

### Kufundza ngeMtsetfo Sisekelo weNingizimu Afrika (1996)

UMtsetfo-sisekelo waseNingizimu Afrika (1996) ucuketse imitsetfo lesetulu yelive. Lemitsetfo ingetulu ngisho kwamengameli welive, tinkantolo kanye nahulumende. Ichaza kutsi bantfu belive kumele baphatsane njani, nekutsi ayini emalungelo abo kanye nemitfwalo labanayo ngalabanye. UMtsetfo Sisekelo welive ukhonela kusivikela sonkhe nyalo kanye nebantfwabetfu ngakusasa.

Kufute sati ngelimuva letfu.

Asingawaphindzi emaphutsa ayitolo.

uMtsetfo Sisekelo usisita kutsi sicabange futsi sakhe likusasa lelihle lakhe wonkhe umuntfu.

Tsine, bantfu baseNingizimu Afrika;

Siyakubona kungabi khona kwebulungiswa esikhatsini lesengcile;

Setfulela sigcoko labo labahlukunyetwa kuze sitfole bulungiswa nenkhululeko eveni letfu;

Sihlonipha labo labasebentile kwakha nekutfufukisa live letfu;

Siyakholwa futsi kutsi iNingizimu Afrika yabo bonkhe labahlala kuyo, sihlange nekweluhlukahlukana kwetfu.

Ngaloko-ke, ngetifunyuwa lesitikhetsela tona ngenkhululeko, siyawemukela loMtsetfo-sisekelo njengemtsetfo lophakeme kunayo yonkhe eRiphabhulikhi kuze—

Kupheliswe kwehlukana kwayitolo futsi kwakhiwe umphakatsi losekelwe yintsandvo yelinyenti, bulungiswa ekuphileni kanye nemalungelo-sisekelo ebuntfu;

Kubekwe sisekelo semphakatsi wentsandvo yelinyenti, longenamfihlo laphe khona hulumente abekwe ngetifiso tebantfu futsi sonkhe sakhamuti ngalokulinganako sivikelwe ngumtsetfo;

Kwentiwe ncono lizinga lemphilo yetakhamuti tonkhe futsi kukhululwe emakhono emuntfu ngamunye; futsi

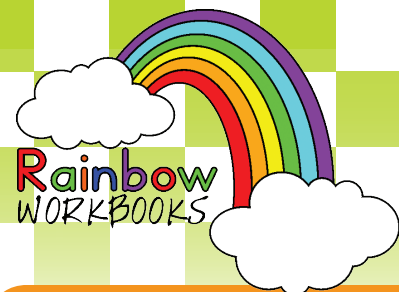
Kwakhiwe iNingizimu Afrika lehlange futsi yentsandvo yelinyenti lekwati kutsatsa indzawo yayo leyiyifanele njengelive lelitibusako njengawo onkhe emave latibusako.

Tsatsa lilungelo lakho njengemuntfu waseNingizimu Afrika bese utsatsa sigaba sakho kuvikela emalungelo alabanye.

Wati uMtsetfo Hlongotwako wemalungelo akho kanye neMtsetfo Hlongotwako weMtfwalo lobhekene nemuntfu.

Nkulunkulu akabusise bantfu bakitsi  
Nkosi Sikelel' i-Afrika. Morena boloka setjhaba sa heso.  
God seën Suid-Afrika. God bless South Africa.  
Mudzimu fhatutshedza Afurika. Hosi katekisa Afrika.

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MATHEMATICS IN SISWATI  
GRADE 2 – BOOK 1  
TERMS 1 & 2

ISBN 978-1-4315-0001-7

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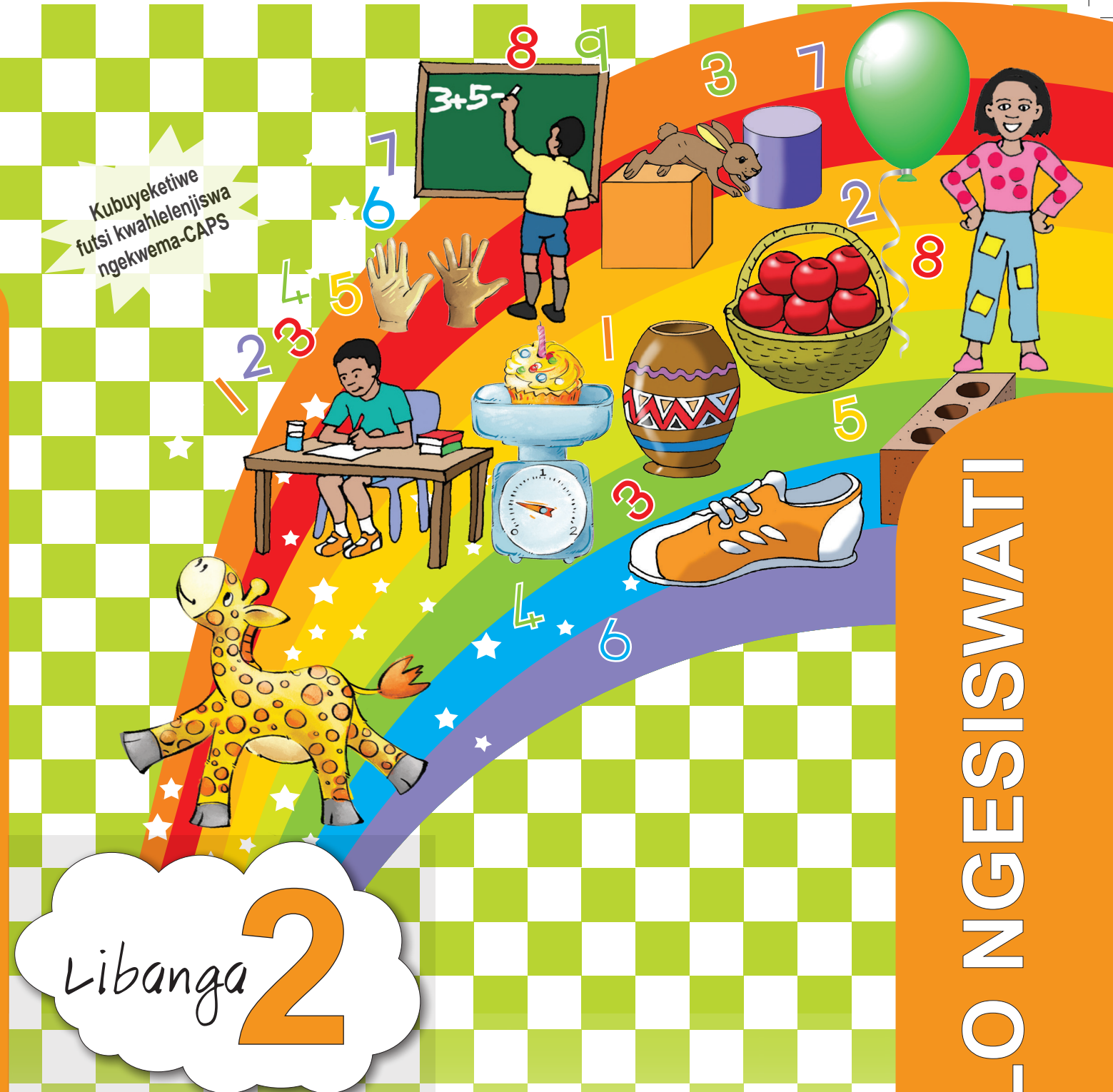
15th Edition



TIBALO NGESISWATI – Libanga 2 Incwadzi I

ISBN 978-1-4315-0001-7

Kubuyeketiwe futsi kwahlelenjiswa ngekwema-CAPS



Libanga 2

Ligama:

Likilasi:



basic education

Department:  
Basic Education  
REPUBLIC OF SOUTH AFRICA

TIBALO NGESISWATI

Incwadzi I  
Emathemu  
1 & 2



# Lokucuketfwe

| Inombolo | Sihloko                           | Likhasi |
|----------|-----------------------------------|---------|
| 1        | Mine nemndeneni wami              | 2       |
| 2        | Kubala                            | 4       |
| 3        | Tinombolo                         | 6       |
| 4        | Tinombolo letinye                 | 8       |
| 5        | Kuhlanganisa nekususa             | 10      |
| 6        | Kwabelana nemali                  | 12      |
| 7        | Emaphethini                       | 14      |
| 8        | Bobunjwa                          | 16      |
| 9        | Emabhola nemabhokisi              | 18      |
| 10       | Budze                             | 20      |
| 11       | Sisindvo                          | 22      |
| 12       | Umtsamo                           | 2°      |
| 13       | Sikhatsi                          | 26      |
| 14       | Ikhelenda Yetinsuku Tekutalwa     | 28      |
| 15       | Gcogca uphindze uhlunge           | 30      |
| 16       | Fundza uphindze uhumushe          | 32      |
| 17       | Ngembili, emkhatsini nasemuva     | 34      |
| 18       | Tinombolo 1 – 30                  | 36      |
| 19       | Imigca - nombolo                  | 38      |
| 20       | Imigca - nombolo leyengeziwe      | 40      |
| 21       | Kuhlanganisa nekususa             | 42      |
| 22       | Emalanga, emaviki netinyanga      | 44      |
| 23a      | Kuhlanganisa                      | 46      |
| 23b      | Kususa                            | 48      |
| 24       | Kabanti ngekwengeza               | 50      |
| 25       | Imali                             | 52      |
| 26       | Imali yeliphepha                  | 54      |
| 27       | Emaphethini                       | 56      |
| 28       | Lokwengetiwe ngemaphethini        | 58      |
| 29       | Kuphindzaphindza: $\times 2$      | 60      |
| 30       | Kuphindzaphindza: $\times 5$      | 62      |
| 31       | Tindzaba ngekuphindzaphindza      | 64      |
| 32       | Timo sakhiwo letibusontsatfu (3D) | 66      |

| Inombolo | Sihloko                                         | Likhasi |
|----------|-------------------------------------------------|---------|
| 33       | Hlela ucatsanise tinombolo: 1 – 40              | 68      |
| 34       | Hlela ucatsanise: 40 – 50                       | 70      |
| 35       | Tinombolo 40 – 50                               | 72      |
| 36       | Tikwele, bocalandze, bocalantsatfu netindilinga | 74      |
| 37       | Kuhlanganisa nekususa kufika ku 20              | 76      |
| 38       | Kuhlanganisa nekususa kufika ku 50              | 78      |
| 39a      | Kuhlanganisa lokwengetiwe                       | 80      |
| 39b      | Kuhlanganisa lokwengetiwe (kuyachutjekiswa)     | 82      |
| 40       | Budze                                           | 84      |
| 41       | Kususa (kuyachutjekiswa)                        | 86      |
| 42a      | Lokunye ngekususa                               | 88      |
| 42b      | Lokwengetiwe ngekunciphisa                      | 90      |
| 43       | Kwesindza nebumalula                            | 92      |
| 44       | Emaphethini etinombolo: ngakubili               | 94      |
| 45       | Kuphindza kabili                                | 96      |
| 46       | Phindza kabili futsi                            | 98      |
| 47       | Phindza kabili                                  | 100     |
| 48       | Phindza kabili: siyachubeka                     | 102     |
| 49       | Kwekuphatsa nemtsamo                            | 104     |
| 50       | Kuphindzaphindza: $\times 3$                    | 106     |
| 51       | Emaphethini etinombolo: ngakutsatfu             | 108     |
| 52       | Kuphindzaphindza: $\times 4$                    | 110     |
| 53       | Emaphethini etinombolo: Ngakune                 | 112     |
| 54       | Tindzaba ngekuphindzaphindza                    | 114     |
| 55       | Ema-awa                                         | 116     |
| 56       | Emaphethini etinombolo: ngesihlanu              | 118     |
| 57a      | Imizuzu                                         | 120     |
| 57b      | Siyachubeka ngemizuzu                           | 122     |
| 58       | Kubeka ngemacambu nekwabelana                   | 124     |
| 59       | Siyachubeka nekubutsanisa nekwaba               | 126     |
| 60       | Asichubeke nekubutsanisa nekwaba                | 128     |
| 61       | Kubutsanisa nekwabelana                         | 130     |
| 62       | Bohhafu: 1 – 20                                 | 132     |
| 63       | Kwabelana 20 – 50                               | 134     |
| 64       | Imininingwane                                   | 136     |
|          | Lokujutjiwe 1                                   |         |
|          | Lokujutjiwe 2                                   |         |



Nkhskt. Angie Motshekga,  
iNdvuna yeMfundvo Sisekelo



Dkt Reginah Mhaule, Liphini  
leNdvuna yeMfundvo Sisekelo

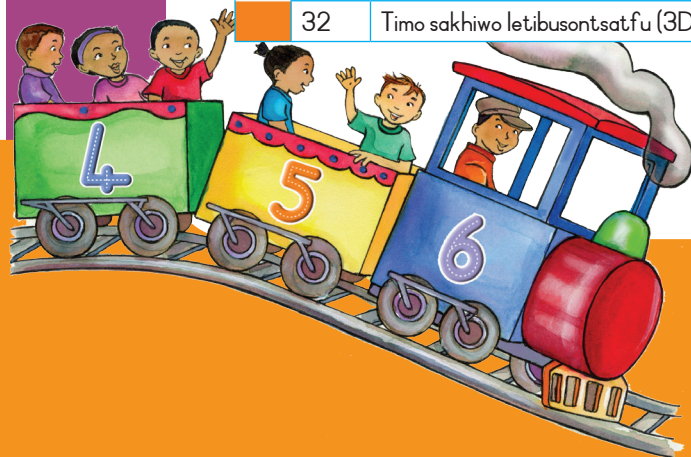
Letincwadzi tekusebentela tikhicitelwe bantfwana baseNingizimu Afrika ngekuholwa yiNdvuna yeTemfundvo Sisekelo, Nkhskt Angie Motshekga akanye neLiphini lakhe Dkt Reginah Mhaule.

LeTincwadzi Tekusebentela takaRainbow tiyincenye yemitamo yaleLitiko leTemfundvo Sisekelo yekutfutukisa bafundzi baseNingizimu Afrika emabangeni ekucala lasitfupha ekufundza. Njengalomunye wemigomo lehamba embili eLuhlelweni lweKusebenta lwaHulumende, lomsebenti ukhokhelwe ngesihle Silulu seTimali saVelonkhe. Ngenca yalokusekelwa ngetimali, leLitiko leTemfundvo liphumelele kwakha letincwadzi ngato tonkhe letilwimi letisemtsetfweni kulelive.

Siyetsemba kutsi bothishela batatitfolo tilusito kakhulu letincwadzi tekusebentela basafundzisa malanga onkhe kute bafundzi bakhone kucedza luhlelo lwabo lwekufundza. Setame, ngekuophelela lokukhulu, kusita thishela kuleyo naleyo ncenye yemsebenti, ngekusebentisa timphawu letititfombe kukhombisa umfundzi loko lokumele akwente.

Siyetsemba bantfwana nabo batakujabulela kusebentisa letincwadzi basachubeka nekukhula nekufundza; nekutsi bothishela batawutfofokota kanye nabo.

Sifisela bothishela nebafundzi imphumelelo basachubeka nekusebentisa letincwadzi tekusebentela.





Libanga 2



NGESISWATI

Lencwadzi ya:



SISWATI

Incwadzi





## Mine nemndeni wami

Ngineminyaka  
lesiphohlongo.



Inombolo yendlu  
yakitsi ngu 12.



Ngingulomncane  
emndenini  
wakitsi.



Nginabosisi  
lababili.



Babe wami  
uneminyaka lengu  
32.



Gcwalisa timphendvulo kulemibuto ngawe nangemndeni wakho.

Ligama lami ngu\_\_\_\_\_.

Ngineminyaka le\_\_\_\_\_.

Eminyakeni lemibili leyendlulile bengineminyaka le\_\_\_\_\_.

Emnyakeni lotako ngitawuba neminyaka le\_\_\_\_\_.

Ngihlala e\_\_\_\_\_.

Ngubani lomdzala emndenini wakho?\_\_\_\_\_

Bhala phasi kutsi uneminyaka lemingakhi. \_\_\_\_\_.

Ngubani lomncane emndenini wakini?\_\_\_\_\_

Bhala phasi kutsi uneminyaka lemingakhi \_\_\_\_\_.

Namuhla ngumhlaka\_\_\_\_\_.





Dvweba sitfombe semndeni wakho.

Large empty rectangular box for drawing or writing.



1 2 3 4 5 6 7 8 9



Teacher:

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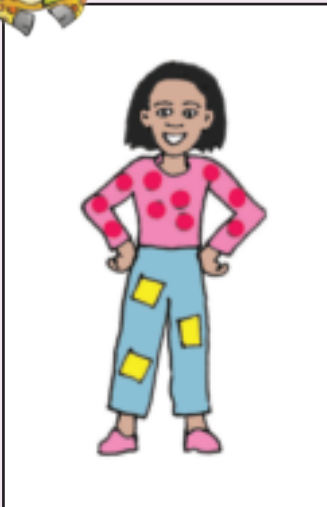
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11 12 13 14 15 16 17 18 19 20

# Kubala



Gcwalisa tikhala letingenalutfo.

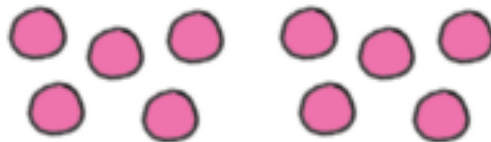


emehlo



2

emacashata



ticeshana



emehlo

emacashata

ticeshana

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





emehlo

emacashata

ticeshana

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emehlo

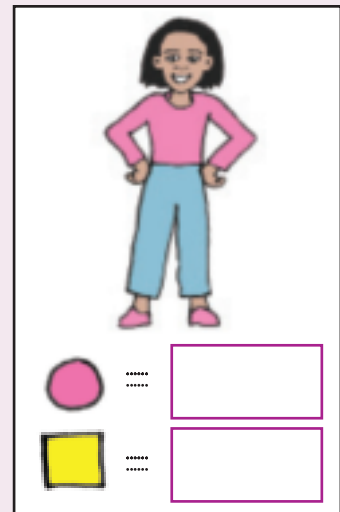
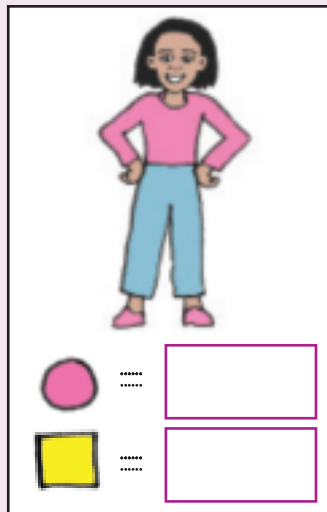
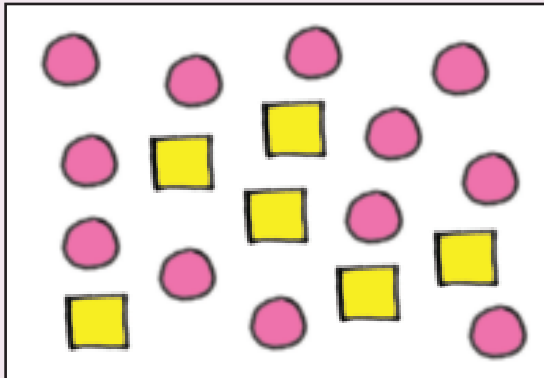
emacashata

ticeshana

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



Yaba lamacashata  
neticeshana  
ngalokulinganako.



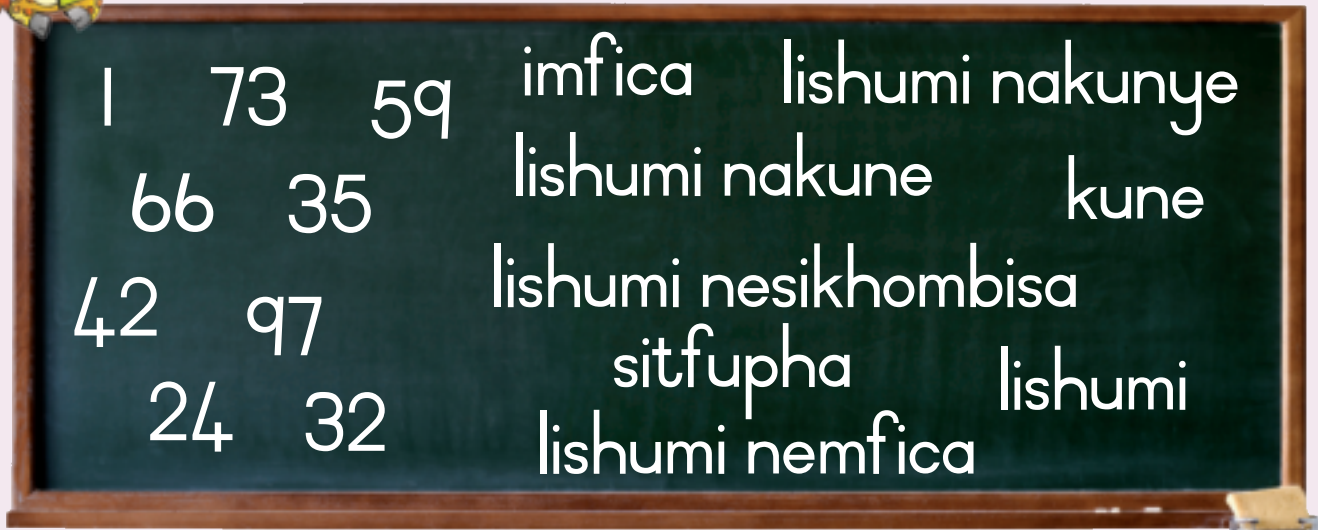
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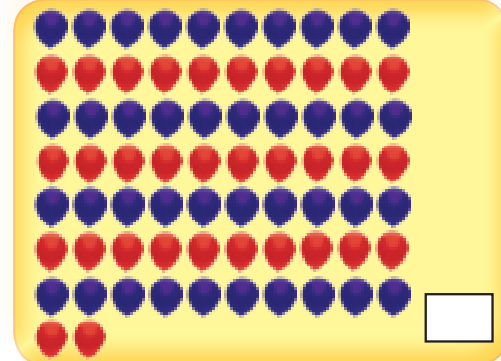
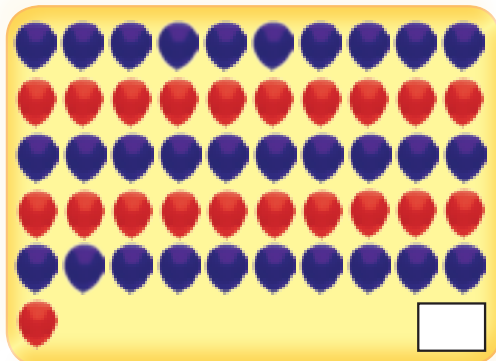
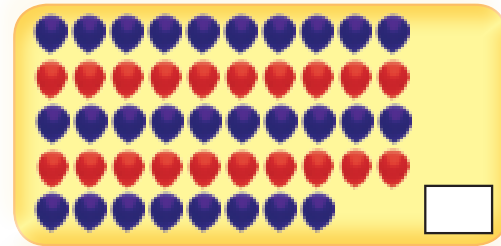
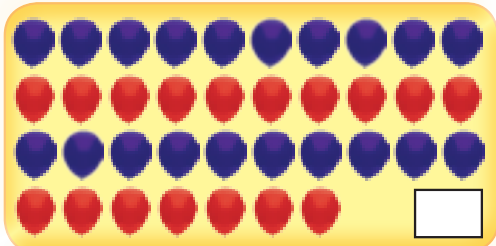
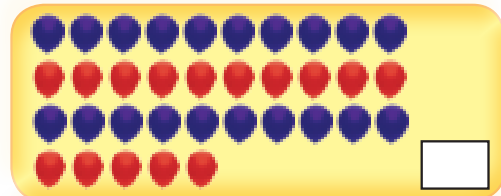
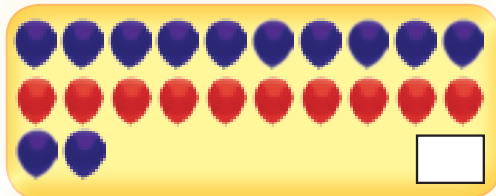
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## Tinombolo

Fundza letimphawu tetinombolo kanye nemagama ebhodini.



Bhala linani lemabhaluni esibayeni.







Bhala letinombolo letilandzelako ngemagama.

|    |       |    |       |
|----|-------|----|-------|
| 6  | _____ | 12 | _____ |
| 4  | _____ | 17 | _____ |
| 8  | _____ | 14 | _____ |
| 1  | _____ | 22 | _____ |
| 2  | _____ | 18 | _____ |
| 5  | _____ | 11 | _____ |
| 0  | _____ | 20 | _____ |
| 10 | _____ | 15 | _____ |
| 3  | _____ | 13 | _____ |
| 9  | _____ | 16 | _____ |



37 38 39 40 41 42 43 44

89 90 91 92 93 94 95 96



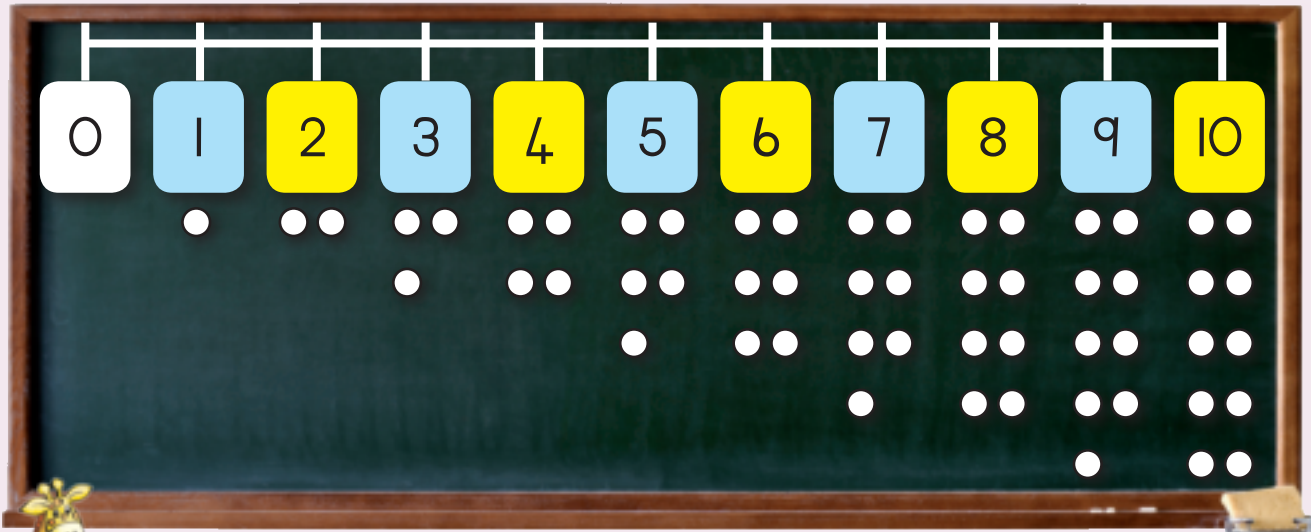
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Date:

11 12 13 14 15 16 17 18 19 20

## Tinombolo letinye



Dvweba  $\triangle$  etinombolweni leticondzile na  $\bigcirc$  etinombolweni lugweje.



leticondzile



lugweje

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

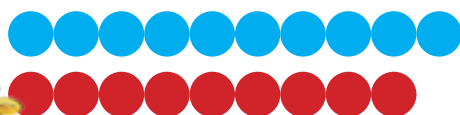
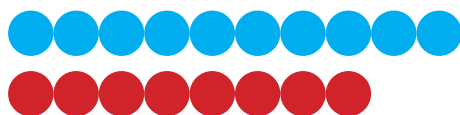
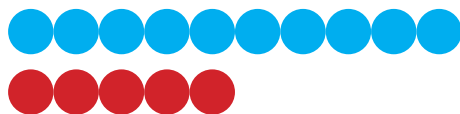


Faka tinombolo kuletindlu.





Bala lemibala lemibili yebuhlalu.



Itsini imphendvulo?

$$10 + 1 = \square$$

$$10 + 8 = \square$$

$$10 + 5 = \square$$

$$10 + 9 = \square$$

$$10 + 2 = \square$$

$$10 + 4 = \square$$

$$10 + 6 = \square$$

$$10 + 3 = \square$$

$$10 + 7 = \square$$

Bhala inombolo yelinani ngalinye.

$$10 + 2 = 12$$

$$10 + 3 = \square$$

$$10 + 5 = \square$$

$$10 + 8 = \square$$

$$10 + 9 = \square$$

Singayibhala kanje.

$$10 + 2 = 12$$

$$\square + \square = \square$$

$$\square + \square = \square$$

$$\square + \square = \square$$

$$\square + \square = \square$$



1 3 5 7 9 11 13 15 17 19

2 4 6 8 10 12 14 16 18 20



Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

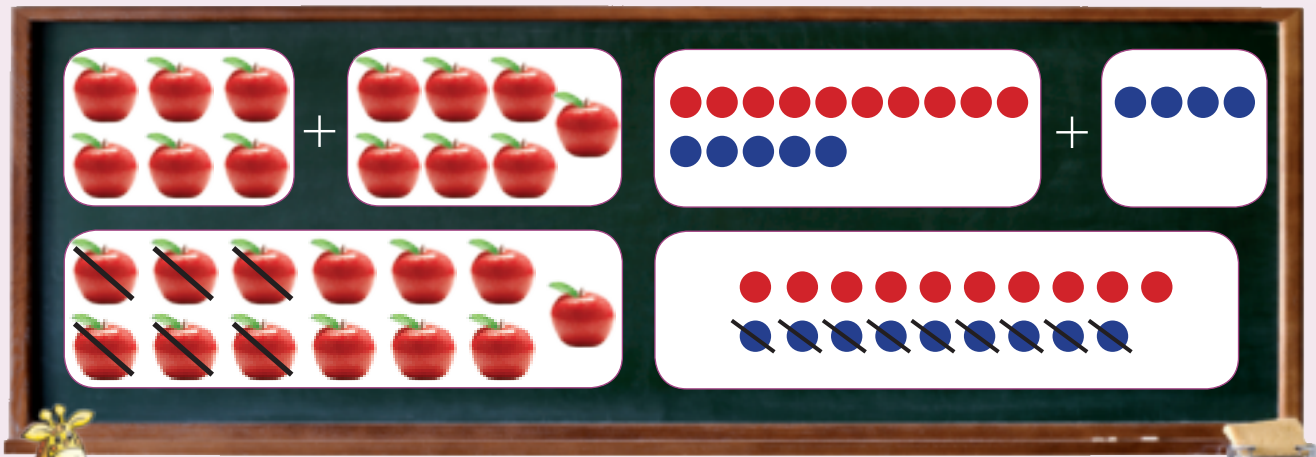


5

Ithemu I

# Kuhlanganisa nekususa

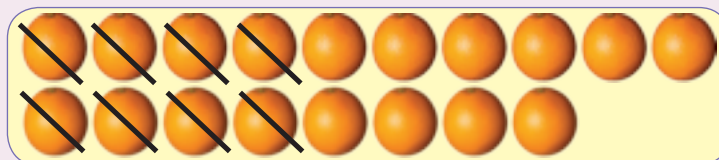
Lusuku:



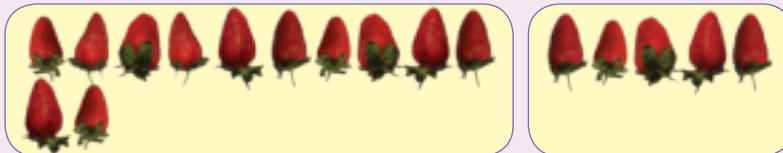
Hlanganisa uphindze ususe.



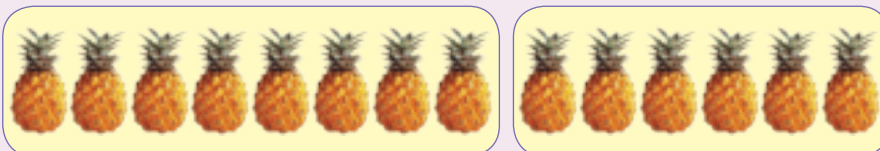
$$9 + 8 = \boxed{17}$$



$$18 - 8 = \boxed{\phantom{00}}$$



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



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



Bala.



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

$$6 + 5 = \boxed{\phantom{00}}$$

$$8 + 9 = \boxed{\phantom{00}}$$

$$11 + 3 = \boxed{\phantom{00}}$$

$$12 - 5 = \boxed{\phantom{00}}$$

$$8 + 7 = \boxed{\phantom{00}}$$

$$3 + 8 = \boxed{\phantom{00}}$$

$$9 - 5 = \boxed{\phantom{00}}$$

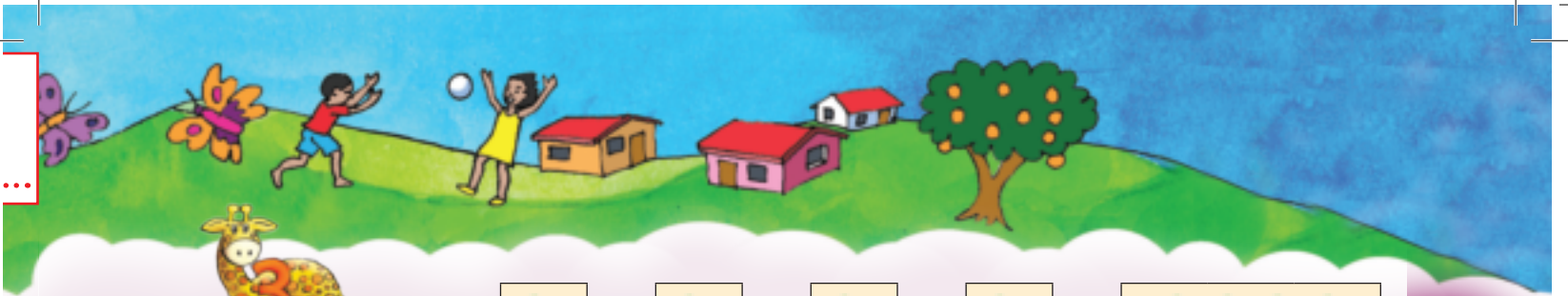
$$16 - 9 = \boxed{\phantom{00}}$$

$$6 + 4 = \boxed{\phantom{00}}$$

$$8 + 4 = \boxed{\phantom{00}}$$

$$8 - 4 = \boxed{\phantom{00}}$$

$$6 - 4 = \boxed{\phantom{00}}$$



Hlanganisa.

$$\begin{array}{ccccccc} \begin{array}{|c|} \hline \text{Apple} \\ \hline \end{array} & + & \begin{array}{|c|} \hline \text{Apple} \\ \hline \end{array} & + & \begin{array}{|c|} \hline \text{Apple} \\ \hline \end{array} & + & \begin{array}{|c|} \hline \text{Apple} \\ \hline \end{array} & = & \begin{array}{|c|} \hline \text{8 Apples} \\ \hline \end{array} \\ \hline 2 & + & 2 & + & 2 & + & 2 & = & 8 \end{array}$$

|                                                                                              |   |                                                                                              |   |                                                                                             |   |                                                                                             |   |                                                                                             |   |                                                                                          |
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| <div style="border: 1px solid black; width: 50px; height: 20px; margin: 0 auto;"></div>      | + | <div style="border: 1px solid black; width: 50px; height: 20px; margin: 0 auto;"></div>      | + | <div style="border: 1px solid black; width: 50px; height: 20px; margin: 0 auto;"></div>     | + | <div style="border: 1px solid black; width: 50px; height: 20px; margin: 0 auto;"></div>     | = | <div style="border: 1px solid black; width: 150px; height: 40px; margin: 0 auto;"></div>    |   |                                                                                          |
| <br><div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> | + | <br><div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> | = | <div style="border: 1px solid black; width: 150px; height: 40px; margin: 0 auto;"></div>    |   |                                                                                             |   |                                                                                             |   |                                                                                          |
| <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>     | + | <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>     | = | <div style="border: 1px solid black; width: 150px; height: 40px; margin: 0 auto;"></div>    |   |                                                                                             |   |                                                                                             |   |                                                                                          |



Bala.

$$\begin{array}{l} 2 + 2 + 2 = \square \\ 4 + 4 = \square \\ 5 + 5 + 5 = \square \end{array}$$

$$\begin{array}{l} 1 + 1 + 1 + 1 + 1 + 1 = \square \\ 3 + 3 + 3 + 3 = \square \\ 5 + 5 = \square \end{array}$$

$$\begin{array}{l} 2 + 2 + 2 + 2 = \square \\ 4 + 4 + 4 + 4 = \square \\ 1 + 1 + 1 = \square \end{array}$$



$$2 + 2 + 2 + 2 + 2 + 2$$



Teacher:

Sign:

Date:

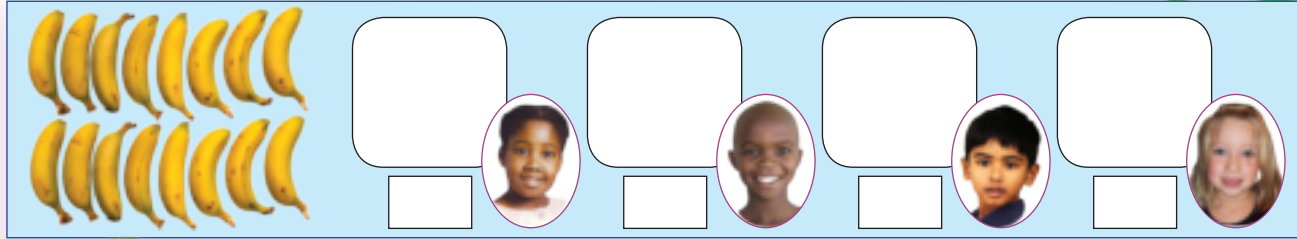
## Kwabelana nemali



Yaba letitselo ngekulingana.

|  |                          |  |                          |  |
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|  | <br>4                    |  | <br>4                    |  |
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|  | <br><input type="text"/> |  | <br><input type="text"/> |  |
|  | <br><input type="text"/> |  | <br><input type="text"/> |  |





Cedzela.



senti munye



Faka umbala emalini yensimbi noma yeliphepha lefanele kute nawuhlanganisa kuphume linani lelilingana nemali yensimbi noma yeliphepha lesekucaleni kweluhele ngalunye.



=

10c

10c

5c

2c

1c

2c



=

5c

2c

2c

1c

2c

2c



=

R2

R2

R1

R1

R1



=

R5

R2

R1

R5

R1

R2



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R2

R2

R5

R5

R2

R1

R5



R1

1c

R5

5c

R10

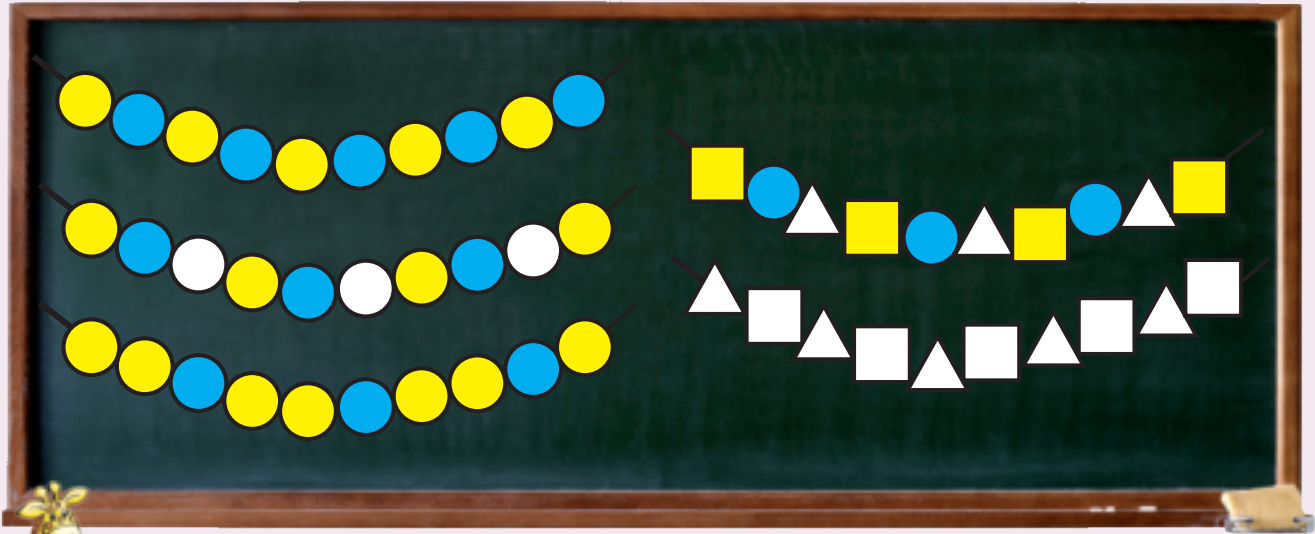


Teacher:

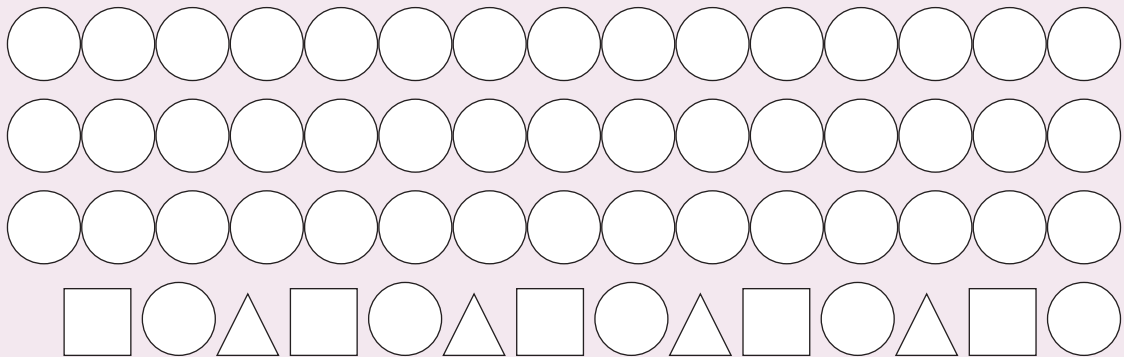
Sign:

Date:

## Emaphethini

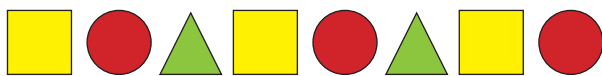
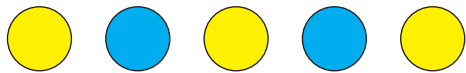


Tsatsisa lamaphethini lasebhodini uwakopele kuletikhala ngentasi.





