

Nkhskt. Angie Motshekga,
iNdvuna yeMfundvo yeSisekelo



UMnu Enver Surty,
Liphini leNdvuna yeMfundvo
yeSisekelo

*Letincwadzi tekusebentela tikhicitelwe bantfwana baseNingizimu Afrika ngekuholwa yiNdvuna yeTemfundvo yeSisekelo, Nkhskt Angie Motshekga akanye neLiphini lakhe uMnu Enver Surty.*

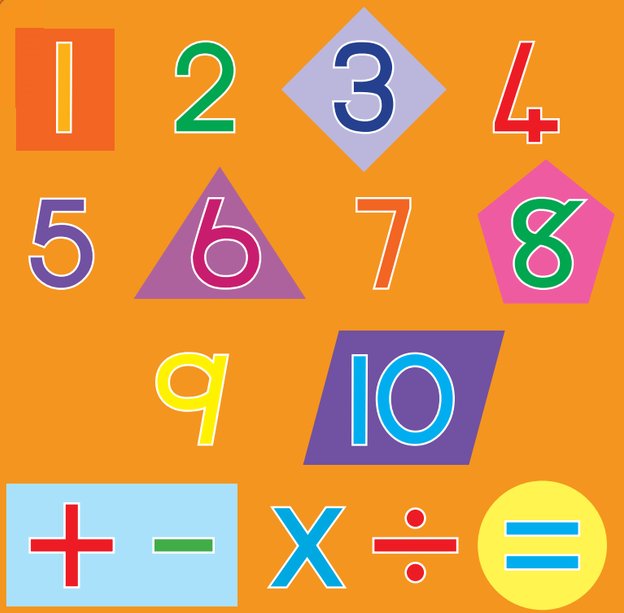
*LeTincwadzi Tekusebentela takaRainbow tiyincenye yemitamo yaleLitiko leTemfundvo yeSisekelo yekutfutfukisa bafundzi baseNingizimu Afrika emabangeni ekucala lasitfupha ekufundza. Njengalomunye wemigomo lehamba embili eLuhlelweni lweKusebenta lwaHulumende, lomsebenti ukhokhelwe ngesihle Silulu seTimali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

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

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

*Sifisela bothishela nebafundzi imphumelelo basachubeka nekusebentisa letincwadzi tekusebentela.*






Rainbow WORKBOOKS

MATHEMATICS IN SISWATI
GRADE 3 – BOOK 1
TERMS 1 & 2
ISBN 978-1-4315-0012-3

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TIBALO NGESISWATI – Libanga 3 Incwadzi 1

ISBN 978-1-4315-0012-3



# TIBALO NGESISWATI

Libanga 3

Incwadzi 1

Emathemu 1 & 2

Ligama:

Likilasi:

