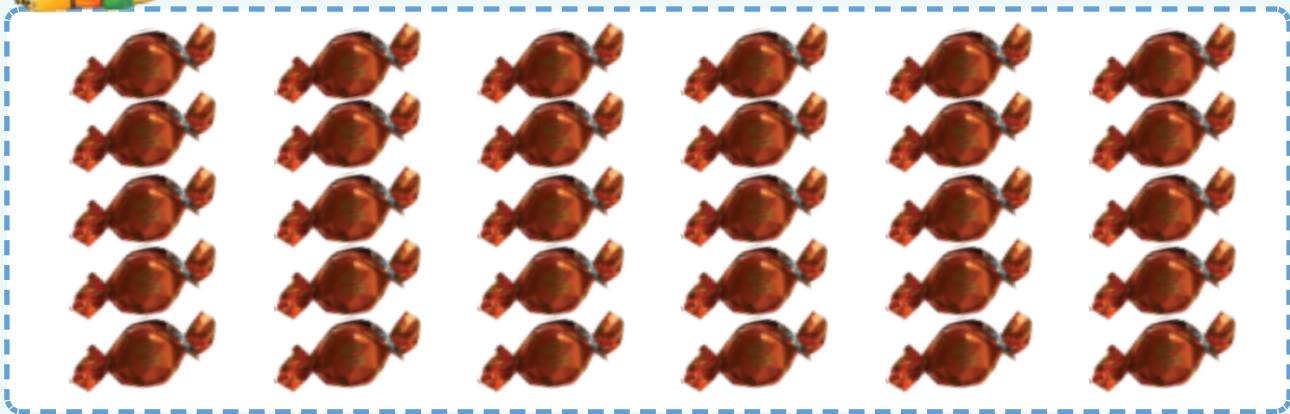


○
□
△
Teacher:
Sign:
Date:

Ukwehlukana



Yabelana ngamaswidi.



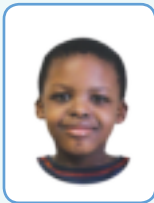
a. Yabela abentwana ababili ngokulingana amaswidi ama-30.



Singatlola ngendlela elandelako:

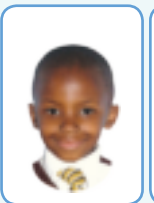
$$30 \div 2 = 15$$

b. Yabela ngokulingana amaswidi hlangana nabentwana abathathu.



$$\div =$$

c. Amaswidi ahlukiselwe abentwana aba-5



$$\div =$$



Singasebenzisa iinomboro zamabhlogo ukwabelana.

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

Kwanje yenza lokhu.

a.

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

b.

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



Teacher: _____

Sign: _____

Date: _____

30b

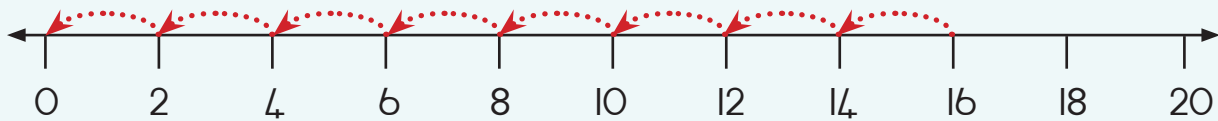
Ilanga:

Ukwehlukana (kuragela phambili)

Ithemu I



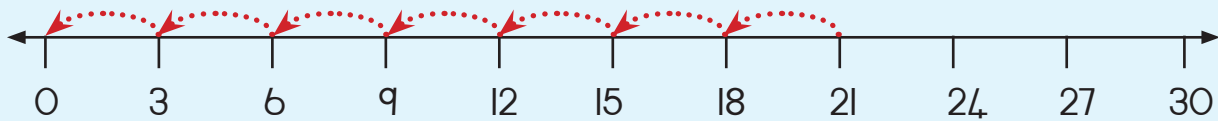
Sebenzisa amanambalayini ukutlola umutjho weenomboro okhuphako nanyana ohlukanisako. Isibonelo:



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

$$16 \div 2 = 8$$

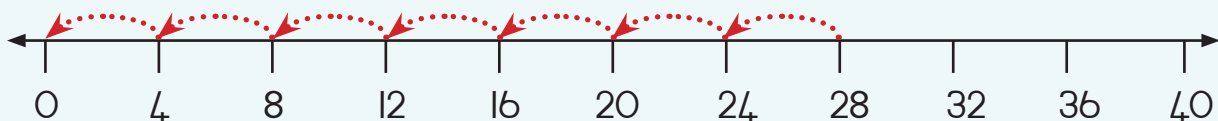
a.



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

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

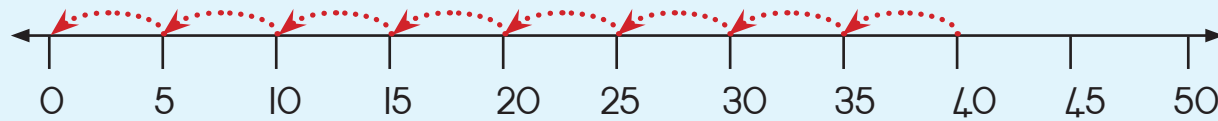
b.



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

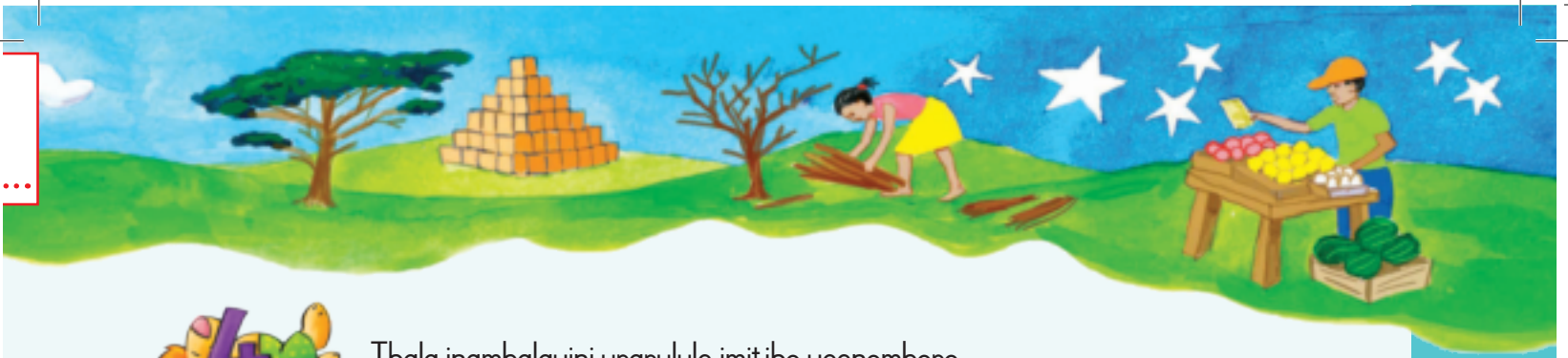
$$\boxed{\hspace{1cm}} \div \boxed{\hspace{1cm}} = \underline{\hspace{1cm}}$$

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. $32 \div 4 =$



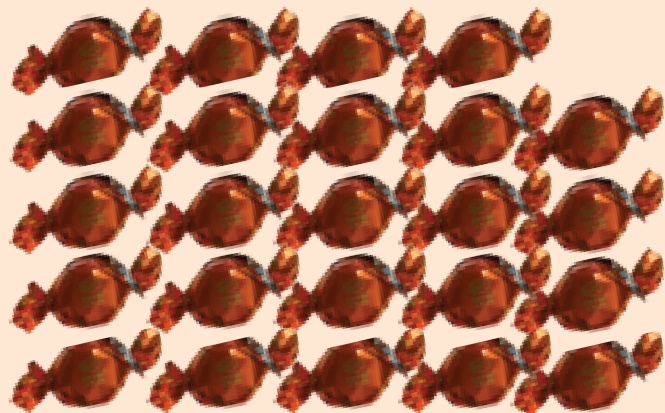
e. $25 \div 5 =$



Iselele

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

Tlola umutjho weenomboro ukutjengisa ipendulo yakho.



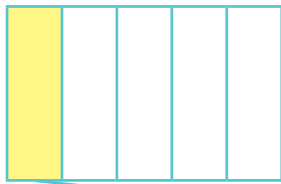
Teacher: _____
 Sign: _____
 Date: _____

Amacezu

Ithemu I



Thala umuda umadanise ibumbeko necezu elifaneleko.



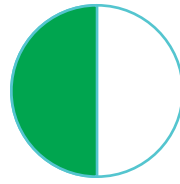
$$\frac{1}{3}$$

ingcenywe yakuthathu



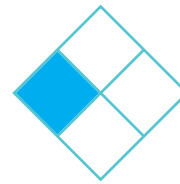
$$\frac{1}{5}$$

ingcenywe yakuhlano



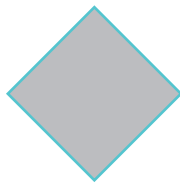
$$\frac{1}{4}$$

ingcenywe yekotara

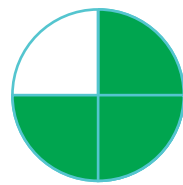


$$\frac{1}{2}$$

ingcenywe yehafu

iingcenywe
ezintathu
zamakotara

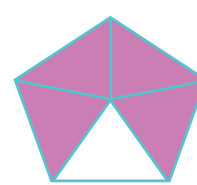
$$\frac{3}{4}$$

iingcenywe
ezine
zakuhlano

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

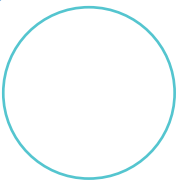
Okukodwa
okuzeleko

$$1$$

iingcenywe
eziimbili
zakuthathu

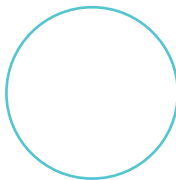
$$\frac{2}{3}$$

Hlukanisa bese uyakhalara:



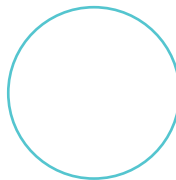
$$\frac{1}{2}$$

ingcenywe yehafu



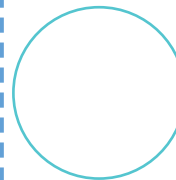
$$\frac{1}{3}$$

ingcenywe yakuthathu



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

ingcenywe yekotara



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

ingcenywe yakuhlano

Tjengisa icezu ngokuthala umuda osuka enomborweni enembako yamasbidi.



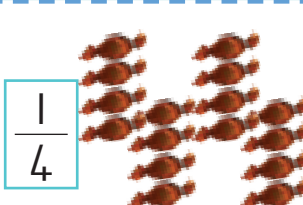
$$\frac{1}{2}$$

ingcenywe yehafu



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

ingcenywe yakuthathu



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

ingcenywe yekotara

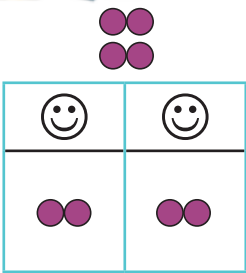
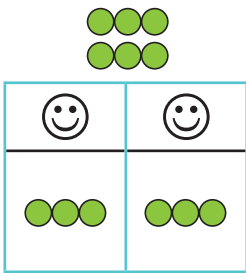
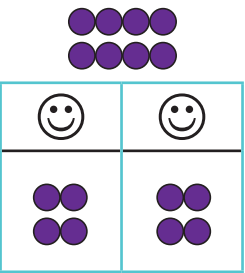
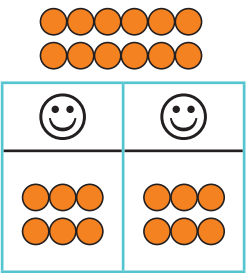


$$\frac{1}{5}$$

ingcenywe yakuhlano

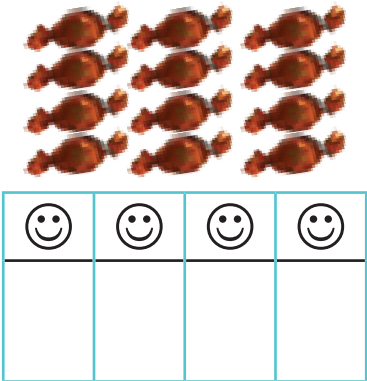
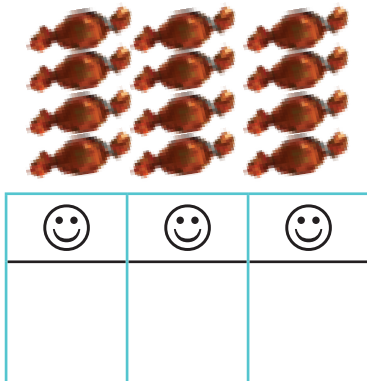


Yabela abentwana ababili iimbalisi.

| | | | |
|---|---|---|---|
|  |  |  |  |
| <ul style="list-style-type: none"> • Omunye nomunye ufunyene iimbalisi ezi- <u>2</u> • Ihafu yeembalisi ezi- <u>4</u> ngu <u>2</u>. | <ul style="list-style-type: none"> • Omunye nomunye ufunyene iimbalisi ezi- <u> </u> • <u> </u> yaka <u> </u> ngu <u> </u>. | <ul style="list-style-type: none"> • Omunye nomunye ufunyene iimbalisi ezi- <u> </u> • <u> </u> yaka <u> </u> ngu <u> </u>. | <ul style="list-style-type: none"> • Omunye nomunye ufunyene iimbalisi ezi- <u> </u> • <u> </u> yaka <u> </u> ngu <u> </u>. |
| $4 \div 2 = 2$ | $___ \div ___ = ___$ | $___ \div ___ = ___$ | $___ \div ___ = ___$ |



Yabela abentwana amaswidi ngokulingana.