Khulisa lephethini.





Faka umbala kulobuhlalu ngalesikhatsi ubala ngakubili.

|   |   |   |  |  |  |  |  |  |  |
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Faka umbala kuletibaya ngalesikhatsi ubala ngakuhlanu.

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



Faka umbala kulobuhlalu ngalesikhatsi ubala ngemashumi.

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| 10 | 20 | 30 |  |  |  |  |  |  |  |



O □ △ O □ △ O □ △



Teacher:

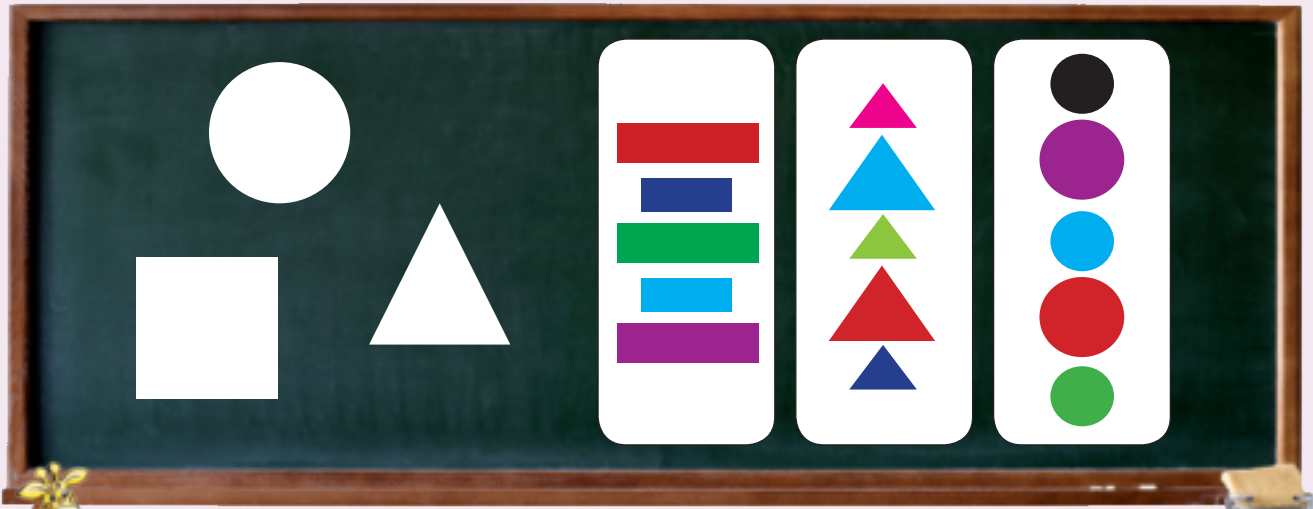
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Date:

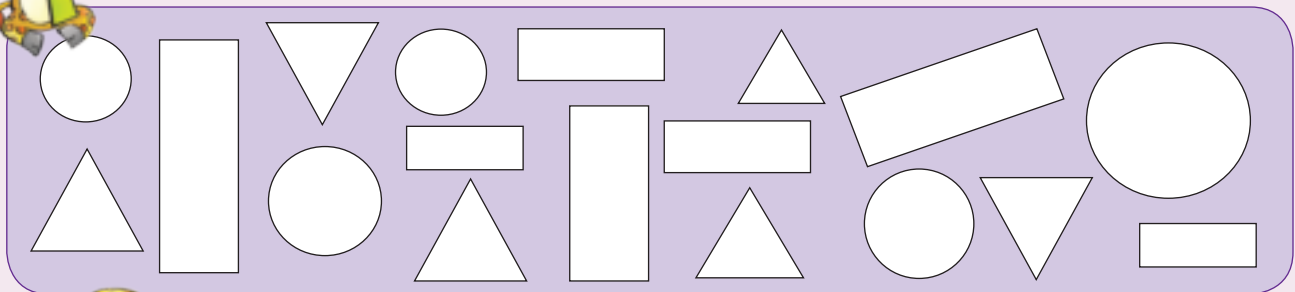


## Bobunjwa

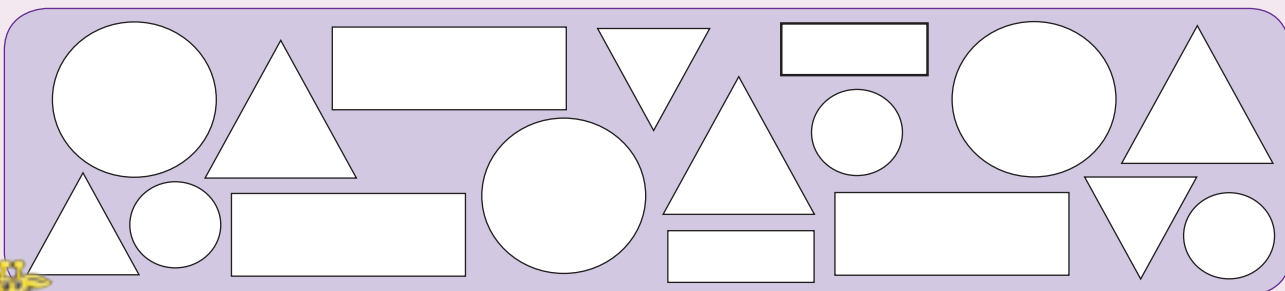
Lusuku:



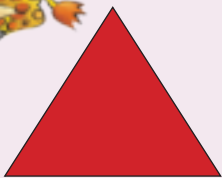
Faka umbala lolingangane kubocalandze, letindilinga tibe bovu bese kutsi bocalantsatfu babe mtfubi.



Faka umbala lobovu kuto tonkhe tindilinga letinkhulu, bocalandze babe lingangane kantsi bocalantsatfu labancane babe mtfubi.



Emacala acondzile noma ayindilinga? Faka umbala kumphendvulo lelaciniso.



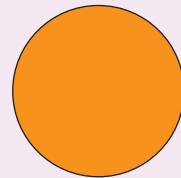
kucondzile

yindilinga



kucondzile

yindilinga



kucondzile

yindilinga



Dvweba kulamanye emacala emavivane.



Teacher:

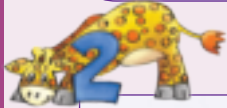
Sign:

Date:

## Emabhola nemabhokisi



Biyela emabhokisi ngembala lolingane bese emabhola kuba ngulobovu.



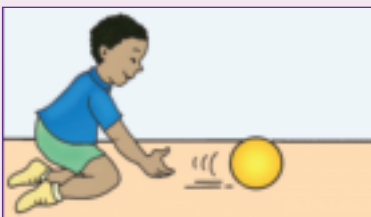
Faka umbala emphendvulweni lelaciniso.



Libhokisi

liyashelela

liyagicika



Ibhola

iyashelela

iyagicika





Faka umbala kumphendvulo leliciniso.

|                                                                                    |                                                                                    |                                                                                    |                                                                                      |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|   |   |  |   |
| umphetfo loyindilinga                                                              | umphetfo loyindilinga                                                              | umphetfo loyindilinga                                                              | umphetfo loyindilinga                                                                |
| umphetfo locondzile                                                                | umphetfo locondzile                                                                | umphetfo locondzile                                                                | umphetfo locondzile                                                                  |
|  |  |  |  |
| umphetfo loyindilinga                                                              | umphetfo loyindilinga                                                              | umphetfo loyindilinga                                                              | umphetfo loyindilinga                                                                |
| umphetfo locondzile                                                                | umphetfo locondzile                                                                | umphetfo locondzile                                                                | umphetfo locondzile                                                                  |



Shano kutsi ibhola ingemuva, ingaphambili, isedvute ne nobe ingetulu kwelibhokisi.

|                                                                                     |          |           |                                                                                      |          |           |
|-------------------------------------------------------------------------------------|----------|-----------|--------------------------------------------------------------------------------------|----------|-----------|
|  | phambili | ngemuva   |  | phambili | ngemuva   |
|                                                                                     | ngetulu  | edvute ne |                                                                                      | ngetulu  | edvute ne |
|  | phambili | ngemuva   |  | phambili | ngemuva   |
|                                                                                     | ngetulu  | edvute ne |                                                                                      | ngetulu  | edvute ne |



ibhola libhokisi



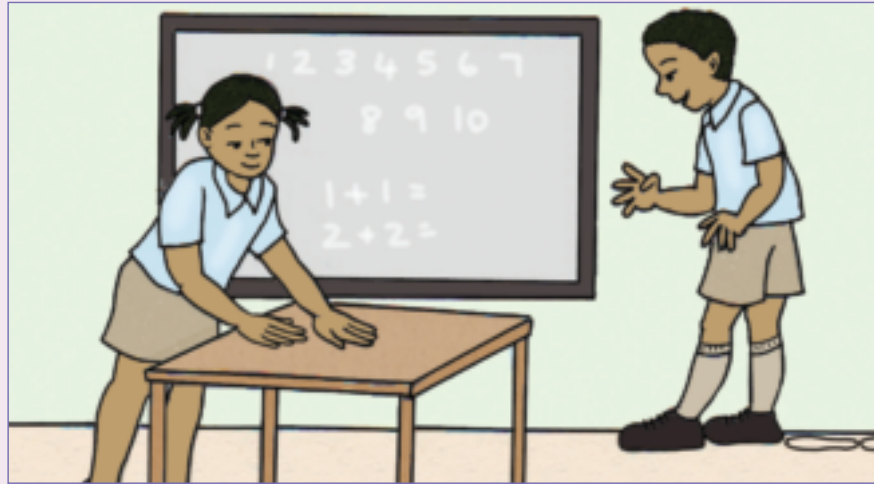
Teacher:

Sign:

Date:

## Budze

Bentani laba?



Ngusiphi sitimela lesifisha nobe lesidze?



sifisha

sidze



sifisha

sidze

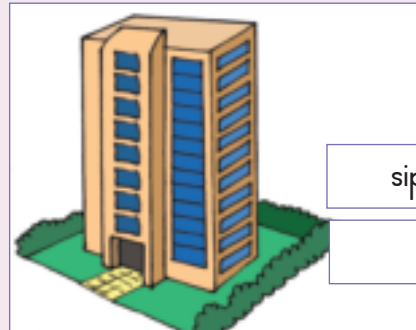


Ngusiphi sakhiwo lesiphakeme nobe lesiphasi?



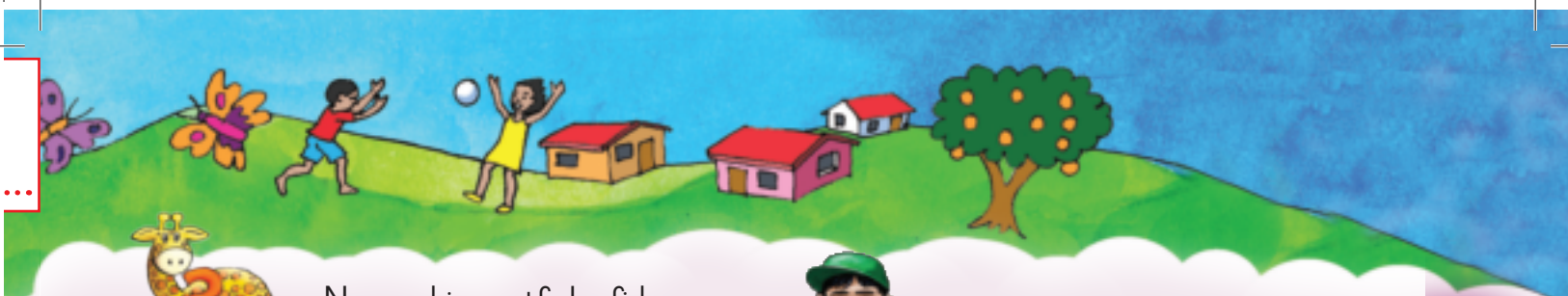
siphakeme

siphasi



siphakeme

siphasi



Ngumuphi umuntu lomfisha  
nobe lomudze?



mfisha

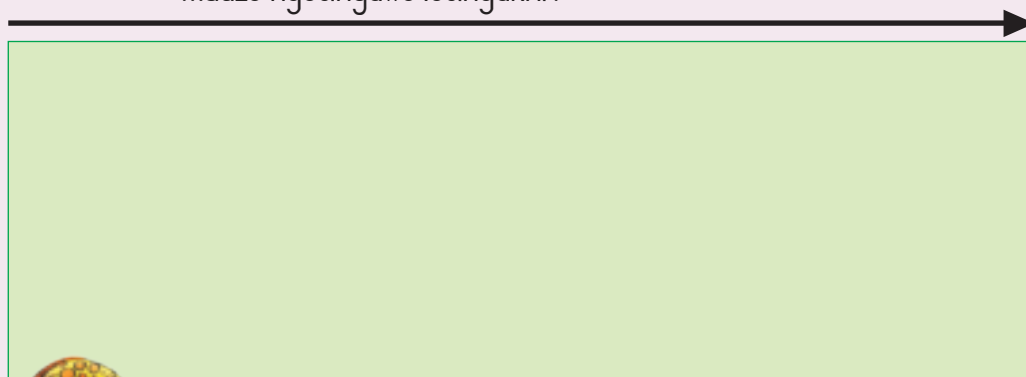
mudze

mfisha

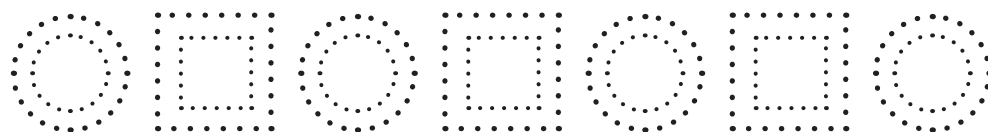
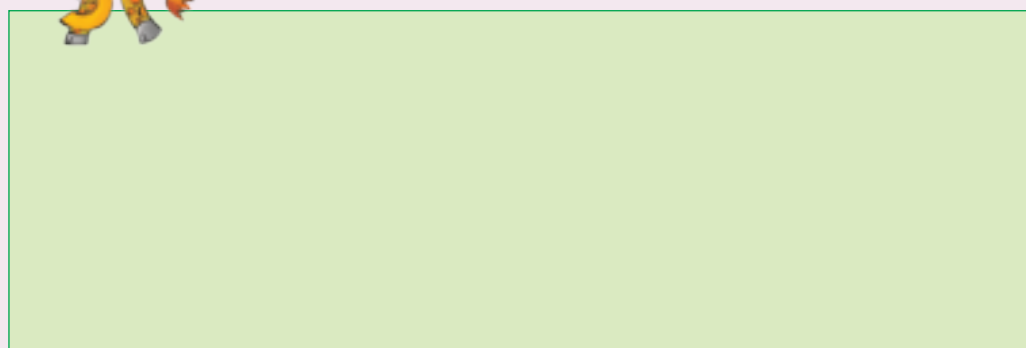
mudze



Sebentisa lomfanekiso wesandla kuLokujutjiwe I. Ngabe localandze mudze ngetandla  
letingakhi? Sebentisa lomfanekiso welunyawo kuLokujutjiwe I. Ngabe localandze  
mudze ngetinyawo letingakhi?



Nyalo linganisa lokuya etulu kwacalandze ngetandla nangetinyawo.



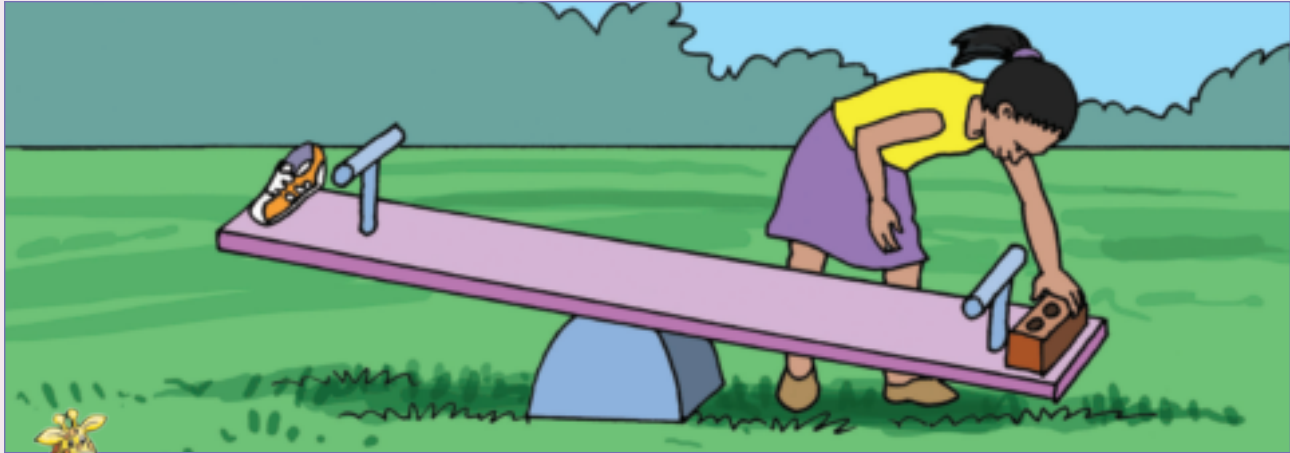
Teacher:

Sign:

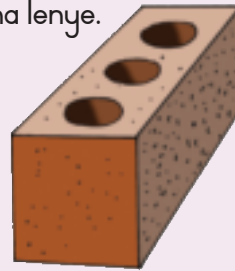
Date:



# Sisindvo



Shano kutsi lentfo ngabe iyesindza noma imelula kunalena lenye.



iyesindza

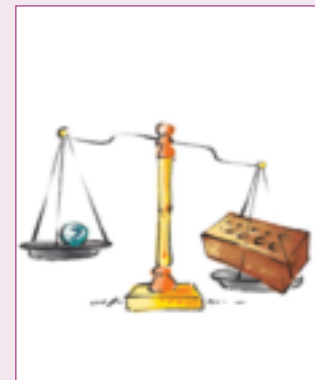
imalula

iyesindza

imalula



Biyela intfo leyesindzako.





Ngabe lentfo yesindza ngetulu nobe ngaphasi kwelikhilogramu linye?



iyesindza

imalula



iyesindza

imalula



iyesindza

imalula



iyesindza

imalula



iyesindza imalula



Teacher:

Sign:

Date:

Cocani ngalesitfombe.

Umtsamo



Faka umbala emphendvulweni lelaciniso.



ligcwele

alinalutfo

liyihhafu



ligcwele

alinalutfo

liyihhafu



ligcwele

alinalutfo

liyihhafu



ligcwele

alinalutfo

liyihhafu



ligcwele

alinalutfo

liyihhafu

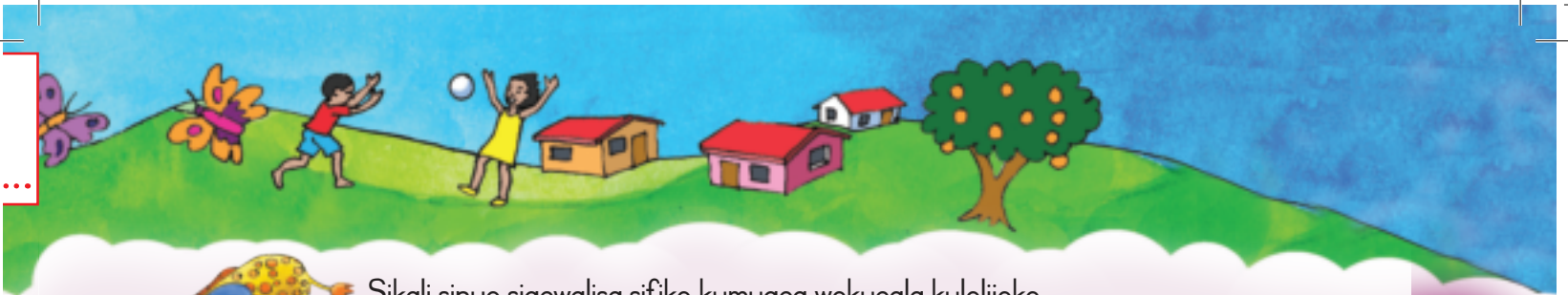


ligcwele

alinalutfo

liyihhafu

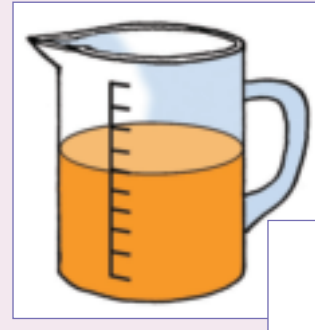
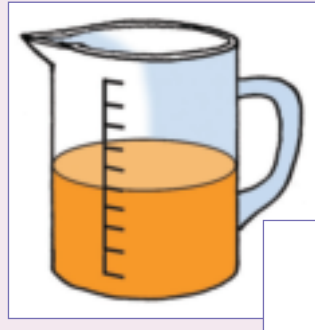
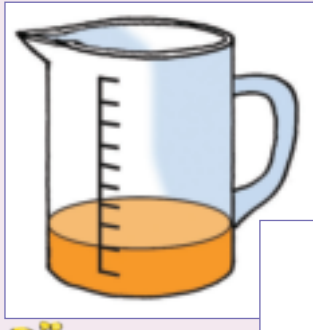




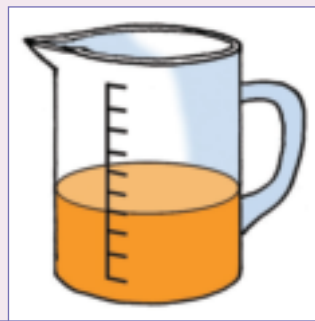
Sikali sinye sigcwalisa sifike kumugca wekucala kulelijeke.  
Tingakhi tikali letitawugcwalisa lelijeke?



Tingakhi tikali letitselwa kulamajeke?



Lijeke lelingancele libamba I litha wejusi.  
Nguliphi lijeke lelinejusi lelinganako nalengancele futsi nguliphi lelinejusi lencane?



lelinganako

lencane

lelinganako

lencane



ligcwele alinalutfo



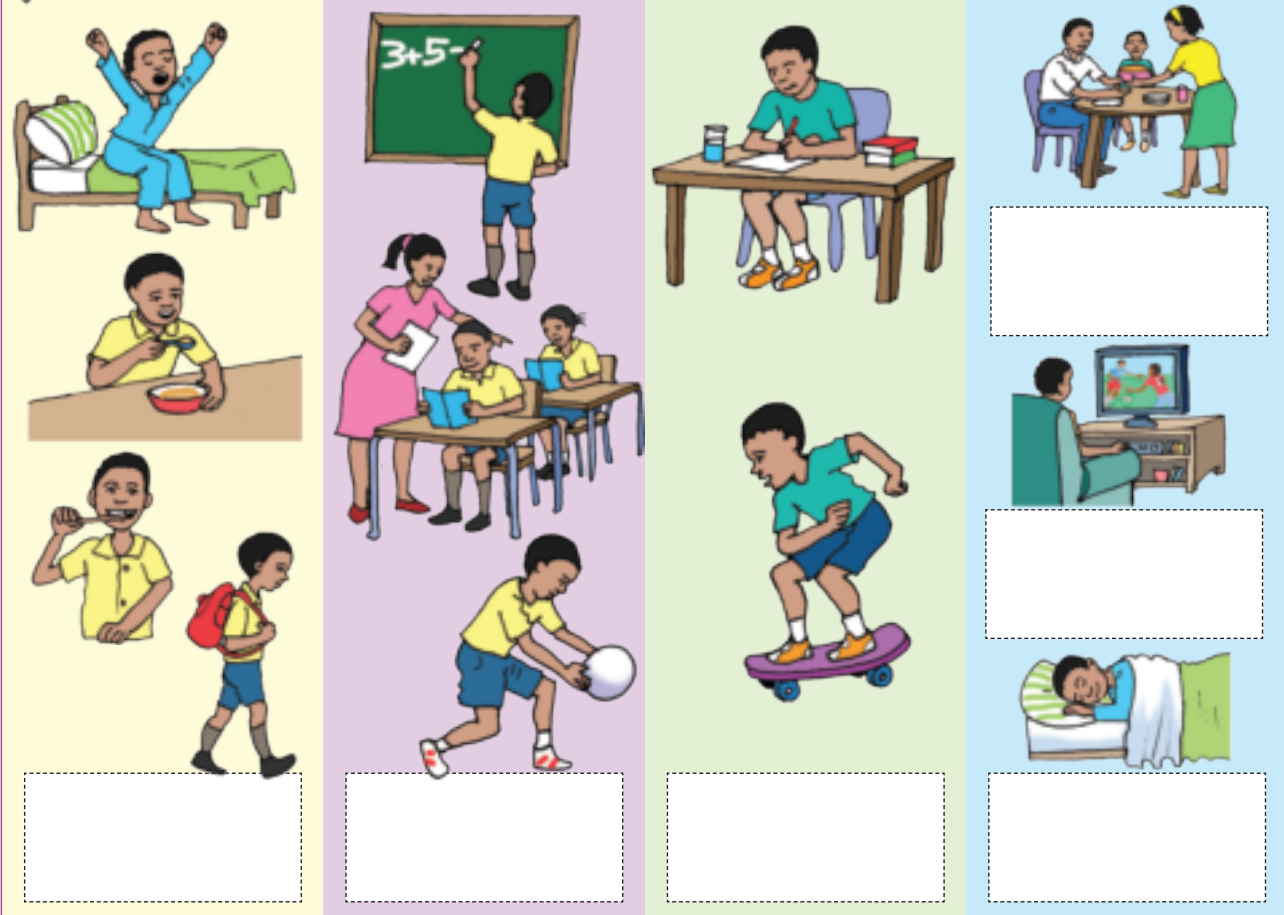
Teacher:

Sign:

Date:

## Sikhatsi

Yani kuLokujutjwako I. Sika emagama uwanamatsisele ngaphansi kwetifombe kukhombisa sikhatsi selusuku.



Cedzela lemisho.

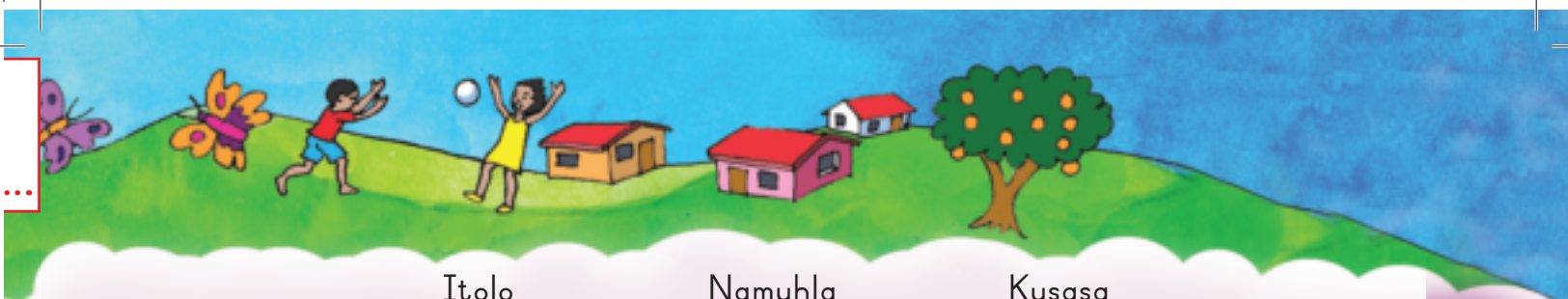
Ngi\_\_\_\_\_ ekuseni kakhulu.

Ngi\_\_\_\_\_ ekuseni.

Ngi\_\_\_\_\_ emini.

Ngi\_\_\_\_\_ onkhe malanga.

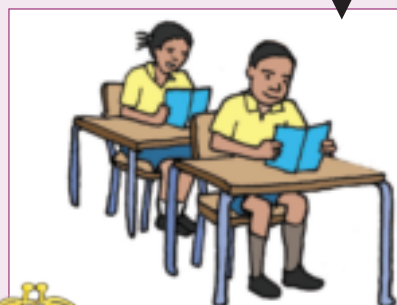
Ngi\_\_\_\_\_ kamuva onkhe malanga.



Itolo

Namuhla

Kusasa



Phendvula lemibuto.

Wentani umntfwana namuhla? \_\_\_\_\_

Yini leyentiwe ngumntfwana itolo? \_\_\_\_\_

Yini letawentiwa ngumntfwana kusasa? \_\_\_\_\_



Dvweba sitfombe sakho.

Itolo

Namuhla

Kusasa



Itolo

O I A O I A O I A O



Teacher:

Sign:

Date:

11

12

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## Ikhalelenda Yetinsuku Tekutalwa



Landzelela letinyanga.





Bhala ligama lemntfwna ngamunye ekilasini ngalolusuku lwekutsalwa kukhalenda.

Bhimbidwane

iNdlovana

iNdlovulenkulu

Mabasa

iNkhwekhwet

iNhlaba

Kholwane

iNgci

iNyoni

iMphala

Lweti

iNgongoni



Lusuku lwami  
lwekutsalwa lunga



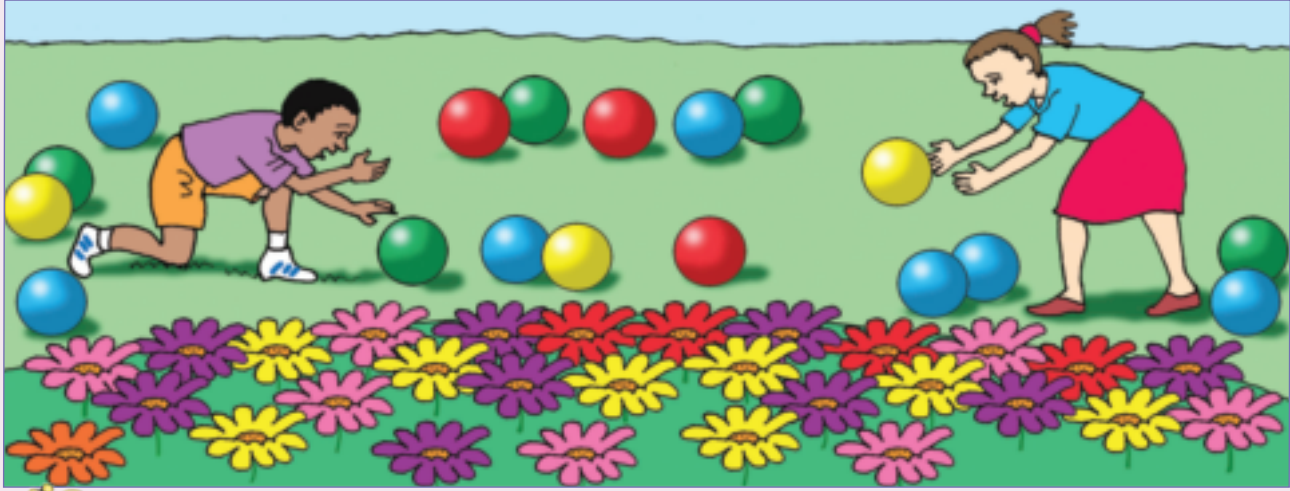
Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

## Gcogca uphindze uhlunge



Gcogca uphindze uhlunge emabhola bese uwadvweba ebhokisini lelifanele.



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

emabhola laluhlata

emabhola labovu

emabhola lalingangane

emabhola lamtfubi



Gcogca timbali bese uyatihlunga.



timbali  
letimtfubi

timbali letibovu

timbali letisamsobo

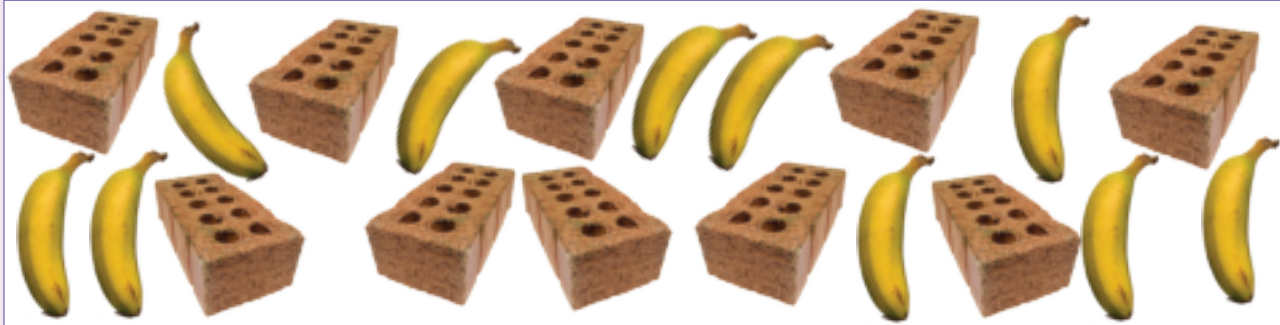
timbali letiphinki

timbali letiliphuti

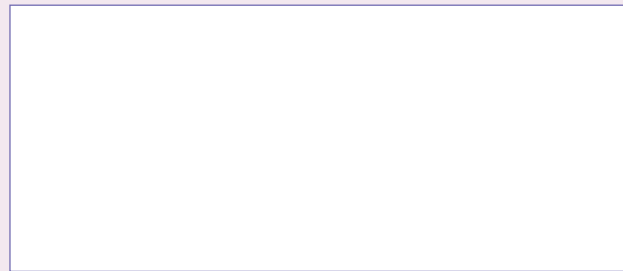




Hlunga letintfo. Yenta imidvwebo yato.



tintfo letilula



tintfo letisindzako



emabhola lamancane



emabhola lamakhulu



emabhokisi lamancane



emabhokisi lamakhulu

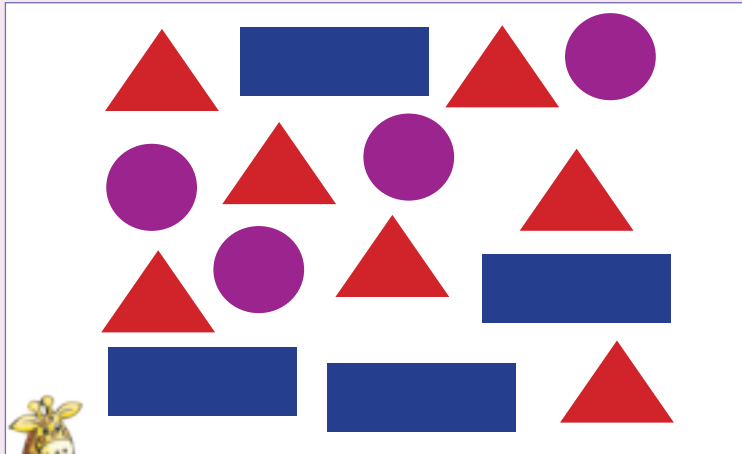


Teacher:

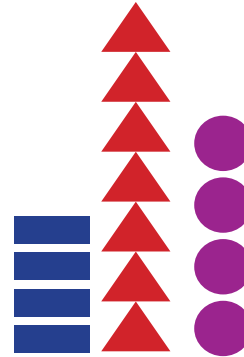
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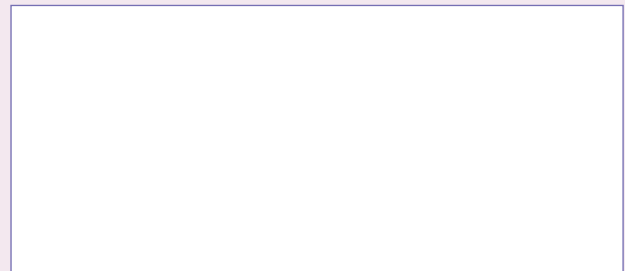
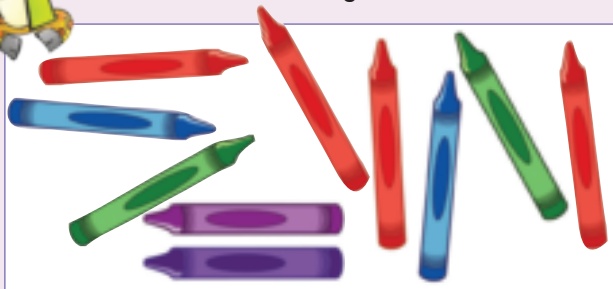
## Fundza uphindze uhumushe



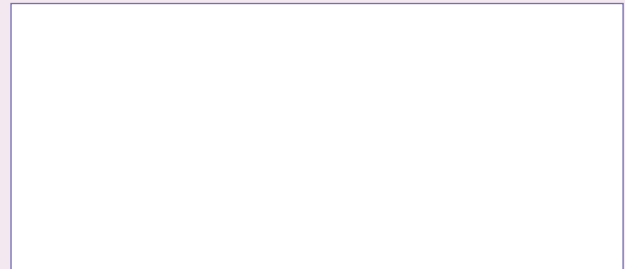
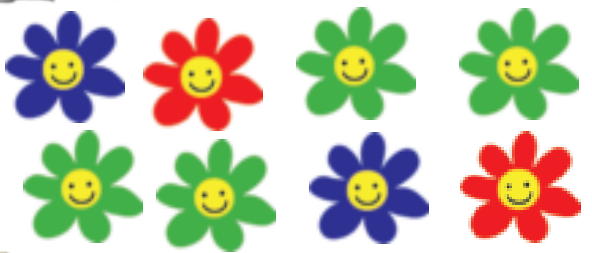
Umdvwebo wami



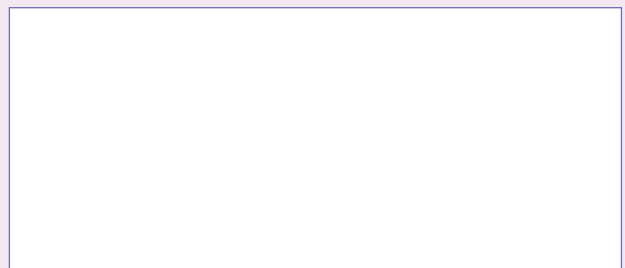
Hlukanisa emakhrayoni. Yenta umdvwebo wawo.



Hlukanisa timbali. Yenta umdvwebo wato.



Hlukanisa lamafu nalemishi-yenkhosatana. Yenta umdvwebo wako.





Phendvula lemibuto.

|                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| bocalantsatfu                                                                     | bocalandze                                                                        | tindilinga                                                                          |

Bangakhi bocalantsatfu labalapho?

Bangakhi bocalandze labalapho?

Tingakhi tindilinga letilapho?

Ngabe kunabocalantsatfu labanyenti nobe bocalandze?

Ngabe kunetindilinga letinyenti nobe bocalantsatfu?

Ngabe kunetindilinga letinyenti nobe bocalandze?

|                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| akunalutfo                                                                          | yihhafu                                                                              | kugcwele                                                                              |

Mangakhi emajeke langenalutfo lakhona?

Mangakhi emajeke lagcwele ngahhafu?

Mangakhi emajeke lagcwele?



Teacher:

Sign:

Date:



# Ngembili, emkhatsini nasemuva

Chaza tinombolo ngekusebentisa emagama ngembili, emkhatsini nasemuva.

Sibonelo: Nguleyobhola lebovu isemkhatsini wemabhola lamabili lalingangane.



Bhala inombolo lefanele esikweleni.

4 6 8

ngembili emkhatsini emuva

18

ngembili emkhatsini emuva

25

ngembili emkhatsini emuva

16

ngembili emkhatsini emuva



Gcwalisa tinombolo letingekho.