basic education
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA





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2 x 2=4

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

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



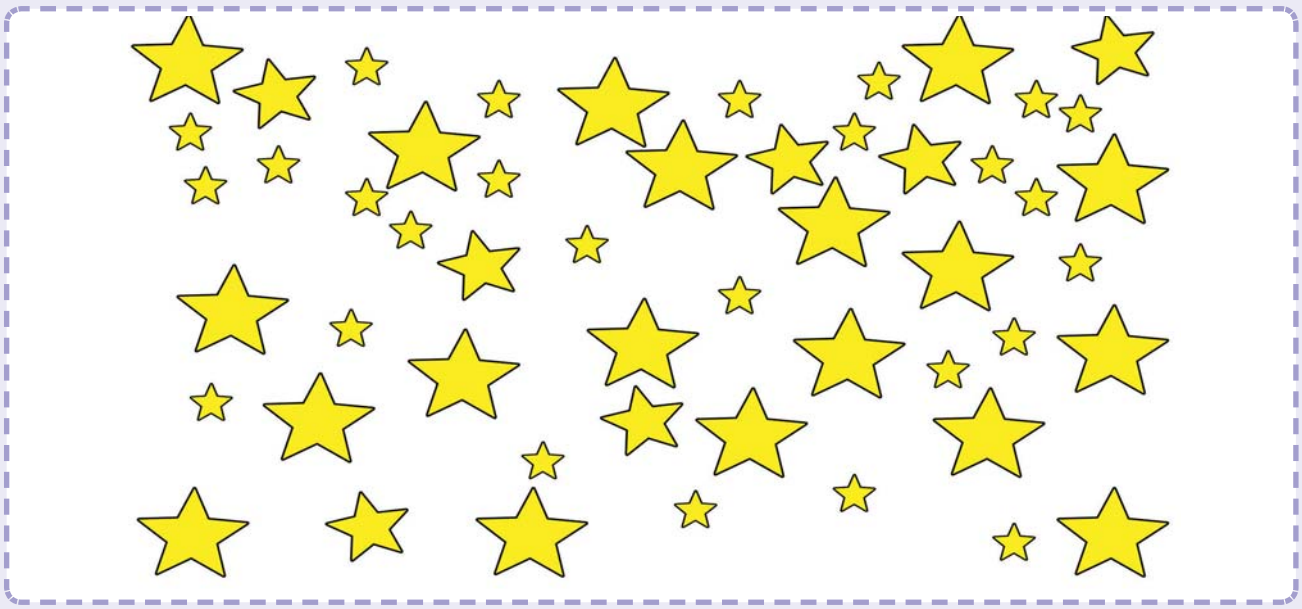
Lusuku: _____

# Bala, hlukanisa uphindze ukhombise



Tingakhi tinkhanyeti?
Sebentani ngemacembu alabatsatfu.

Catsanisa timphendvulo.



| |
|---|
| Linganisa kutsi tingakhi tinkhanyeti. _____ |
| Nyalo tibale. _____ |



## Tfola lophumelele!

Ngubani lolinganise kancono? Gcwalisani emagama enu netimphendvulo kulelithebula.

| | | | | |
|---|---|---|---|---|
| Ligama | | | | |
| Linganisa | | | | |
| Inombolo lebaliwe | | | | |
| Umehluko emkhatsini wekubekisa kwakho nekubala kwakho | | | | |



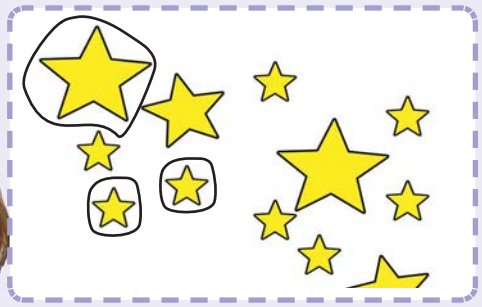




Tindlela tekubala. Sisite kutibhala phansi.



Ngibale ngaku-1 ngaku-1.



1, 2, 3, _____
_____



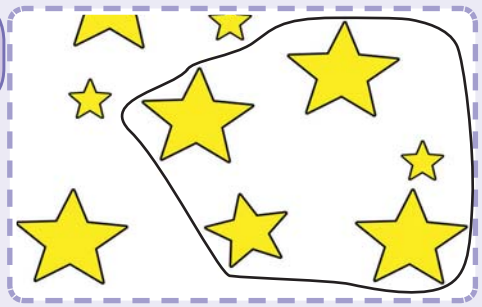
2, 4, 6, _____
_____



Ngibale ngaku-2.



Ngibale ngeti-5 ngase



5, _____
_____



_____
_____



Ngibala ngema-10.



## Bhala imishotinombolo

Uma uhlanganisa nobe ngutiphi tinombolo letimbili akukhatsaleki kutsi tihleleke njani.

Bhala imisho lemibili kuniketa samba selinani letinkhanyeti letinkhulu naletincane esitfombeni ekhasini 2.

Kukhulu Kuncane Ngalendlela *nobe* ngalendlela

 +  = ____

 +  = ____

futsi njengemushonombolo.