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



Teacher: _____

Sign: _____

Date: _____



Ukuya ngesidleni

Singatlola isikhathi esifanako ngeendlela ezihlukileko.

Sekusikhathi

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

Tlola lokhu ngeendlela ezimbili ezihlukileko.

| | | |
|-------------|-------------|-------------|
| | | |
| <hr/> <hr/> | <hr/> <hr/> | <hr/> <hr/> |

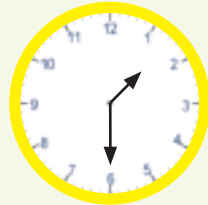


Ukuya ekhaya

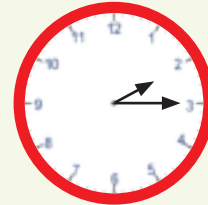
UBen uthatha isikhathi esingangani ukufika ekhaya?

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 | | | | | |

| UmMrhayili | | | | | | |
|------------|-----|-----|-----|-----|-----|-----|
| 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 ngamabuthhelelo weenomboro



Ukupaka amakerese

UNaNkosi usebenza efemini yamakerese.

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



Kunamakerese amangaki ethreyini ngayinye? _____

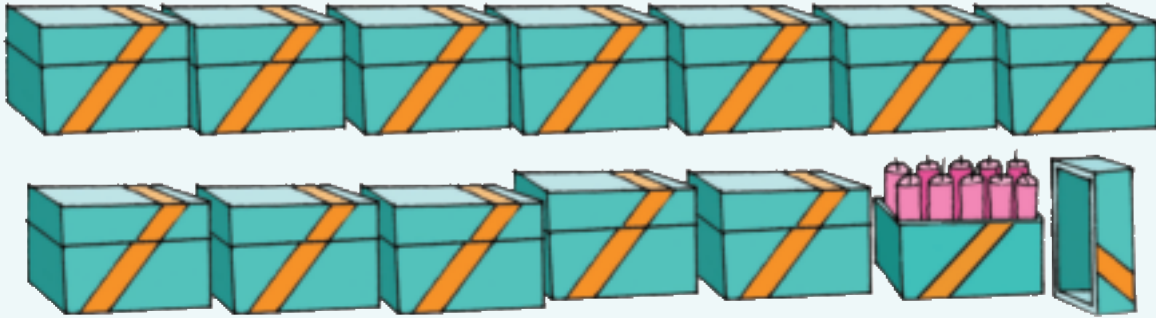
Kunamathreyi amangaki erageni ngayinye? _____

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 |



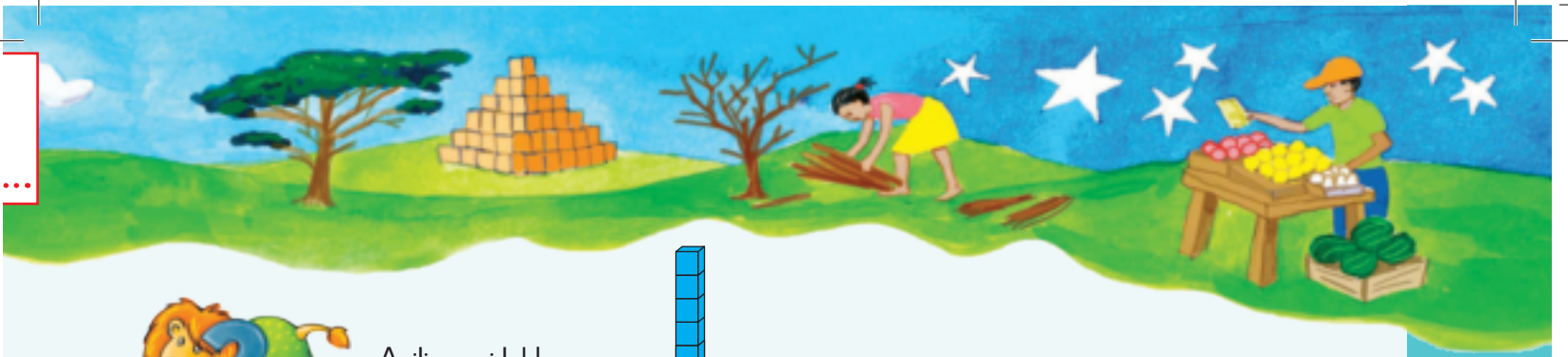
Ukubeka amatjumi ndawonye nokuwahlukanisa



Ukubeka amatjumi ndawonye lokha nasihlanganisako.

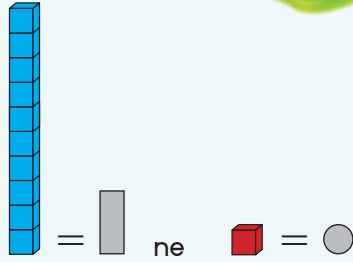
| | | | |
|---|--|----------|--|
| <p>Asihlanganiseni $56 + 73 =$</p> | | <p>+</p> | |
| | <p>amatjumi ama-5 namayunidi ama-6</p> | | <p>amatjumi ali-7 namayunidi ama-3</p> |

| 100s | 10s | 1s |
|--|-----|----|
| | | |
| <p>Nasele kukoke sinamatjumi ali-12. Singabeka amatjumi ama-10 ndawonye ukwenza ikhulu li-1.</p> | | |
| | | |



Asilingeni lokhu.

Isibonelo: $82 + 34$



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

b. $65 + 52$

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

c. $76 + 63$

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

d. $86 + 65$

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



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

Ukubeka amatjhumini ndawonye nokuwahlukanisa (kuragela phambili)



Sebenzisa amabhlogo wobukhulu beenomboro.

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



Asibekela amatjhumini ngeqadi lokha nasikhuphako

Lokha nasikhuphako, kesinye isikhathi sitlhoga kobana sitjengise itjhumini linye njengabowani abalitjhumini, namkha ikhulu njenge-10 elimatjhumini.

Asikhuphe kuma: $60 - 55 =$

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

(abowani esibasusako sibafake umbala omlotha.)

| | | | |
|---|--|---|---------------|
| | | | |
| Singatjengisa amatjhumini amathandathu nje. | Namkha njengamatjhumini amahlanu nabowani abalitjhumini. | Susa amatjhumini 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.

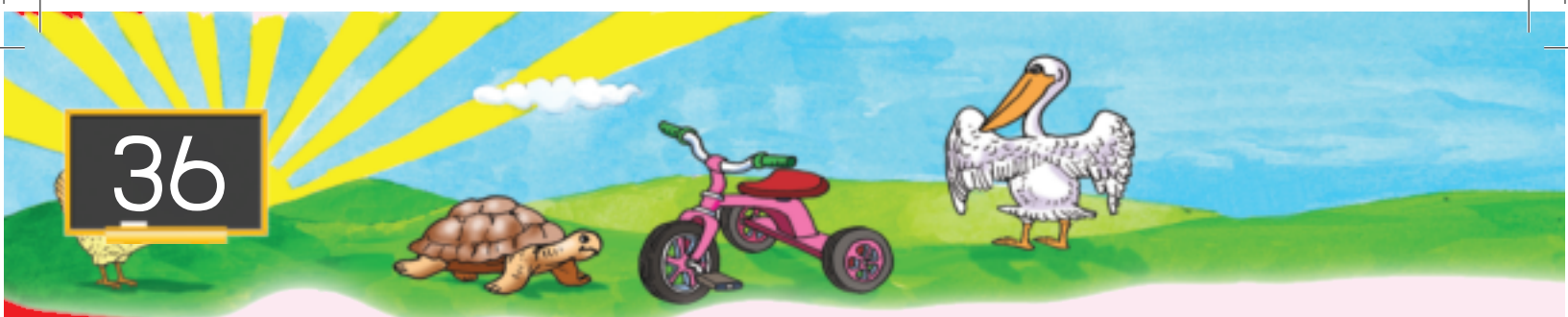
| | |
|-----|-----|
| 200 | |
| | 105 |

d.

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



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



Ukuvakatjhela udorhodere wamazinyo

Isiqhema sabentwana sivakatjhela udorhodere wamazinyo.



Amazinyo wakho uwahlamba kangaki ngelanga?

Lokhu ngilokho abentwana abamtjela khona



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

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

| | |
|-----------------------|--|
| Kanye ngelanga | |
| Kabili ngelanga | |
| 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: _____

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. $86 - 62$

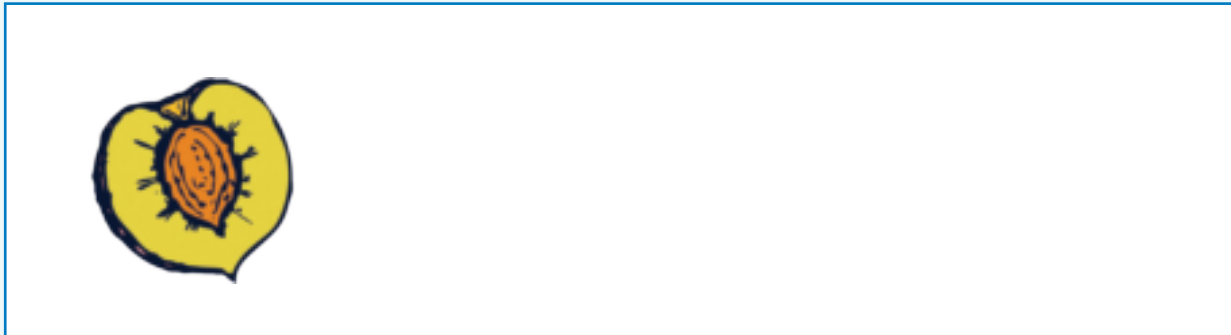
d. $85 - 69$



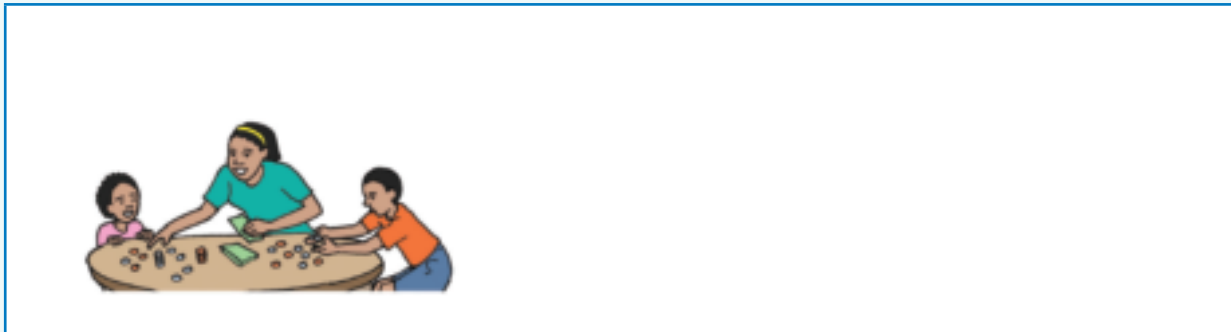
Rarulula!