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| 13 |    |  | 16 |    |  |

|    |    |  |    |    |    |
|----|----|--|----|----|----|
| 10 |    |  | 13 |    |    |
|    | 17 |  |    | 20 |    |
| 20 |    |  |    |    | 25 |

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

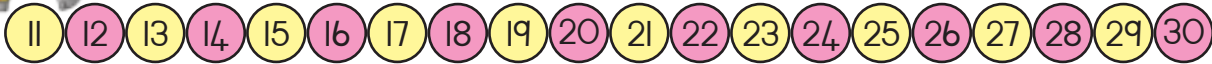
Nguyiphi inombolo lesembi kwa 8? \_\_\_\_\_

Nguyiphi inombolo lesemuva kwa 16? \_\_\_\_\_

Ngutiphi tinombolo letisemkhatsini wa 8 na 12? \_\_\_\_\_



Faka umbala lolingangane etinombolweni letisemkhatsini wa 14 na 17. Faka umbala lobovu kunombolo lesembi kwa 14 na 17. Faka umbala lomtfubi ngemuva kwa 17.



Bhala tonkhe letinombolo etukwebuhlalu lobumtfubi.  
Sitibita ngani letinombolo letikubuhlalu lobumtfubi?

Bhala tonkhe letinombolo etukwebuhlalu lobuphinki.  
Sitibita ngani letinombolo letikubuhlalu lobuphinki?



Yaba lobuhlalu lobumtfubi emkhatsini webantfwana labagcoke umbala lomtfubi.  
Ngabe munye utfola bungakhi buhlalu? \_\_\_\_\_. Ngabe bukhona lobusele? \_\_\_\_\_.  
Yaba buhlalu lobuphinki emkhatsini webantfwana labagcoke lokuphinki.  
Ngabe munye utfola bungakhi buhlalu? \_\_\_\_\_. Ngabe bukhona lobusele? \_\_\_\_\_.



Phendvula lemibuto lelandzelako.

Bhala batsatfu bonombolo lingana labeta nje ngemuva kwa 12? \_\_\_\_\_.  
Bhala batsatfu bonombolo lugweje labeta nje ngemuva kwa 14? \_\_\_\_\_.  
Ngutiphi tinombolo lugweje letisemkhatsini kwa 18 na 24? \_\_\_\_\_.  
Bhala phasi tinombolo lingana emkhatsini kwa 8 na 18? \_\_\_\_\_.



Teacher:

Sign:

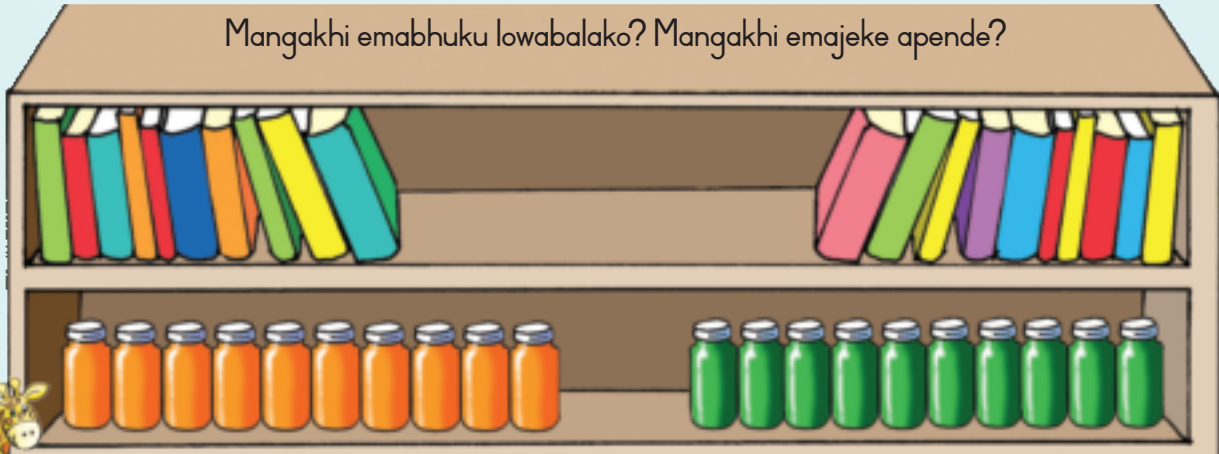
Date:



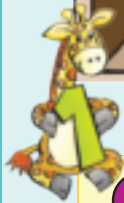
Lusuku:

# Tinombolo I – 30

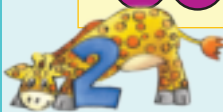
Mangakhi emabhuku lowabalako? Mangakhi emajeke apende?



Bungakhi buhlalu lobubalako?



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



Mangakhi emabhuku lowabalako?





Gcwalisa tinombolo letingekho.

|        |    |    |    |    |    |    |    |    |    |
|--------|----|----|----|----|----|----|----|----|----|
| 14     | 12 | 15 | 17 | 19 | 13 | 26 | 28 | 21 | 30 |
| 10   4 | 2  | 10 | 7  | 10 |    |    |    |    |    |



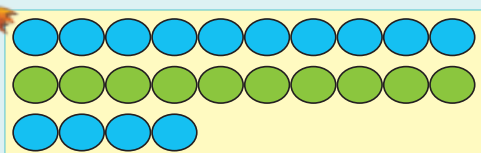


Buka sibonelo sekucala bese ucedzela konkhe lokulandzelako.

|    |   |   |         |   |   |            |      |    |   |    |   |   |
|----|---|---|---------|---|---|------------|------|----|---|----|---|---|
| 18 | = | 1 | lishumi | + | 8 | emayunithi | nobe | 18 | = | 10 | + | 8 |
| 15 | = |   | lishumi | + |   | emayunithi | nobe |    | = |    | + |   |
| 19 | = |   | lishumi | + |   | emayunithi | nobe |    | = |    | + |   |
| 22 | = |   | lishumi | + |   | emayunithi | nobe |    | = |    | + |   |
| 24 | = |   | lishumi | + |   | emayunithi | nobe |    | = |    | + |   |



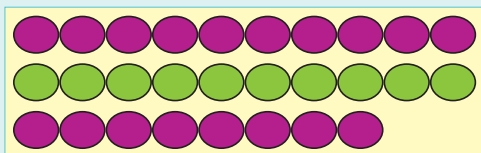
Bungakhi buhlalu lobubalako?



Inombolo

Singayibhala njenga:

$$20 + \square = 24$$



Inombolo

Singayibhala njenga:

$$20 + \square = 28$$



Bhala emagama aletinombolo:

|    |       |    |       |
|----|-------|----|-------|
| 10 | _____ | 11 | _____ |
| 12 | _____ | 13 | _____ |
| 14 | _____ | 15 | _____ |
| 16 | _____ | 17 | _____ |
| 18 | _____ | 19 | _____ |
| 20 | _____ | 21 | _____ |
| 22 | _____ | 23 | _____ |
| 24 | _____ | 25 | _____ |



Buka sibonelo sekucala bese ucedzela konkhe lokulandzelako.

|    |   |   |         |   |   |            |    |   |   |         |   |   |            |
|----|---|---|---------|---|---|------------|----|---|---|---------|---|---|------------|
| 25 | = | 2 | lishumi | + | 5 | emayunithi | 22 | = | 2 | lishumi | + | 2 | emayunithi |
| 13 | = |   | lishumi | + |   | emayunithi | 21 | = |   | lishumi | + |   | emayunithi |
| 26 | = |   | lishumi | + |   | emayunithi | 19 | = |   | lishumi | + |   | emayunithi |

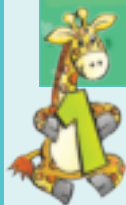


Teacher:

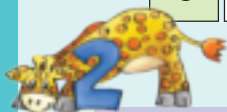
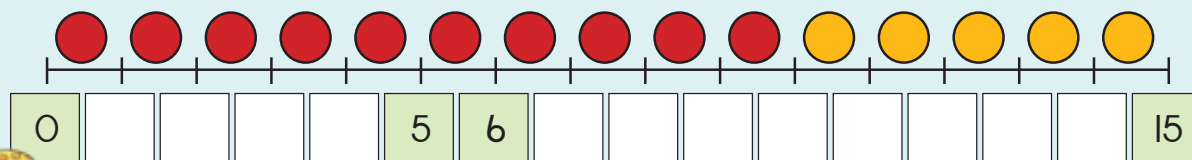
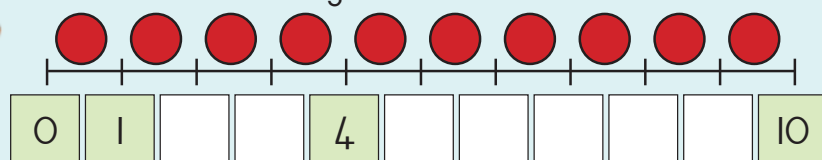
Sign:

Date:

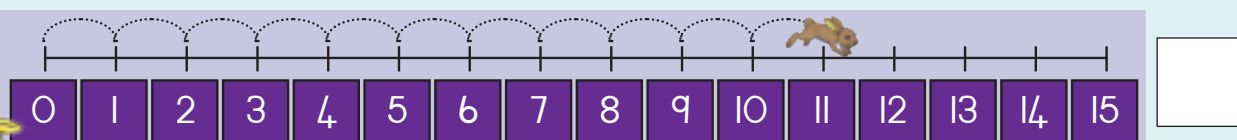
## Imigca-nombolo



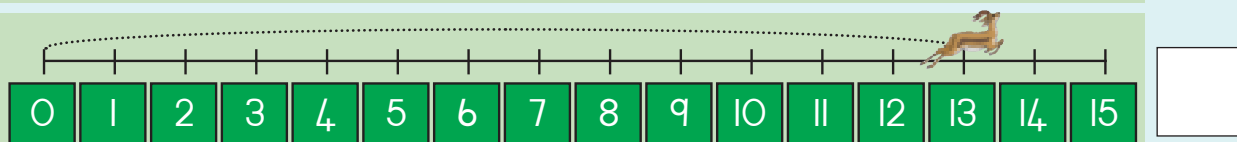
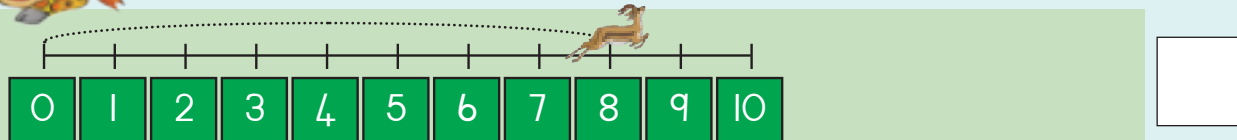
Gcwalisa tinombolo letingekho.



Ngabe logwaja uzube ngakanani? Sebentisa umugca-nombolo kutfola timphendvulo.

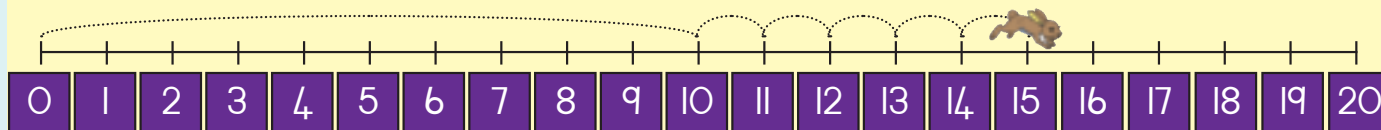


Ngabe imphala izube ngakanani? Sebentisa umugca-nombolo kutfola timphendvulo.





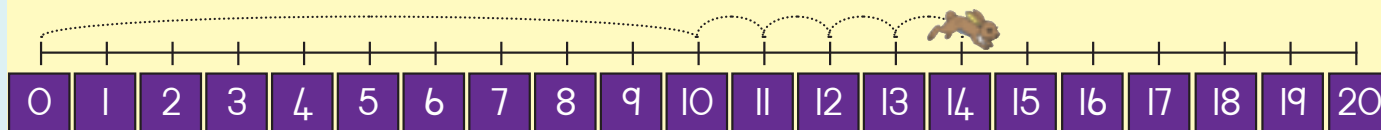
Ngabe logwaja uzube ngakanani?  
Sebentisa umugca-nombolo kutfolela timphendvulo.



lishumi

emayunithi

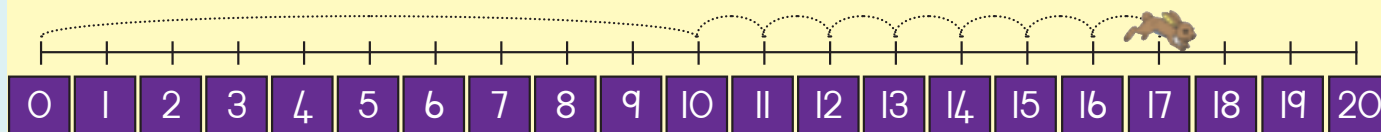
$$10 + 5 = \square$$



lishumi

emayunithi

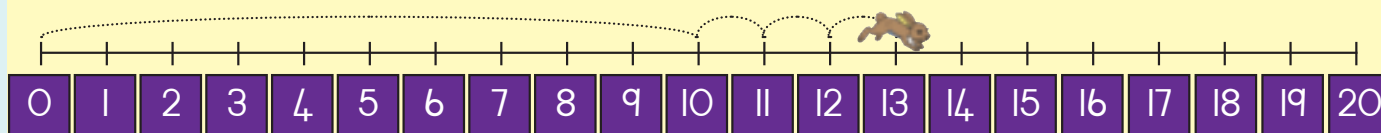
$$\square + \square = \square$$



lishumi

emayunithi

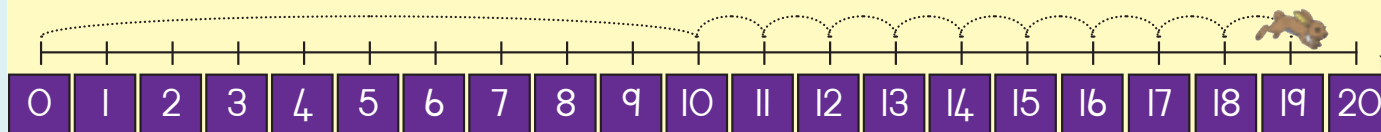
$$\square + \square = \square$$



lishumi

emayunithi

$$\square + \square = \square$$



lishumi

emayunithi

$$\square + \square = \square$$



Teacher:

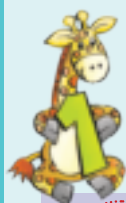
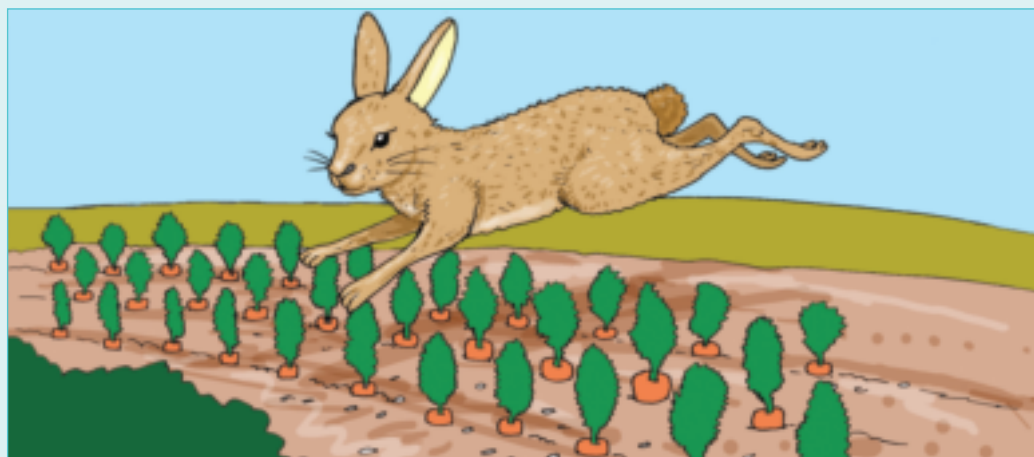
Sign:

Date:

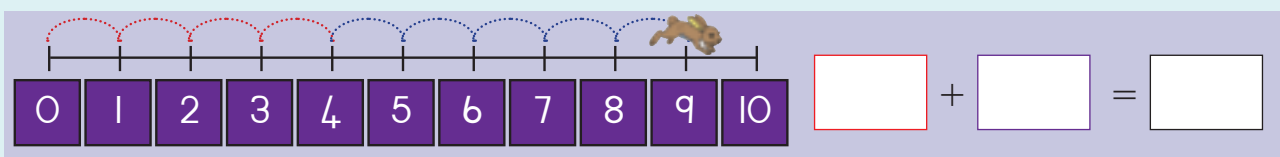
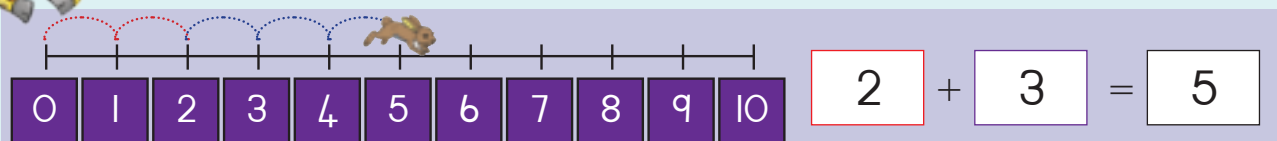
11 12 13 14 15 16 17 18 19 20



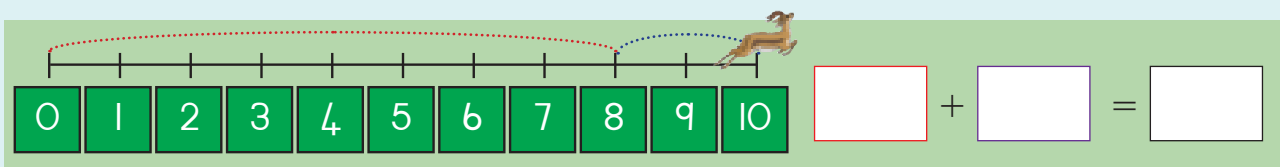
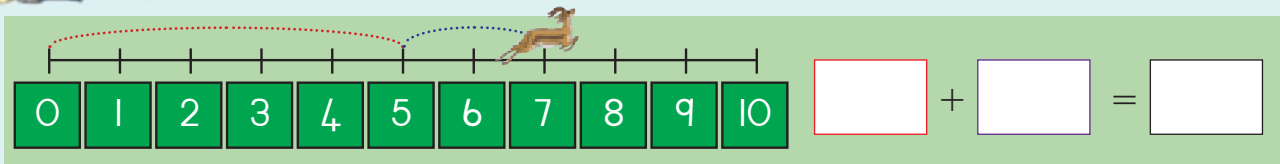
## Imigca-nombolo leyengetiwe



Sita logwaja kubhala sibalo. Sebentisa umugca-nombolo kutfolo timphendvulo.

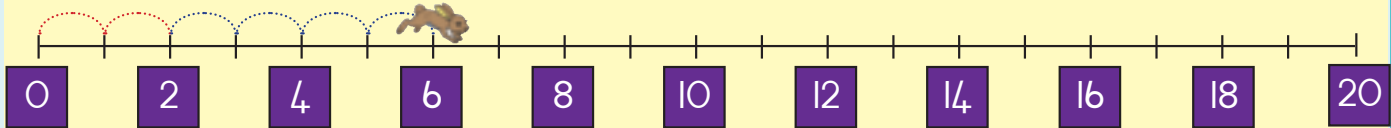


Sita imphala kubhala sibalo. Sebentisa umugca-nombolo kutfolo timphendvulo.

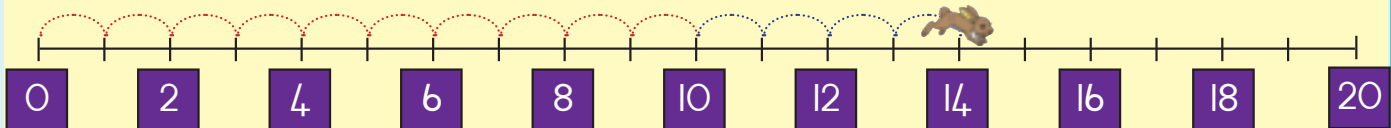




Sita logwaja kubhala sibalo.



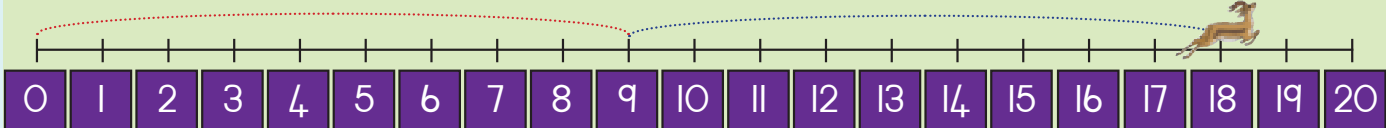
$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



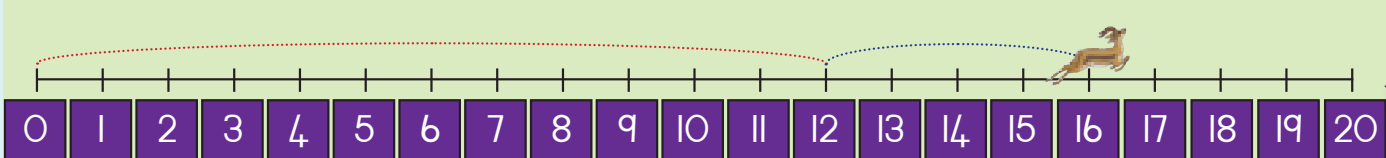
$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



Sita imphala kubhala sibalo.



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



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

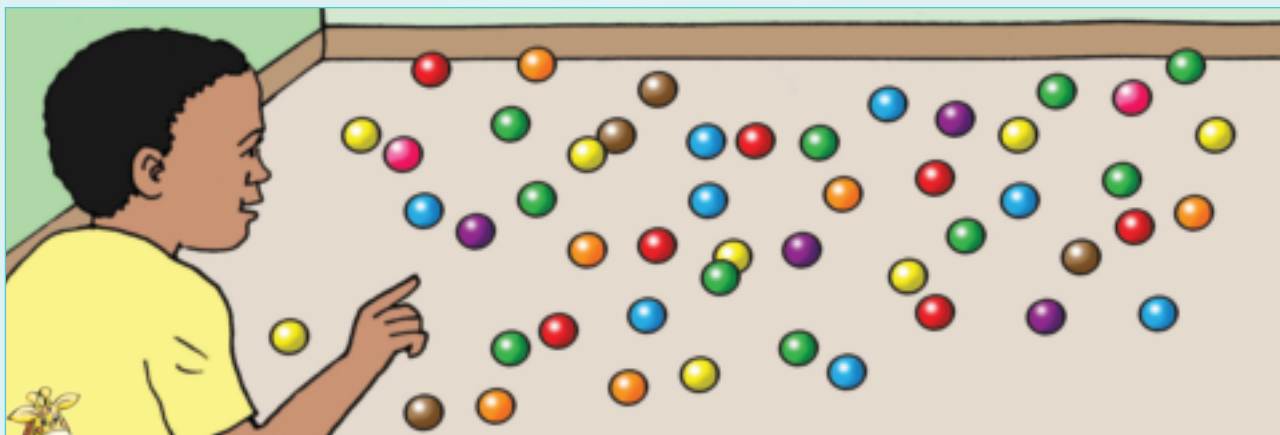


Teacher:

Sign:

Date:

## Kuhlanganisa nekususa



Bhala lelinani  
lebuhlalu.

Bungakhi buhlalu lobubovu lobulapho?

Bungakhi buhlalu lobulingangane lobulapho?

Bungakhi buhlalu lobuluhlata lobulapho?

Bungakhi buhlalu lobuliphuti lobulapho?

Bungakhi buhlalu lobusamsobo lobulapho?

Bungakhi buhlalu  
sebubonkhe?



Bhala linani lebuhlalu bembala ngamunye emabhokisini lafanele bese wenta sibalo sekubuhlanganisa

lobubovu

+

lobuluhlata

=

lobumtufubi

+

lobuphinki

=

lobuliphuti

+

lobulingangane

=

lobusamsobo

+

lobuluhlata

=

lobububendze

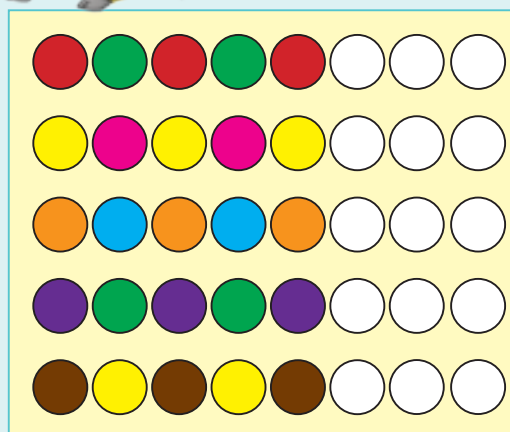
+

lobumtufubi

=



Cedzela lamaphethini.







Hlanganisa buhlalu lobubovu nalobulingangane bese ufaka imphendvulo ebhokisini.

|                                                                                   |   |                                                                                    |   |                                 |
|-----------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------|---|---------------------------------|
|  | + |  | = | <input type="text" value="15"/> |
| <input type="text" value="8"/>                                                    | + | <input type="text" value="7"/>                                                     | = |                                 |

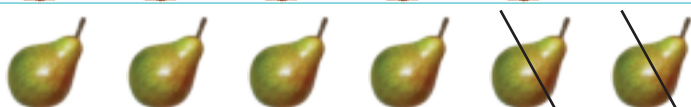
|                                                                                   |   |                                                                                   |   |                                                                                     |   |                      |
|-----------------------------------------------------------------------------------|---|-----------------------------------------------------------------------------------|---|-------------------------------------------------------------------------------------|---|----------------------|
|  | + |  | + |  | = | <input type="text"/> |
| <input type="text" value="8"/>                                                    | + | <input type="text" value="2"/>                                                    | + | <input type="text" value="5"/>                                                      | = |                      |

|                                                                                   |   |                                                                                     |   |                      |
|-----------------------------------------------------------------------------------|---|-------------------------------------------------------------------------------------|---|----------------------|
|  | + |  | = | <input type="text"/> |
| <input type="text" value="9"/>                                                    | + | <input type="text" value="6"/>                                                      | = |                      |

|                                                                                   |   |                                                                                   |   |                                                                                     |   |                      |
|-----------------------------------------------------------------------------------|---|-----------------------------------------------------------------------------------|---|-------------------------------------------------------------------------------------|---|----------------------|
|  | + |  | + |  | = | <input type="text"/> |
| <input type="text" value="9"/>                                                    | + | <input type="text"/>                                                              | + | <input type="text"/>                                                                | = |                      |



Catsanisa lesitfombe nesibalo bese uniketa imphendvulo.

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



Bhala sibalo saloku.

|                                                                                      |             |
|--------------------------------------------------------------------------------------|-------------|
|  | $9 - 6 = 3$ |
|--------------------------------------------------------------------------------------|-------------|

|                                                                                      |                               |
|--------------------------------------------------------------------------------------|-------------------------------|
|  | $\square - \square = \square$ |
|--------------------------------------------------------------------------------------|-------------------------------|

|                                                                                       |                               |
|---------------------------------------------------------------------------------------|-------------------------------|
|  | $\square - \square = \square$ |
|---------------------------------------------------------------------------------------|-------------------------------|

|                                                                                       |                               |
|---------------------------------------------------------------------------------------|-------------------------------|
|  | $\square - \square = \square$ |
|---------------------------------------------------------------------------------------|-------------------------------|



Teacher:  
Sign:  
Date:

## Emalanga, emaviki netinyanga

|             |             |             |                |
|-------------|-------------|-------------|----------------|
| uMsombuluko | Bhimbidwane | iNdlovana   | iNdlovulenkulu |
| Lesibili    |             |             |                |
| Lesitsatfu  | Mabasa      | iNkhwekhwet | iNhlaba        |
| Lesine      |             |             |                |
| Lesihlanu   | Kholwane    | iNgci       | iNyoni         |
| uMgcibelo   |             |             |                |
| Lisontfo    | iMphala     | Lweti       | iNgongoni      |



Phendvula lemibuto lelandzelako lengemalanga eliviki.

Nguliphi lilanga lelita ngaphambi kwaLesitsatfu? \_\_\_\_\_

Nguliphi lilanga lelita ngemuva kwaLesitsatfu? \_\_\_\_\_

Nguliphi lilanga lelita ngemuva kweMgcibelo? \_\_\_\_\_

Nguliphi lilanga lelita emkhatsini kweMsombuluko naLesitsatfu? \_\_\_\_\_

Uma uMsombuluko ulilanga lekucala, Lesihlanu yena lilanga lesi \_\_\_\_\_.

Nguwaphi emalanga leta emkhatsini kwaLesitsatfu neMgcibelo. \_\_\_\_\_



Phendvula lemibuto lelandzelako ngetinyanga.

Nguyiphi inyanga lefika ngaphambi kwaMabasa? \_\_\_\_\_

Nguyiphi inyanga leta ngemuva kweNhlaba? \_\_\_\_\_

Nguyiphi inyanga leta emkhatsini kweNgci neMphala? \_\_\_\_\_

Ngutiphi tinyanga letita emkhatsini kwaBhimbidwane neNhlaba? \_\_\_\_\_

Nguyiphi inyanga yekucala yemnyaka? \_\_\_\_\_

Nguyiphi inyanga yekugcina yemnyaka? \_\_\_\_\_



|                                       |                                                                                                                                                                                                                                            |                                                           |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| <p>Tinkholo<br/>eNingizimu Afrika</p> | <p>Imicimbi yemlandvo</p> <p>Lilanga lemalungelo ebantfu</p> <p>Lilanga lenkhululeko</p> <p>Lilanga lebasebenti</p> <p>Lilanga lebantfu labasha</p> <p>Lilanga labomake lavelonkhe</p> <p>Lilanga lemagugu</p> <p>Lilanga lekucolalana</p> | <p>Lusuku lwekutsalwa</p> <p>Lusuku Lwekutsalwa lwami</p> |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|



Lokujutjiwe 2: Sebentisa Lokujutjiwe unamatsisele emaholide enkholo lamatsatfu nawo onkhe emaholide esive eNingizimu Afrika etinyangeni talekhalenda.

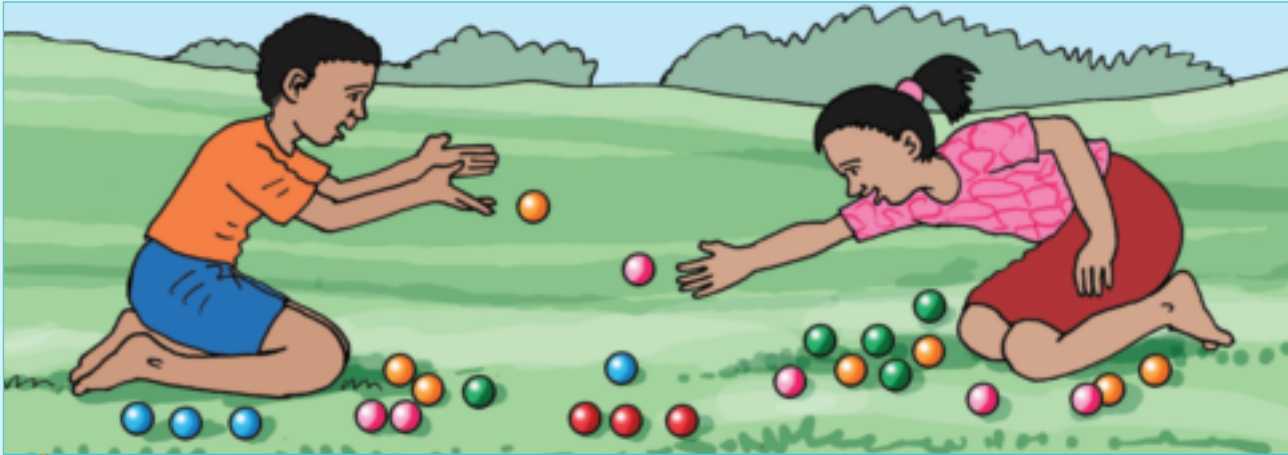
|             |             |                |
|-------------|-------------|----------------|
| Bhimbidwane | iNdlovana   | iNdlovulenkulu |
| Mabasa      | iNkhwekhwet | iNhlaba        |
| Kholwane    | iNgci       | iNyoni         |
| iMphala     | Lweti       | iNgongoni      |



Teacher:  
Sign:  
Date:



## Kuhlanganisa



Bukisisa sitfombe ubhale linani letimabula umbala ngamunye emabhokisini lafanele bese wenta sibalo sekuhlanganisa konkhe.

|           |   |              |   |   |   |   |   |  |
|-----------|---|--------------|---|---|---|---|---|--|
| labovu    | + | lalingangane | = | 3 | + | 4 | = |  |
| laluhlata | + | lalingangane | = |   | + |   | = |  |
| laphinki  | + | lalingangane | = |   | + |   | = |  |
| laluhlata | + | laliphuti    | = |   | + |   | = |  |
| labovu    | + | laluhlata    | = |   | + |   | = |  |
| laliphuti | + | lalingangane | = |   | + |   | = |  |

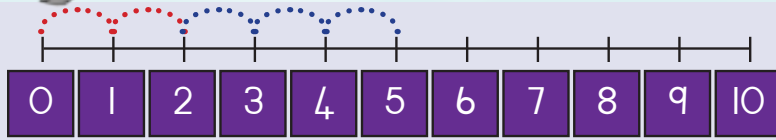


Hlanganisa.

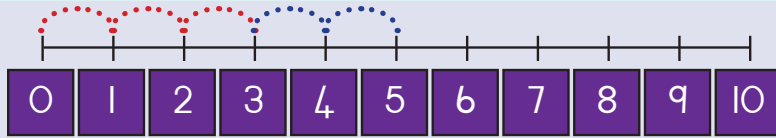
|           |           |           |
|-----------|-----------|-----------|
| $3 + 2 =$ | $4 + 6 =$ | $9 + 3 =$ |
| $6 + 5 =$ | $7 + 8 =$ | $8 + 4 =$ |
| $9 + 5 =$ | $8 + 6 =$ | $7 + 4 =$ |
| $9 + 9 =$ | $7 + 5 =$ | $8 + 8 =$ |
| $7 + 6 =$ | $9 + 6 =$ | $7 + 7 =$ |



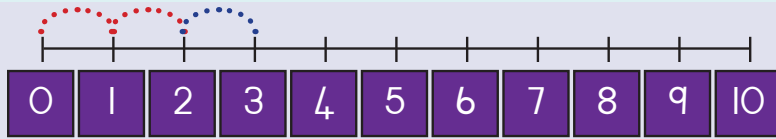
Bhala sibalo saloku.



$$2 + 3 = 5$$



$$\square + \square = \square$$



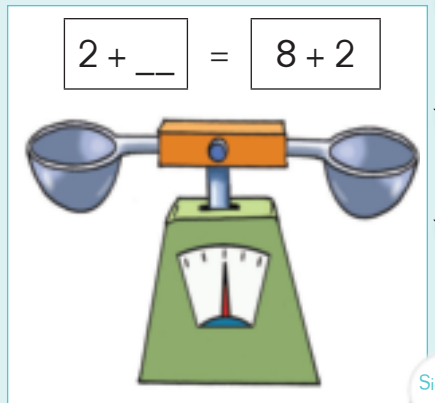
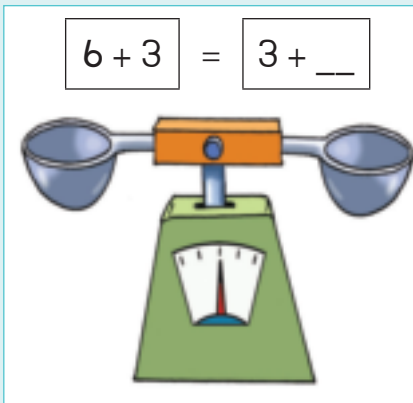
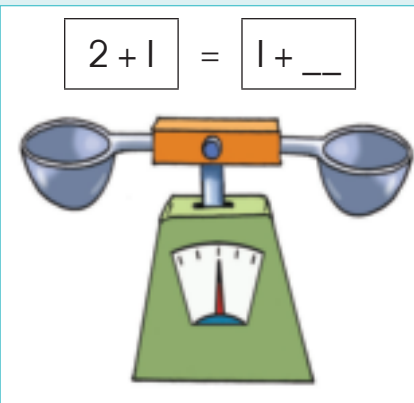
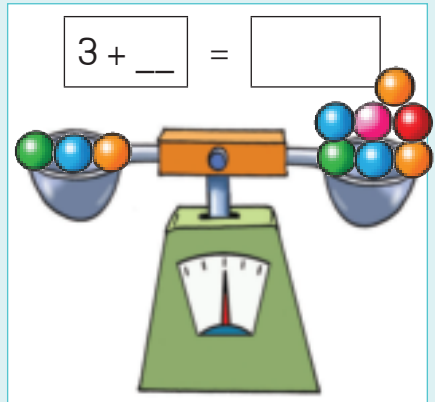
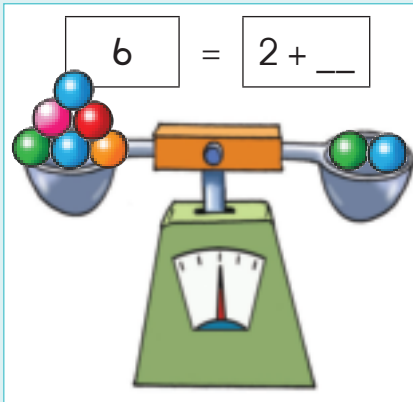
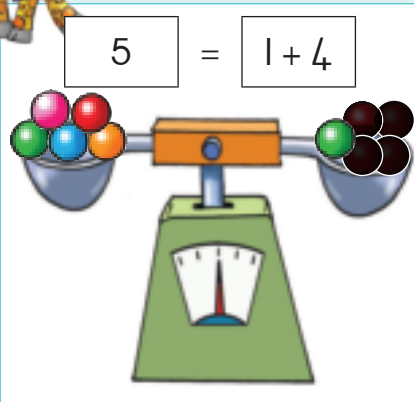
$$\square + \square = \square$$



$$\square + \square = \square$$



Hlanganisa buhlalu kwenta tikali tilingane. Kwekucala sesikwentele.