_____ + _____ = _____ *nobe* _____ + _____ = _____








# 2

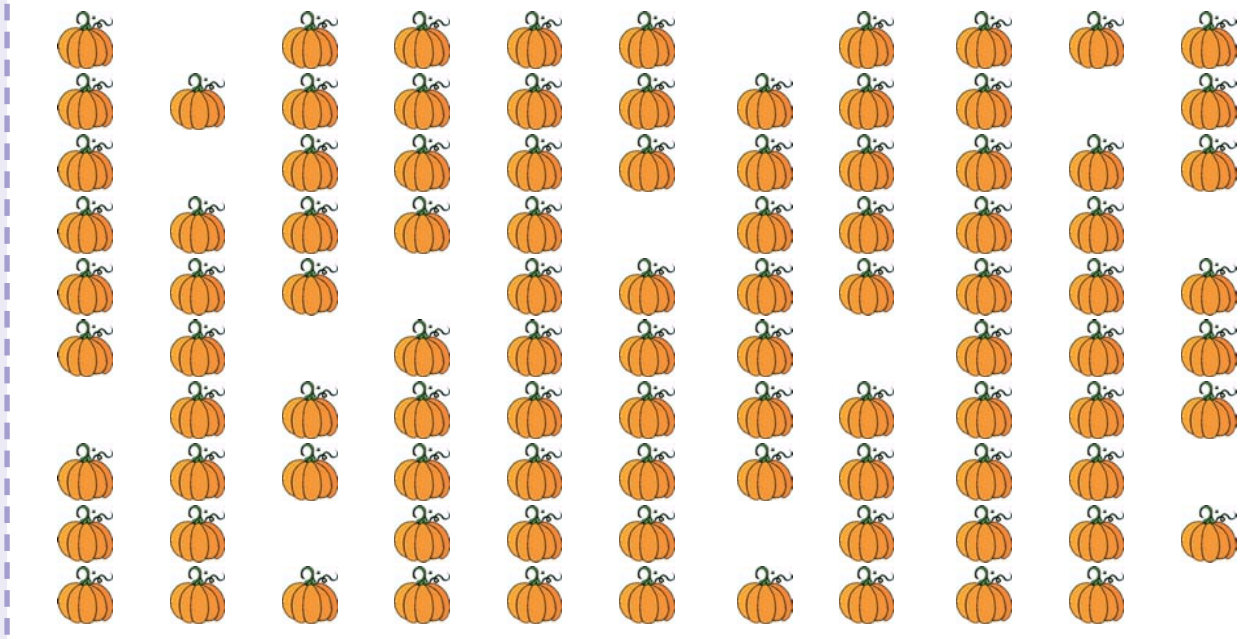
Lusuku: _____

## Kubala ngekuhlakanipha



### Bala lamatsanga

Tfola indlela lemalula yekuwabala



Imphendvulo: _____





### Pakisha ematsanga

Ematsanga lalishumi aya esakeni linye.

Mangakhi emasaka longawagcwalisa ngalamatsanga?_____

Mangakhi ematsanga lasalako? _____

Mangakhi lamanye ematsanga ladzingakalako kugcwalisa lelinye lisaka? _____







## Kusuka ku + kuya ku × (kuhlanganisa kuye kukuphindzaphindza)

Cendzela lemishotinombolo.

Sibonelo:

10 + 10 + 10 + 10 = 40 ⟹ 4 tincumbi tema-10 = 40 ⟹ 4 × 10 = 40





a. 10 + 10 + 10 = _____

_____ emacembu ema-10 = _____ ⟹ _____ × _____ = _____



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

_____ emacembu ema-10 = _____ ⟹ _____ × _____ = _____



## Tandla neminwe



Tingakhi tandla? _____ Mingakhi iminwe? _____

Bhala imphendvulo yakho ngetindlela leti-2.

_____ emacembu ema-10 = ____ na _____ × 10 = _____

Teacher:

Sign:

Date:





# 3a

Lusuku: _____

## Tinombolo kugridi



### Kukhuluma tinombolo

Bala uphindze usho tonkhe letinombolo kusuka ku 1–100. Khomba njengobe uhamba.

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



a. Bhala inombolo lengekho esibayeni lesilingangane ngasinye.

b. Bhala naleletinye tinombolo.

c. Luhlobo luni lwetinombolo letinombolo letimtfubi?



### Bhala letinombolo ngemagama.

| | | | |
|---|---|---|---|
| 90 | emashumi layimfica | 41 | |
| 77 | | 56 | |
| 14 | | 65 | |



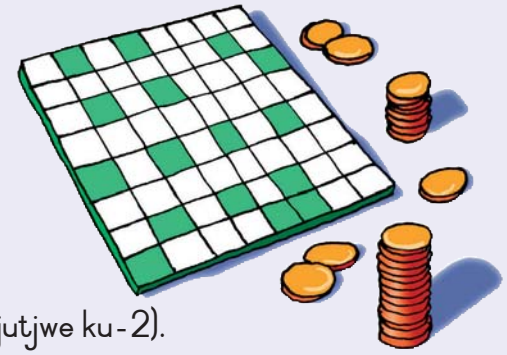






Utawudzinga: igridi yetinombolo 1–100.