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

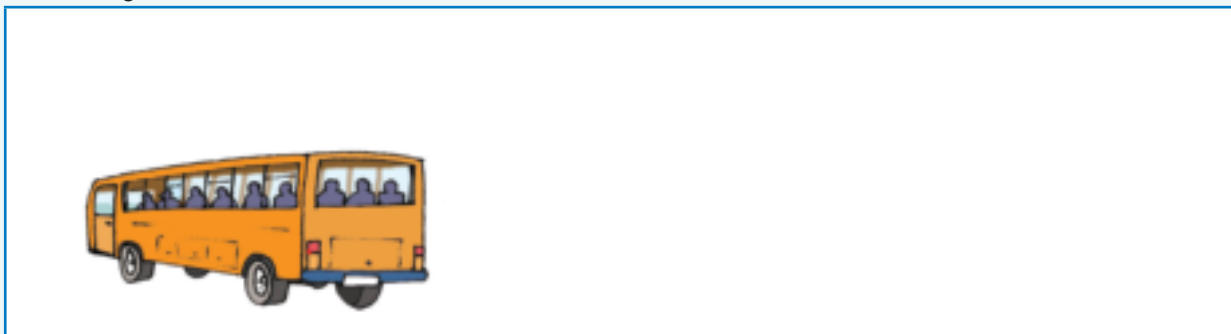
- a. UPeter uthoma ngokudobha iimperegisi ezima-34 begodu neemperegisi ezima-67. Zingaki iimperegisi nasele zizoke?



- 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?



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.

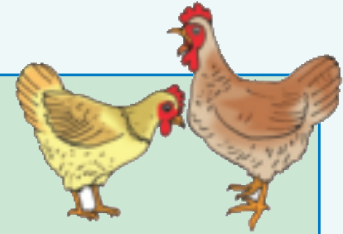
Bekube njenganje uMusa sele athengise amathikithi amangaki?



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-I?



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



Bala bewubalisise



Fumana ingcenywe

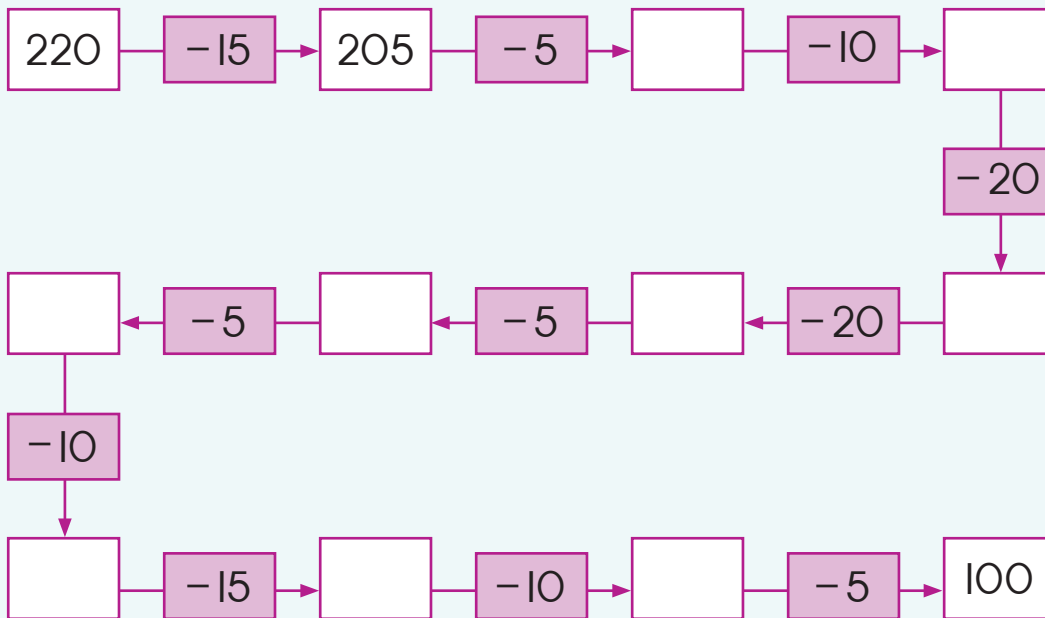
Tlola iinomboro ezitlhayelako.

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



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: _____

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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.

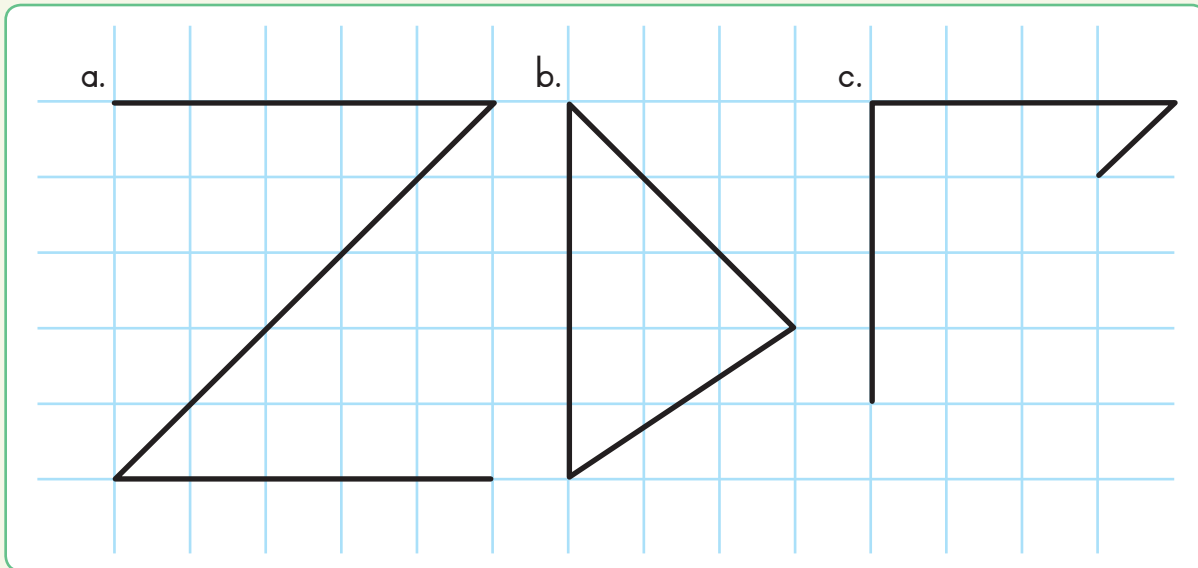
Amanye amarula akatjengisi u-0 njengale esekhasineli.

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. 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?

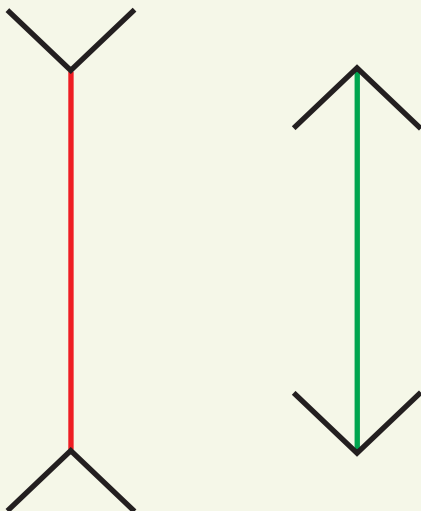
Umuda ngamunye unama-cm amangaki ubude?
Sebenzisa umunwakho ukusize ukuqunta.

| | |
|----------------------------------|----------------------------------|
| 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: _____

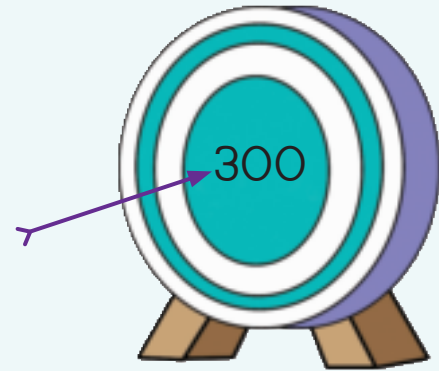
41

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 |
| | | | | | | |

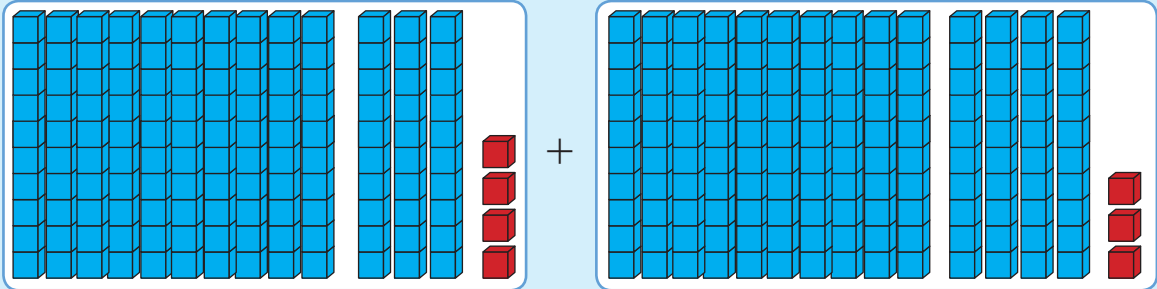


Teacher: _____
Sign: _____
Date: _____

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: _____

43

Ilanga:

Ithemu 2

Kunqotjhwwe kuma-400

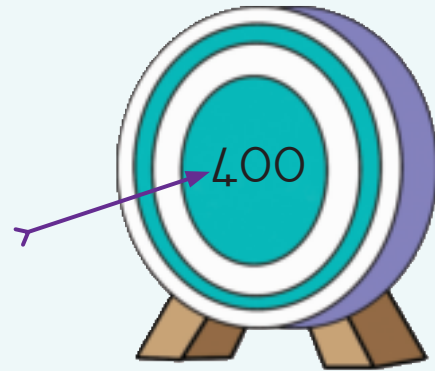


Ukubala kanye nokutlola ama-400

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 |

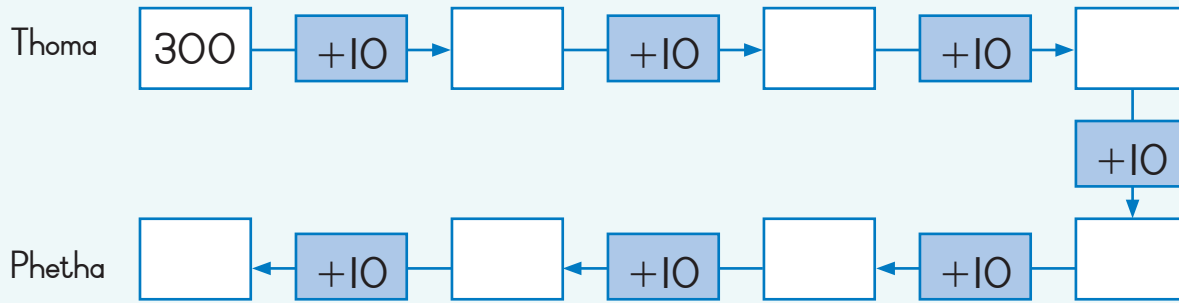
Tlola ezinye iinomboro ezili-9 eziza ngemuva kwama-400.

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

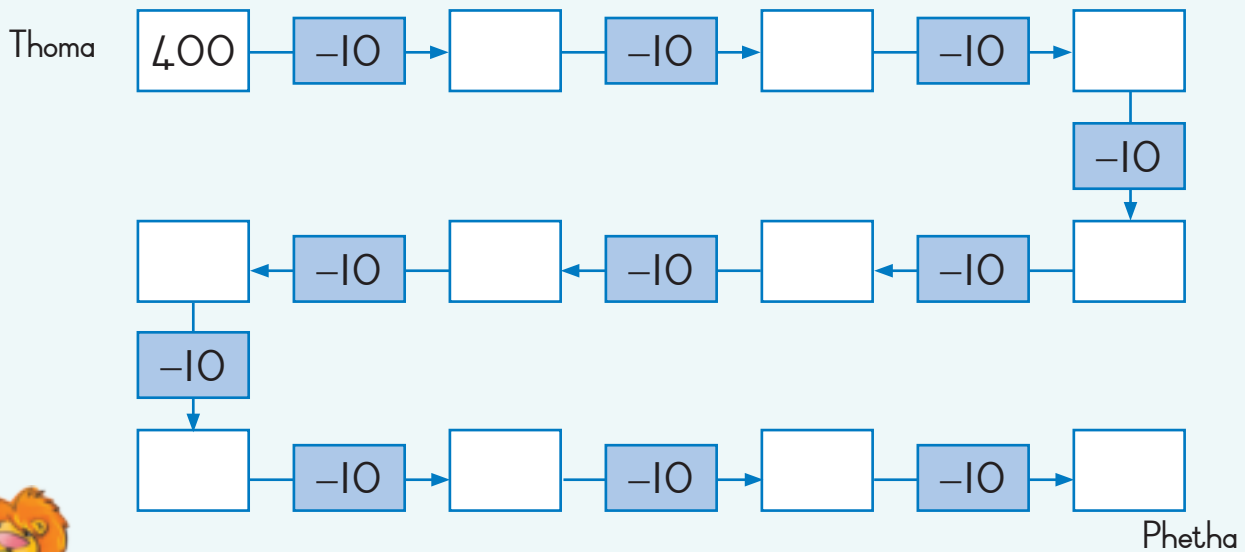


Bala uye phambili ubuye ubale sinyovana.