Teacher:

Sign:

Date:

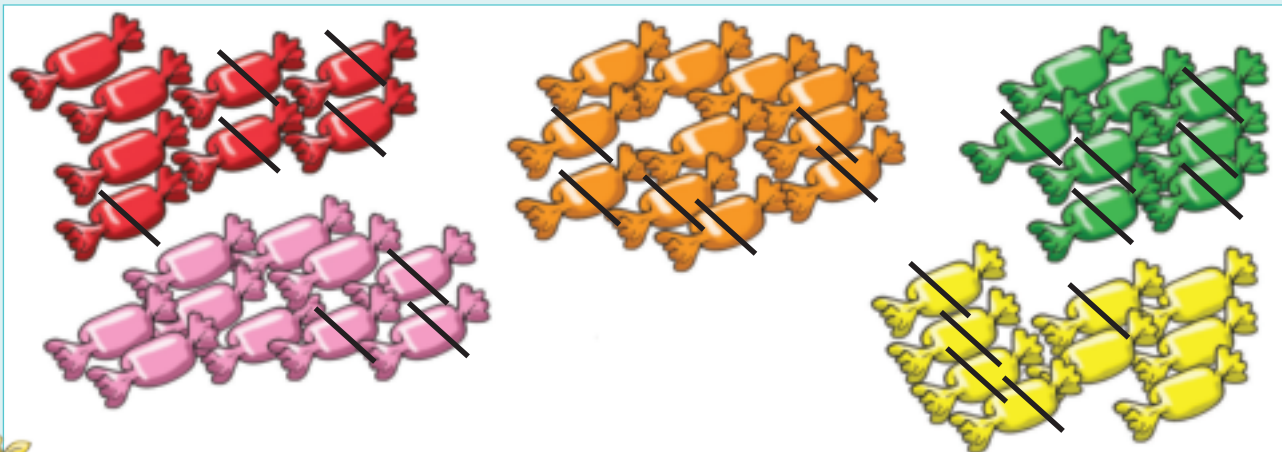
# 23b

Ithemu I



Lusuku:

## Kususa



Buka kulesitfombe bese ubhala tibalo tekususa.

emaswidi labovu

= 8

–

5

=

3

emaswidi laluhlata

=

–

=

emaswidi lamtfubi

=

–

=

emaswidi laliphuti

=

–

=

emaswidi laphinki

=

–

=



Khipha.

$$5 - 3 = \square$$

$$10 - 6 = \square$$

$$12 - 3 = \square$$

$$11 - 5 = \square$$

$$15 - 7 = \square$$

$$12 - 4 = \square$$

$$14 - 9 = \square$$

$$14 - 8 = \square$$

$$11 - 4 = \square$$

$$18 - 9 = \square$$

$$12 - 5 = \square$$

$$16 - 8 = \square$$

$$13 - 7 = \square$$

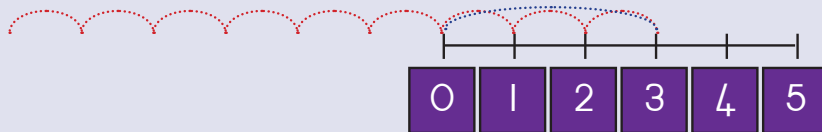
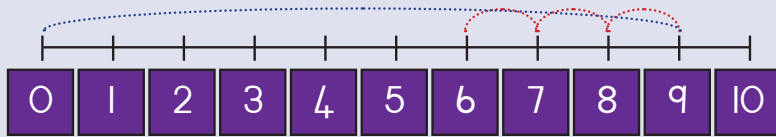
$$15 - 6 = \square$$

$$14 - 7 = \square$$





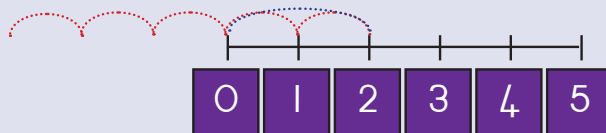
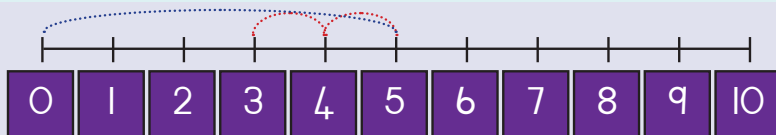
Cedzela.



$$9 - 3$$

Akulingani na

$$3 - 9$$



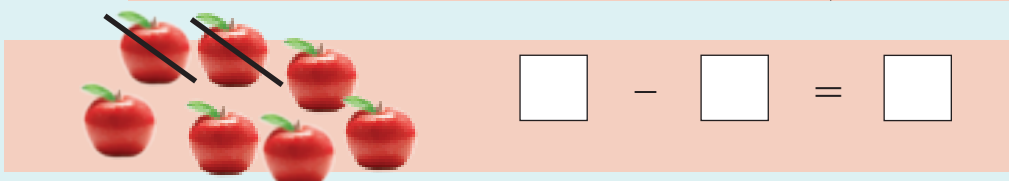
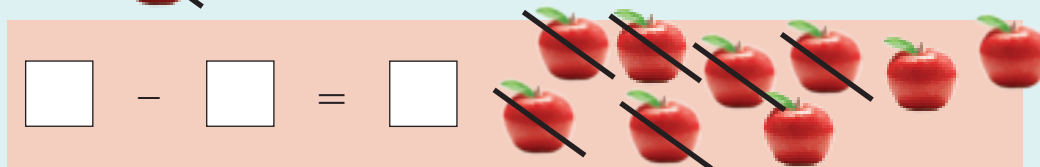
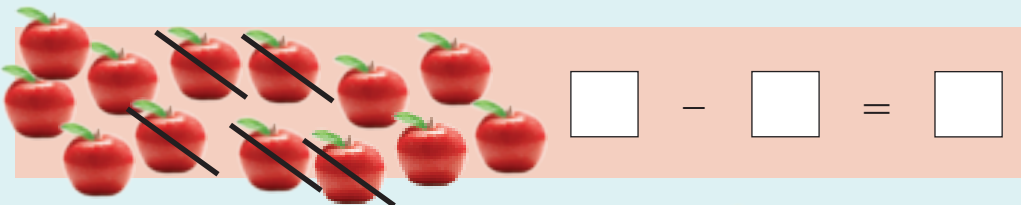
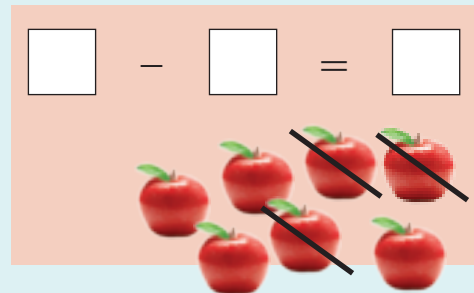
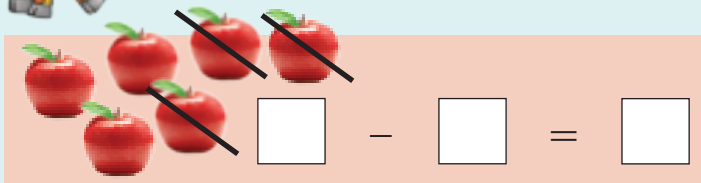
$$5 - 2$$

Akulingani na

$$2 - 5$$



Bhala sibalo sa.



Teacher:

Sign:

Date:

## Kabanti ngekwengeta



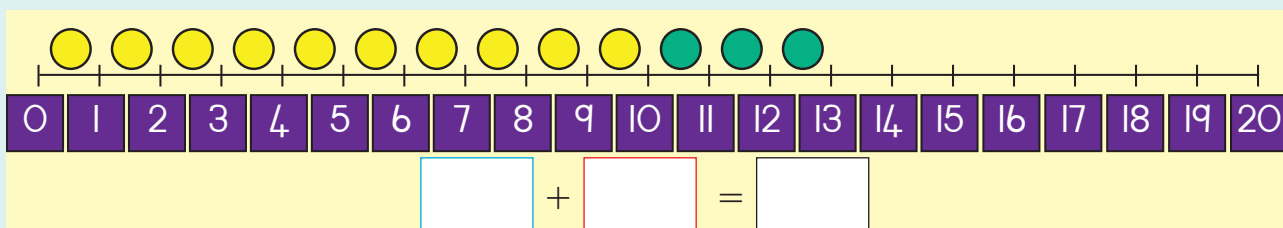
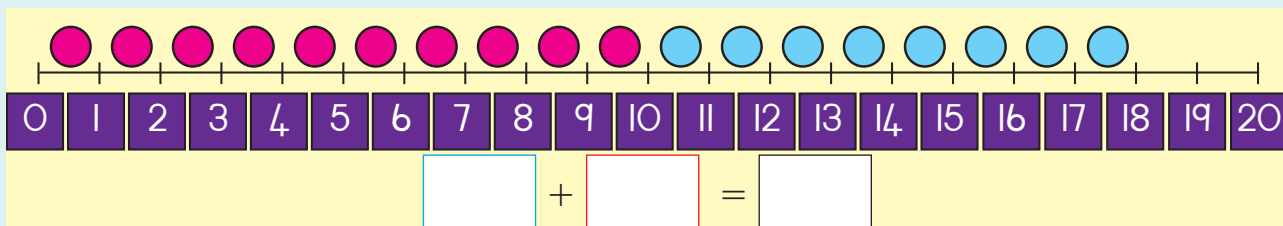
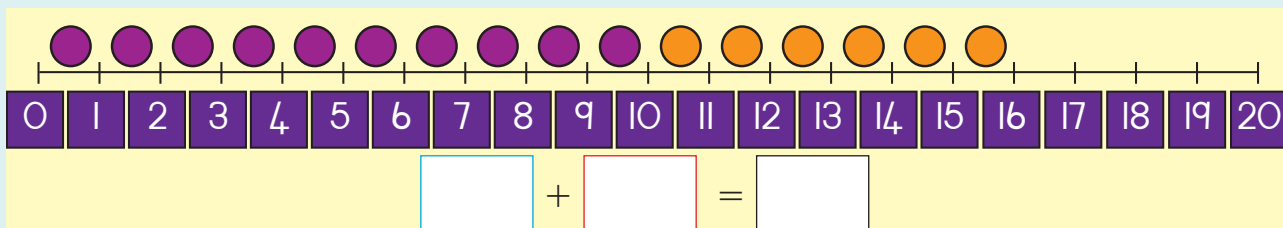
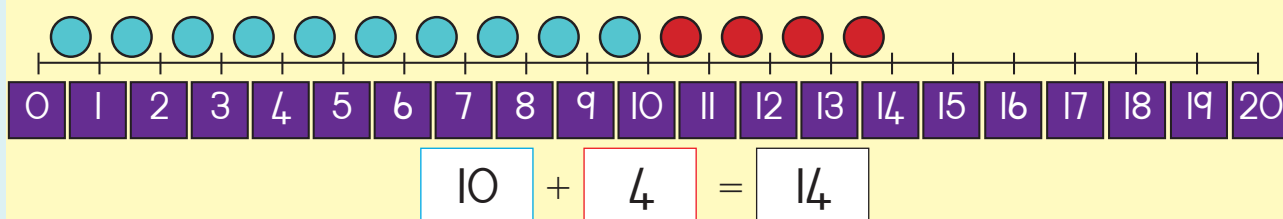
Hlanganisa tinombolo ebhulokini ngalinye bese ubhala phasi linani lesamba.

|    |    |    |    |    |
|----|----|----|----|----|
| 2  | 8  | 7  | 5  | 3  |
| 10 | 10 | 10 | 10 | 10 |

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



Sebentisa lomugca-nombolo. Bhala sibalo sekuhlanganisa. Kwekucala sesikwentele.





Hlanganisa.

|    |   |   |   |    |
|----|---|---|---|----|
| 10 | + | 3 | = | 13 |
| 10 | + | 5 | = |    |
| 10 | + | 1 | = |    |
| 10 | + | 4 | = |    |
| 10 | + | 9 | = |    |

|    |   |   |   |  |
|----|---|---|---|--|
| 10 | + | 2 | = |  |
| 10 | + | 7 | = |  |
| 10 | + | 6 | = |  |
| 10 | + | 8 | = |  |
| 10 | + | 3 | = |  |



Hlanganisa.

|         |   |    |   |    |
|---------|---|----|---|----|
| 16 + 13 |   |    |   |    |
| 10      |   | 10 |   | 20 |
| 6       | + | 3  | = | 9  |
| 16      | + | 13 | = | 29 |

|         |   |    |   |  |
|---------|---|----|---|--|
| 14 + 12 |   |    |   |  |
| 10      |   | 10 |   |  |
| 4       | + | 2  | = |  |
|         | + |    | = |  |

|         |   |    |   |  |
|---------|---|----|---|--|
| 17 + 11 |   |    |   |  |
| 10      |   | 10 |   |  |
| 7       | + | 1  | = |  |
|         | + |    | = |  |

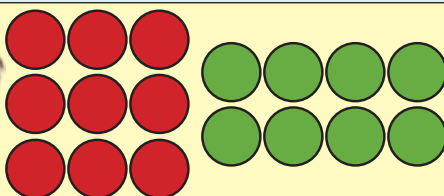
|         |   |    |   |  |
|---------|---|----|---|--|
| 15 + 13 |   |    |   |  |
| 10      |   | 10 |   |  |
| 5       | + | 3  | = |  |
|         | + |    | = |  |

|         |   |    |   |  |
|---------|---|----|---|--|
| 16 + 12 |   |    |   |  |
| 10      |   | 10 |   |  |
| 6       | + | 2  | = |  |
|         | + |    | = |  |

|         |   |    |   |  |
|---------|---|----|---|--|
| 18 + 12 |   |    |   |  |
| 10      |   | 10 |   |  |
| 8       | + | 2  | = |  |
|         | + |    | = |  |



Lisa unetintfo  
tekubala letingu  
9 kantsi Aakar  
una 8.



Itsini ithothali?



Teacher:

Sign:

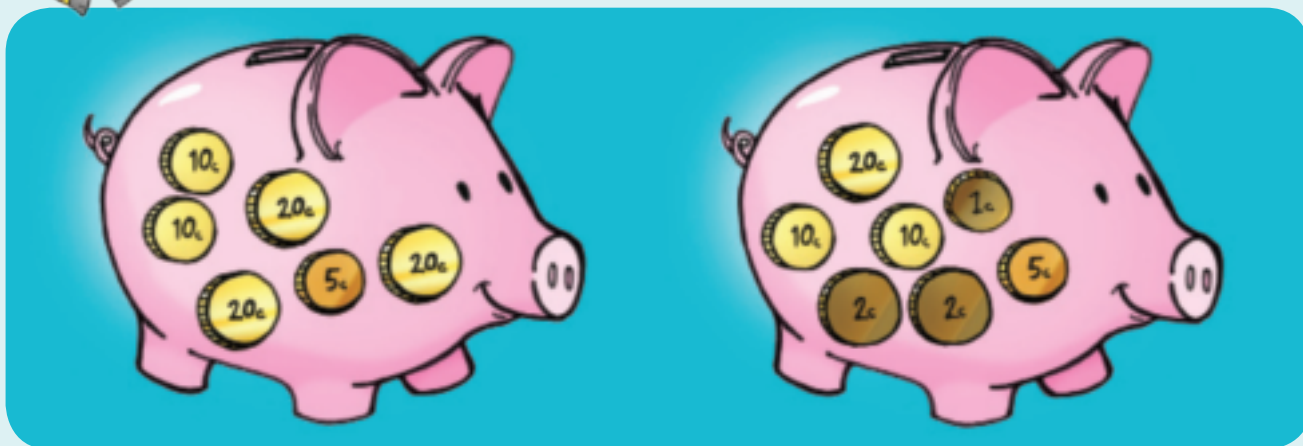
Date:





# Imali

Kunani kulelidlelantfongeni lami?

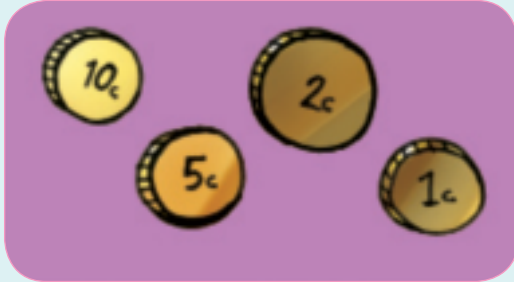


Sika imali lebhuhhehlu kuLokujutjiwe 3 bese unamatsisela emanani emali lafanele lapha.

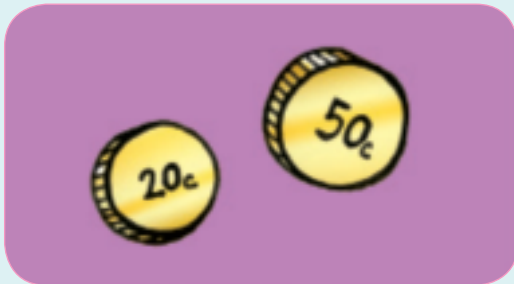
|  |  |
|--|--|
|  |  |
|  |  |
|  |  |



Mangakhi emasenti?















Tibalo-magama.

Sisana una 50c. Unina umnika 20c ngetulu. Ngumalini Sisana lase anaye sekukonkhe?

Ngina 90c. Ngitsenge liswidi la 30c. Senginamalini nyalo lesele?



Teacher:

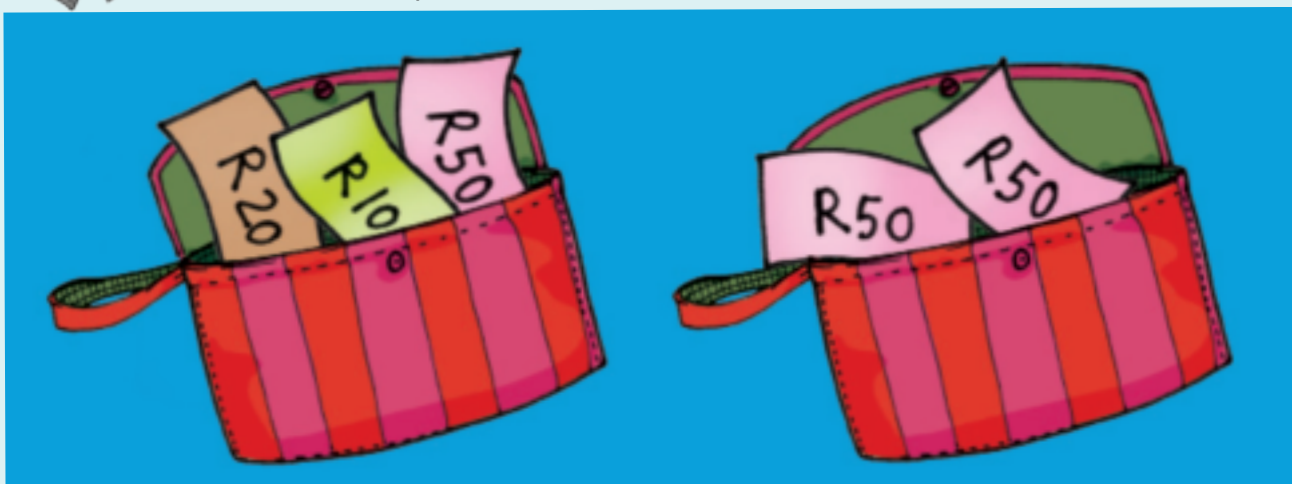
Sign:

Date:



# Imali yeliphepha

Inganani imali lesesipatjini sami?



Sika emaphepha-mali kuLokujutjiwe 3 bese unamatsisela emanani lafanele lapha.

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





Mangakhi emaRandi sekawonkhe?















Tibalo-magama.

Ngonge R50. Ngatfolo R20 welusuku lwami lwekotalwa. Senginamalini nyalo?

---

Ngina R90. Ngitsenge incwadzi nga R30. Sengisele namalini?

---



Teacher:

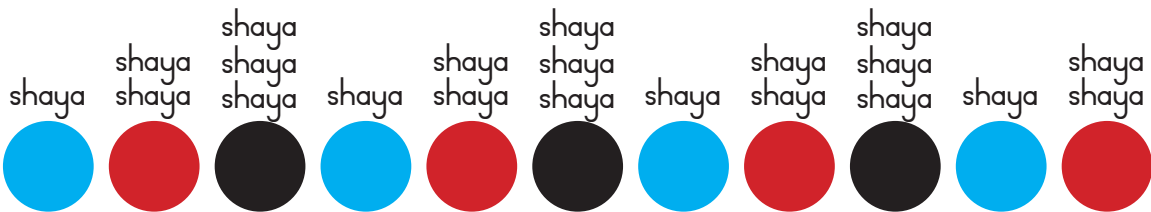
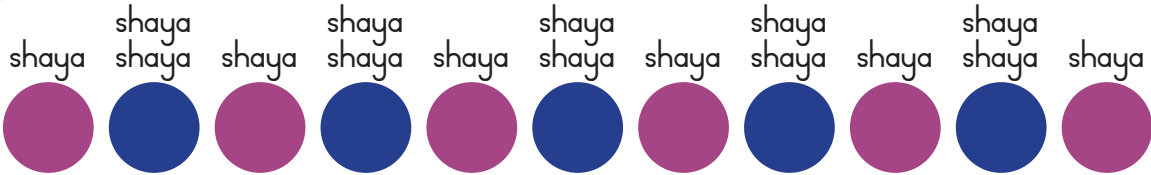
Sign:

Date:

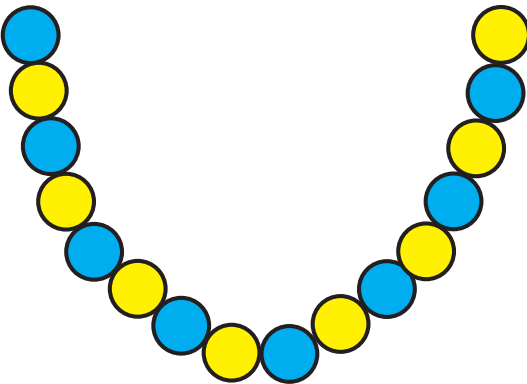
## Emaphethini



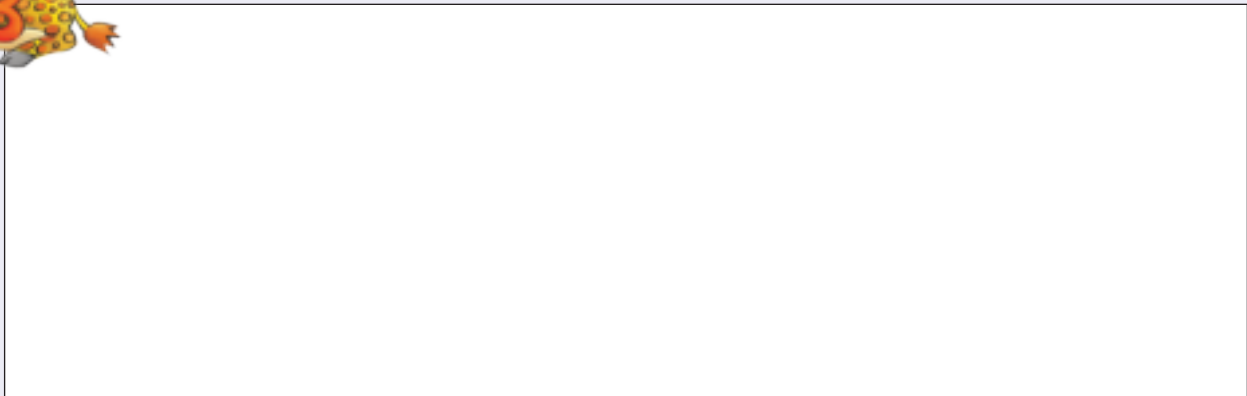
Shaya tandla ulandzele lephethini.



Kopa iphethini. Sebentisa Lokujutjiwe 4.

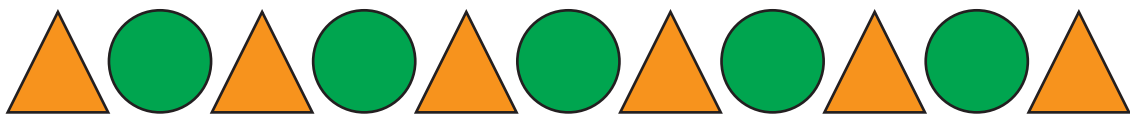
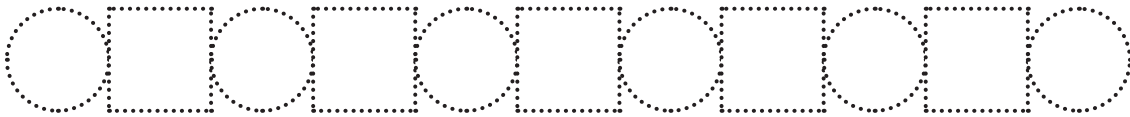


Yenta sitfombe sakho ngebuhlalu lobusele. Sebentisa Lokujutjiwe 4.

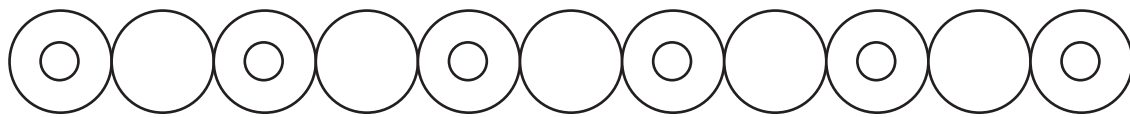
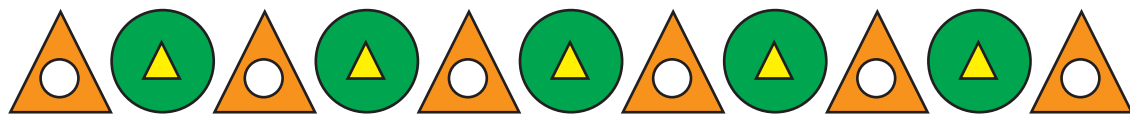




Kopa lamaphethini lalandzelako.



Kopa emaphethini.



Teacher:

Sign:

Date:



## Lokwengetiwe ngemaphethini

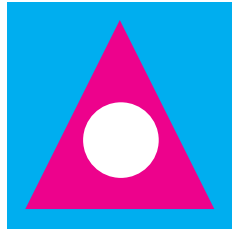
Lusuku:



Chaza iphethini ngayinye ngemagama. Lamagama langaphasi angakusita.



calandze



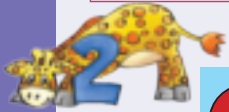
sikwele



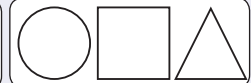
calantsatfu



imibala



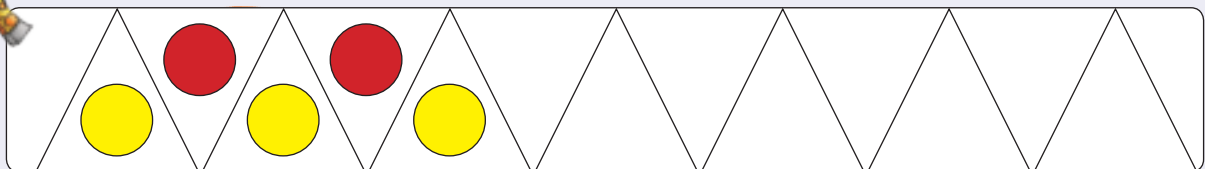
Khetsa bese ufaka umbala kuleyo phethini letawulandzela.



Dvweba iphethini lelandzelako.



Khulisa lephethini.

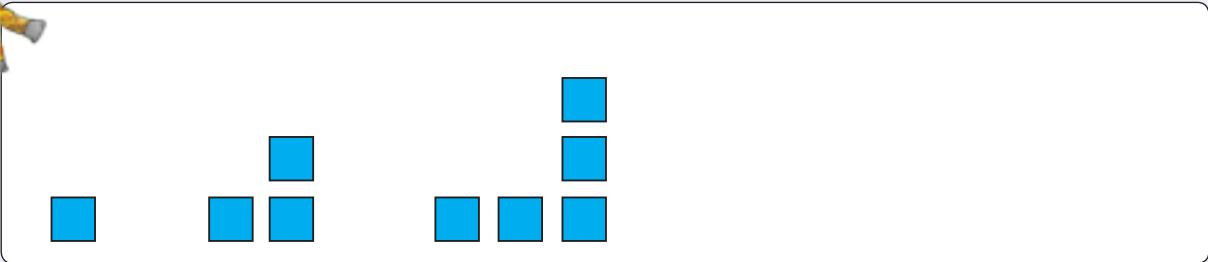




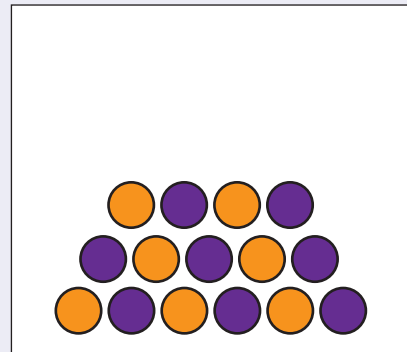
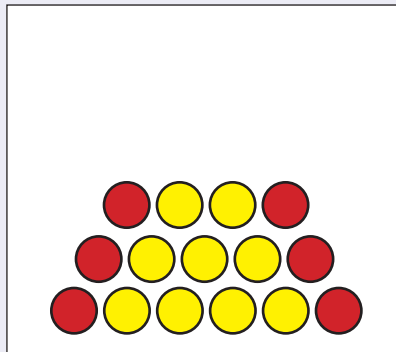
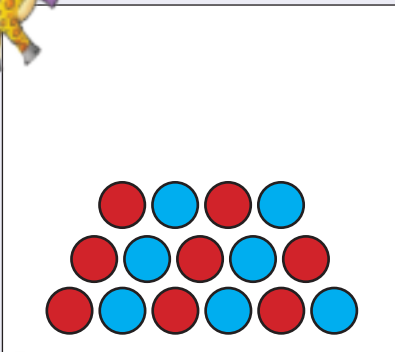
Dvweba emaphethini akho ngekusebentisa



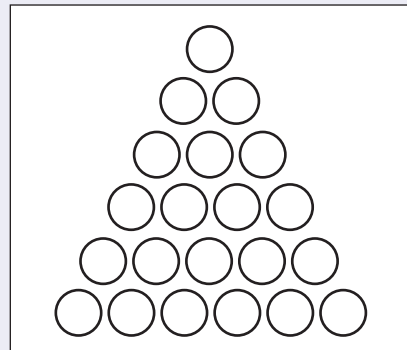
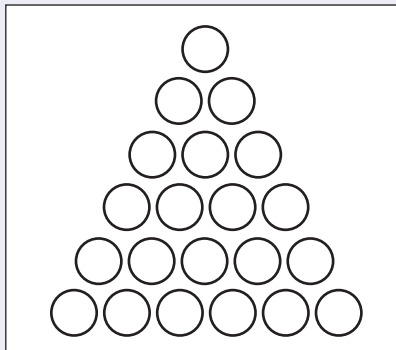
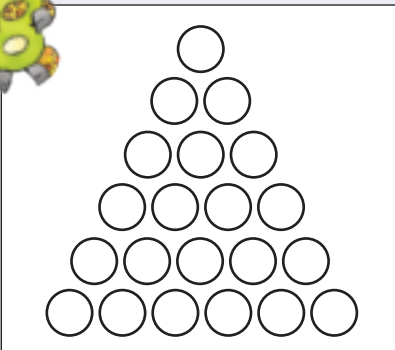
Dvweba iphethini lelandzelako.



Cedzela loku lokulandzelako kute ube nendilinga yinge etulu.



Yakha emaphethini emibala akho ngekusebentisa labobunjwa labangaphasi.



Teacher:  
Sign:  
Date:

Kuphindzaphindza:  $\times 2$ 

Mangakhi emaswidi lakhona etafuleni ngalinye?



Uwabale kanjani lamaswidi?  
(labanye bantfwana bangatsi 1,  
2, 3... labanye batsi 2, 4, 6 ...)



Cedzela loku lokulandzelako. Kwekucala sesikwentele.



4 emacembu a 2

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

$$4 \times 2 = 8$$



5 emacembu a 2

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

$$5 \times 2 =$$



6 emacembu a 2

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

$$6 \times 2 =$$



7 emacembu a 2

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

$$7 \times 2 =$$



8 emacembu a 2

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

$$8 \times 2 =$$



Yenta umdvwebo waloku lokulandzelako.

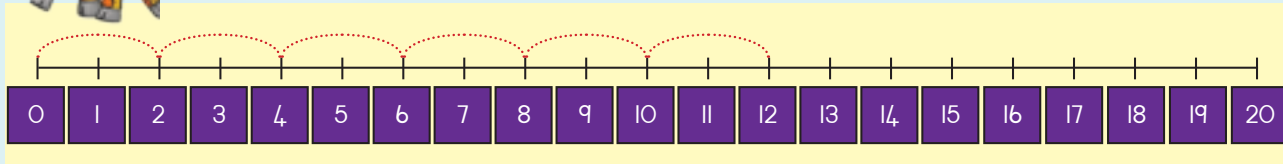
3 emacembu a 2

4 emacembu a 2

9 emacembu a 2



Yenta umdvwebo waloku lokulandzelako ugcalise timphendvulo ngentasi.



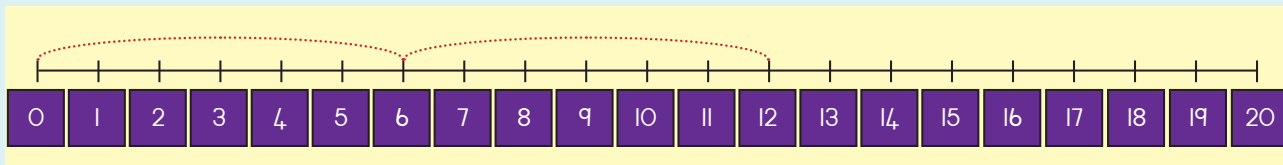
2, 4, 6, 8, \_\_\_\_, \_\_\_\_

$$2 + 2 + 2 + 2 + 2 + 2 = \boxed{\phantom{00}}$$

$$6 \text{ emacembu a } 2 = \boxed{\phantom{00}}$$

$$6 \times 2 = \boxed{\phantom{00}}$$

Umdvwebo



6, \_\_\_\_

$$6 + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$2 \text{ emacembu a } \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$2 \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Umdvwebo



Sayobi sinje sinemehlo lasi-8. Ngabe tayobi letisi-7 tinamangakhi emehlo?



2 4 6 8 10 12 14

16 18 20 22 24 26



Teacher:

Sign:

Date:



Kuphindzaphindza:  $\times 5$ 

Mangakhi emaswidi lakhona etafuleni ngalinye?



Cedzela loku lokulandzelako. Kwekucala sesikwentele.



3 emacembu a 5

$5 + 5 + 5 = 15$

$3 \times 5 = 15$



2 emacembu a 5

$5 + 5 =$

$2 \times 5 =$



4 emacembu a 5

$5 + 5 + 5 + 5 =$

$4 \times 5 =$



6 emacembu a 5

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

$6 \times 5 =$



7 emacembu a 5

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

$7 \times 5 =$



Yenta umdvwebo waloku lokulandzelako.

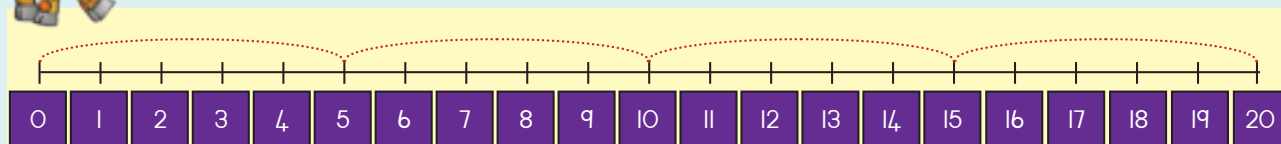
3 emacembu a 5

4 emacembu a 5

5 emacembu a 5



Yenta umdvwebo waloku lokulandzelako ugqwalise timphendvulo ngentasi.



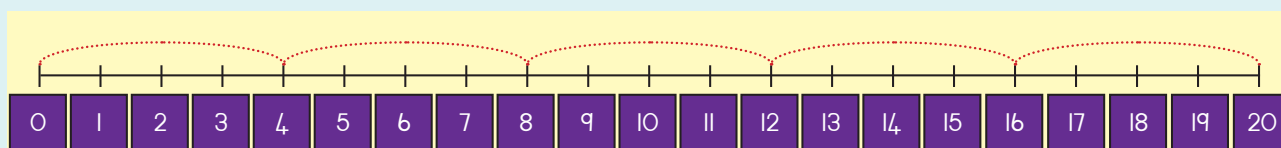
5, 10, 15, \_\_\_\_

$$5 + 5 + 5 + 5 = \boxed{\phantom{00}}$$

$$4 \text{ emacembu a } 5 = \boxed{\phantom{00}}$$

$$4 \times 5 = \boxed{\phantom{00}}$$

Umdvwebo



4, 8, 12, \_\_\_\_, \_\_\_\_

$$4 + 4 + 4 + 4 + 4 = \boxed{\phantom{00}}$$

$$5 \text{ emacembu a } 4 = \boxed{\phantom{00}}$$

$$5 \times 4 = \boxed{\phantom{00}}$$

Umdvwebo



5 10 15 20 25 30  
35 40 45 50



Teacher:

Sign:

Date:



## Tindzaba ngekuphindzaphindza

Yenta indzaba yakho ngekusebentisa sibalo lesiphelele setindlebe, emehlo, tandla kanye netinyawo.

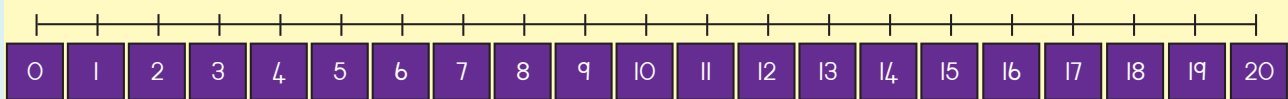


Sibangani labali-10. Sinetandla letingakhi?

Yenta umdvwebo.

Wukhombise ngetintfo tekubala.

Wukhombise kumugca-nombolo.


 +  = 
 ×  =

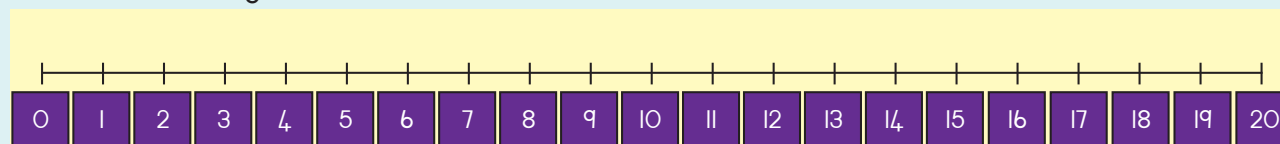


Umndeni wa Susan unemapheya lali-10 eticatfulo. Baneticatfulo letingakhi?

Yenta umdvwebo.

Wukhombise ngetintfo tekubala.

Wukhombise kumugca-nombolo.



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

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



Bhala yakho indzaba usebentise bantfwana labasi-6 netandla tabo.


5 10 15 20 25 30 35



Teacher:  
Sign:  
Date:

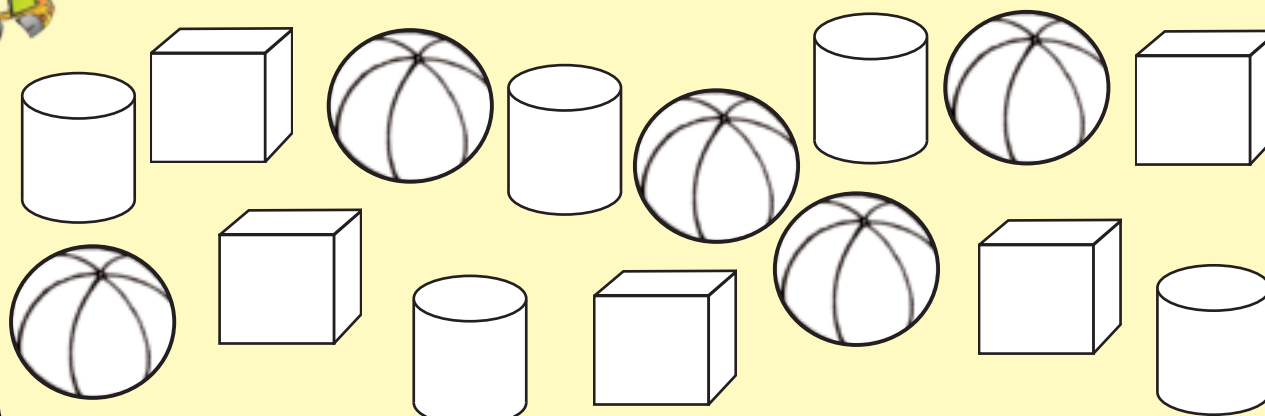
11 12 13 14 15 16 17 18 19 20



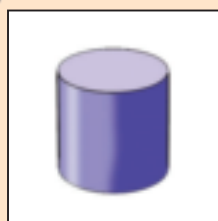
## Timo sakhiwo letibusontsatfu (3D)



Faka umbala lobovu kuwo onkhe lamabhola, lolingangane kulamabhokisi kanye naloluhlata kulemibhoshongo.

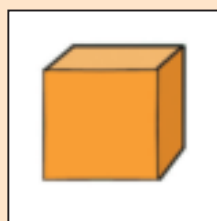


Khetsa ligama lelifanele.



imiphetfo lecondzile

imiphetfo legwenjile



imiphetfo lecondzile

imiphetfo legwenjile



imiphetfo lecondzile

imiphetfo legwenjile

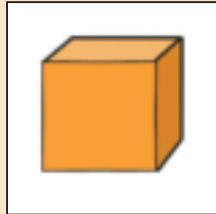


Shano kutsi lentfo itawugicika nobe itawushelela.



itawugicika

itawushelela



itawugicika

itawushelela

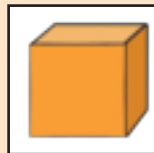


itawugicika

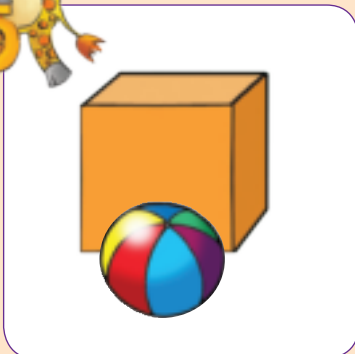
itawushelela



Kungakhi kwaletintfo lokubonako kulesitfombe: imibhoshongo, emabhokisi nemabhola?

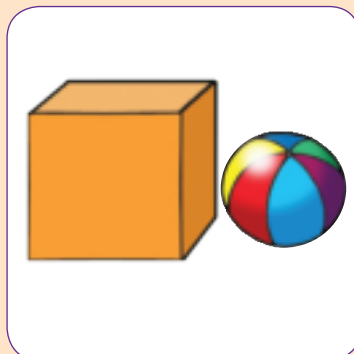


Ikuphi ibhola? Embi kwelibhokisi? Eceleni? Ngemuva? Ngetulu?