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.



Teacher: _____
Sign: _____
Date: _____

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Ilanga:

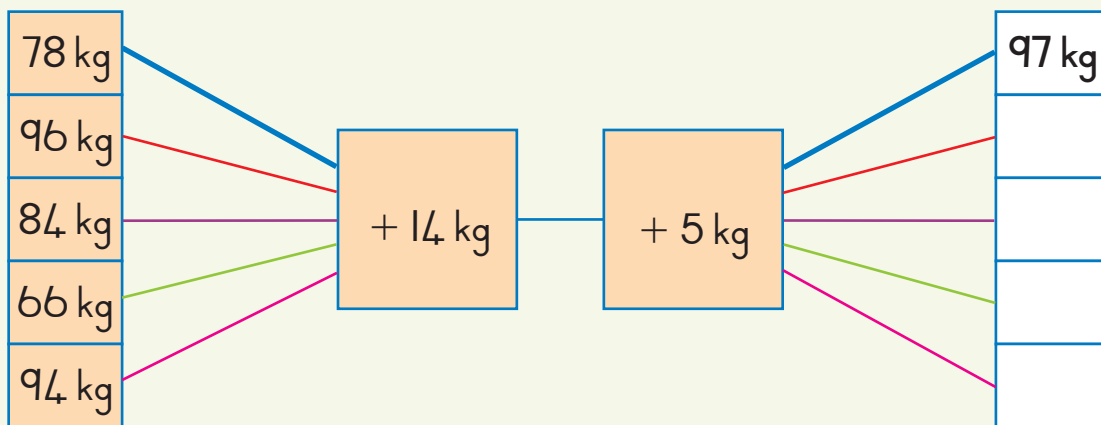
Ithemu 2

Ukukala



Ngezelela ngamakhilogramu

Hlanganisa begodu ufumane iimpendulo.



Yenza okupheleleko begodu uhlanganise!

Cabanga kuhle!

| | | | | |
|-----------------------|---------------------|-------------------|-----------------------------|------------------------|
| | | | | |
| Ujakalasi ma-25 kg | Ikghuru ma-98 kg | Ifene ma-59 kg | Umntwana wedube ma-88 kg | Iphelikheni 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: _____

Sign: _____

Date: _____

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Ilanga:

Ithemu 2



Kunqotjhwe kuma-500

Bala bewutlole!

400



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

- 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; _____; _____; _____; _____; _____; _____; _____

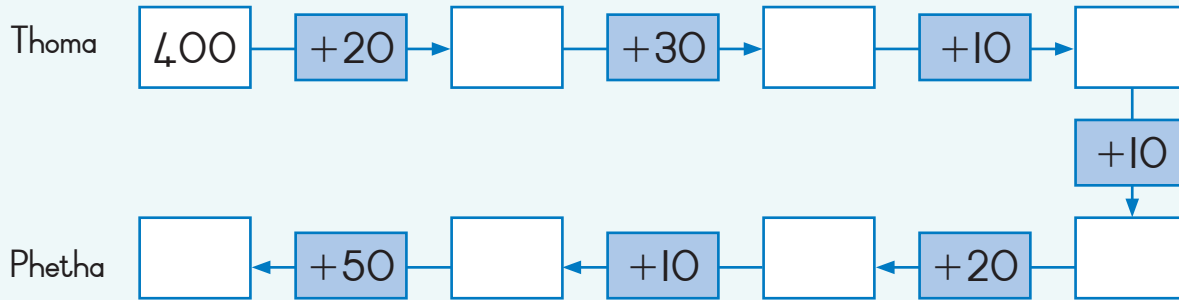
- Bala ngaku-5. Tlola iinomboro ezilandelako ezibu-8 ngephetheni yangaku-5.

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

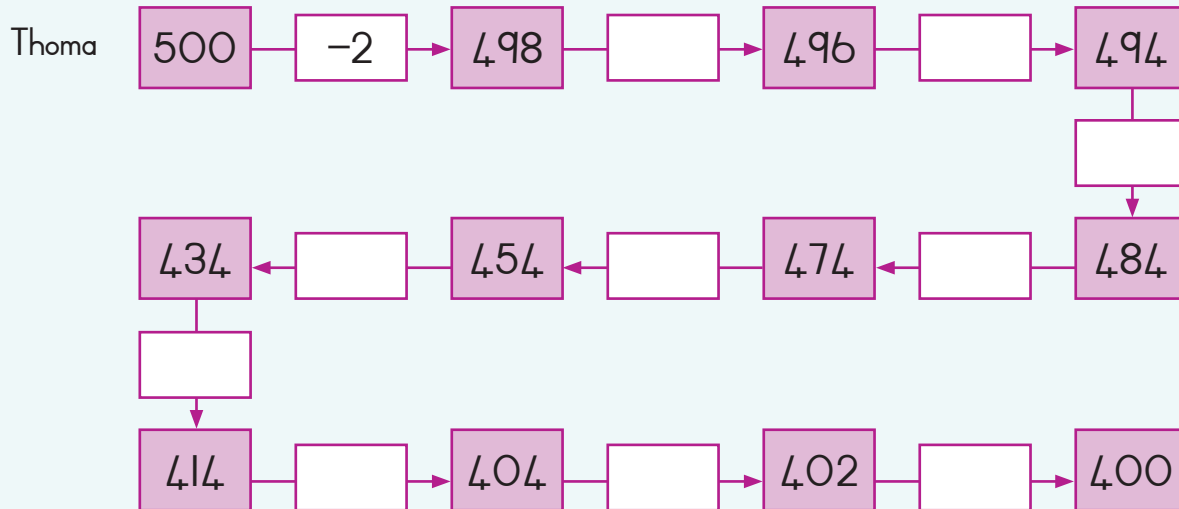


Zalisa ngeenomboro ezitlhayelako.

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

| | | |
|--|----------------------|-------|
| 200 200 50 30 4 5 | 400 80 9 | 489 |
|--|----------------------|-------|



Siyokusebenzisa iindlela zakaBusi kanye no-Dumi zokubala godu ukuhlanganisa.

a. $245 + 231$

Indlela yakaBusi

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

$$= 400 + 70 + 1$$

$$= 471$$



Indlela yakaTumi

$$245 + 231$$

$$= 400 + 70 + 6$$

$$= 471$$



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

$$476 + 324$$

$$= 100 + 50 + 2$$

$$= 152$$

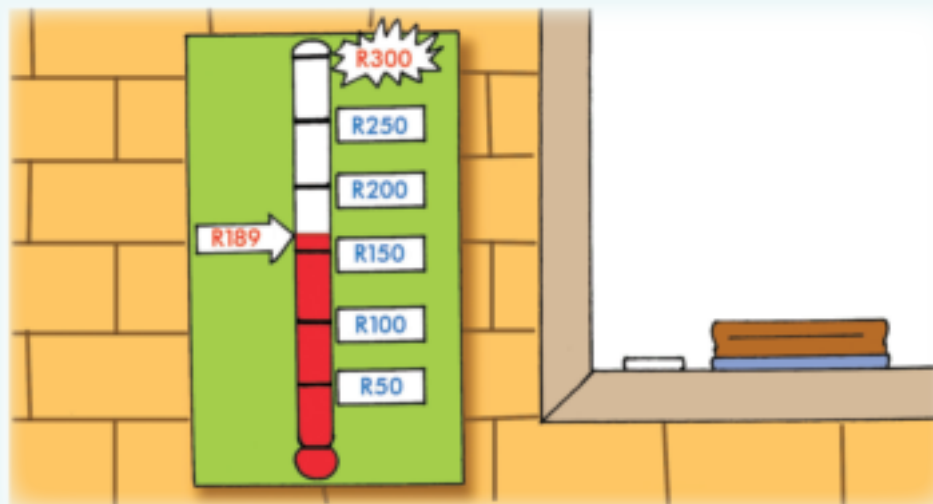


b. $489 - 456$

c. $482 - 161$



Funda okunqotjhiweko



Funda isithombe.

Kusele kangangani ukufikelela emnqopheni?

R

Teacher: _____

Sign: _____

Date: _____



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.

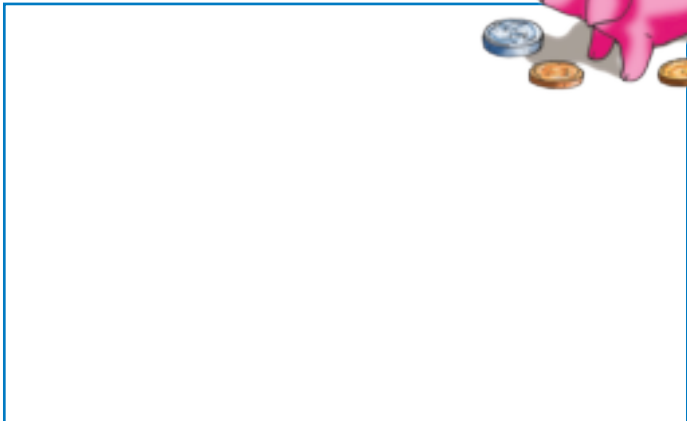


Ngikuphi okunengi?

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

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

Tjengisa ukuthi uzoyisebenza njani.



Teacher: _____

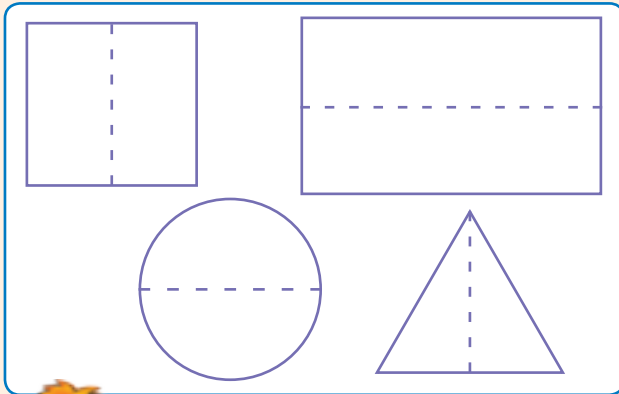
Sign: _____

Date: _____

11 12 13 14 15 16 17 18 19 20

Ukufana nca zoke/isimethri

Ngikuphi okuyelelako ngamajamo?

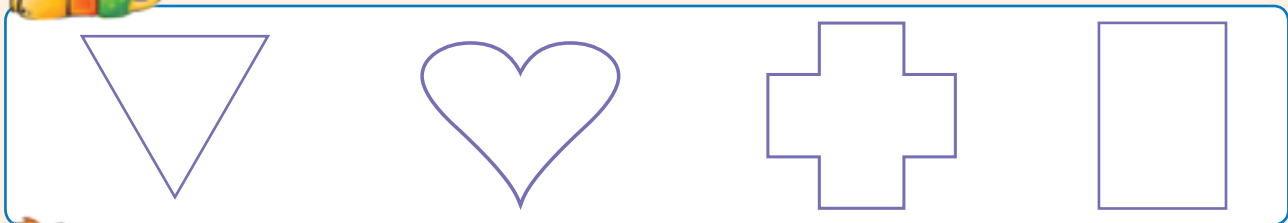


Umuda wesimethri wehlukana amahafu amabili phakathi ukuze ihafu eyodwa itjengise ubujamo benye ihafu.

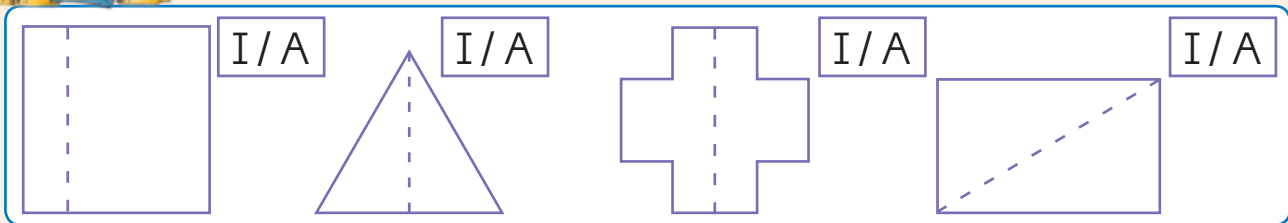
Ubjamo ngabunye bunayo isimethri lokha nawugoba phakathi bewuhlanganise iphepha ukuze ingcenywe zombili zilingane.