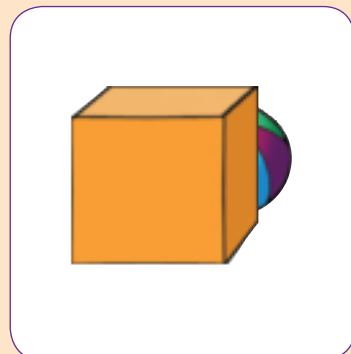
embi kwe \_\_\_ eceleni \_\_\_

ngemva kwe \_\_\_ etu  
kwe \_\_\_



embi kwe \_\_\_ eceleni \_\_\_

ngemva kwe \_\_\_ etu  
kwe \_\_\_



embi kwe \_\_\_ eceleni \_\_\_

ngemva kwe \_\_\_ etu  
kwe \_\_\_



Teacher:

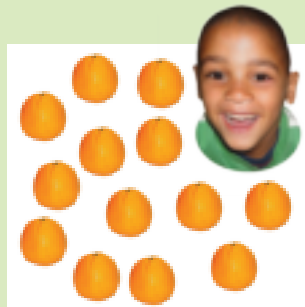
Sign:

Date:

Hlela ucatsanise tinombolo: 1 – 40



Ngubani lonemawolintji lamanyenti?



Ngubani lonemahhabhula lamanyenti?



Gcwalisa emabhokisi langenalutfo.

|    |    |   |   |    |    |   |    |  |    |
|----|----|---|---|----|----|---|----|--|----|
| 1  | 2  | 3 | 4 | 5  |    | 7 |    |  | 10 |
|    | 12 |   |   |    | 16 |   | 18 |  |    |
| 21 |    |   |   | 25 | 26 |   |    |  | 30 |
| 31 |    |   |   |    | 36 |   |    |  | 40 |



Buka kulobuhlalu bese uphendvula lemibuto.

Nguyiphi inombolo lencane kuna 8?

Nguyiphi inombolo lenkhulu kuna 13?

Nguyiphi inombolo lencane kuna 20?

Nguyiphi inombolo lencane kuna 24?



Faka umbala lolingangane etinombolweni letincane kuna 10 kantsi kuletingetulu kwa 10 faka lobovu.

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

Faka umbala loluhlata etinombolweni letincane kuna 30 kantsi tingetulu kwa 24.

|    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|
| 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
|----|----|----|----|----|----|----|----|----|----|----|

Faka umbala lomtfubi etinombolweni letincane kuna 40 kantsi tingetulu kwa 36.

|    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|
| 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
|----|----|----|----|----|----|----|----|----|----|----|

Faka umbala lomtfubi etinombolweni leticondzile bese ufaka loluhlata etinombolweni lugweje.

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



Nguyiphi inombolo lugweje leta ngemuva kwa 10?

Nguyiphi inombolo lecondzile leta ngaphambi kwa 10?

Bhala phasi tinombolo leticondzile emkhatsini wa 14 na 24?

Bhala phasi tinombolo lugweje emkhatsini wa 5 na 15?

Nguyiphi inombolo lugweje leta nje ngemuva kwa 21?

Nguyiphi inombolo lecondzile leta nje ngaphambi kwa 24?

Bhala phasi tinombolo leticondzile emkhatsini wa 20 na 30?

Bhala phasi tinombolo lugweje emkhatsini wa 20 na 30?



Teacher:

Sign:

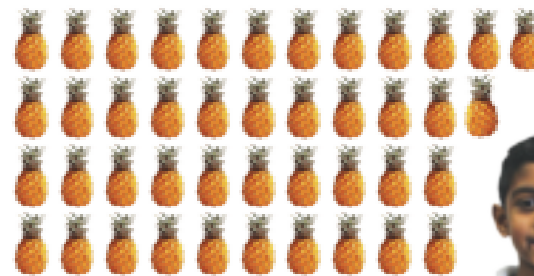
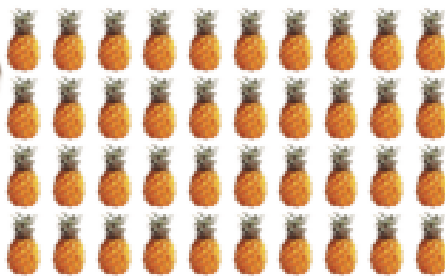
Date:



Hlela ucatsanise: 40 – 50



Ngubani lonabophayinaphu labanyenti?



Bala buhlalu bese ugcalisa emabhokisi langenalutfo.

|   |   |   |   |   |  |  |    |    |  |
|---|---|---|---|---|--|--|----|----|--|
|   |   |   |   |   |  |  |    |    |  |
| 1 | 2 | 3 | 4 | 5 |  |  |    |    |  |
|   |   |   |   |   |  |  |    |    |  |
|   |   |   |   |   |  |  |    | 19 |  |
|   |   |   |   |   |  |  |    |    |  |
|   |   |   |   |   |  |  | 28 |    |  |

|    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|
|    |    |    |    |    |    |    |    |    |    |
|    | 32 |    |    |    |    |    |    |    |    |
|    |    |    |    |    |    |    |    |    |    |
|    |    |    |    |    |    |    |    |    | 30 |
|    |    |    |    |    |    |    |    |    |    |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |



Buka kulobuhlalu bese uphendvula lemibuto.

Nguyiphi inombolo lencane kuna 3?

Nguyiphi inombolo lenkhulu kuna 31?

Nguyiphi inombolo lencane kuna 38?

Nguyiphi inombolo lencane kuna 47?



|    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|
| 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
|----|----|----|----|----|----|----|----|----|----|----|

[illegible]

|    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|
| 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
|----|----|----|----|----|----|----|----|----|----|----|

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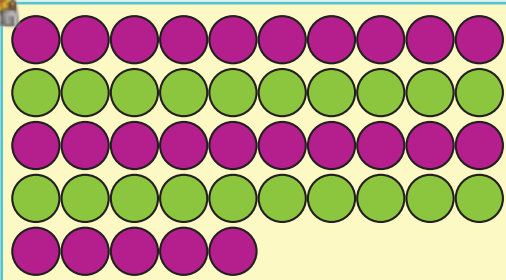


Date:

## Tinombolo 40 – 50



Bungakhi buhlalu lobulapha?

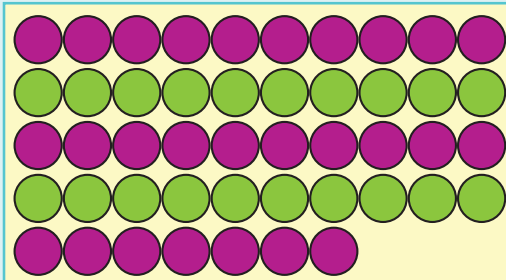


Inombolo

45

Singayibhala njenga:

40 + 5 = 45



Inombolo

Singayibhala njenga:

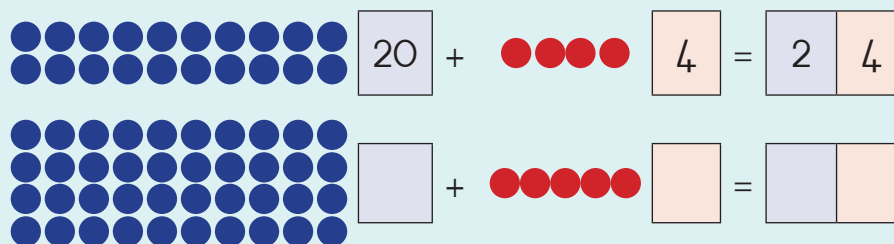
 +  = 


Cedzela loku lokulandzelako.

|    |    |    |  |    |  |  |  |  |  |
|----|----|----|--|----|--|--|--|--|--|
| 20 | 21 | 22 |  |    |  |  |  |  |  |
| 30 |    |    |  | 34 |  |  |  |  |  |
|    |    | 42 |  |    |  |  |  |  |  |



Cedzela loku lokulandzelako.





Bhala emagama aloku.

|    |       |    |       |
|----|-------|----|-------|
| 41 | _____ | 42 | _____ |
| 43 | _____ | 44 | _____ |
| 45 | _____ | 46 | _____ |
| 47 | _____ | 48 | _____ |
| 49 | _____ | 50 | _____ |



Buka sibonelo sekucala bese ucedzela konkhe lokulandzelako.

|    |   |   |         |   |   |            |    |   |  |         |   |  |            |
|----|---|---|---------|---|---|------------|----|---|--|---------|---|--|------------|
| 45 | = | 4 | lishumi | + | 5 | emayunithi | 44 | = |  | lishumi | + |  | emayunithi |
| 43 | = |   | lishumi | + |   | emayunithi | 41 | = |  | lishumi | + |  | emayunithi |
| 42 | = |   | lishumi | + |   | emayunithi | 48 | = |  | lishumi | + |  | emayunithi |



Bhala inombolo lengiyo esibayeni lesingiso.

|    | Emashumi | Emayunithi |
|----|----------|------------|
| 27 |          |            |
| 34 |          |            |
| 46 |          |            |
| 41 |          |            |
| 39 |          |            |



Teacher:

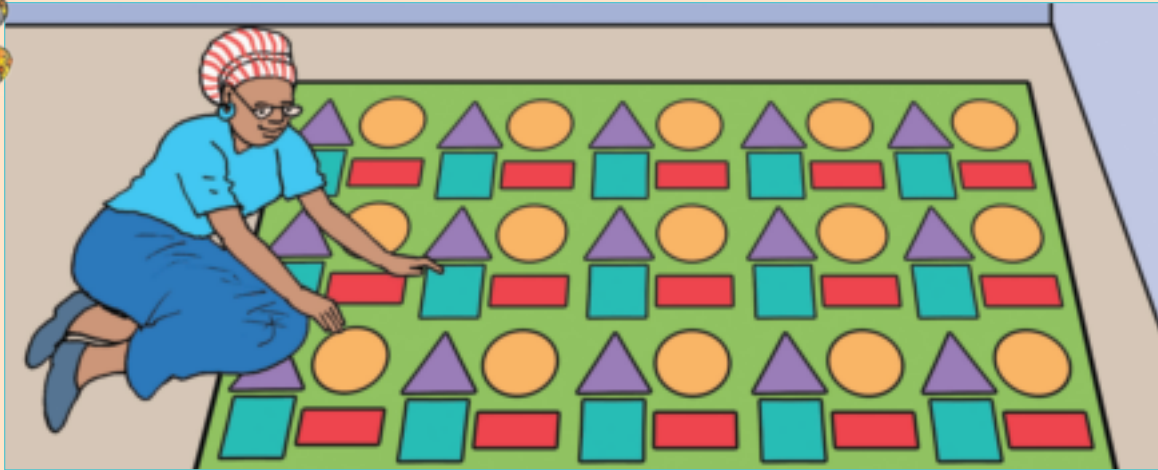
Sign:

Date:

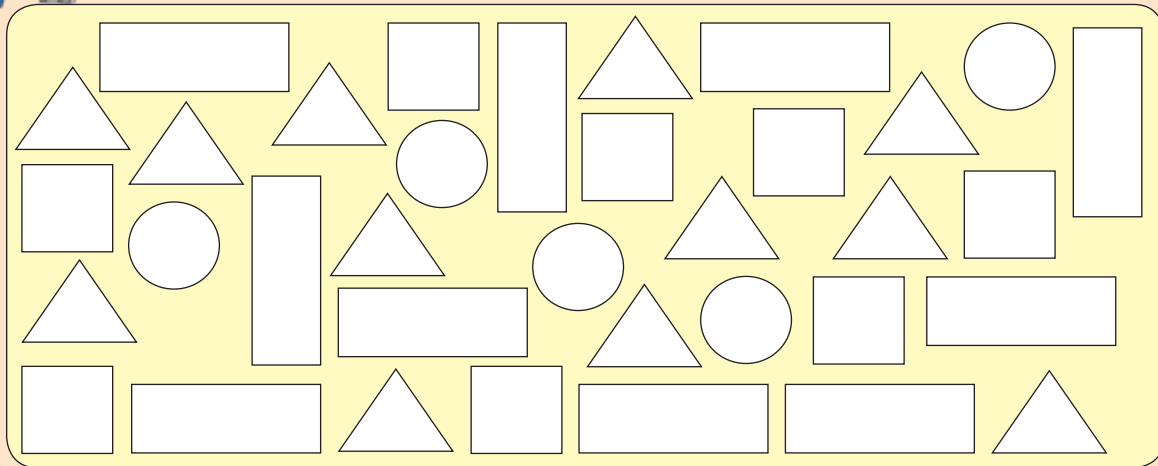


## Tikwele, bocalandze, bocalantsatfu netindilinga

Gogo wente lomtfungo lomuhle. Khombisa bonkhe bobunjwa.



Faka umbala lolingangane kuletikwele, lomtfubi kulabocalandze, loluhlata kulabocalantsatfu kantsi lobovu kuletindilinga.

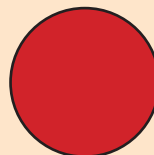


Khetsa bese ufaka umbala emphendvulweni lengiyo.



imiphetfo lecondzile

imiphetfo leyindilinga



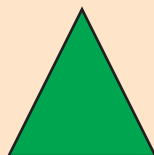
imiphetfo lecondzile

imiphetfo leyindilinga



imiphetfo lecondzile

imiphetfo leyindilinga

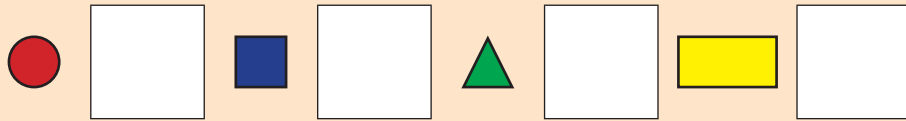
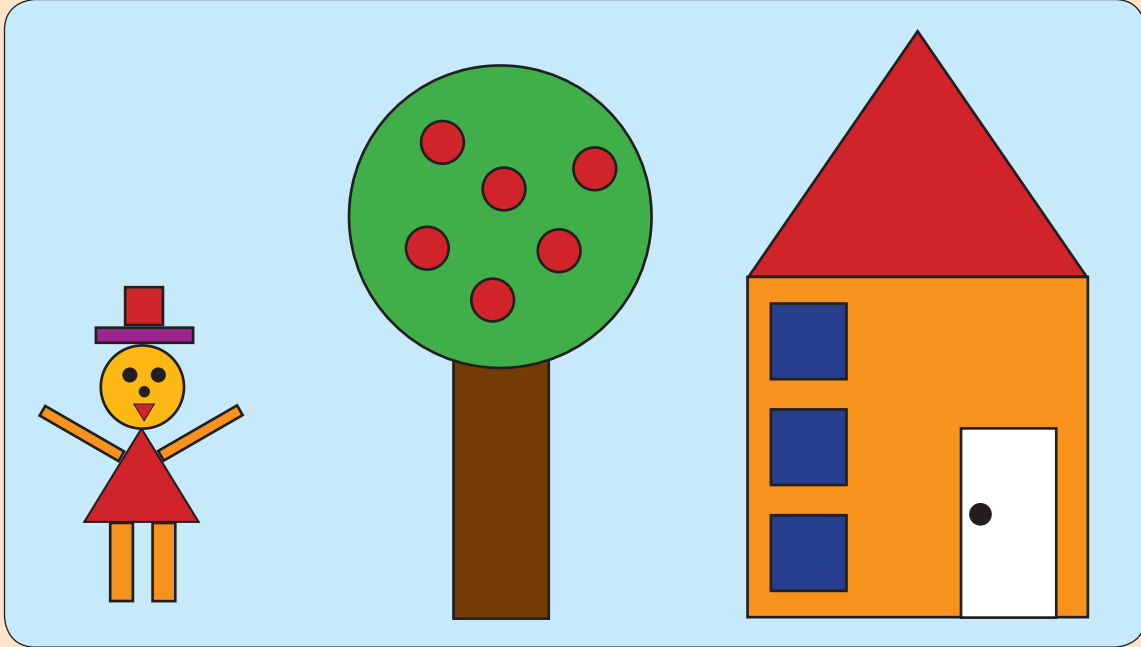


imiphetfo lecondzile

imiphetfo leyindilinga



Bangakhi labobunjwa     lobatfolile?



Dvweba sitfombe sakho usebentise tindilinga, tikwele, bocalantsatfu nabocalandze.



Teacher:

Sign:

Date:

## Kuhlanganisa nekususa kufika ku 20

Kukhumbula masinyane.



|                |                |                 |                |
|----------------|----------------|-----------------|----------------|
| $4 + 5 - 1 =$  | $13 - 9 + 2 =$ | $20 - 7 + 1 =$  | $10 + 5 - 4 =$ |
| $10 + 3 + 2 =$ | $9 + 3 - 2 =$  | $8 - 2 - 1 =$   | $13 - 8 + 1 =$ |
| $9 - 4 - 3 =$  | $18 - 9 - 4 =$ | $7 + 8 + 1 =$   | $16 - 7 + 3 =$ |
| $14 - 6 + 4 =$ | $12 - 5 - 2 =$ | $19 - 10 + 5 =$ | $6 + 5 - 3 =$  |

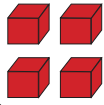
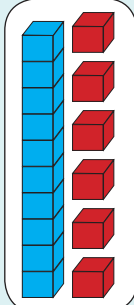


Hlanganisa loku lokulandzelako.

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

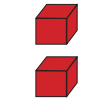
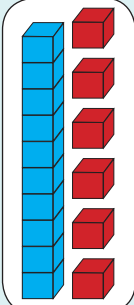


Susa loku lokulandzelako.



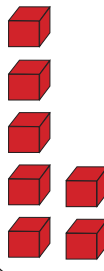
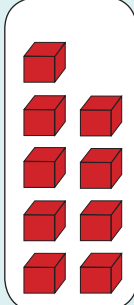
$$= 10 - 6 = 4$$

$$= 10 - 2 = 8$$



$$= \square - \square = \square$$

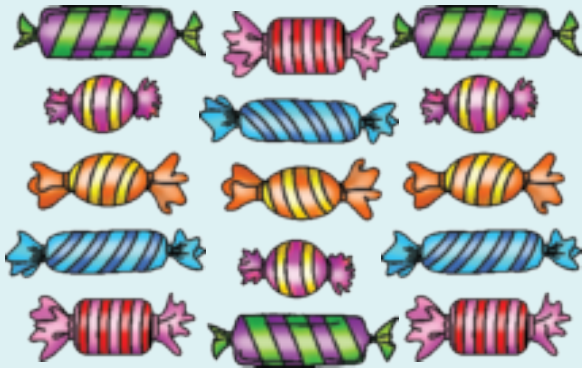
$$= \square + \square = \square$$



$$= \square - \square = \square$$



Ngitsenge emaswidi langu 15. Ngidle 2.  
Nginikete umngani wami 4. Nginemaswidi lamangakhi?



Teacher:

Sign:

Date:



## Kuhlanganisa nekususa kufika ku 50

Kukhumbula masinyane.



|                |                |                 |                |
|----------------|----------------|-----------------|----------------|
| $20 + 2 - 1 =$ | $36 - 6 + 2 =$ | $42 - 2 + 4 =$  | $47 + 4 - 1 =$ |
| $30 + 3 + 6 =$ | $42 + 9 - 1 =$ | $33 - 2 - 1 =$  | $49 - 1 + 2 =$ |
| $55 - 5 - 0 =$ | $38 - 7 - 1 =$ | $45 + 1 + 2 =$  | $50 - 5 + 3 =$ |
| $24 - 3 + 2 =$ | $32 - 5 - 2 =$ | $49 - 10 + 1 =$ | $29 + 5 - 4 =$ |



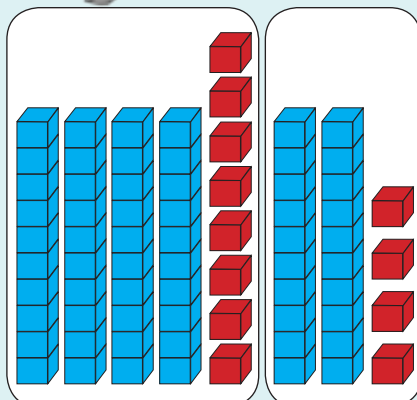
Hlanganisa loku lokulandzelako.

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

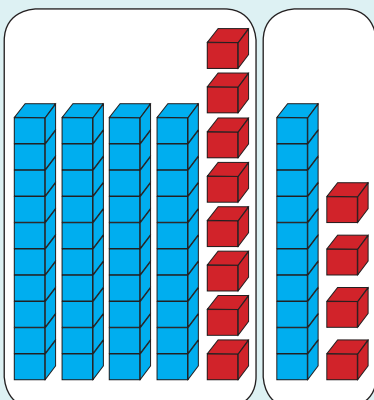
Sale usebentisa indlela yakho.



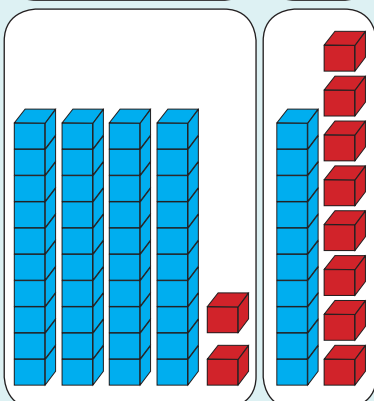
Susa loku lokulandzelako.



$$\begin{aligned}
 &= 40 - 20 + 8 - 4 \\
 &= 40 - 20 + 8 - 4 \\
 &= 20 + 4 \\
 &= 24
 \end{aligned}$$



$$\begin{aligned}
 &= \square - \square - \square - \square \\
 &= \square - \square + \square - \square \\
 &= \square + \square \\
 &= \square
 \end{aligned}$$



$$\begin{aligned}
 &= \square - \square - \square - \square \\
 &= \square - \square + \square - \square \\
 &= \square - \square \\
 &= \square
 \end{aligned}$$



Ngina R10, R5, R20 na R2 kulidlelantfongeni lami. Ngongwe malini?



Teacher:  
Sign:  
Date:

# 39a

Ithemu 2



Lusuku:

## Kuhlanganisa lokwengetiwe

Hlanganisa tinombolo ebhulokini ngalinye bese ubhala linani lesamba.

1 10 5  
10

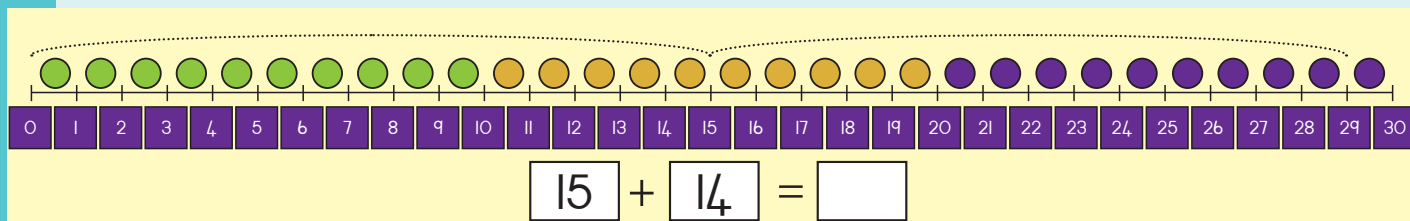
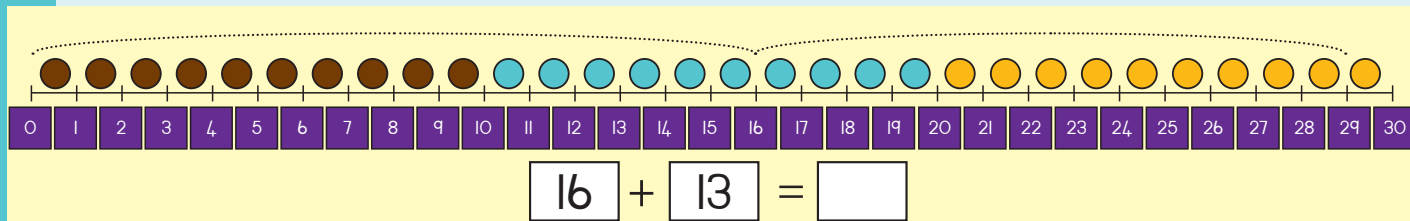
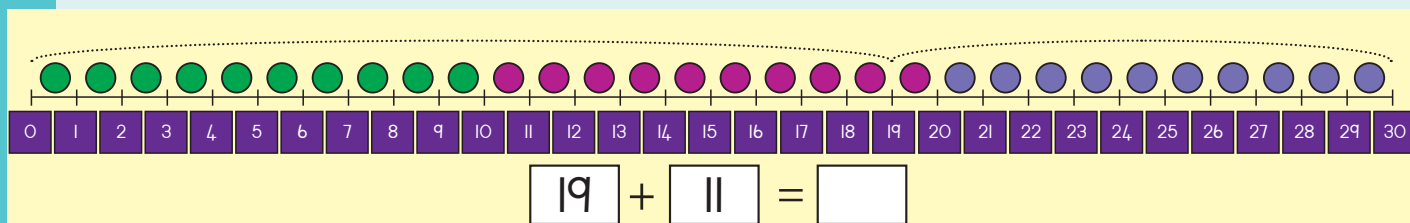
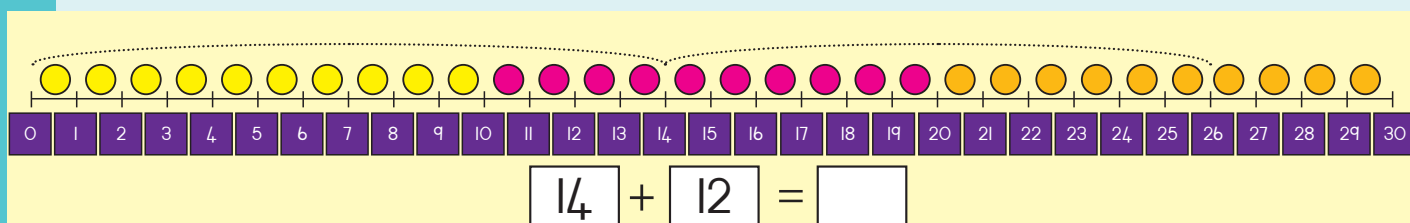
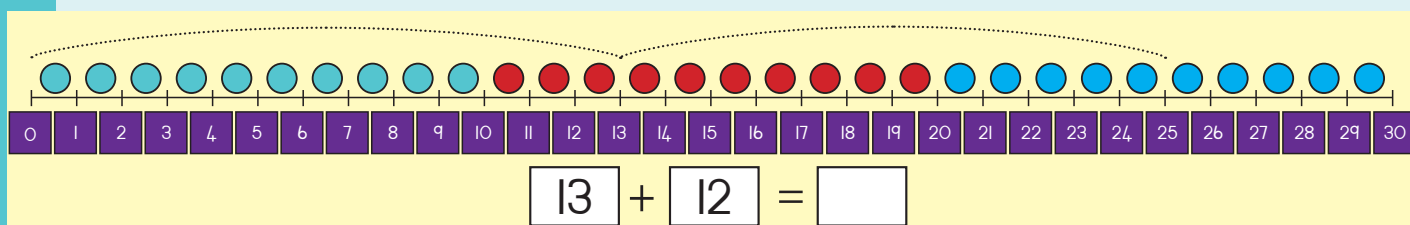
2 10 6  
20

3 20 5  
20

4 20 4  
10



Hlanganisa:





Hlanganisa:

$$12 + 11$$

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

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

$$= \begin{array}{|c|c|} \hline 2 & 0 \\ \hline \end{array} + \begin{array}{|c|} \hline 3 \\ \hline \end{array}$$

$$= \begin{array}{|c|c|} \hline 2 & 3 \\ \hline \end{array}$$

$$13 + 15$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$26 + 12$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$23 + 22$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$24 + 13$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$35 + 12$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$= \begin{array}{|c|} \hline \\ \hline \end{array}$$



Betty utsenge emaswidi aR36, Siphon watsenga aR13. Batsenge ngamalini sejiyonkhe?



Teacher:

Sign:

Date:



## Kuhlanganisa lokwengetiwe (kuyachutjekiswa)



Bhala linani lesamba.

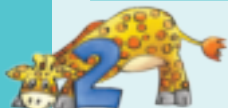
$$12 + 10 = \square$$



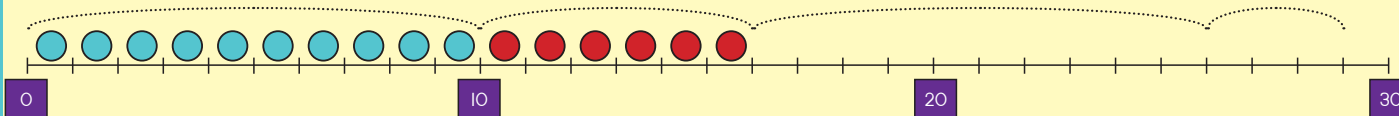
$$15 + 10 = \square$$



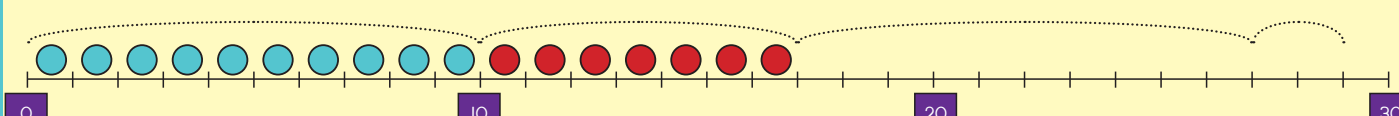
$$19 + 10 = \square$$



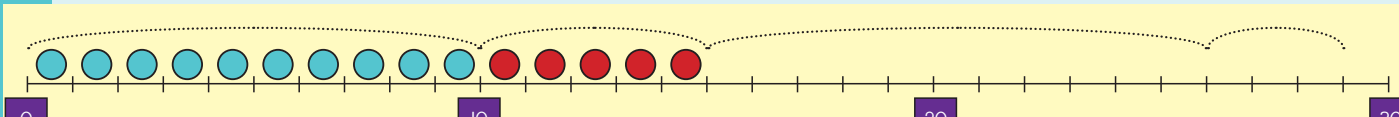
Dweba bonkhe lobuhlalu bese ucedzela letibalo.



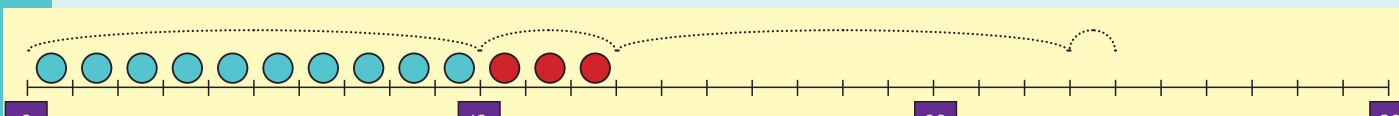
$$\square + \square + \square + \square = \square$$



$$\square + \square + \square + \square = \square$$



$$\square + \square + \square + \square = \square$$



$$\square + \square + \square + \square = \square$$



Cedzela.

$$28 + 11 = 28 + 10 + 1 = 38 + 1 = 39$$

$$34 + 12 = 34 + 10 + 2 = \square + \square = \square$$

$$23 + 13 = 23 + 10 + 3 = \square + \square = \square$$

$$35 + 12 = 35 + 10 + 2 = \square + \square = \square$$

$$26 + 11 = 26 + 10 + 1 = \square + \square = \square$$



Hlanganisa

$$11 + 10 = \square$$

$$23 + 10 = \square$$

$$36 + 10 = \square$$

$$28 + 10 = \square$$

$$37 + 10 = \square$$

$$12 + 10 = \square$$

$$34 + 10 = \square$$

$$29 + 10 = \square$$

$$15 + 10 = \square$$



Samba sa 27 na 16 ngu?

Dvweba sitfombe kukhombisa imphendvulo yakho.



Yenta sibalo sakho semagama ngekusebentisa titfombe.



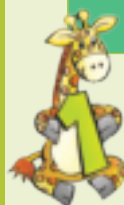
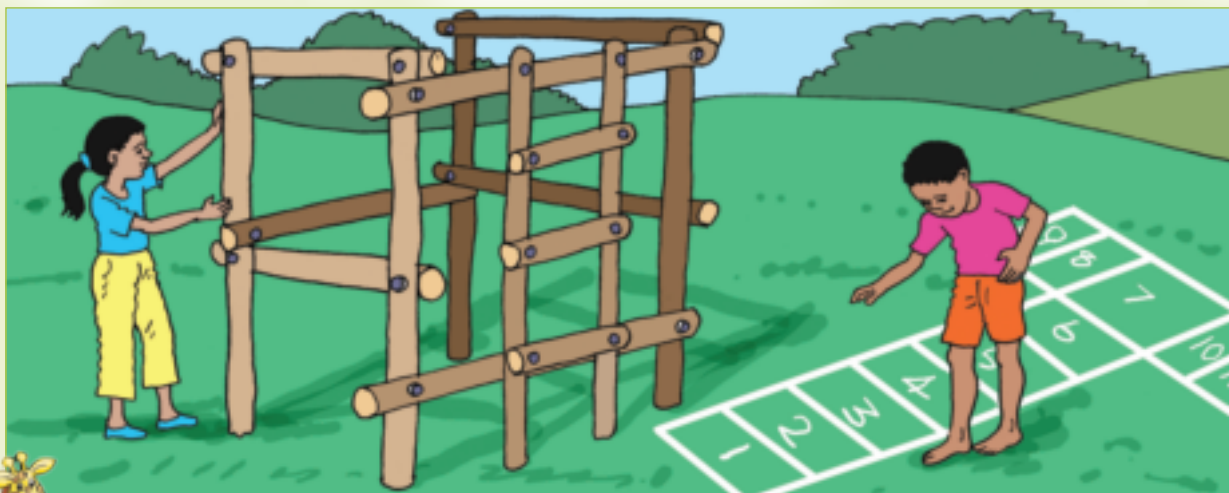
Teacher:

Sign:

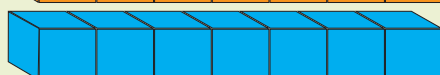
Date:

## Budze

Lusuku:



Faka umbala emphendvulweni lengiyo kukhombisa kutsi ngabe lamahela neluhlu kufishanyana noma kujana, kufishanyana noma kuphakeme, kubantana noma kuncanyana. Faka umbala emphendvulweni yakho ufane nalowo lokumabhuloki.



kufisha

kujana



kufisha

kujana

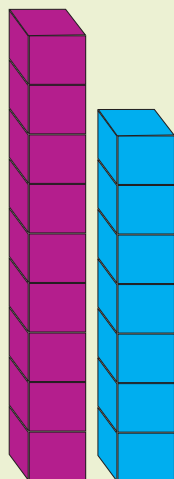


kufisha

kujana

kufisha

kudze



bantana

ncanyana



kufisha

kudze





Khomba kutsi ngumuphi umfana lomudze. Faka umbala lofana nemabhulukwe emfana.



mfisha

mudze



mudze

mfisha



mfisha

mudze

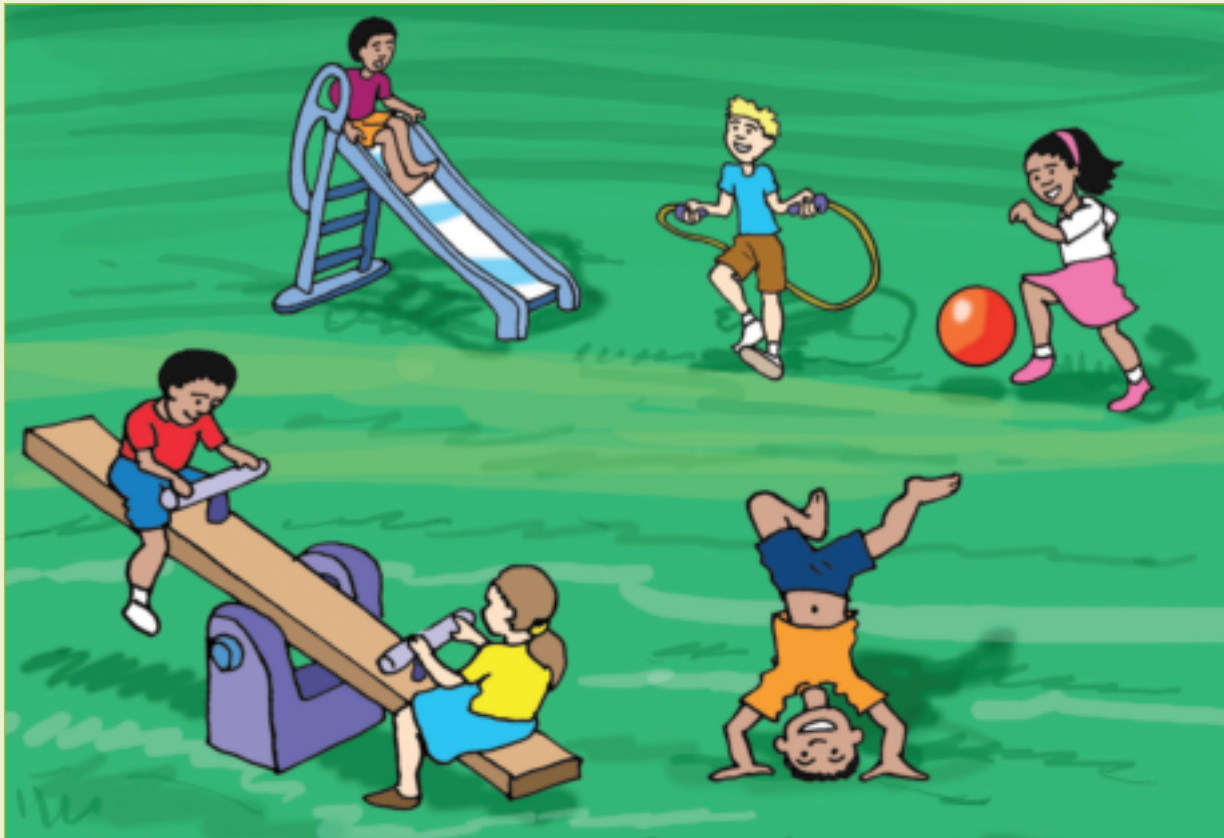


Linganisa emacala elibala lekudlala ngesandla nangelunyawo kuLokujutjiwe I

Ngabe libala lekudlala lidze ngetandla letingakhi?

Ngabe libala lekudlala lidze ngetinyawo letingakhi?

← budze →



Teacher:

Sign:

Date:





Lusuku:

## Kususa (kuyachutjekiswa)



Condzanisa emakhadi netibalo tekususa.

|                           |                           |                           |                           |                           |
|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| <div>10</div>             | <div>10</div>             | <div>10</div>             | <div>10</div>             | <div>10</div>             |
| <div>2</div> <div>2</div> | <div>8</div> <div>8</div> | <div>7</div> <div>7</div> | <div>5</div> <div>5</div> | <div>3</div> <div>3</div> |

$$17 - 7 = 10$$

$$12 - 2 = 10$$

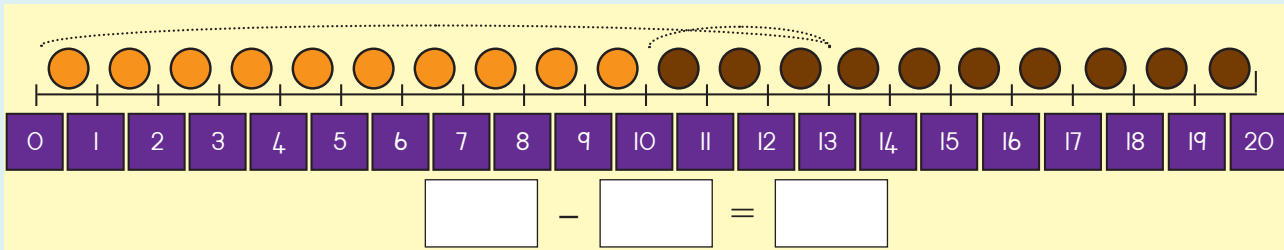
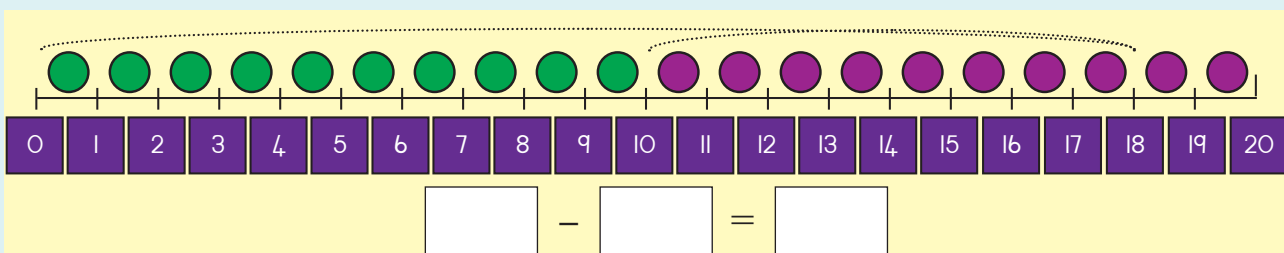
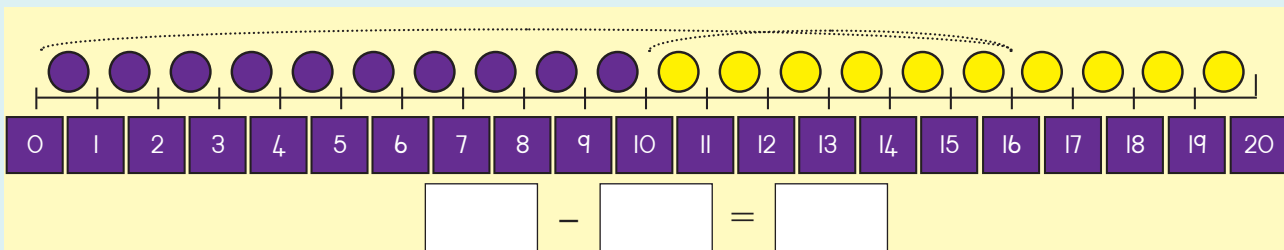
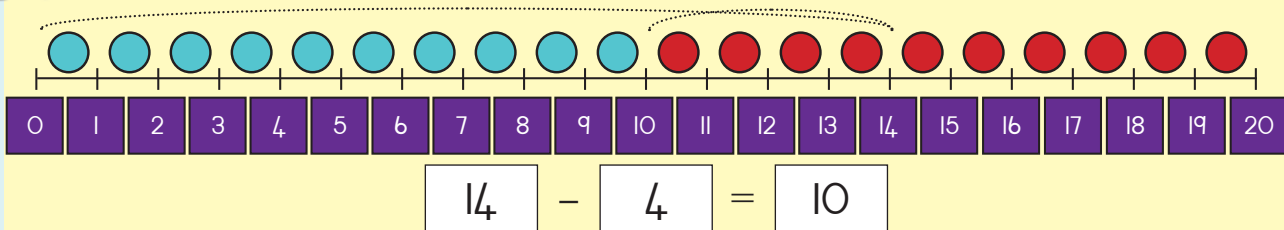
$$15 - 5 = 10$$

$$13 - 3 = 10$$

$$18 - 8 = 10$$



Sebentisa lomugca-nombolo. Bhala sibalo sekususa.





Kususa.

$$\begin{array}{l} 10 \text{ } 3 - 3 = \square \\ 10 \text{ } 5 - 5 = \square \\ 10 \text{ } 1 - 1 = \square \\ 10 \text{ } 4 - 4 = \square \\ 10 \text{ } 9 - 9 = \square \end{array}$$

$$\begin{array}{l} 10 \text{ } 2 - 2 = \square \\ 10 \text{ } 7 - 7 = \square \\ 10 \text{ } 6 - 6 = \square \\ 10 \text{ } 8 - 8 = \square \\ 10 \text{ } 9 - 5 = \square \end{array}$$



Kususa.

$$\begin{array}{l} 16 - 13 \\ \begin{array}{l} 10 \quad 10 \quad 20 \\ 6 - 3 = 3 \end{array} \\ 16 - 13 = 3 \end{array}$$

$$\begin{array}{l} 14 - 12 \\ \begin{array}{l} 10 \quad 10 \quad \square \\ 4 - 2 = \square \end{array} \\ 14 - 12 = \square \end{array}$$

$$\begin{array}{l} 27 - 11 \\ \begin{array}{l} 20 \quad 10 \quad \square \\ 7 - 1 = \square \end{array} \\ \square - \square = \square \end{array}$$

$$\begin{array}{l} 35 - 13 \\ \begin{array}{l} 30 \quad 10 \quad \square \\ 5 - 3 = \square \end{array} \\ \square - \square = \square \end{array}$$

$$\begin{array}{l} 26 - 12 \\ \begin{array}{l} 20 \quad 10 \quad \square \\ 6 - 2 = \square \end{array} \\ \square - \square = \square \end{array}$$

$$\begin{array}{l} 48 - 11 \\ \begin{array}{l} 40 \quad 10 \quad \square \\ 8 - 1 = \square \end{array} \\ \square - \square = \square \end{array}$$



Lisa unetintfo tekubala letingu 17. Ulahlekelwe tintfo tekubala letingu 8.



Usele netintfo tekubala letingakhi?



Teacher:

Sign:

Date:

# 42a

Ithemu 2

Lusuku:

## Lokunye ngekususa



Khipha tinombolo letingaphasi kuleti letingetulu.

|               |             |             |             |
|---------------|-------------|-------------|-------------|
| 10<br>7<br>17 | 20<br>2<br> | 30<br>8<br> | 40<br>9<br> |
| 10<br>5<br>15 | 10<br>1<br> | 10<br>5<br> | 10<br>4<br> |
| 2             |             |             |             |



Sebentisa lomugca-nombolo. Bhala sibalo sekususa.

|           |    |    |    |
|-----------|----|----|----|
| 0         | 10 | 20 | 30 |
| 25 - 12 = |    |    |    |
| 0         | 10 | 20 | 30 |
| - =       |    |    |    |
| 0         | 10 | 20 | 30 |
| - =       |    |    |    |
| 0         | 10 | 20 | 30 |
| - =       |    |    |    |
| 0         | 10 | 20 | 30 |
| - =       |    |    |    |



Kususa.

$$45 - 23$$

$$= 40 + 5 - 20 - 3$$

$$= 40 - 20 + 5 - 3$$

$$= 20 + 2$$

$$= 22$$

$$38 - 16$$

$$= \square - \square - \square - \square$$

$$= \square - \square + \square - \square$$

$$= \square + \square$$

$$= \square$$

$$29 - 14$$

$$= \square - \square - \square - \square$$

$$= \square - \square + \square - \square$$

$$= \square + \square$$

$$= \square$$

$$48 - 11$$

$$= \square - \square - \square - \square$$

$$= \square - \square + \square - \square$$

$$= \square + \square$$

$$= \square$$

$$35 - 23$$

$$= \square - \square - \square - \square$$

$$= \square - \square + \square - \square$$

$$= \square + \square$$

$$= \square$$

$$38 - 15$$

$$= \square - \square - \square - \square$$

$$= \square - \square + \square - \square$$

$$= \square + \square$$

$$= \square$$



Teacher:

Sign:

Date:



# 42b

Ithemu 2



Lusuku:

## Lokwengetiwe ngekunciphisa



Susa bese ufaka imphendvulo ebhokisini lelingenalutfo.

$$\boxed{22} - \boxed{10} = \boxed{\phantom{00}}$$



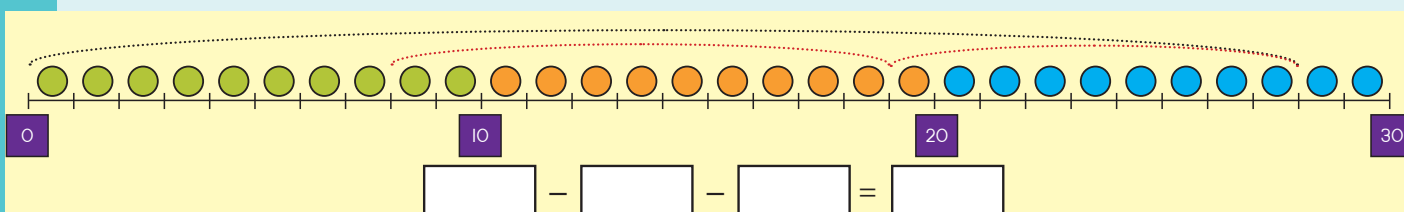
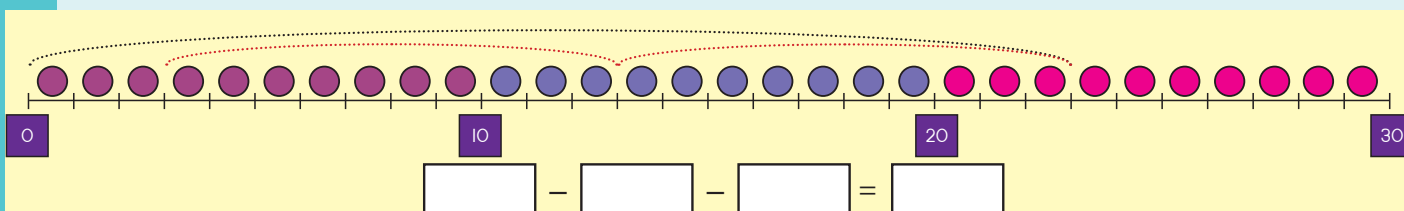
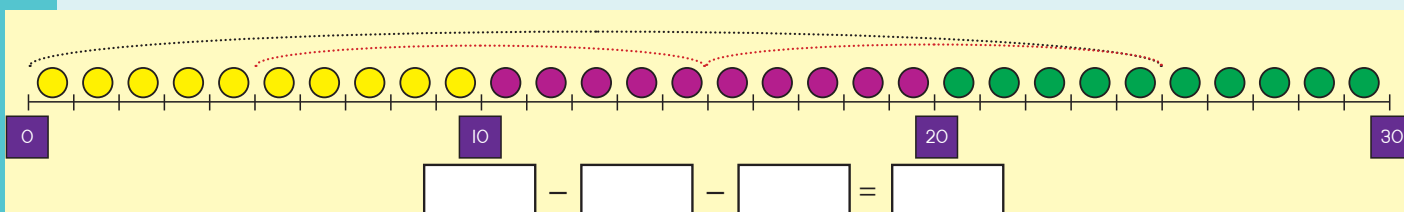
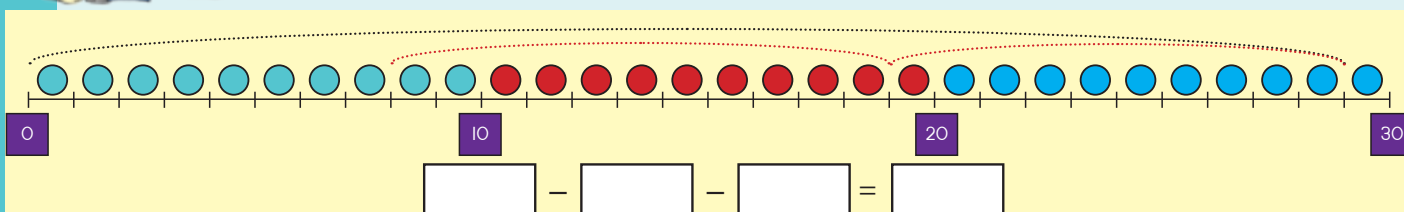
$$\boxed{25} - \boxed{10} = \boxed{\phantom{00}}$$



$$\boxed{29} - \boxed{10} = \boxed{\phantom{00}}$$



Cedzela tibalo tekususa.





Cedzela.

$$46 - 13 = \square$$

$$49 - 23 = \square$$

$$38 - 14 = \square$$

$$27 - 16 = \square$$

$$25 - 11 = \square$$

$$46 - 32 = \square$$



Susa.

$$\begin{array}{l} 21 - 10 = \square \\ 28 - 10 = \square \\ 34 - 10 = \square \end{array}$$

$$\begin{array}{l} 43 - 10 = \square \\ 27 - 10 = \square \\ 37 - 10 = \square \end{array}$$

$$\begin{array}{l} 16 - 10 = \square \\ 22 - 10 = \square \\ 45 - 10 = \square \end{array}$$

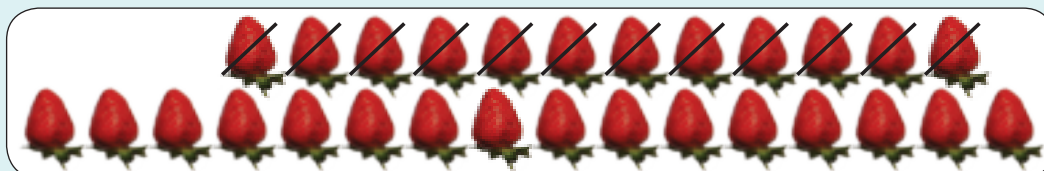


Umehluko emkhatsini wa 35 na 20 ngu? Dvweba sitfombe kukhombisa imphendvulo yakho.

$$35 - 20 = \square$$



Yenta sibalo semagama sakho ngekusebentisa titfombe.



Teacher:

Sign:

Date:



## Kwesindza nebumalula

Buka sitfombe ngasinye bese uphendvula umbuto.

Ngukuphi lokumalula kakhulu? Ngukuphi lokwesindza kakhulu?



Namatsisela noma udvwebe titfombe taloku.

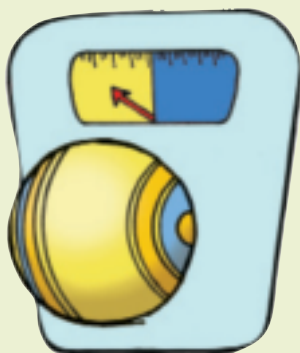
Tintfo letesindzako

Tintfo letimalula

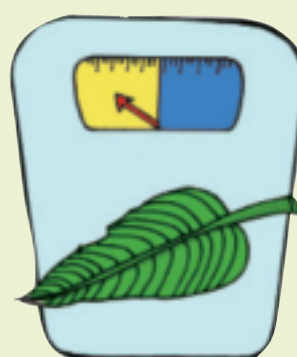
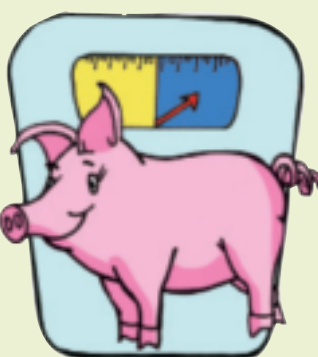
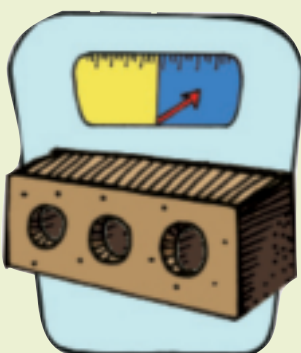
|  |  |
|--|--|
|  |  |
|--|--|



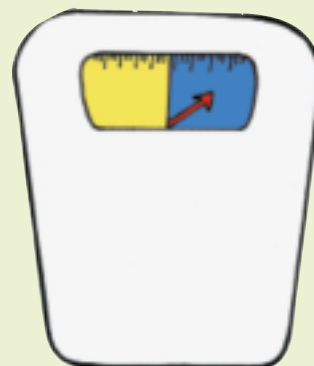
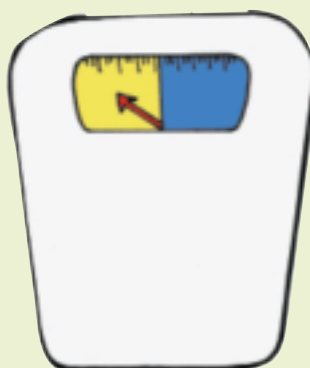
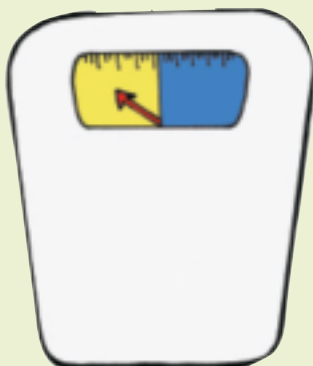
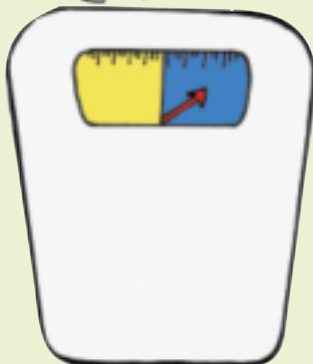
Uma butjoki lobubovu bukhombe kulelcala lelimtfubi lentfo imalula kantsi uma bukhombe ecaleni lelilingangane intfo iyesindza. Bhala kumalula noma kuyesindza.



kumalula



Dvweba noma unamatsisele tintfo kuye ngaloko lokukhonjiswa ngulesikali.



Teacher:

Sign:

Date:





## Emaphethini etinombolo: ngakubili

Asibaleni ngakubili.



Dvweba nobe namatsisela tintfo letita ngatimbili.

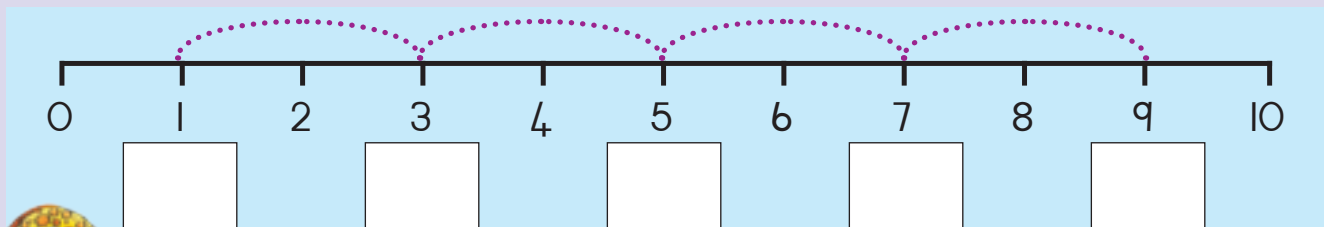
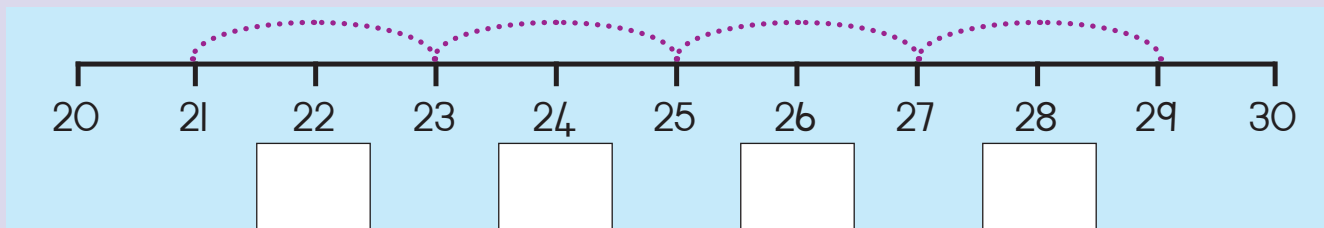
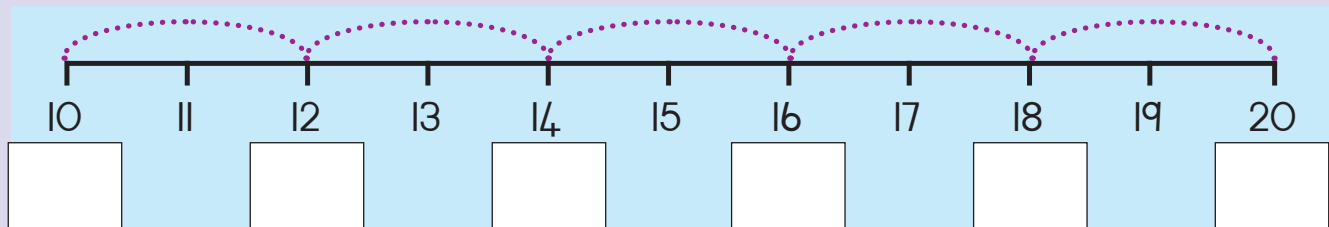
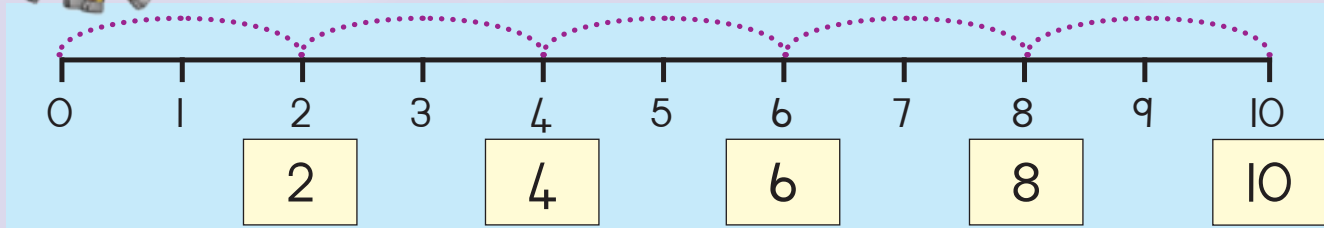


Siyicalile iphethini. Yicedzele.

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



Sebentisa lomugca-nombolo kubhala iphethini.



Cedzela loku lokulandzelako.

2, 4, 6, \_\_, \_\_, \_\_

62, 64, 66, \_\_, \_\_, \_\_

44, 46, 48, \_\_, \_\_, \_\_

1, 3, 5, \_\_, \_\_, \_\_

13, 15, 17, \_\_, \_\_, \_\_

55, 57, 59, \_\_, \_\_, \_\_

10, 8, 6, \_\_, \_\_, \_\_

98, 96, 94, \_\_, \_\_, \_\_

26, 24, 22, \_\_, \_\_, \_\_

11, 9, 7, \_\_, \_\_, \_\_

29, 27, 25, \_\_, \_\_, \_\_

95, 93, 91, \_\_, \_\_, \_\_



2 4 6 8 10 12 14 16 18 20



Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

45

Ithemu 2



Lusuku:

## Kuphindza kabili

Bukisisa sitfombe sekucala nesesibili. Kwentekeni?

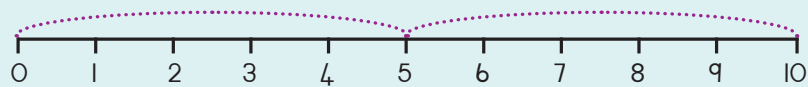
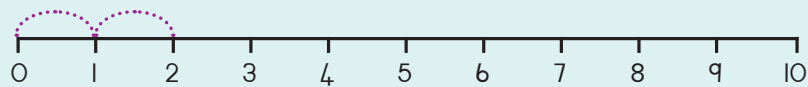
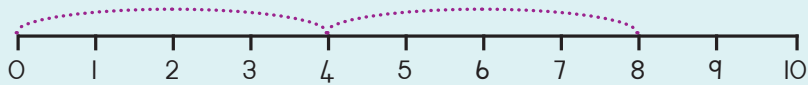
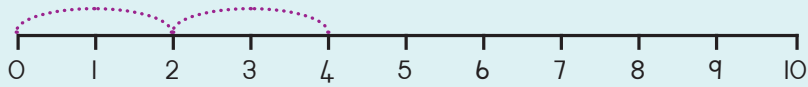
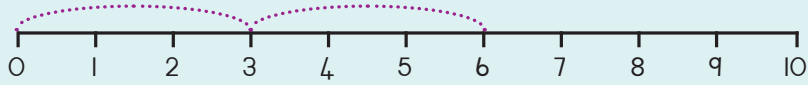


Hlanganisa emacashata, bese ubhala sibalo salokuhlangene.

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



Sebentisa imigca-nombolo kubhala sibalo.



$$\square + \square = \square$$

$$\square + \square = \square$$

$$\square + \square = \square$$

$$\square + \square = \square$$

$$\square + \square = \square$$



Phindza loku lokulandzelako.

Phindza kabili 1

$$1 + 1 = 2$$

Phindza kabili 2

$$\square + \square = \square$$

Phindza kabili 3

$$\square + \square = \square$$

Phindza kabili 4

$$\square + \square = \square$$

Phindza kabili 5

$$\square + \square = \square$$

$$2 \times 1 = 2$$

$$2 \times \square = \square$$

$$2 \times \square = \square$$

$$2 \times \square = \square$$

$$2 \times \square = \square$$



Ngina R5. Umngani wami unalokuphindwe kabili kulokwami. Umngani wami unamalini?

Teacher:

Sign:

Date:



# 46

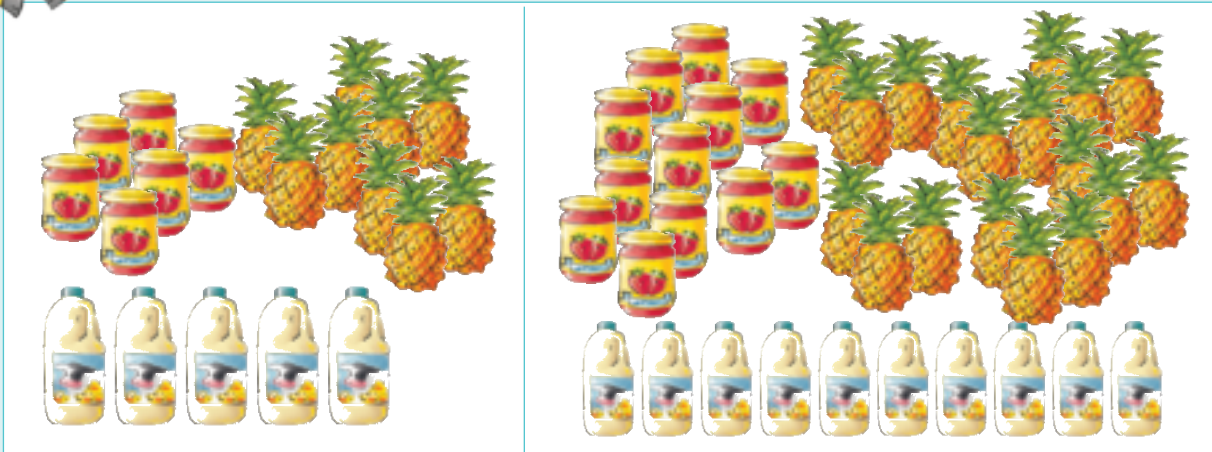
Ithemu 2



Lusuku:

## Phindza kabili futsi

Bukisisa sitfombe sekucala nesesibili. Kwentekeni?

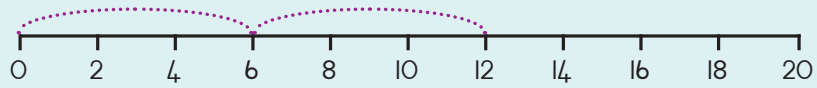


Hlanganisa emacashata, bese ubhala sibalo ngasinge.

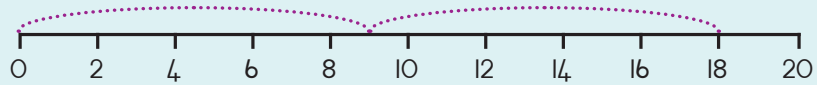
|  |  |                                                                    |
|--|--|--------------------------------------------------------------------|
|  |  | <input type="text"/> + <input type="text"/> = <input type="text"/> |
|  |  | <input type="text"/> + <input type="text"/> = <input type="text"/>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



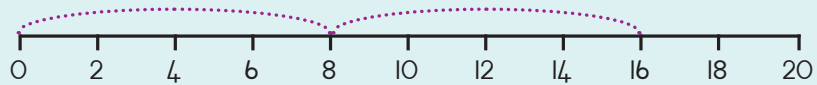
Sebentisa imigca-nombolo kubhala sibalo.



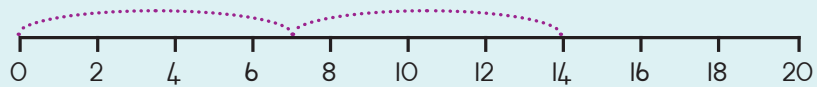
$$\square + \square = \square$$



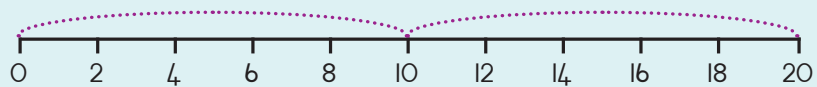
$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$



Phindza loku lokulandzelako.

Phindza kabili 6

$$\square + \square = \square$$

$$2 \times 6 = 12$$

Phindza kabili 7

$$\square + \square = \square$$

$$2 \times \square = \square$$

Phindza kabili 8

$$\square + \square = \square$$

$$2 \times \square = \square$$

Phindza kabili 9

$$\square + \square = \square$$

$$2 \times \square = \square$$

Phindza kabili 10

$$\square + \square = \square$$

$$2 \times \square = \square$$



Umngani wami unemamabuli langu 9. Ami aphindwe kabili kulawakhe. Mangakhi emamabuli ami?



Teacher:

Sign:

Date:



Lusuku:

## Phindza kabili

Phindza kabili 8

1 2 3 4 5 6 7 8 1 2 3 4 5 6 7 8



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

Phindza kabili 9

1 2 3 4 5 6 7 8 9 1 2 3 4 5 6 7 8 9



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



Biyela lobuhlalu kute uphindze kabili tinombolo. Sikucalele loku kwekucala.

Phindza kabili 5



$$5 + 5 = \square$$

Phindza kabili 6



$$\square + \square = \square$$

Phindza kabili 7



$$\square + \square = \square$$

Phindza kabili 8



$$\square + \square = \square$$

Phindza kabili 9



$$\square + \square = \square$$



Phindza kabili letinombolo. Faka umbala kubhuloki kukhombisa imphendvulo yakho.

**Phindza kabili 6**

6 + 6 =

2 × 6 =

**Phindza kabili 8**

+  =

2 ×  =

**Phindza kabili 7**

+  =

2 ×  =

**Phindza kabili 9**

+  =

2 ×  =

Phindza loku lokulandzelako:

Phindza kabili 7

+  =

2 ×  =

Phindza kabili 9

+  =

2 ×  =

Phindza kabili 6

+  =

2 ×  =

Phindza kabili 8

+  =

2 ×  =

Phindza kabili 10

+  =

2 ×  =

Ngitfole emaphuzu langu 8. Umngani wami utfole laphindvwe kabili kulawami. Unamangakhi emaphuzu umngani wami?



Teacher:

Sign:

Date:

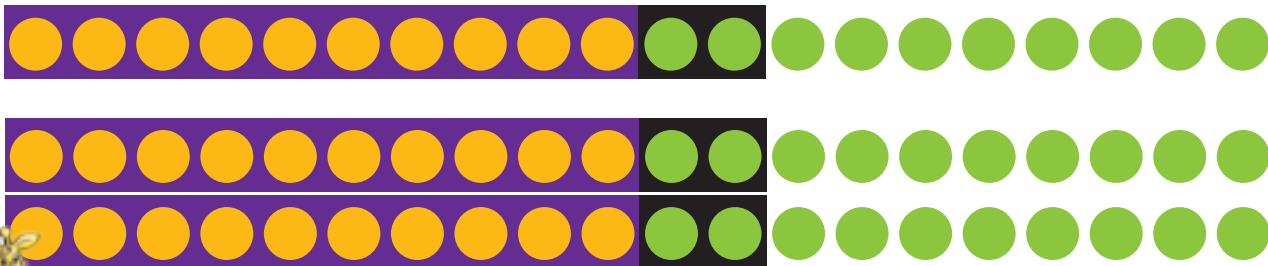




Lusuku:

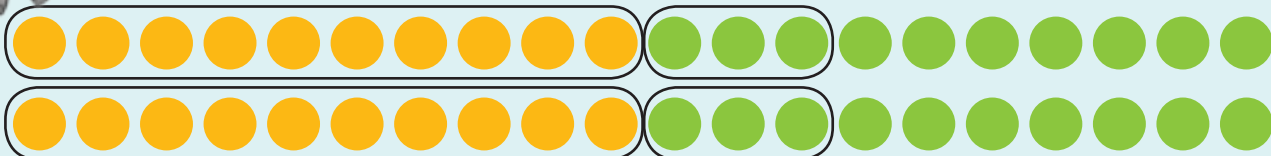
## Phindza kabili: siyachubeka

Phindza kabili 12



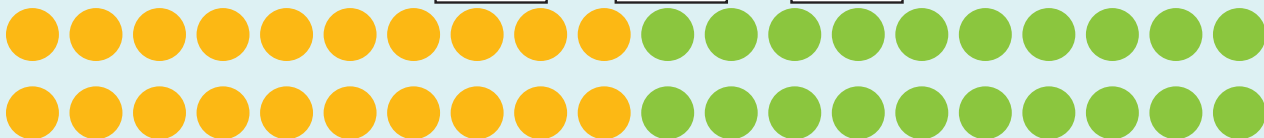
Biyela lobuhlalu kute uphindze kabili tinombolo. Sikucalele loku kwekucala.

Phindza kabili 13



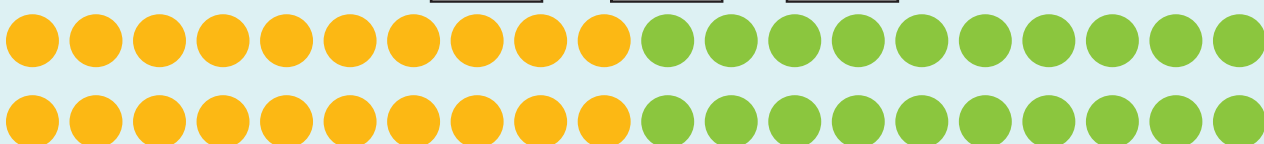
Phindza kabili 15

$$\square + \square = \square$$



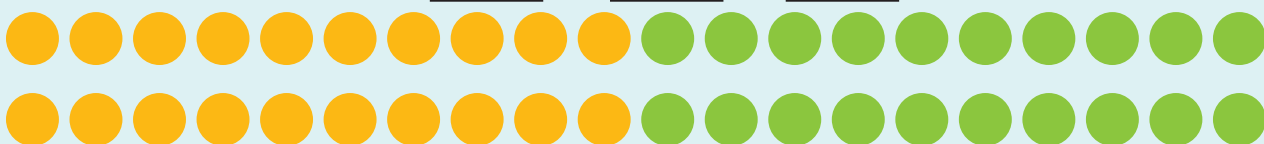
Phindza kabili 14

$$\square + \square = \square$$



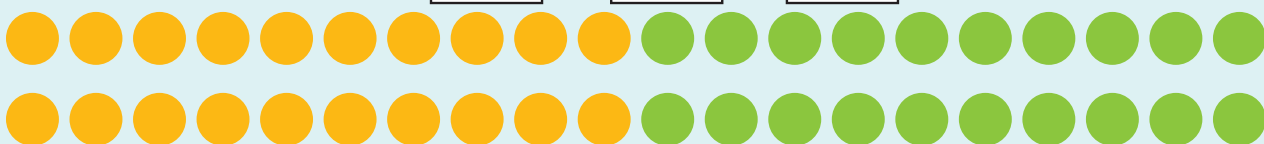
Phindza kabili 11

$$\square + \square = \square$$



Phindza kabili 16

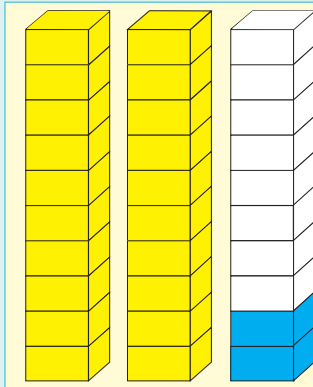
$$\square + \square = \square$$



$$\square + \square = \square$$



Phindza kabili letinombolo. Faka umbala kubhuloki yemashumi lasisekelo kukhombisa imphendvulo yakho.



Phindza kabili 11

$$11 + 11 = \square$$

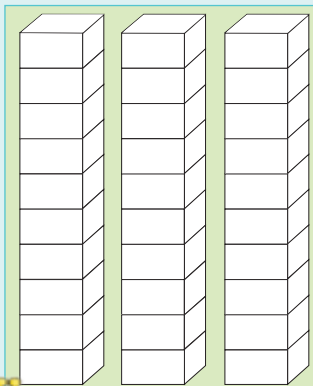
$$2 \times 11 = \square$$



Phindza kabili 13

$$\square + \square = \square$$

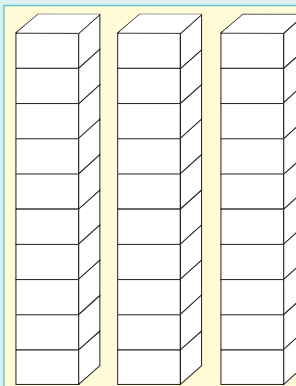
$$2 \times \square = \square$$



Phindza kabili 14

$$\square + \square = \square$$

$$2 \times \square = \square$$



Phindza kabili 15

$$\square + \square = \square$$

$$2 \times \square = \square$$



Phindza loku lokulandzelako.

Phindza kabili 11

$$\square + \square = \square$$

$$2 \times \square = \square$$

Phindza kabili 13

$$\square + \square = \square$$

$$2 \times \square = \square$$

Phindza kabili 16

$$\square + \square = \square$$

$$2 \times \square = \square$$

Phindza kabili 17

$$\square + \square = \square$$

$$2 \times \square = \square$$

Phindza kabili 18

$$\square + \square = \square$$

$$2 \times \square = \square$$



Ngitfole emagama lali 14 kahle emdlalweni wekupela. Mphetsa utfole linani leliphindzekile kuleli lami. Ngabe utfole mangakhi emagama kahle mphetsa?



Teacher:

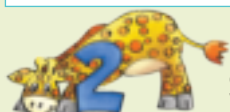
Sign:

Date:

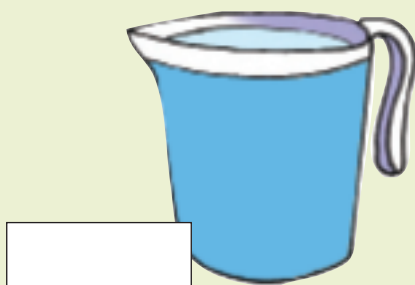


# Kwekuphatsa nemtsamo

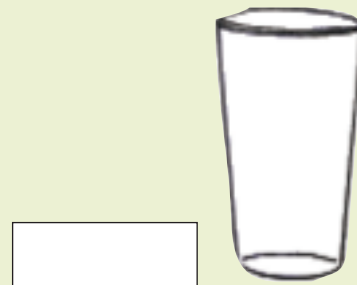
Coca ngekwekuphatsa etukwemadesiki.



Shano kutsi kwekuphatsa kugcwele noma kute lutfo.













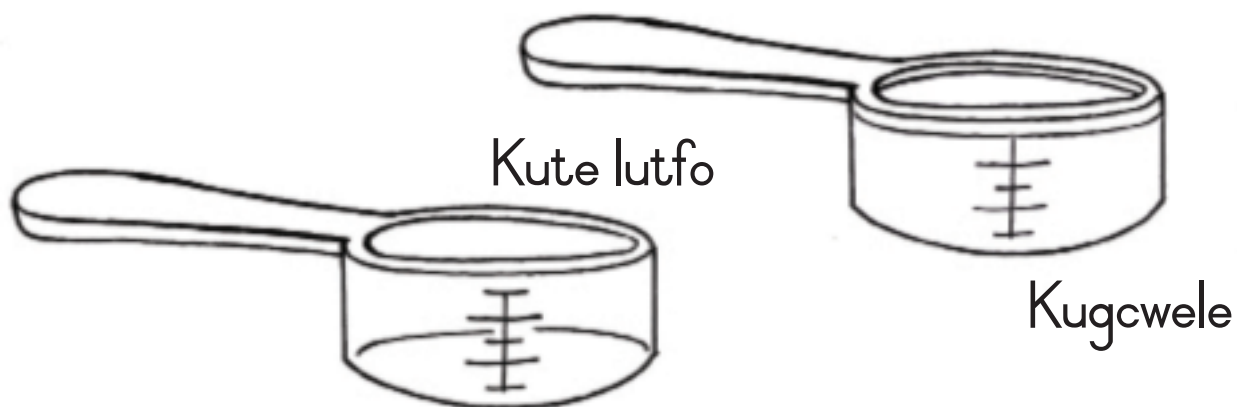








Faka umbala kukhombisa kutsi letintfo tekuphatsa ti\_\_\_\_\_.



Dvweba kwakakho kwekuphatsa ufake imibala kuloko lokucuketfwe kukhombisa:

|            |          |
|------------|----------|
| Kute lutfo | Kugcwele |
| Kute lutfo | Kugcwele |

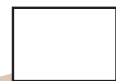
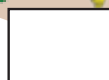


Teacher:  
Sign:  
Date:



Kuphindzaphindza:  $\times 3$ 

Mangakhi emaswidi lakhona etafuleni ngalinye?



Cedzela loku lokulandzelako:



2 emacembu a 3

$$3 + 3 =$$

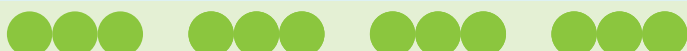
$$2 \times 3 =$$



5 emacembu a 3

$$3 + 3 + 3 + 3 + 3 =$$

$$5 \times 3 =$$



4 emacembu a 3

$$3 + 3 + 3 + 3 =$$

$$4 \times 3 =$$



6 emacembu a 3

$$3 + 3 + 3 + 3 + 3 + 3 =$$

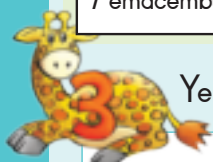
$$6 \times 3 =$$



7 emacembu a 3

$$3 + 3 + 3 + 3 + 3 + 3 + 3 =$$

$$7 \times 3 =$$



Yenta umdvwebo waloku lokulandzelako.