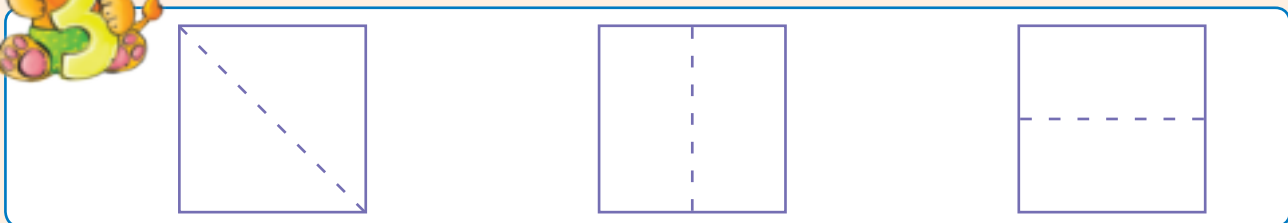
Gwala umuda olinganisa nca zoke ejameni ngalinye.

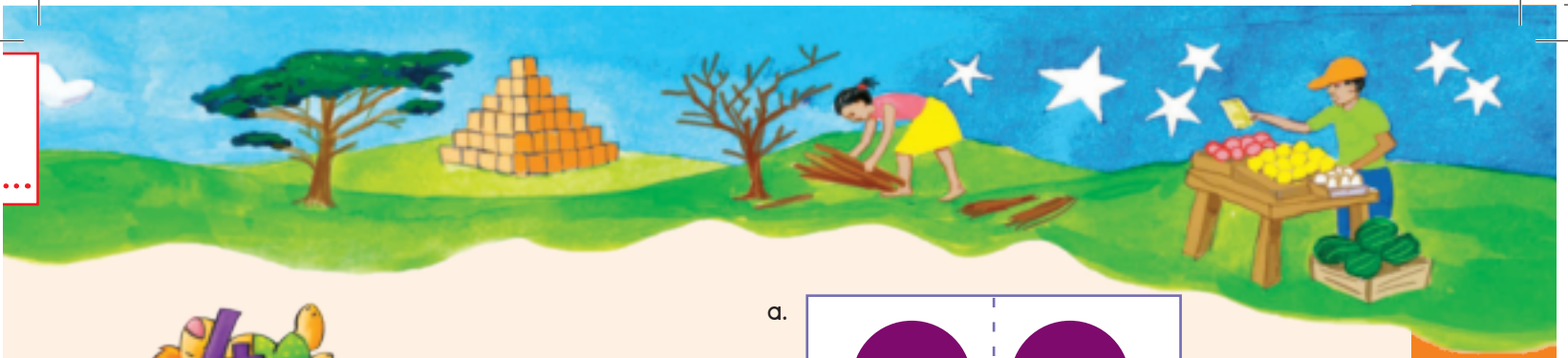


Ingabe umuda omacaphaza mumuda owenza kobana kulingane nca zoke? Ndulungela (Iye) nawuvumako namkha (Awa) nawulandulako.



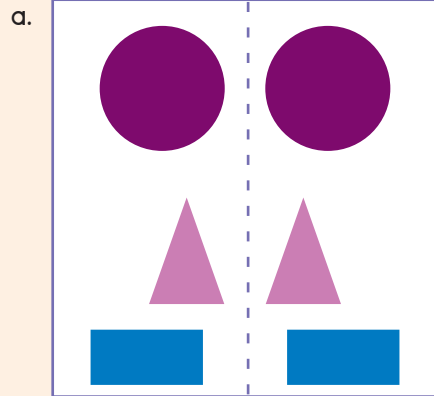
Ingabe lowo mumuda olinganisa nca zoke? Kungani utjho njalo?



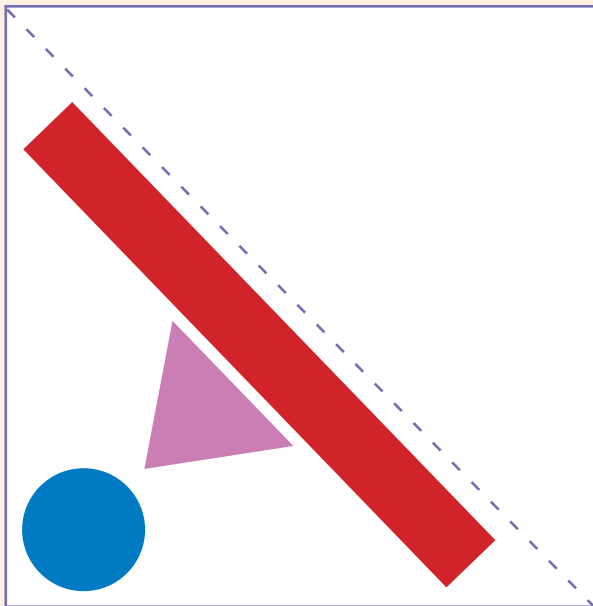


Gwala amajamo ukwenza isithombe silingane nca zoke.

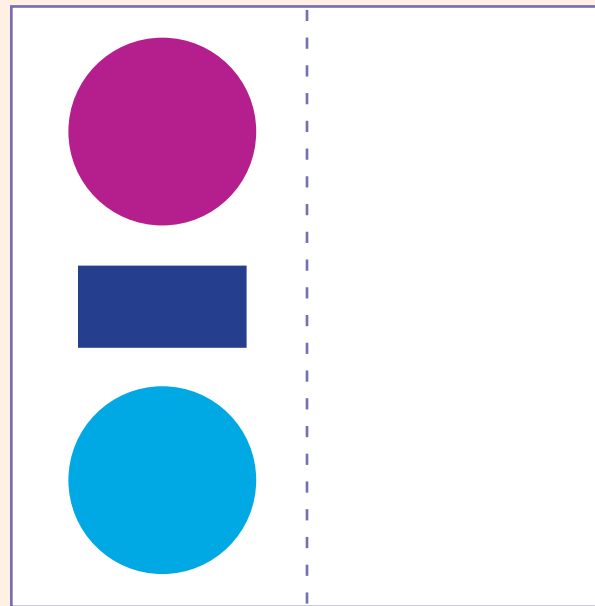
Sewenzelwe isibonelo.



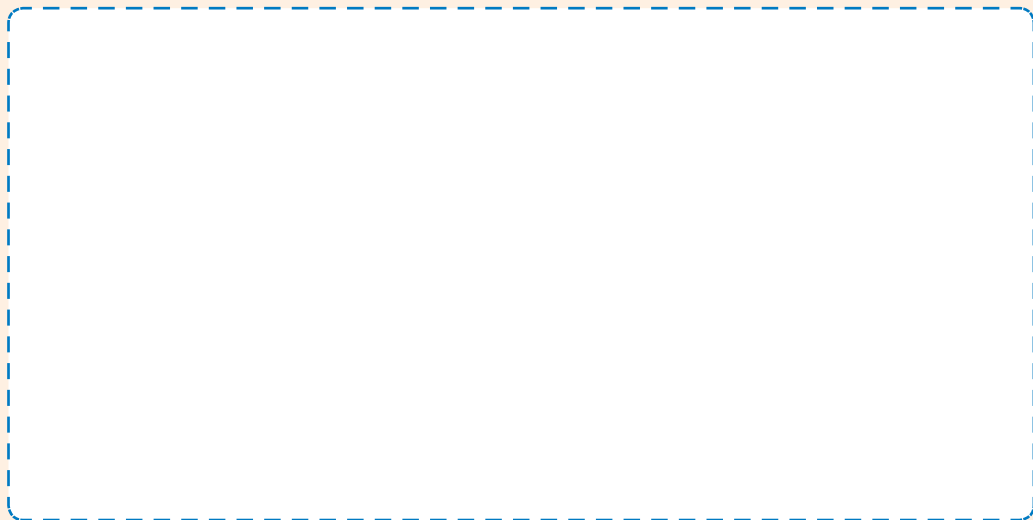
b.



c.



Zenzele wakho umuda olingana nca zoke usebenzisa amajamo.



49

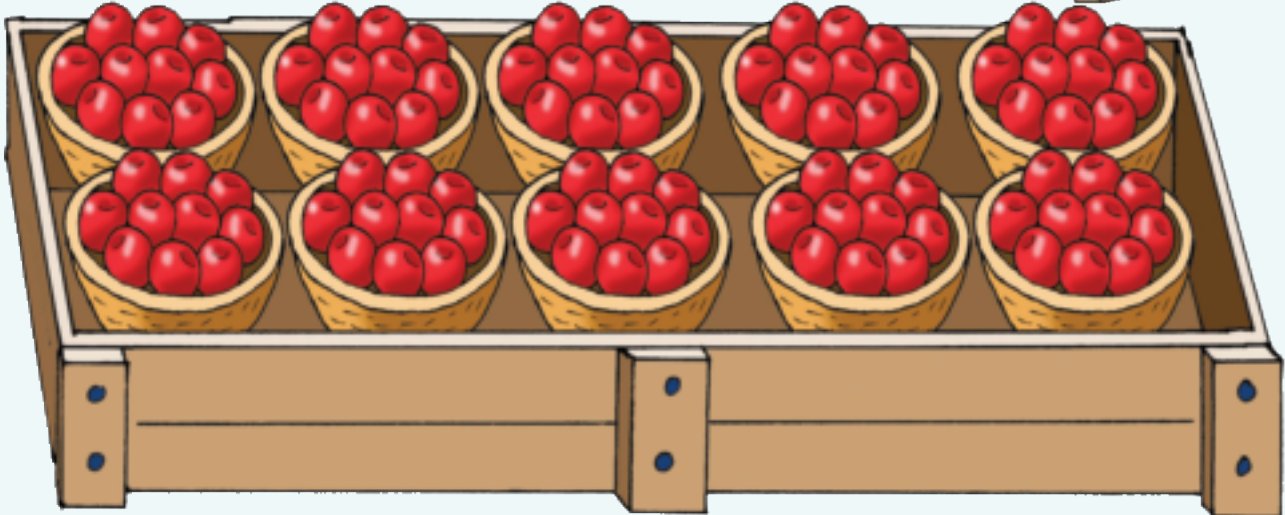
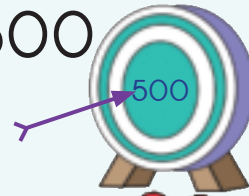
Ilanga:

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. |

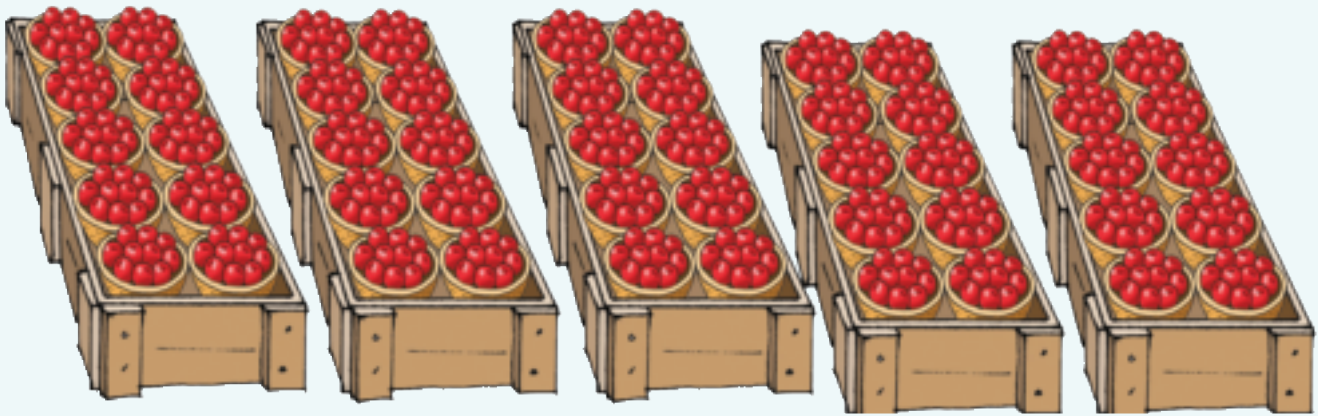


Kunama-apula ali-10 ngemantjini mu-l.

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

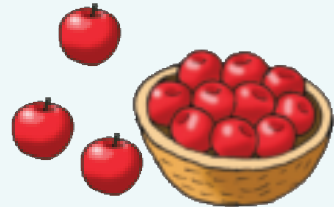
Ukubuyabuyelela kanye nokwehlukana (ngokuli -10)





Ukubala ama-apula.

Zalisa ithebula.

Bangaki abomantji abafaka ama-apula?