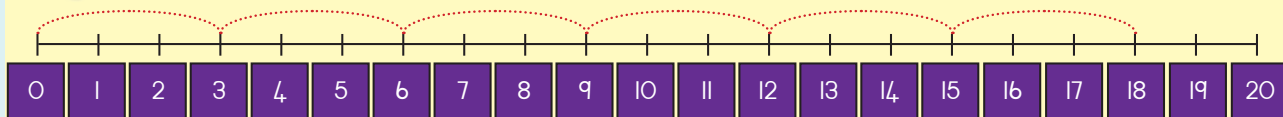
3 emacembu a 3

4 emacembu a 3

5 emacembu a 3



Yenta umdvwebo waloku lokulandzelako.



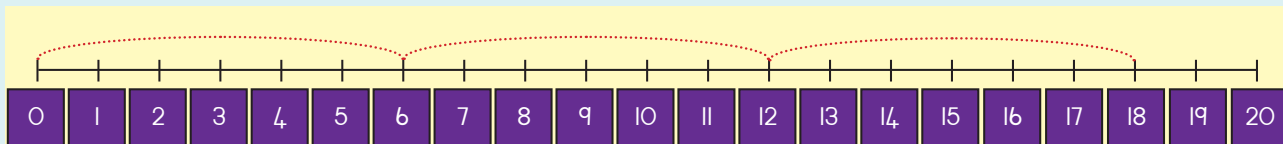
3, 6, 9, 12, \_\_\_\_, \_\_\_\_

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

6 emacembu a  $\boxed{\phantom{00}}$  =  $\boxed{\phantom{00}}$

$$6 \times 3 = \boxed{\phantom{00}}$$

Umdvwebo



6, \_\_\_\_, \_\_\_\_

$$6 + \boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

3 emacembu a  $\boxed{\phantom{00}}$  =  $\boxed{\phantom{00}}$

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

Umdvwebo



Libhodo lekupheka linetinyawo letintsatfu.

Ngabe emabhodo ekupheka lasi-7 anetinyawo letingakhi?



3 6 9 12 15 18  
21 24 27 30 33



Teacher:

Sign:

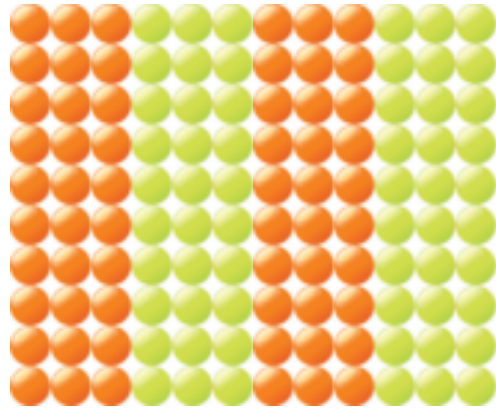
Date:

11 12 13 14 15 16 17 18 19 20

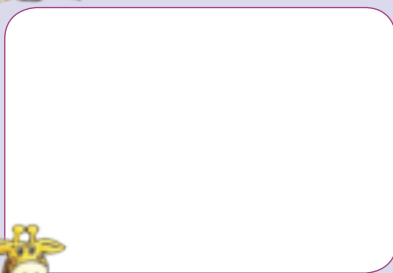


## Emaphethini etinombolo: ngakutsatfu

Ase sibale ngakutsatfu.



Dvweba nobe namatsisela titfombe tetintfo letita ngatintsatfu.

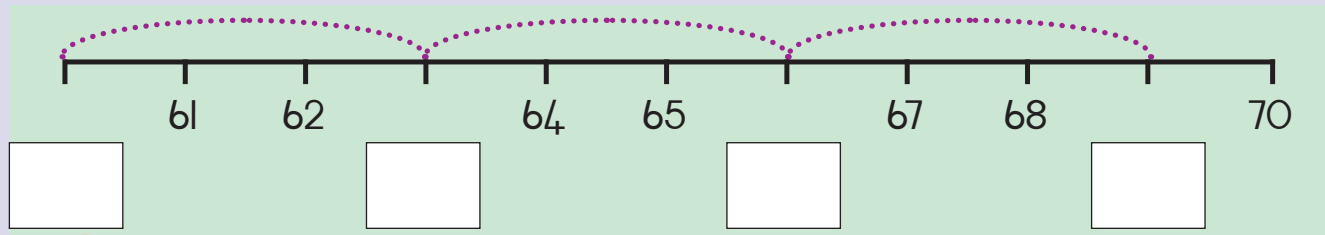
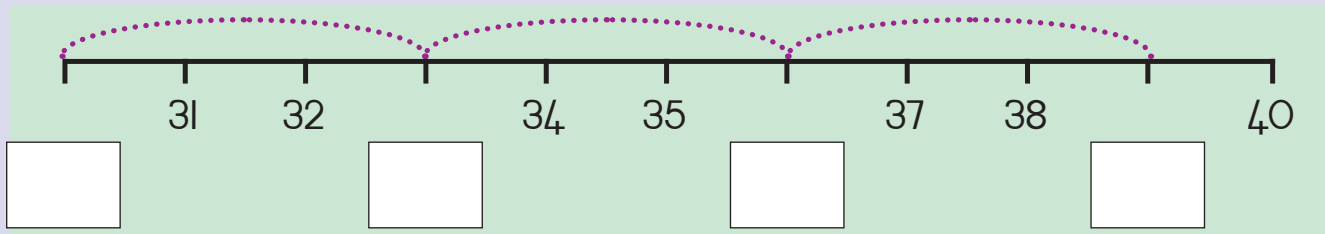
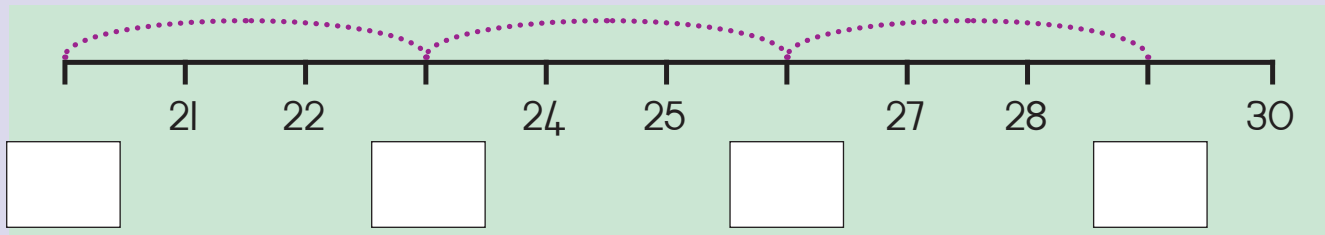
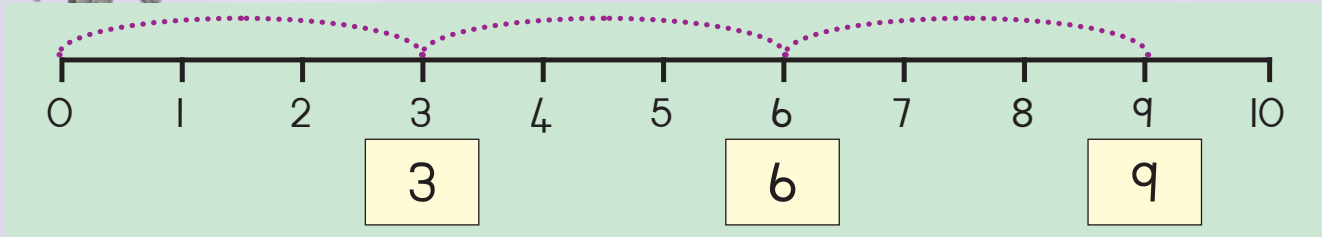


Siyicalile iphethini. Yicedzele.

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



Sebentisa lomugca-nombolo kubhala iphethini.



Cedzela loku lokulandzelako.

3, 6, 9, \_\_, \_\_, \_\_

36, 39, 42, \_\_, \_\_, \_\_

12, 15, 18, \_\_, \_\_, \_\_

1, 4, 7, \_\_, \_\_, \_\_

22, 25, 28, \_\_, \_\_, \_\_

15, 12, 9, \_\_, \_\_, \_\_

99, 96, 93, \_\_, \_\_, \_\_

66, 63, 60, \_\_, \_\_, \_\_

40, 37, 34, \_\_, \_\_, \_\_



Kunabosondvo-ntsafu labali-10 enkhulisa. Mangakhi emasondvo alabosondvo-ntsafu lataba khona?



Teacher:

Sign:

Date:



Kuphindzaphindza:  $\times 4$ 

Mangakhi emaswidi lakhona etafuleni ngalinye?



Cedzela loku lokulandzelako.



$$3 \text{ emacembu a } 4 \quad 4 + 4 + 4 =$$

$$3 \times 4 =$$



$$2 \text{ emacembu a } 4 \quad 4 + 4 =$$

$$2 \times 4 =$$



$$4 \text{ emacembu a } 4 \quad 4 + 4 + 4 + 4 =$$

$$4 \times 4 =$$



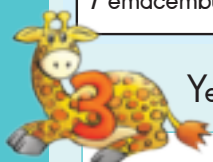
$$6 \text{ emacembu a } 4 \quad 4 + 4 + 4 + 4 + 4 + 4 =$$

$$6 \times 4 =$$



$$7 \text{ emacembu a } 4 \quad 4 + 4 + 4 + 4 + 4 + 4 + 4 =$$

$$7 \times 4 =$$



Yenta umdvwebo waloku lokulandzelako.

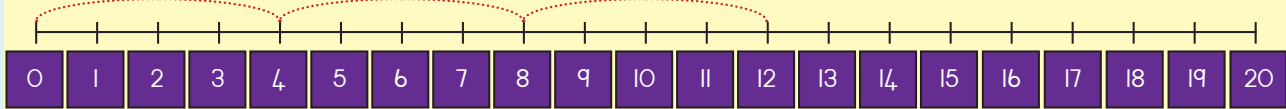
3 emacembu a 4

4 emacembu a 4

5 emacembu a 4



Yenta umdvwebo waloku lokulandzelako.



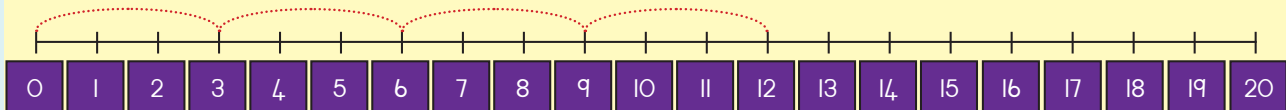
4, 8, \_\_\_\_

$$4 + 4 + 4 = \boxed{\phantom{00}}$$

$$3 \text{ emacembu a } 4 = \boxed{\phantom{00}}$$

$$3 \times 4 = \boxed{\phantom{00}}$$

Umdvwebo



3, 6, 9, \_\_\_\_

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

$$4 \text{ emacembu a } \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$4 \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Umdvwebo



Lihhashi linetinyawo leti-4. Ngabe emahhashi lama-3 anetinyawo letingakhi?



4 8 12 16 20 24  
28 32 36 40



Teacher:

Sign:

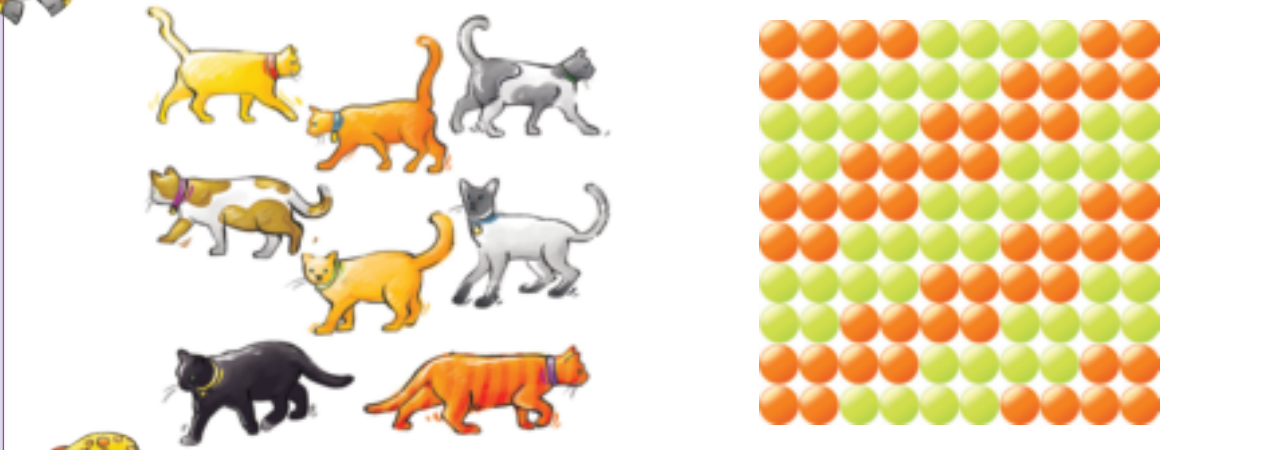
Date:

11 12 13 14 15 16 17 18 19 20



## Emaphethini etinombolo: Ngakune

Asibaleni ngakune.



Dvweba nobe namatsisela titfombe tetintfo letita ngatine.

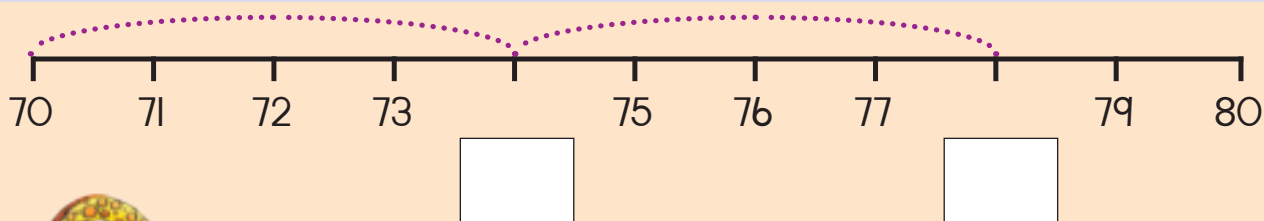
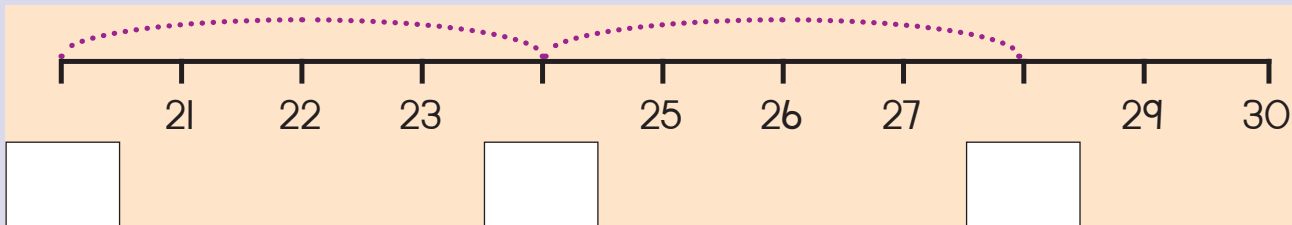
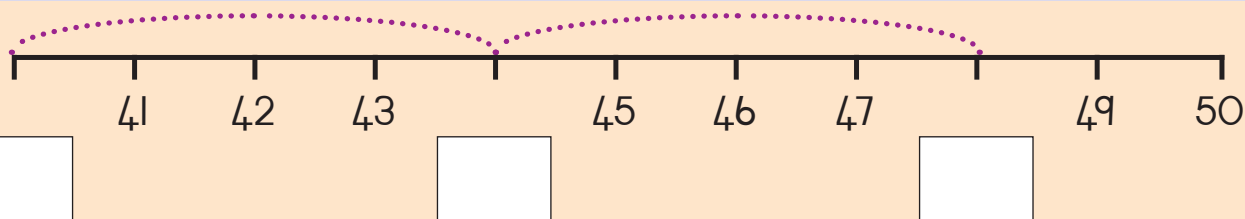
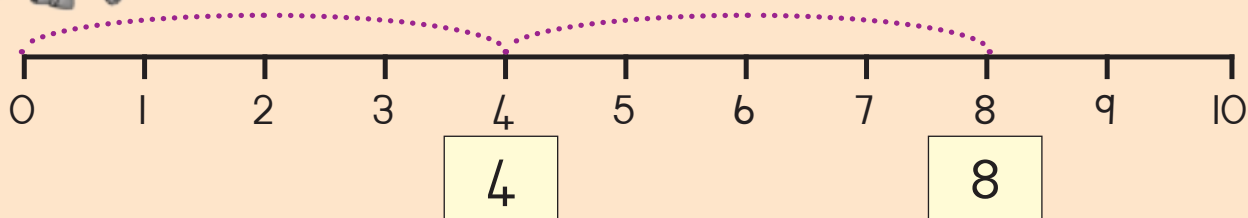


Siyicalile iphethini. Yicedzele.

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



Sebentisa lomugca-nombolo kubhala iphethini.



Cedzela loku lokulandzelako.

4, 8, 12, \_\_, \_\_, \_\_

28, 32, 36, \_\_, \_\_, \_\_

12, 16, 20, \_\_, \_\_, \_\_

1, 5, 9, \_\_, \_\_, \_\_

42, 46, 50, \_\_, \_\_, \_\_

20, 16, 12, \_\_, \_\_, \_\_

48, 44, 40, \_\_, \_\_, \_\_

60, 56, 52, \_\_, \_\_, \_\_

70, 66, 62, \_\_, \_\_, \_\_



Kunemicatsane lemi-4 aphaketheni. Ngitsengise emaphakethe layi-9. Mingakhi imicatsane lengiyitsengisile?

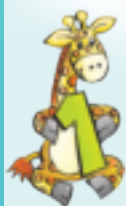


Teacher:

Sign:

Date:



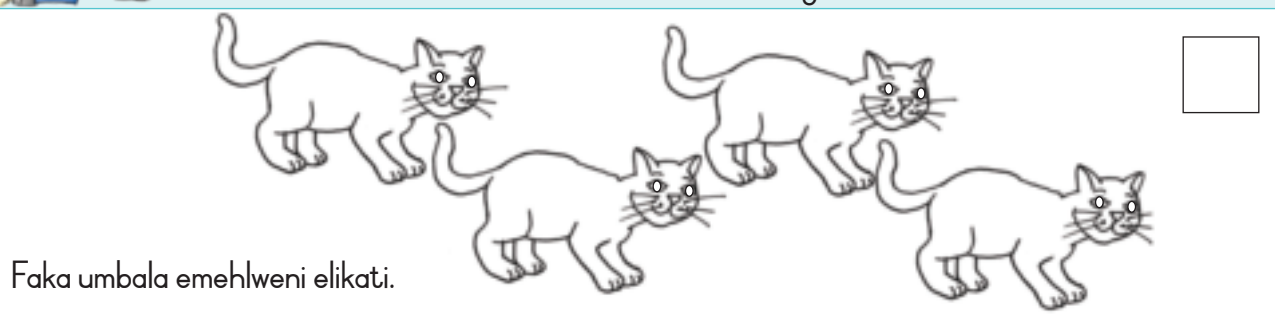


## Tindzaba ngekuphindzaphindza

Camba yakakho indzaba usebentisa emagama lafana nalawa: emehlo, imilente, tandla, tinyawo, tilwane, bantfu.



Likati linemehlo lama-2. Emakati lama-4 anamangakhi emehlo?

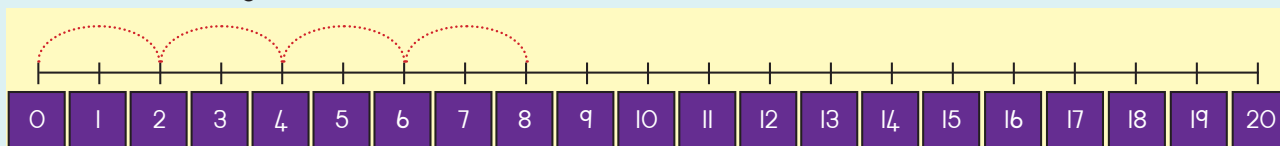


Faka umbala emehlweni elikati.

Wakhombise ngetintfo tekubala.



Wakhombise kumugca-nombolo.



$$\square + \square + \square + \square = \square$$

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



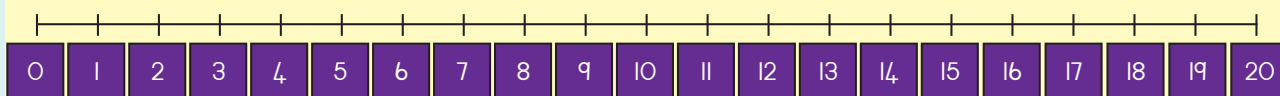
Libhayisikili linemasondvo lama-3. Ngabe emabhayisikili emasondvo lamatsatfu lasi-5 anemasondvo lamangakhi?



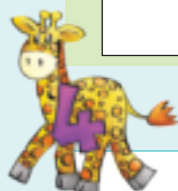
Faka umbala emasondvweni.

Khombisa ngetintfo tekubala.

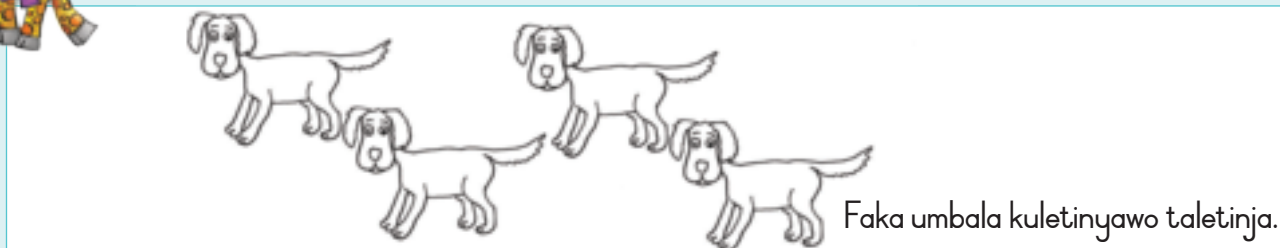
Khombisa kumugca-nombolo.



$$\boxed{\phantom{000}} + \boxed{\phantom{000}} = \boxed{\phantom{000}}$$

$$\boxed{\phantom{000}} \times \boxed{\phantom{000}} = \boxed{\phantom{000}}$$


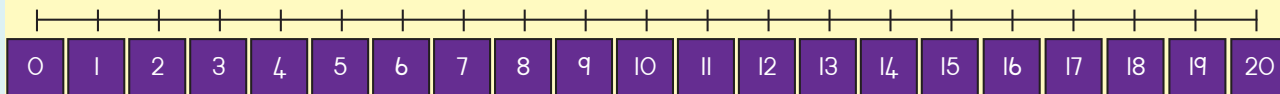
Inja inetinyawo leti-4. Ngabe tinja leti-4 tinetinyawo letingakhi?



Faka umbala kuletinyawo taletinja.

Khombisa ngetintfo tekubala.

Khombisa kumugca-nombolo.



$$\boxed{\phantom{000}} + \boxed{\phantom{000}} = \boxed{\phantom{000}}$$

$$\boxed{\phantom{000}} \times \boxed{\phantom{000}} = \boxed{\phantom{000}}$$


Teacher:

Sign:

Date:



Coca ngeliwashi.

## Ema-awa

Lusuku:



Lutsi lolufisha lusikhombisa ema-awa.  
Lapha lusikhombisa 7 wema-awa.

Lutsi ewashini luhamba lugegelete futsi lugegelete, Lugegelete  
futsi lugegelete, lugegelete futsi lugegelete. Lutsi ewashini luhamba  
lugegelete futsi lugegelete, Kusatisa sikhatsi.



Lutsi lolufisha lusikhombisani?



li-awa



ema-awa



ema-awa



ema-awa



ema-awa



ema-awa



ema-awa



ema-awa



ema-awa



ema-awa



ema-awa



ema-awa





Dvweba lutsi lolufisha.

4 ema-awa



1 li-awa



11 ema-awa



7 ema-awa



9 ema-awa



10 ema-awa



2 ema-awa



5 ema-awa



3 ema-awa



6 ema-awa



8 ema-awa



12 ema-awa



Yini lengatsatsa li-awa lonkhe kuyenta? Faka umbala imphendvulo lengiyo.



Wenta umsebenzi wesikolo ekhaya



Ulele



Ucubha ematinyo



Teacher:

Sign:

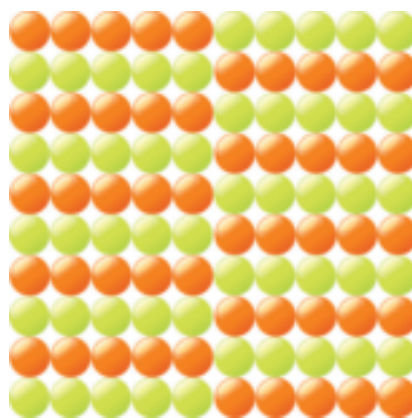
Date:



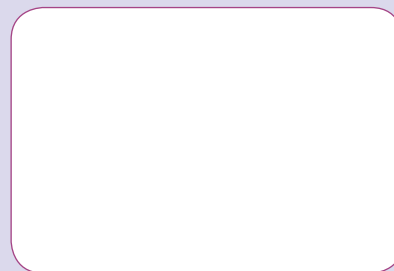
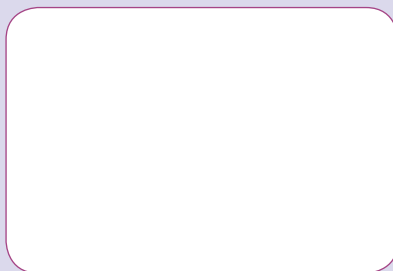
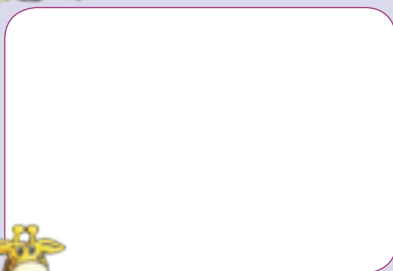


## Emaphethini etinombolo: ngesihlanu

Asibaleni ngesihlanu.



Dvweba nobe namatsisela titfombe tetintfo letita ngatinhlanu.



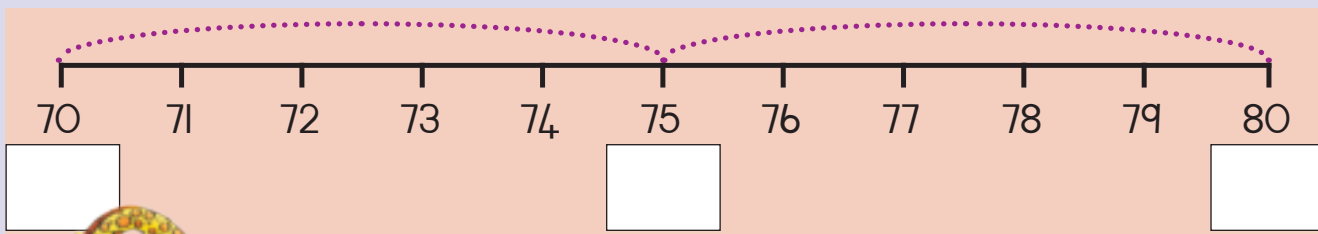
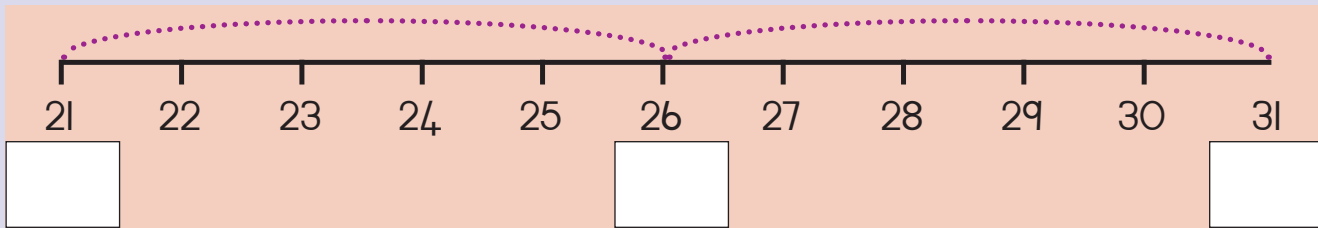
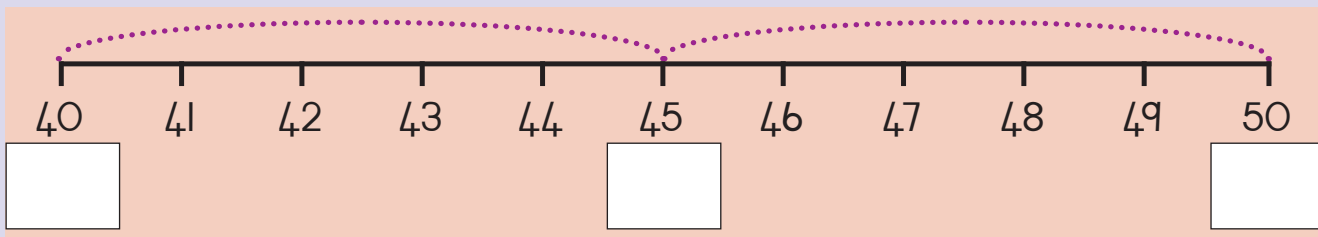
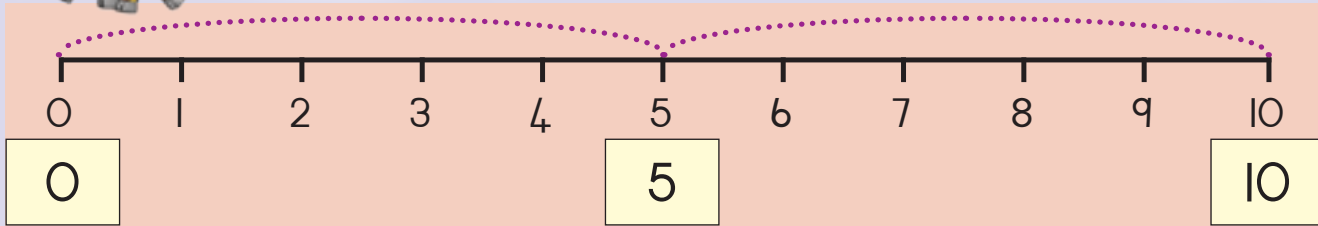
Siyicalile iphethini. Yicedzele.

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

Lusuku:



Sebentisa lomugca-nombolo kubhala iphethini.



Cedzela loku lokulandzelako.

5, 10, 15, \_\_, \_\_, \_\_

20, 25, 30, \_\_, \_\_, \_\_

30, 35, 40, \_\_, \_\_, \_\_

1, 6, 11, \_\_, \_\_, \_\_

23, 28, 33, \_\_, \_\_, \_\_

25, 20, 15, \_\_, \_\_, \_\_

50, 45, 40, \_\_, \_\_, \_\_

60, 55, 50, \_\_, \_\_, \_\_

54, 49, 44, \_\_, \_\_, \_\_



5 10 15 20 25 30 35 40 45 50



Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

57a

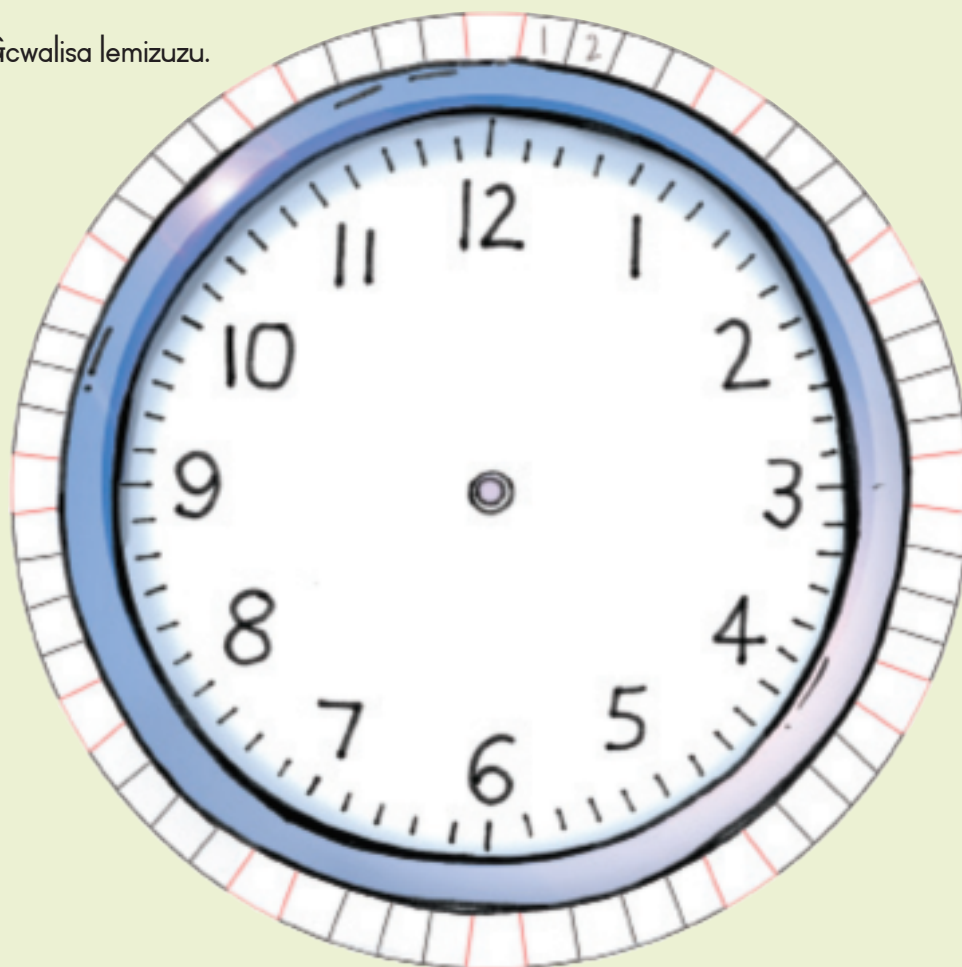
Ithemu 2



Siyisebentisa kanjani imigca lemnyama lemifisha lesewashini?



Gcwalisa lemezuzu.



Bhala phansi letinombolo letisetikweleni letibovu lapha.

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

Lusuku:



1 umzuzu

5 wemizuzu

30 wemizuzu

60 wemizuzu



Teacher:

Sign:

Date:



57b

Ithemu 2



Coca ngeliwashi.

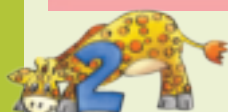
## Siyachubeka ngemizuzu

Lusuku:



Lutsi loludze lusikhombisa imizuzu.  
Lapha lusikhombisa **10** wemizuzu.

Lutsi ewashini luhamba lugegelete futsi lugegelete, Lugegelete  
futsi lugegelete, lugegelete futsi lugegelete. Lutsi ewashini  
luhamba lugegelete futsi lugegelete.  
Kusatisa sikhatsi.



Ngabe **lutsi loludze** lusikhombisani?



imizuzu



imizuzu



imizuzu



imizuzu



imizuzu



imizuzu



Dvweba lutsi loludze.

55 imizuzu



35 imizuzu



60 imizuzu



10 imizuzu



45 imizuzu



12 imizuzu



Yini lengatsatsa umzuzu munye kuyenta? Faka umbala emphendvulweni lengiyo.



Uyazuba



Uyadlala



Uyadla



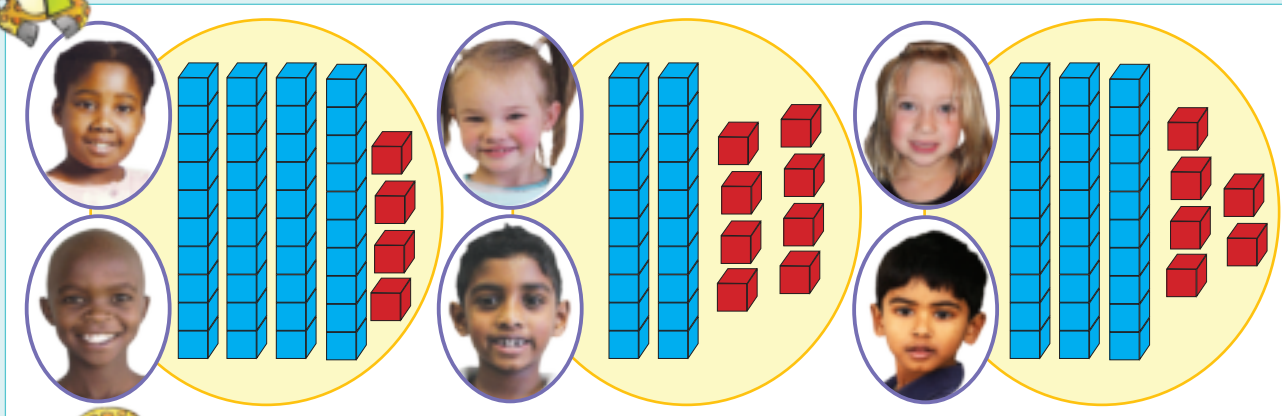
Teacher:

Sign:

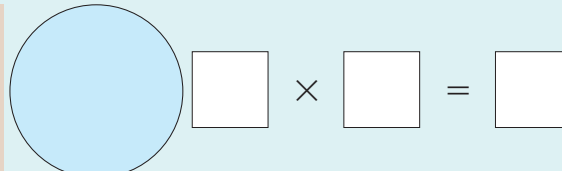
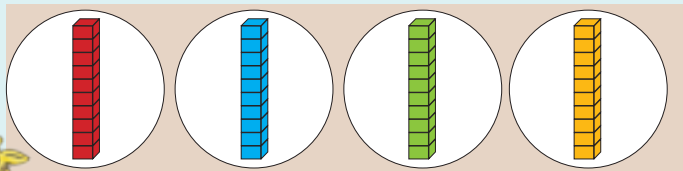
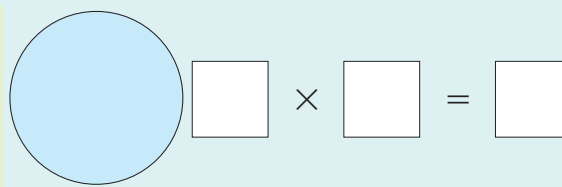
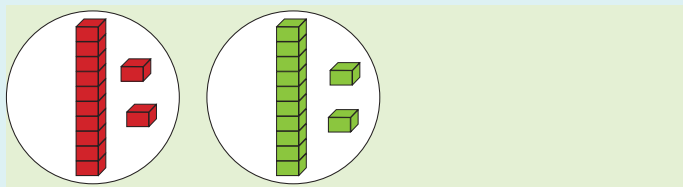
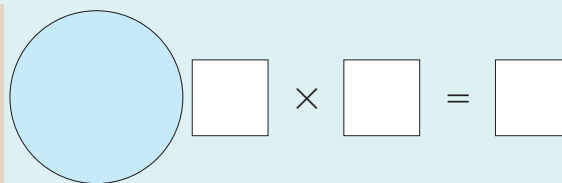
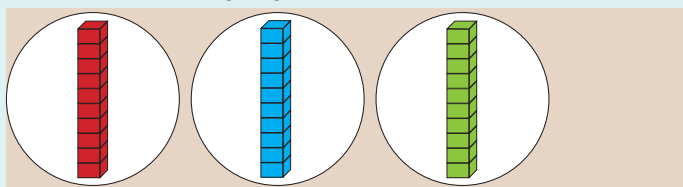
Date:

## Kubeka ngemacembu nekwabelana

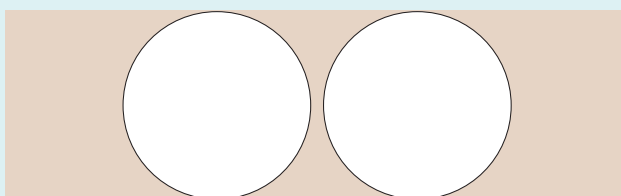
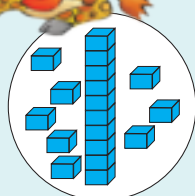
Mangakhi emabhuloki lakhona endilingeni ngayinye? Wabe ngekulingana emkhatsini webantfwana.



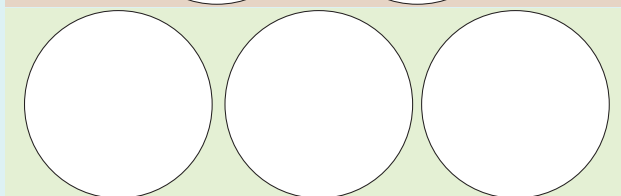
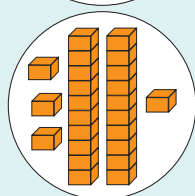
Mangakhi emabhuloki kundilinga ngayinye? Bhala ithothali kundilinga lelingangane.



Yaba emabhuloki ngekulingana emkhatsini waletindilinga.



□ kwabiwe emkhatsini wa □ = □



□ kwabiwe emkhatsini wa □ = □



Dvweba loku lokulandzelako. Bhala sibalo sakunye.