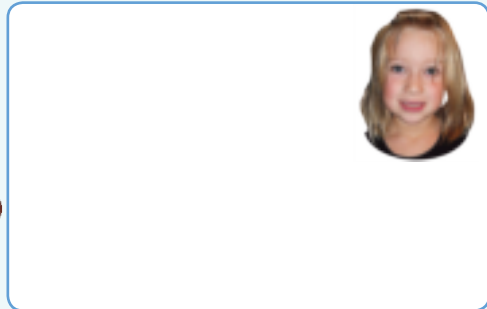
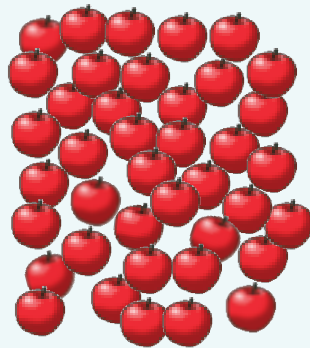


| | | | | | |
|---|----|----|----|----|--------------------|
| Ama-apula  | 10 | 20 | 30 | 40 | 50 |
| Iimantji  | 1 | 2 | | | |
| ÷ isibalo | | | | | $50 \div 10 = 5$ |
| × isibalo | | | | | $5 \times 10 = 50$ |



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

a.



Tjhega ipendula.

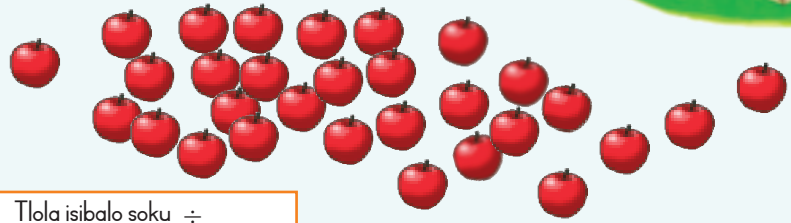
÷ =

× =

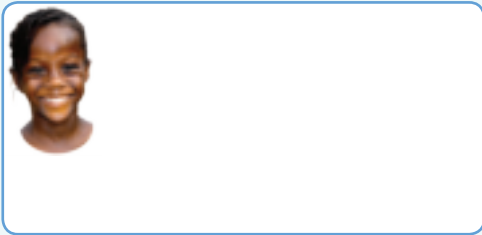




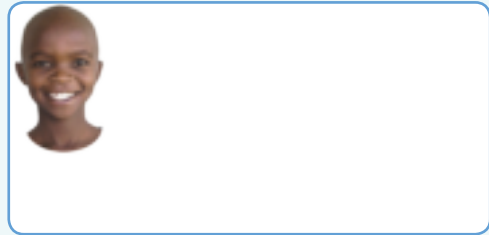
b.



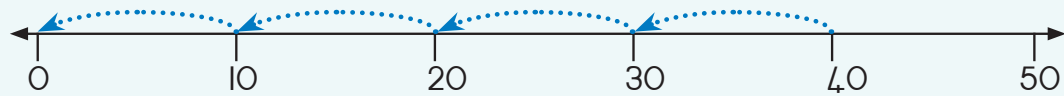
Tlola isibalo soku ÷



Tlola isibalo soku × ukuze
uhlolise iimpendulo zakho.

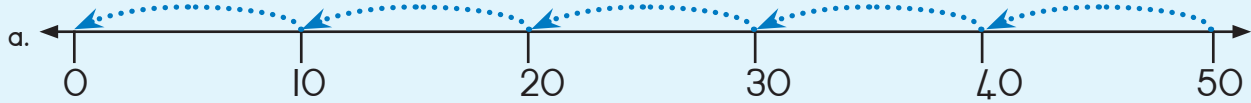


Sebenzisa iinomboro ukuzenzela yakho imitjho yeenomboro.



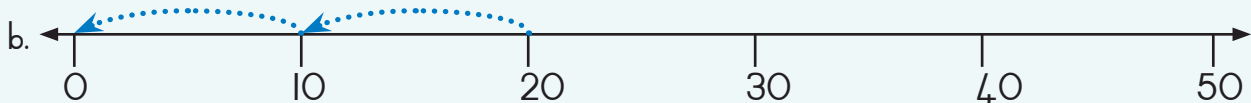
÷ $40 \div 10 = 4$

× $4 \times 10 = 40$



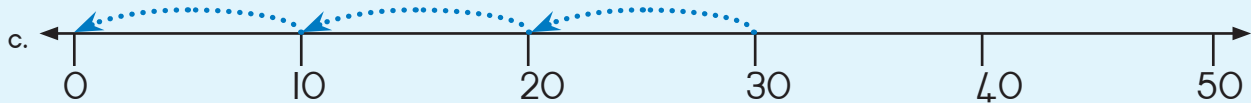
÷

×



÷

×



÷

×



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? _____

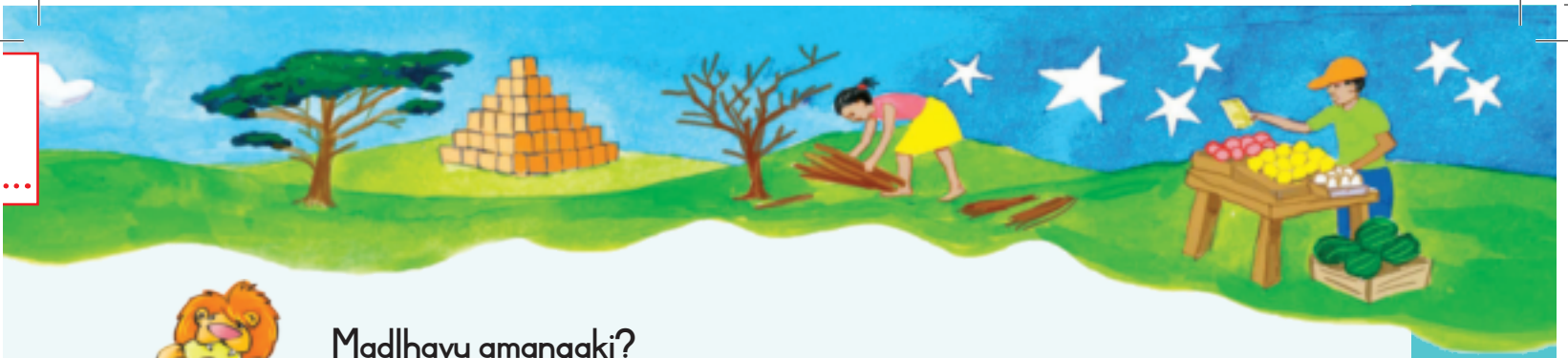
c. Mimida emingaki? _____

d. Madlhavu amangaki nasele awoke? _____

e. Tjengisa kobana uyisebenze kunjani.

f. Tlola ipendulwakho njengomutjho weenomboro.











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



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.



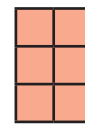
$$6 \times 1 = 6$$

Ngingenza imida emi-2 ngamathayilesi ama-3 emudeni.



$$3 \times 2 = 6$$

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

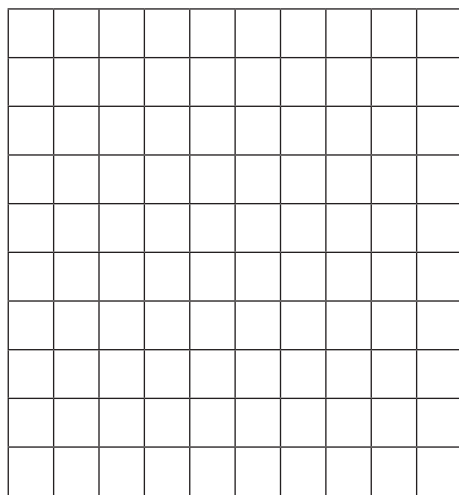


$$2 \times 3 = 6$$

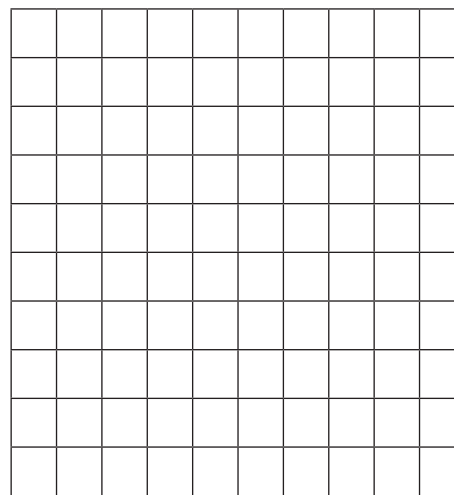
Kwanjesi lidlhego lakho!

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

iinkwere ezi-8



iinkwere ezili-9



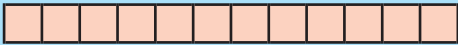
Tlola iinomboro zemitjho emdwebeni ngamunye.



Hlela amathayilesi ali-12

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

Tlola inomboro yomitjho wendlela ngayinye.

| | |
|---|--|
| Isibonelo:  | $1 \times 12 = 12$ $12 \times 1 = 12$ |
| | |
| | |



Hlela amathayilesi ama-24

- Sebenzisa igridi 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



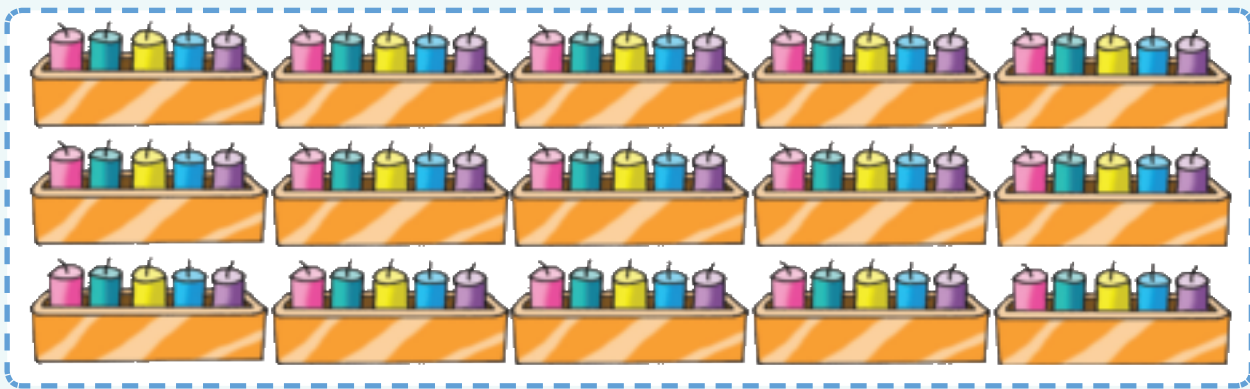
Yazi ku-5 kwakho

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.

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

$2 \times R5 =$

$4 \times R5 =$

Uyayibona iphetheeni?

$6 \times R5 =$

$8 \times R5 =$



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

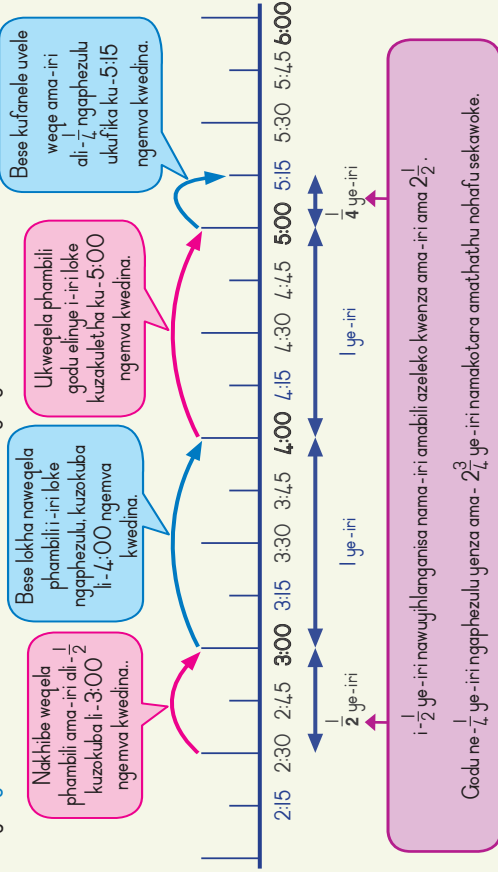
| | | | | |
|------------------------|--|---------------------------------------|-------|------|
| | | | | |
| Siquntu ngemva kwele-5 | Yikotara ngaphambi kwele-tjumi nalinye | Yikotara ngemva kweletjumi nambili-12 | 12:45 | 6:15 |
| | | | | 4:30 |



Umraro wesikhathi

Umma kaNomso usuka ekhaya nge-2:30 ngemva kwedina. Ubuya nge-5:15 ntambama. Ukhambe isikhathi esingangani?

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



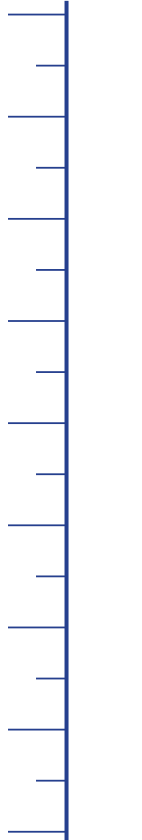
Imiraro yesikhathi

Hlolisa Madanisa. Lungisa.

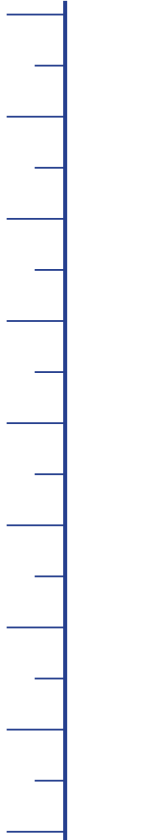
Sombulula umraro ngamunye. Sebenzisa imida yesikhathi ukukusiza.



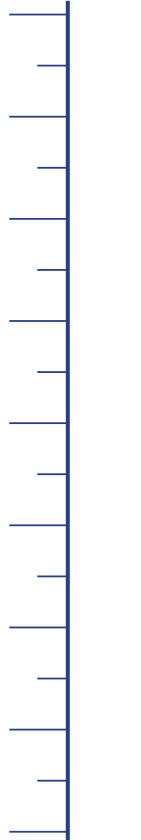
a. UQueenie uvakotjhela uyise etliniga nge-15:45 ngemva kwedina. Usuka nge-17:15. Uvakotjhe isikhathi esingangani?



b. U Musa uya ephageni nge-10:45. Ubuya 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.
 $21 \times 7 = \square$ $3 \times 7 \times 3 = \square$ $3 \times 4 \times 2 = \square$ $21 \times 3 = \square$



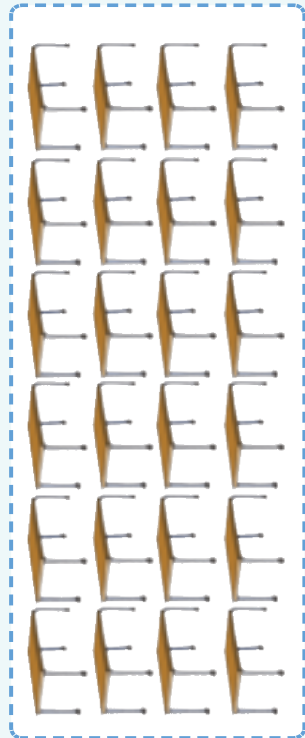
Milenze emingaki?

Cabanga masingyana.
Cabanga kuhlle.

| | | | | | |
|---------------|------------|------------------|----------|------------------|----------|
| Iipoto yi-1 | 3 imilenze | Iimpoto ezili-10 | imilenze | Iimpoto ezi-5 | imilenze |
| Iimpoto ezi-2 | imilenze | Iimpoto ezili-15 | imilenze | Iimpoto ezili-12 | imilenze |
| Iimpoto ezi-5 | imilenze | Iimpoto ezili-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: _____



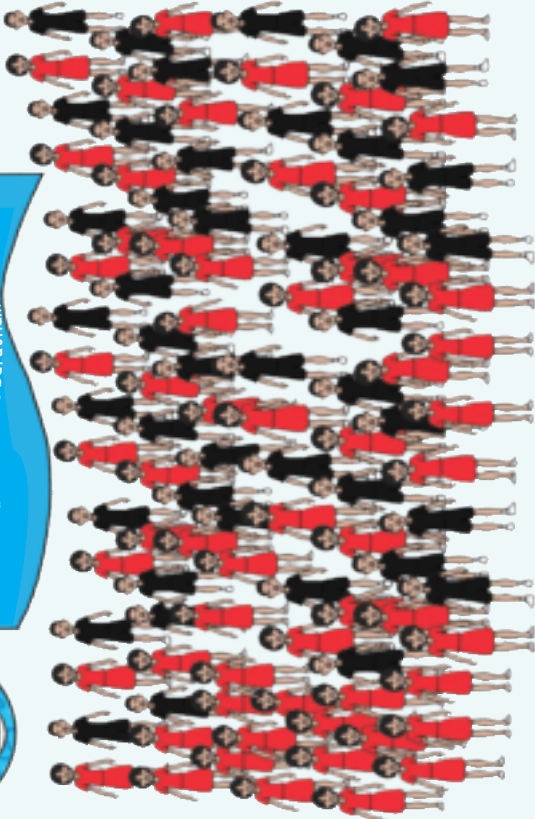
Ukubala ngama-50

Umntwana muniye, ingubo yinye!

Bangaki abentwana? Linganisa, bese uyabala.



Ngubo yethamba
Bulunga abentwana
bethu bahalele 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 sakaThembi
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.



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

- Zingaki iimbhola ngebhokisini elinye nelinye?
- Zingaki iimbhola ezingebhokisini eliphephuli?
- Imbhola ezingebhokisineliphephuli lenza cezu bani?

- Zingaki iimbhola ngakelinye nelinye bhokisi?
- Zingaki iimbhola ngebhokisini eliphephuli?
- Imbhola ezingebhokisini eliphephuli lilicezu bani?



Qala isithombe ngasinye bese uphendula imibuzo.

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

Ubalale iizingqi ezingaki?

Iyini i- $\frac{1}{2}$ yeejingi?

Iyini i- $\frac{2}{4}$ yeejingi?

Iyini i- $\frac{3}{4}$ yeejingi?

Iyini i- $\frac{4}{4}$ yeejingi?



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

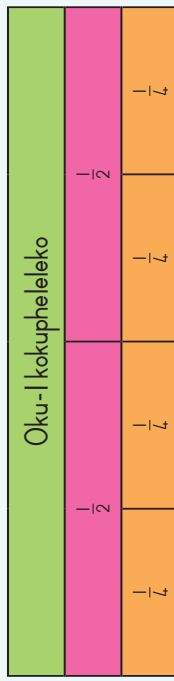
| | | |
|--|--|--|
| | | |
| | | |
| | | |
| | | |

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?

b. Qala amadayagramu bese utlola icezu lengcnye efiphaziweko.

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



Teacher:

Sign:

Date:

Ilanga:

Amacezu: abohafu, kunye kokuthathu kanye nokukodwa kokwesithandathu

Yehlukanisa amatotikoti (amasilinda) ngokulinganako uwafake ngembhoksini.

| | | |
|---|--|---|
| | | |
| | | |
| <p>Inani leembholo:</p> <ul style="list-style-type: none"> Zingaki imbholo ngebhoksini elinombala oluphehuli? Licezu bani elingaphakathi kwebhoksi eliphehuli ngombala? | <p>12</p> <p>6</p> <p>$\frac{1}{2}$</p> | <p><input type="text"/></p> <p><input type="text"/></p> <p><input type="text"/></p> |

Qala iintombe bese uphendula imibuzo.

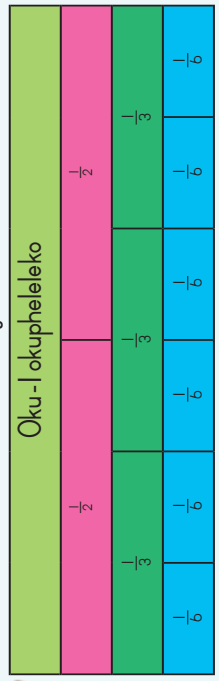
| | | |
|--|--|--|
| | | |
| <p>Ubalale iyingi ezingaki?</p> | <p>Yini i-$\frac{1}{3}$ yeeyingi?</p> | <p>Yini i-$\frac{2}{3}$ yeeyingi?</p> |
| <p><input type="text"/></p> | <p><input type="text"/></p> | <p><input type="text"/></p> |
| <p>Yini i-$\frac{1}{2}$ yeeyingi?</p> | <p>Yini i-$\frac{2}{3}$ yeeyingi?</p> | <p>Yini i-$\frac{2}{3}$ yeeyingi?</p> |
| <p><input type="text"/></p> | <p><input type="text"/></p> | <p><input type="text"/></p> |



- 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.

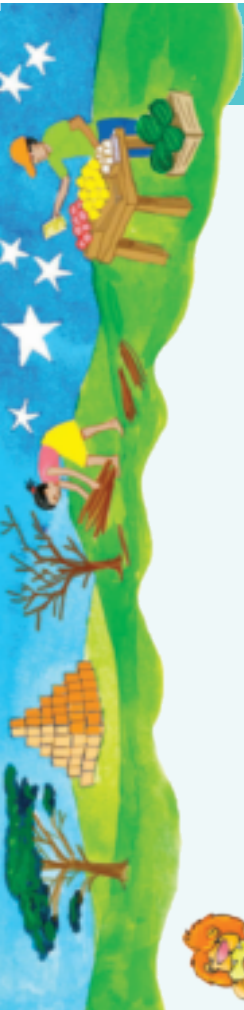
Mangaki amatjhokolede ngebhokisini?

- 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?

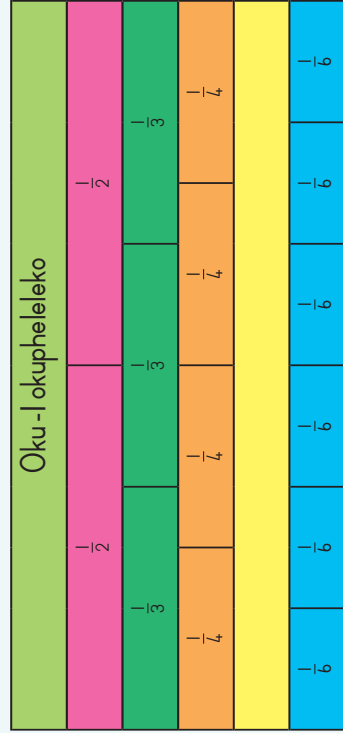


Faka umbala isisetjenziswa sokumeda, isilinganiso e- $\frac{1}{5}$.

a.



Qala umtletlana wamacezu bese uphendula imibuzo.



Ndulungela: okukhulu nanyana okuncani

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



Teacher: _____
Sign: _____
Date: _____

Ilange:

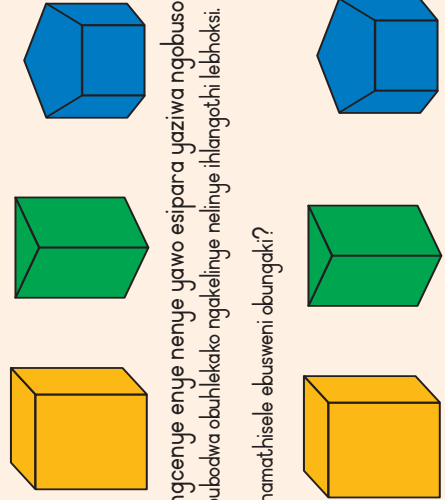
Izinto ezima -3D



- 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?

Ikhyubhu Iphrizima Iphrizima

Ingabe ubuso iphrizima busipara nanyana bujijikeleza?

Kwanjisi yenza isilinda ngosika - 4

Ingabe ubuso besilinda busipara nanyana bujijikeleza.