3 emacembu a 2



Sibalo sekuhlanganisa:



Sibalo sekuphindzaphindza:

2 emacembu a 14



Sibalo sekuhlanganisa:



Sibalo sekuphindzaphindza:

Yaba tintfo tekubala letili- 12 emkhatsini  
kwa 4.



Sibalo sekukhipha:



Kwabiwe emkhatsini wesibalo  
(sekwehlukanisa):

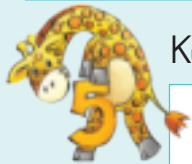
Yaba tintfo tekubala letingema- 30  
emkhatsini kwa 3.



Sibalo sekukhipha:



Kwabiwe emkhatsini wesibalo  
(sekwehlukanisa):



Kubala.

2 emacembu a 7 \_\_\_\_\_ 3 emacembu a 8 \_\_\_\_\_

4 emacembu a 5 \_\_\_\_\_ 2 emacembu a 15 \_\_\_\_\_

Yaba 18 nga 2 \_\_\_\_\_ Yaba 24 nga 3 \_\_\_\_\_

Yaba 35 nga 5 \_\_\_\_\_ Yaba 50 nga 10 \_\_\_\_\_



Bekunemacembu lasi-6 abo 5 edzilini lami. Bebabangakhi labantfwana  
kulelidzili lami?



Teacher:

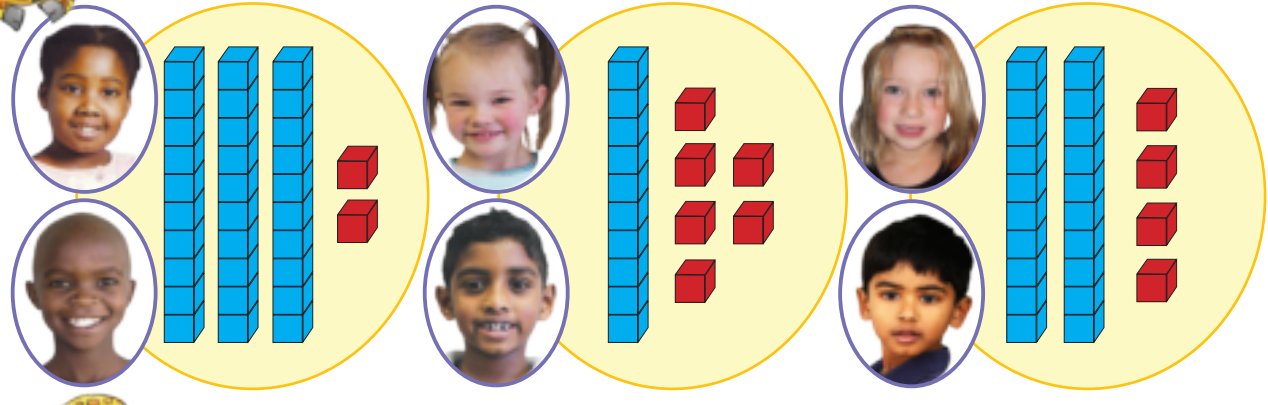
Sign:

Date:

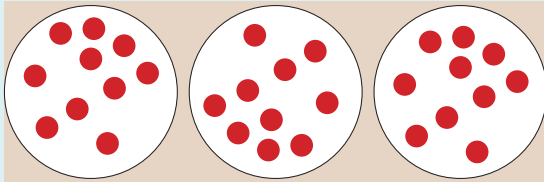


## Siyachubeka nekubutsanisa nekwaba

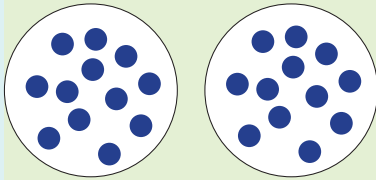
Mangakhi emabhuloki lakhona endilingeni ngayinye? Wabe ngekulingana emkhatsini webantfwana.



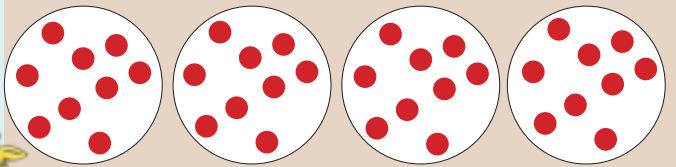
Tingakhi tintfo tekubala kundilinga ngayinye?  
Bhala ithothali kundilinga lelingangane.



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



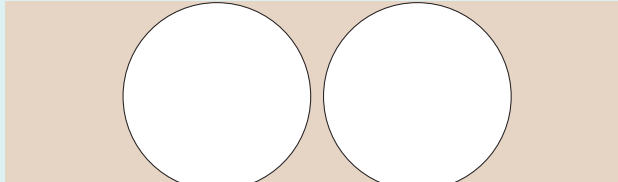
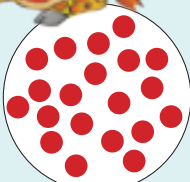
$$\bigcirc \square \times \square = \square$$



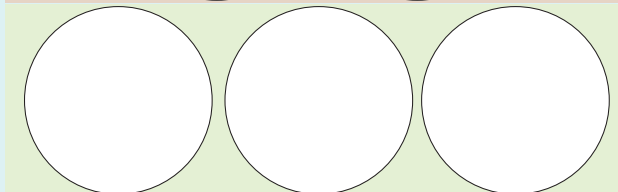
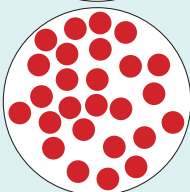
$$\bigcirc \square \times \square = \square$$



Hlukanisa letintfo tekubala emkhatsini wetindilinga.



$$\square \text{ kwabiwe emkhatsini wa } \square = \square$$



$$\square \text{ kwabiwe emkhatsini wa } \square = \square$$



Dvweba loku lokulandzelako. Bhala sibalo sakunye.

3 emacembu a 12



Sibalo sekuhlanganisa:



Sibalo sekuphindzaphindza:

5 emacembu a 10



Sibalo sekuhlanganisa:



Sibalo sekuphindzaphindza:

Yaba tintfo tekubala letingu 24 emkhatsini  
kwa 4



Sibalo sekukhipha:



Kwabiwe emkhatsini wesibalo  
(sekwehlukanisa):

Yaba tintfo tekubala letingu 25 emkhatsini  
kwa 5.



Sibalo sekukhipha:



Kwabiwe emkhatsini wesibalo  
(sekwehlukanisa):



Kubala.

2 emacembu a 11 \_\_\_\_\_ 3 emacembu a 10 \_\_\_\_\_

4 emacembu a 4 \_\_\_\_\_ 2 emacembu a 25 \_\_\_\_\_

Yaba 20 nga 2 \_\_\_\_\_ Yaba 27 nga 3 \_\_\_\_\_

Yaba 50 nga 5 \_\_\_\_\_ Yaba 28 nga 2 \_\_\_\_\_

kuphindza kabili yaba



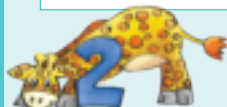
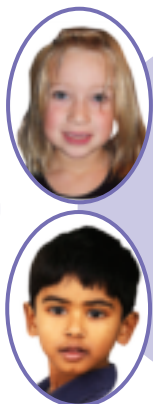
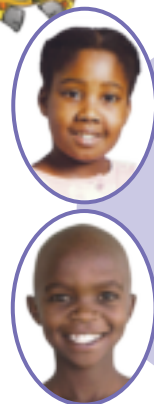
Teacher:

Sign:

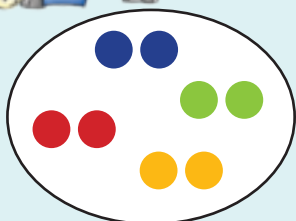
Date:

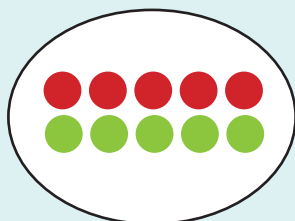
## Asichubeke nekubutsanisa nekwaba

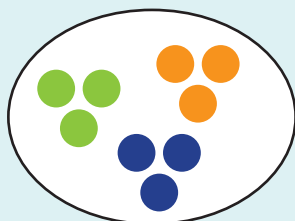
Tingakhi tintfo tekubala kundilinga ngayinye? Tabe ngekulingana emkhatsini webantfwana lababili.

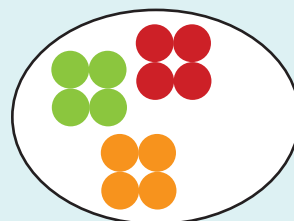


Tingakhi tintfo tekubala kundilinga ngayinye?



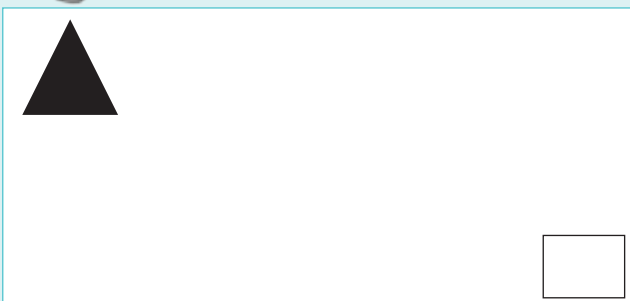


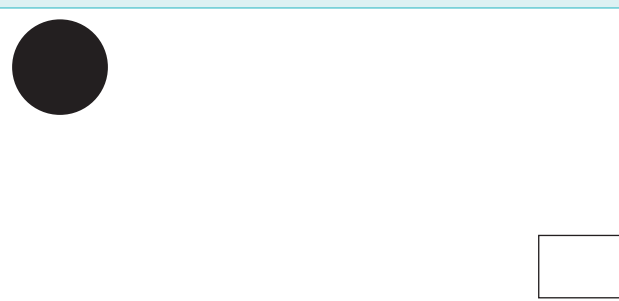


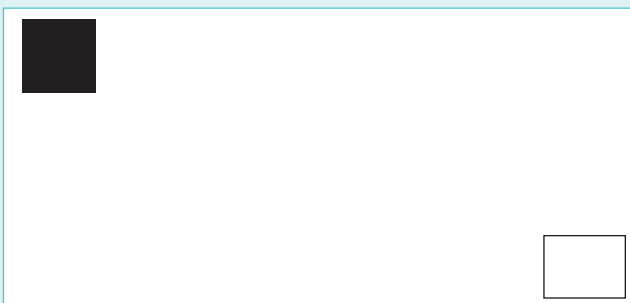


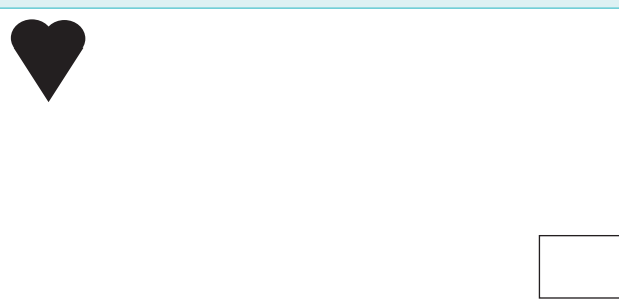


Juba bobunjwa kuLokujutjiwe 4 bese ubanamatsisela kubhuloki lefanele. Bala bobunjwa.











Yabela bantfwana labobunjwa. Sebentisa labobunjwa kuLokujutjiwe 4.  
(Lishadi lekusebentela 60 sigaba)

bocalantsatfu

tikwele



Yabela bantfwana lesitselo. Sidvwebe.



emawolintji

emahhabhula



BoJohn naBelinda babelane 12 wemaswidi ngalokulinganako. Amunye utfole mangakhi?



Teacher:

Sign:

Date:



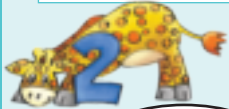
61

Ithemu 2

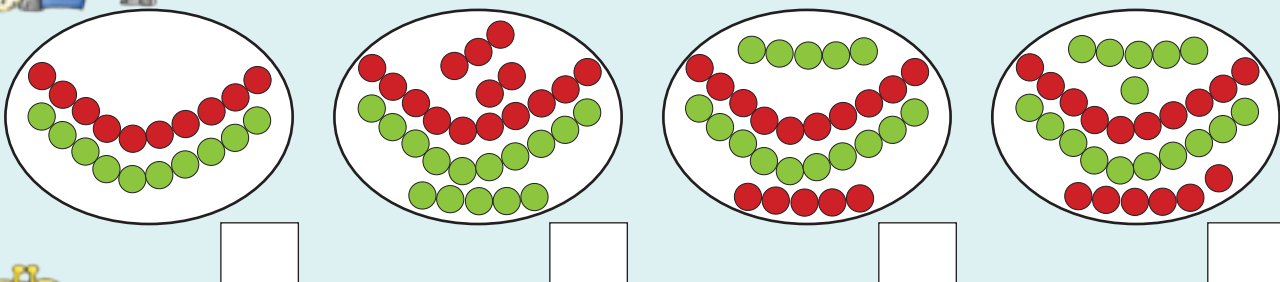
Lusuku:

## Kubutsanisa nekwabelana

Bungakhi buhlalu lobubalako kundilinga ngayinye? Babele bantfwana.



Bungakhi buhlalu kundilinga ngayinye?



Juba lobuhlalu kuLokujutjiwe 4 (Lishadi lekusebentela 61 sigaba) bese ubunamatsisela lapha. Bala lobuhlalu.

Buhlalu lobubovu

Buhlalu lobulingangane

Buhlalu lobumtfubi

Buhlalu lobuluhlata



Dvweba linani lelilinganako lebuhlalu bemntfwana ngamunye.



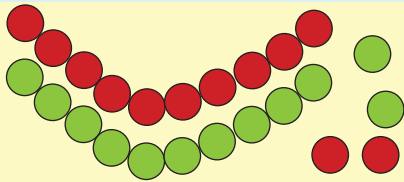




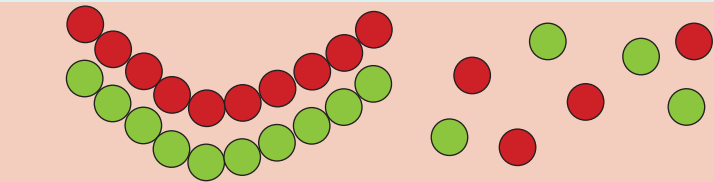




Yaba lobuhlalu wabele bantfwana. Budvwebe.















Busi naZaheda babelane 32 wemapeniseli lanemibala ngalokulinganako. Amunye utfole mangakhi?



Teacher:

Sign:

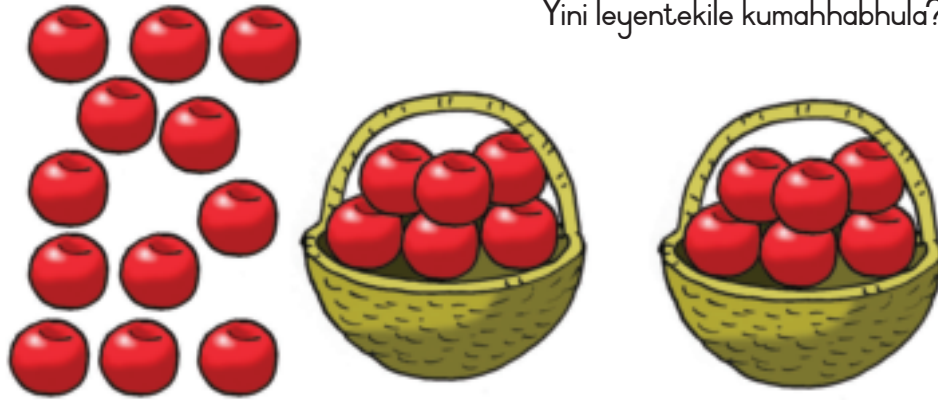
Date:



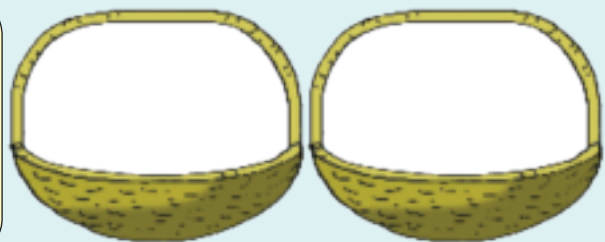
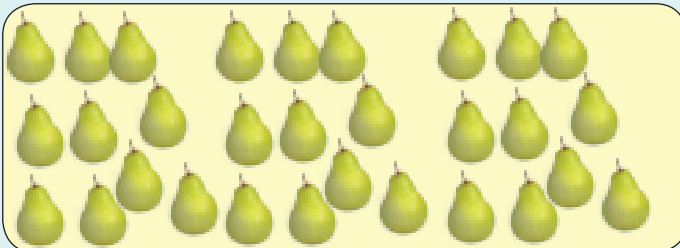
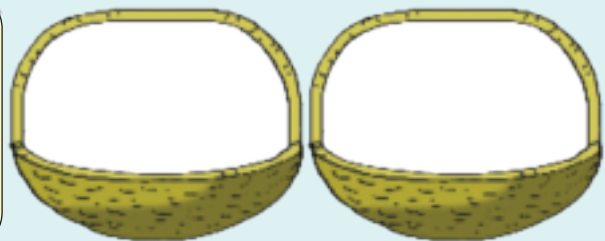
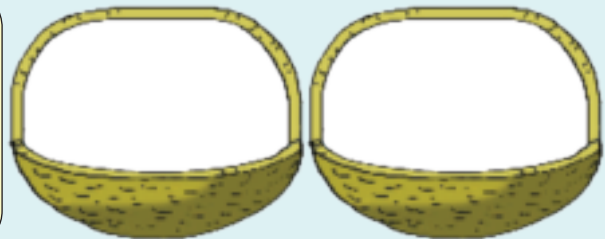
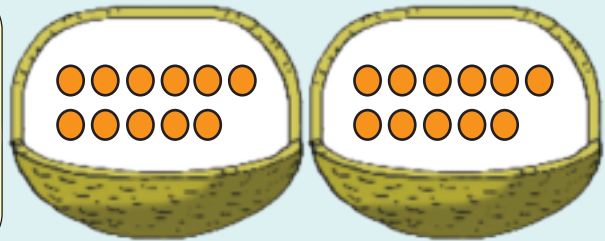
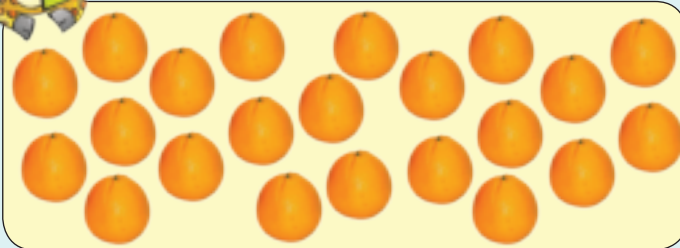
Lusuku:

Bohhafu: 1 – 20

Yini leyentekile kumahhabhula?



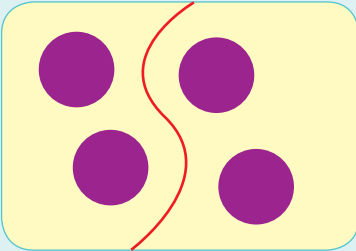
Yaba titselo letingesancele emabhasikidini langesekudla. Tidvwebe.





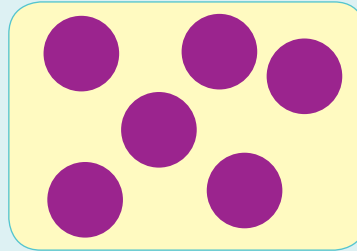


Dvweba umugca kukhombisa ihhafu.

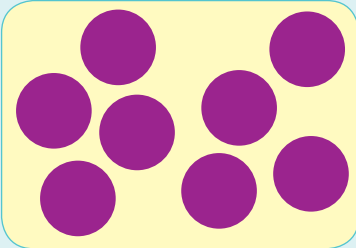


Ihhafu ya 4 ngu

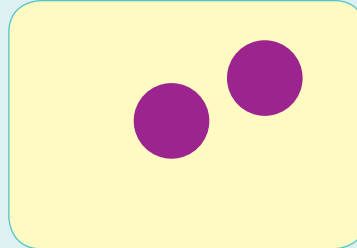
2



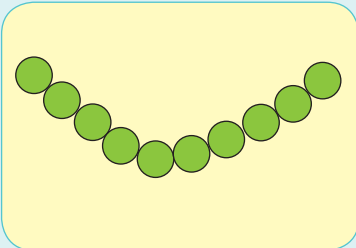
Ihhafu ya 6 ngu



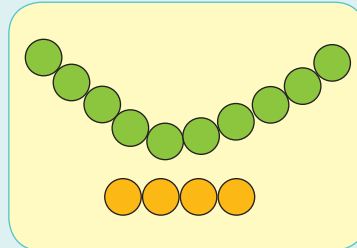
Ihhafu ya 8 ngu



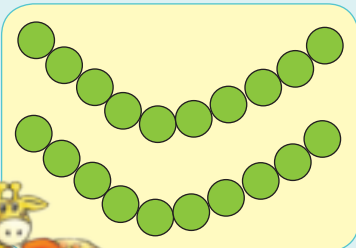
Ihhafu ya 2 ngu



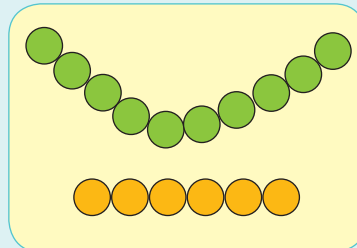
Ihhafu ya 10 ngu



Ihhafu ya 14 ngu



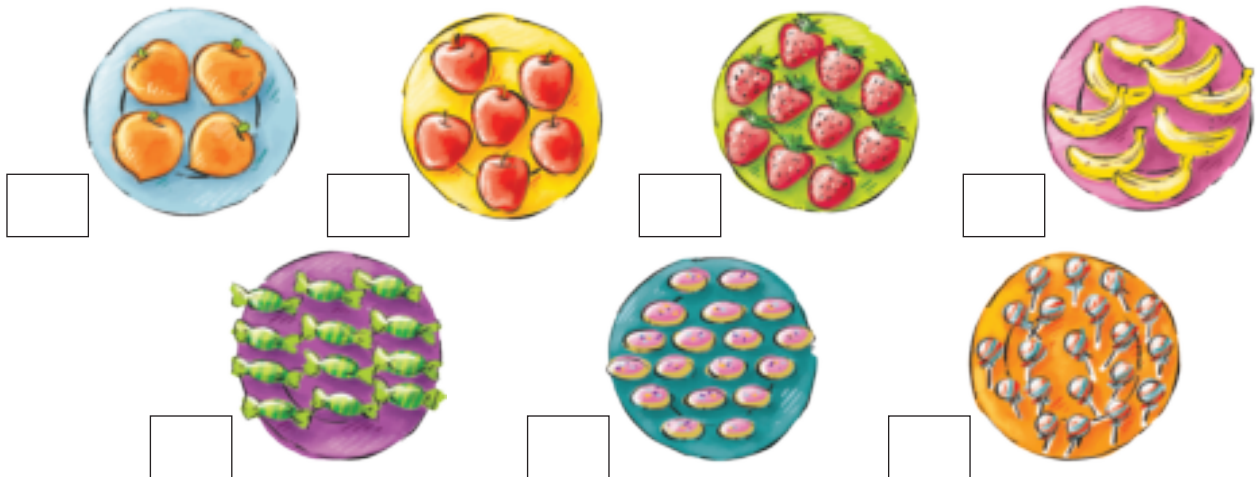
Ihhafu ya 20 ngu



Ihhafu ya 16 ngu



Yini ihhafu yelipulede ngalinye lekudla?



Teacher:

Sign:

Date:

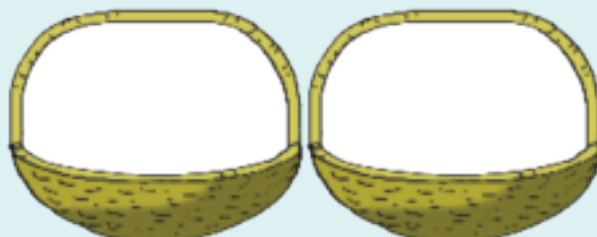
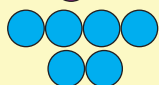
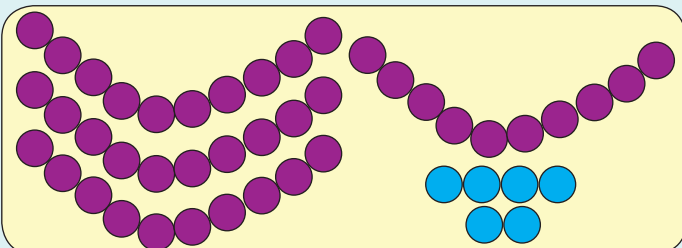
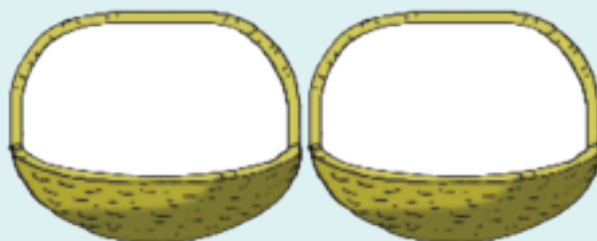
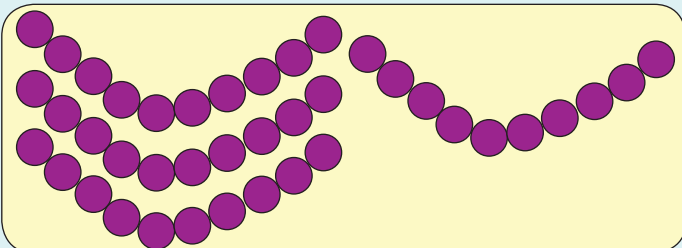
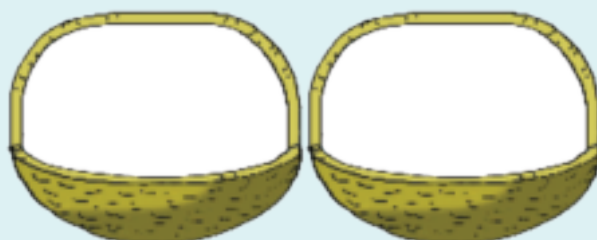
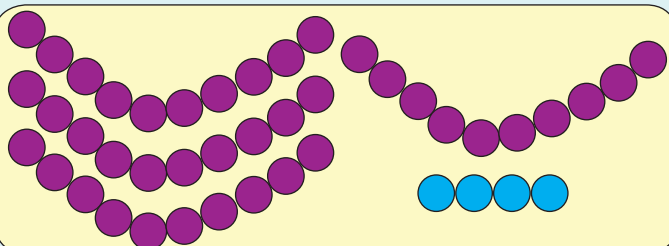
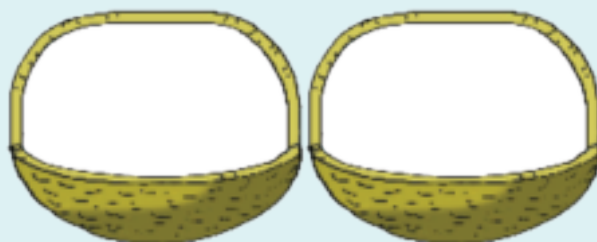
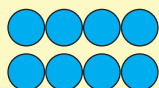
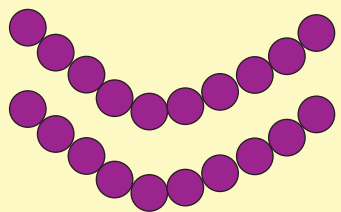


## Kwabelana 20 – 50

Tjela umngani wakho kutsi lobuhlalu babiwe njani kuletindishi letimbili.

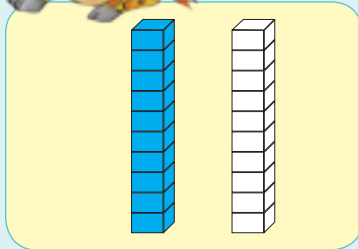


Yaba lobuhlalu lobungesancele emabhasikidini langesekudla ngalokulinganako.  
Budvwebe usabufaka ebhasikidini.

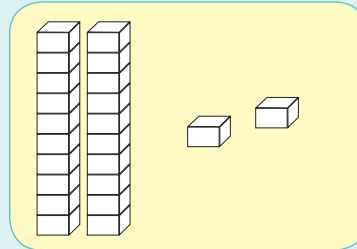




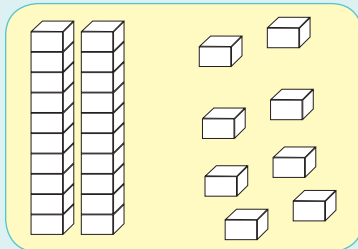
Faka umbala lohlukile ehhafini yaloku.



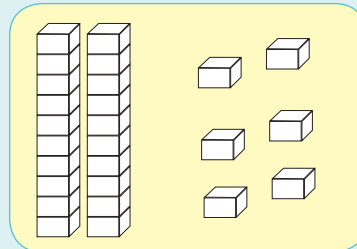
Ihhafu ya 20 ngu



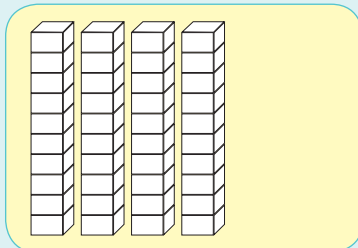
Ihhafu ya 22 ngu



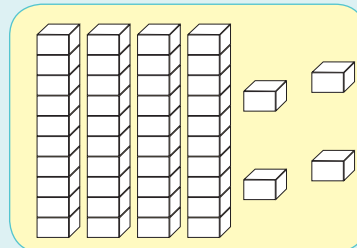
Ihhafu ya 28 ngu



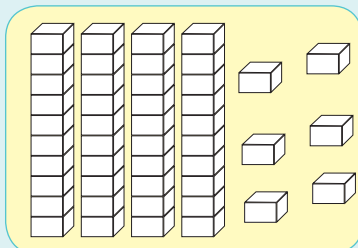
Ihhafu ya 26 ngu



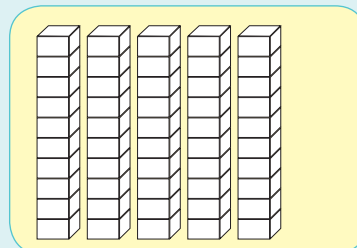
Ihhafu ya 40 ngu



Ihhafu ya 44 ngu



Ihhafu ya 46 ngu



Ihhafu ya 50 ngu



Faka umbala kuhhafu yedayagramu ngayinye.

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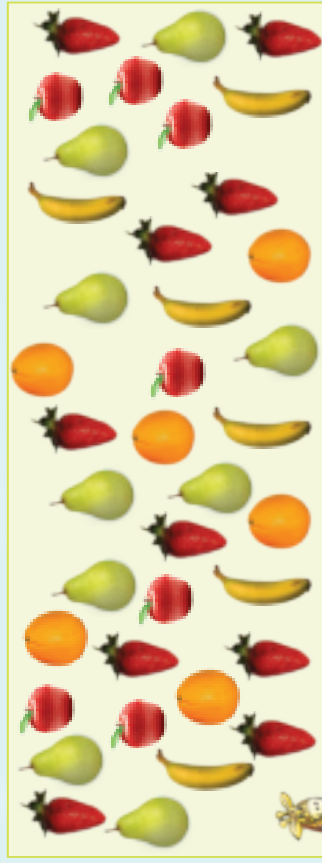
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Teacher:

Sign:

Date:



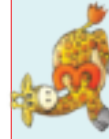
Hlunga letit'selo. Yenta wakakho umdwebo kukhomba loku. Bhala samba (ithothali) ebhokisini.



Ngekuhlunga  
ngibeka tutselo  
letifanako  
ndzawonye.

|  |                                                                                    |
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Buka letitself bese uphendvula imibuto.



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Ngusiphi sit'selo lesinaso kakhulu?

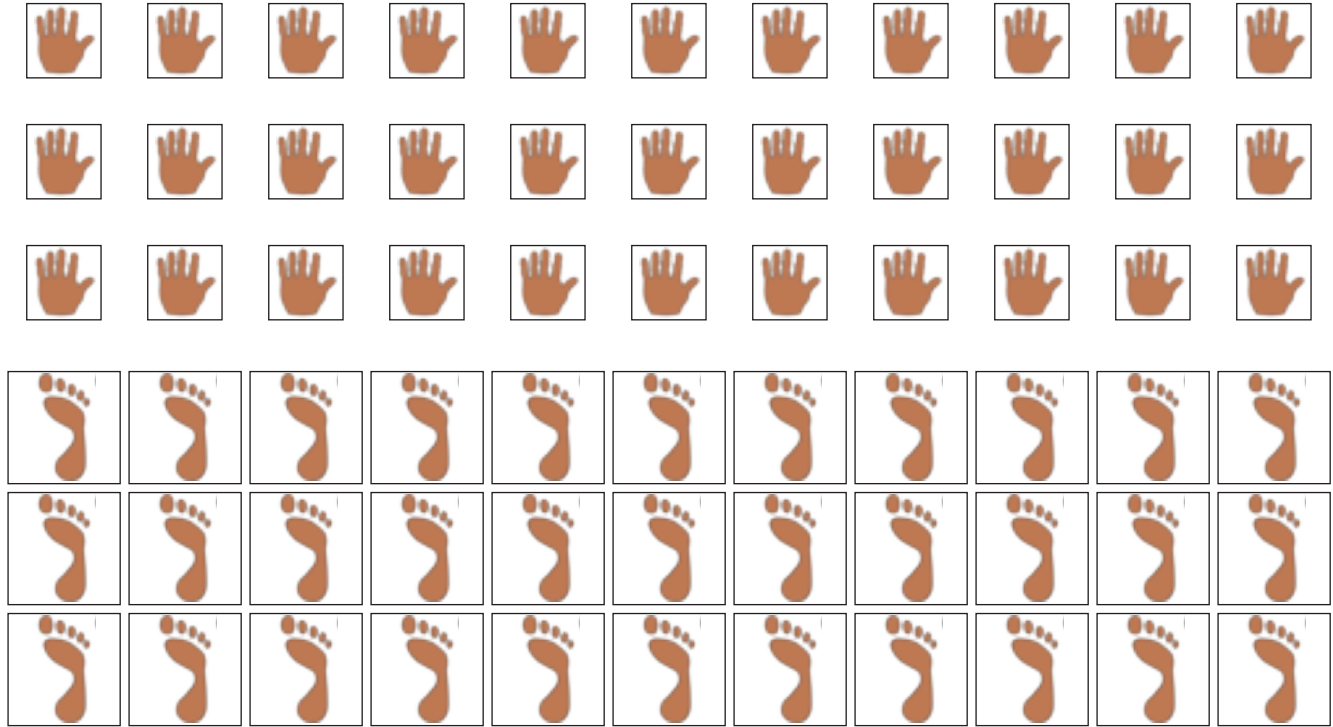
1000 JOURNAL OF CLIMATE

Ngusiphi sit'selo lesinaso kancane?

1000000

# Lokujutjiwe I

Lishadi lekusebentela 10 na 40



Lishadi lekusebentela 13

ekuseni  
kakhulu

imini  
yatsambama

intsambama

busuku

ekhatsi  
nebusuku

ekuseni nasemva  
kwemadina





# Lokujutjiwe 2

## Lishadi lekusebentela 22

### Imicimbi yemlandvo

Lilanga  
lemalungelo  
ebantfu

Lilanga  
lekucolana

Lilanga  
lebasebenti

Lilanga  
lebantfu labasha

Lilanga  
lemagugu

Lilanga labomake  
lavelonkhe

Lilanga  
lenkhululeko

### Timphawu taletinkholo

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
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Bhahayi

BuJuda

BuBhuda

BuMozilemu

BuKhrestu

Indzabuko  
yesiNtfu

BuHindu



# Cut-out 3

Worksheets 25 and 26

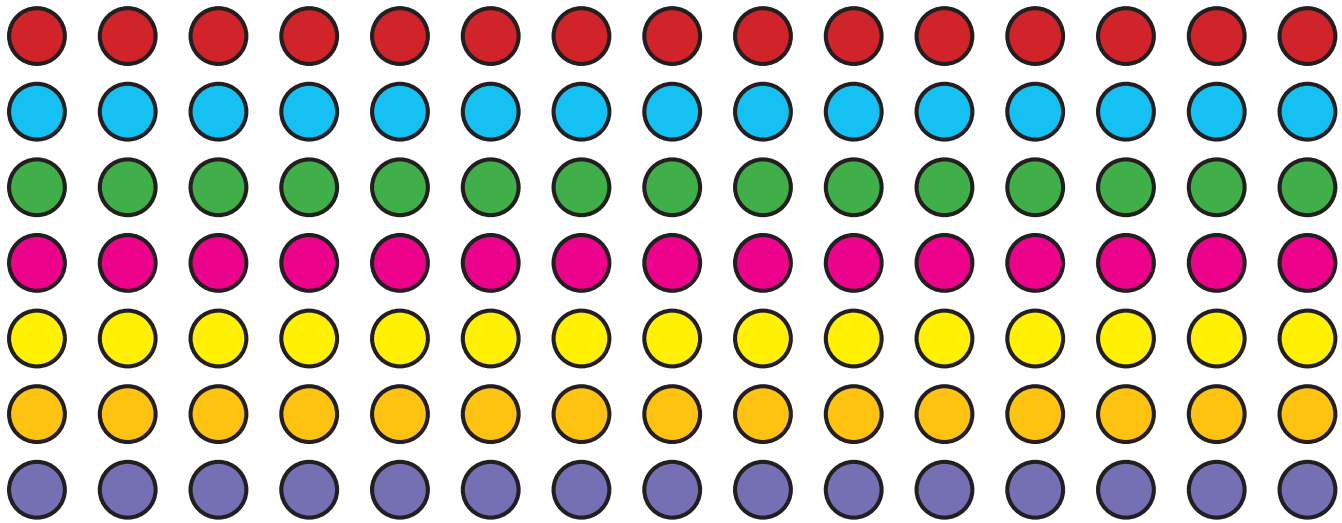




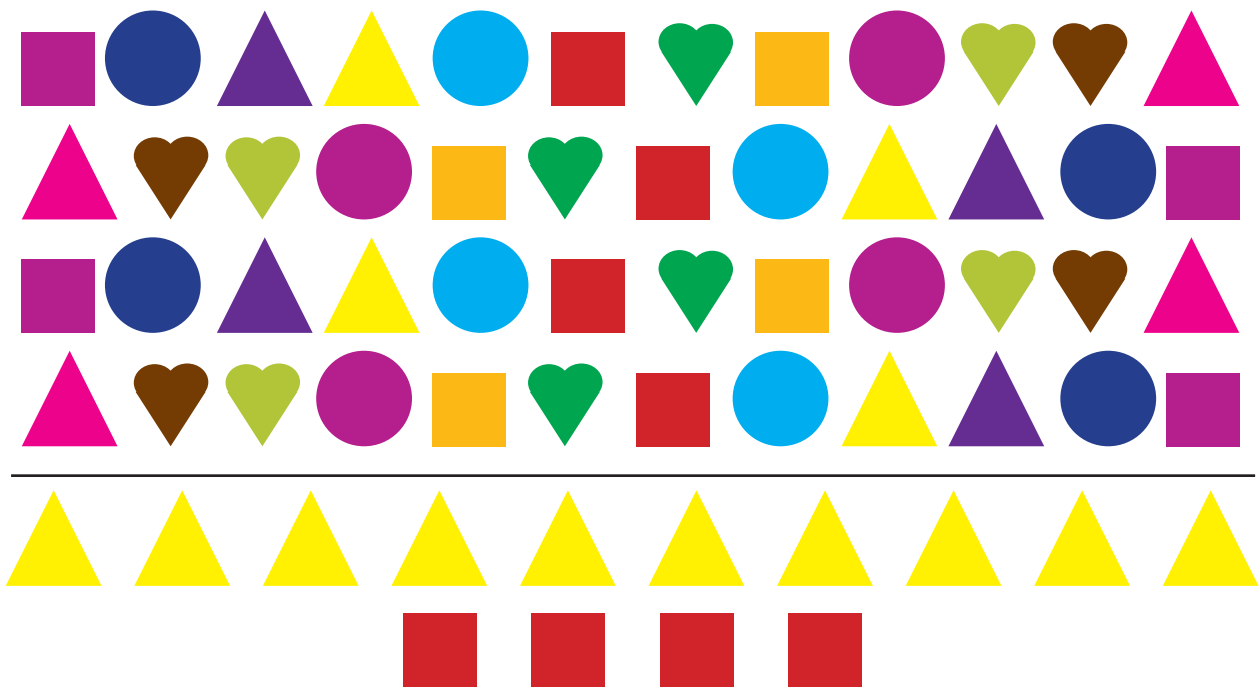


# Cut-out 4

## Worksheet 27



## Worksheet 60



## Worksheet 61