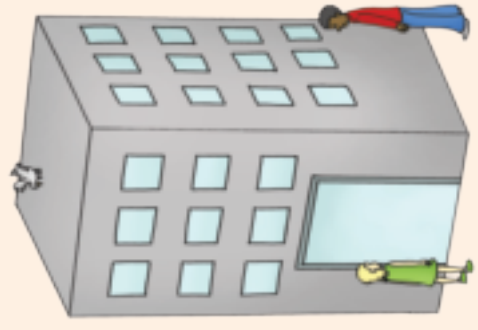
Sebenzisa izinto zakho ukwakha okulandelayo:

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



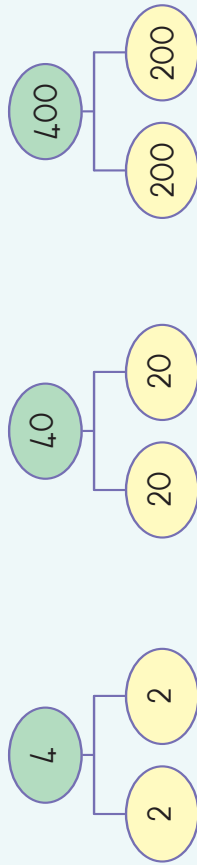
Teacher: _____
Sign: _____
Date: _____

Ilanga:

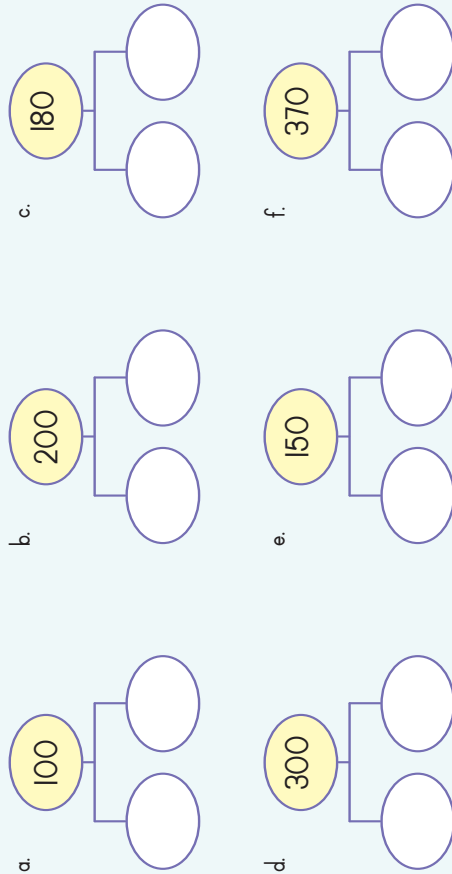
Ukubuyelela kabili nokuhafula

- 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

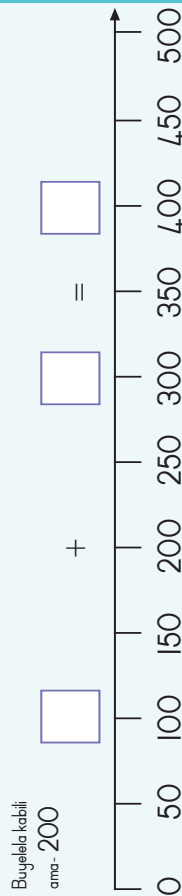
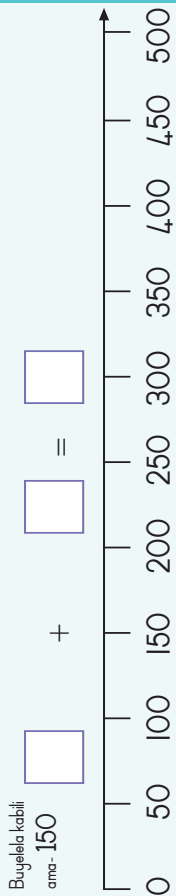
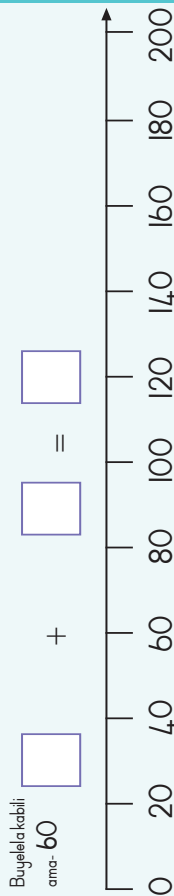
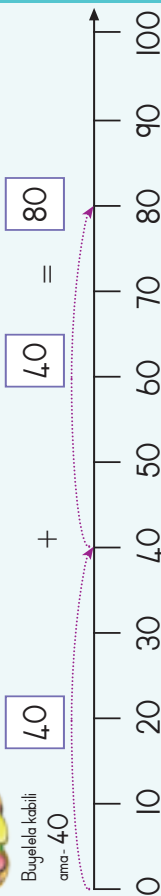
Singakutjengisa lokhu ngomgwalo...



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

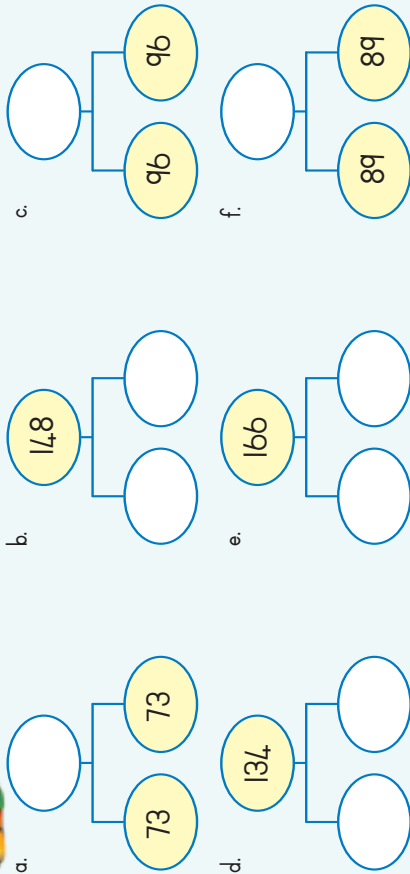
| | |
|-----------------|-----|
| a. Hafula u-220 | 110 |
| b. Hafula u-180 | |
| c. Hafula u-260 | |
| d. Hafula u-60 | |
| e. Hafula u-320 | |

Teacher: _____
Sign: _____
Date: _____

Ilange:

Okhanye ukubuyelela kabili nokuhafula

Fumana okubuyelelwe kabili namkha abohafu



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. Inqubo R190 Inani lokuthengisa _____ | b. Amalagani R154 Inani lokuthengisa _____ |
| c. Imisamelo R54 Inani lokuthengisa _____ | d. Intjulo R220 Inani lokuthengisa _____ |

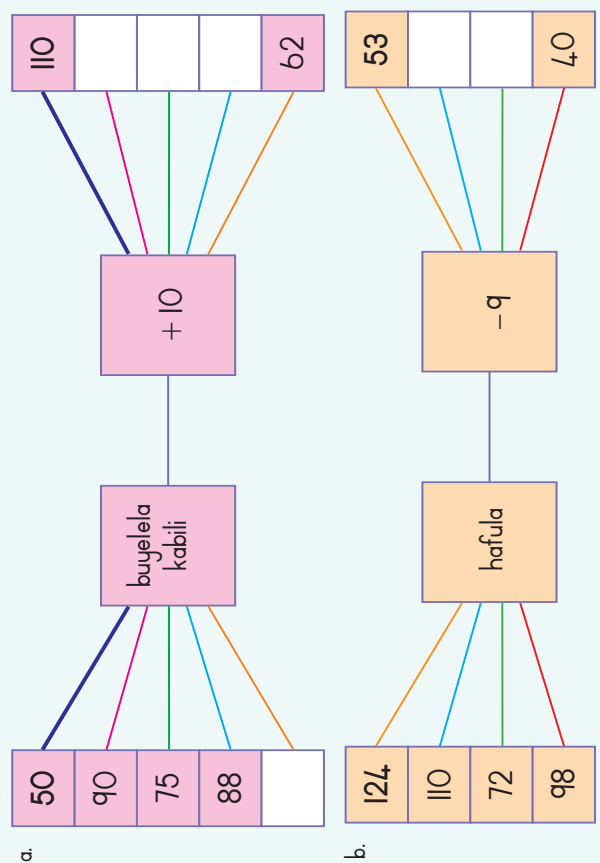
Yehlele R750
Ngehafu lenani: gade iji -R900

Maranda amangaki?

| | | |
|--|--------|---|
| | R135 | UMusa ufuna irhembe. Unemali eyihafu kwaphela. Ingabe usatlhayela ngamlini? R _____ |
| | R78.50 | 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 _____ |

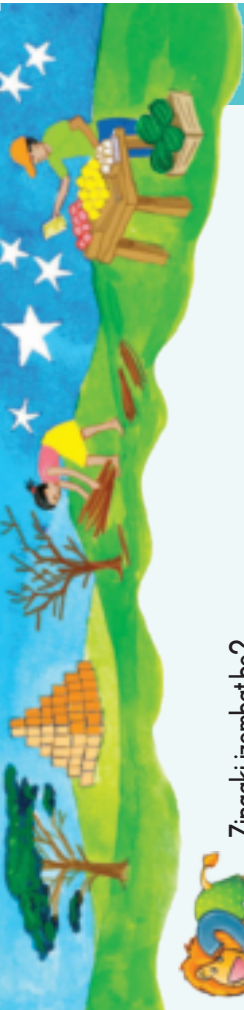
Ngikuphi okungena ngaphakathi? Ngikuphi okuphumela ngaphandle?

Landela isibonelo. Zalisa iinomboro ezitlhayelako.



Teacher: _____
Sign: _____
Date: _____

Itanga:



Ukuhlela ngokweenqhema nokuhlanganisa



Hlela abentwana ngokweenqhema

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



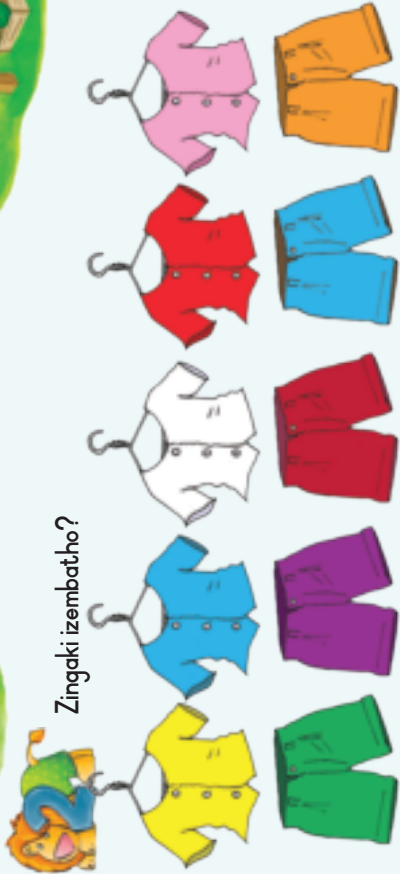
a. Bala abentwana

b. Wenza iqhema ezingaki?

c. Tjengisa zoke ezinye iindlela uKkz. Ndaba angazisebenzisa ukuhlela abentwana ngeenqhema?

Tjhega, Madanisa, Lungisa.

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-oron-tji.

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

Blank lines for writing answers to the clothing activity.

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:



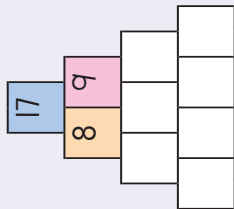
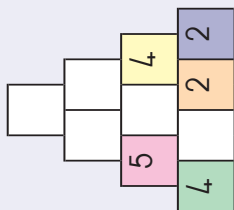
Ukuzithokozisa ngezibalo

Qala umthetho

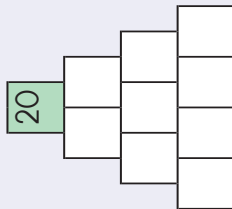
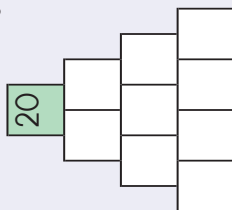
Sebenzisa umthetho ukufunyanisa inomboro ezithayelako.



Kwanje yenza lokhu.



Yakha ufike ema-20 ngeendlela ezahlukeneko.



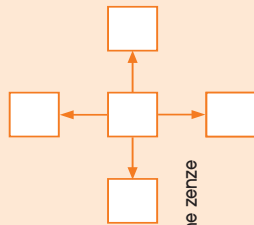
Iselele

Akhe ucabange

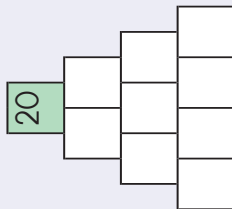
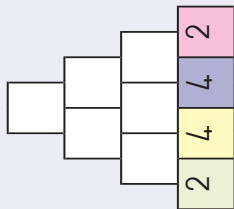
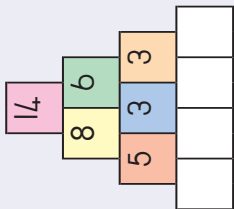
Sebenzisa inomboro-1, 2, 3, 4, naku-5.

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.

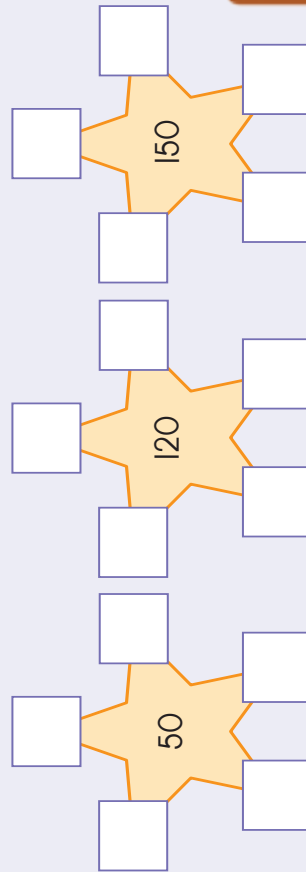
| | | | |
|---|---|---|---|
| 2 | 5 | 3 | 6 |
| | | | 2 |
| | | 2 | |

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 ezihlanganiswe 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 |