## Bala uphindze uvale

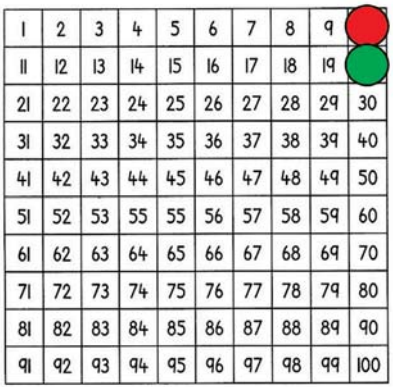
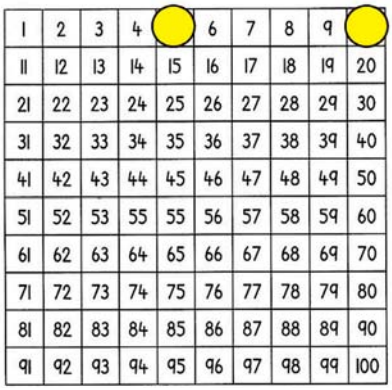
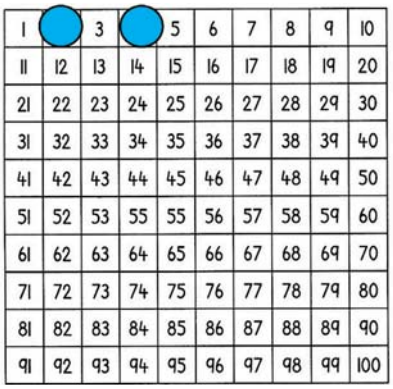


Ngcovota likhasi laLokujutjiwe I letintfo tekubala.

Tibeke ngesicumbi lesibekeke kahle.

Lungela kubala!

Sebentisa igridi yetinombolo netintfo tekubala takho (Letijutjwe ku-2).

| | | |
|---|---|---|
|  |  |  |
| Bala uphindze uvale lama-10. | Bala ubuye uvale si-5 kusuka ku-0 kuya kuli-100. | Bala uphindze uvale bo ku-2. |
| Bala ngema-10 kusuka ku-10 kuya kuli-100. | Bala ngeti-5 kusuka ku-5 kuya kuli-100. | Bala ngaku-2 kusuka ku-2 kuya kuli-100. |
| Bhala ngema-10 kusuka ku-10 kuya kuli-100. | Bhala ngeti-5 kusuka ku-5 kuya kuma-80. | Bhala ngaku-2 kusuka ku-2 kuya kuli-100. |
| | | |

Teacher:

Sign:

Date:



3b

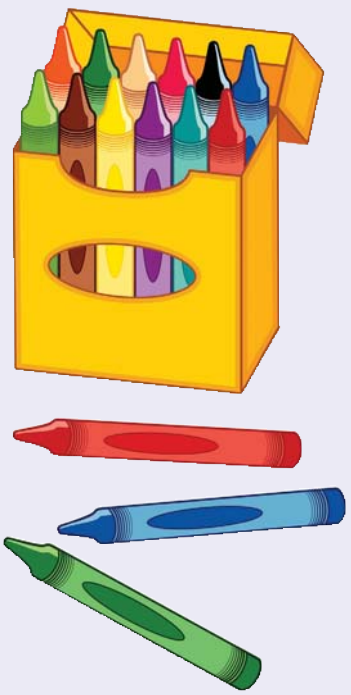
Lusuku: _____

# Emaphethini etinombolo (kuyachubeka)



Buka emaphethini

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



| | | |
|---|---|---|
| Bhala kuwo onkhe ema-10. | Bhala kuto tonkhe ti-5. | Bhala kubo bonkhe boku-2. |

Bhala tinombolo letima-20 tekucala letingena kuphethini yaku-2 nakuphethini yeti-5.

_____

_____

_____

_____



1 2 3 4 5 6 7 8 9 10



## Emaphethini ekubala

Gcwalisa tinombolo letingekho.

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

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

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

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

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

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

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

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

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

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

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

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

Teacher:

Sign:

Date:



# 4

Lusuku: _____

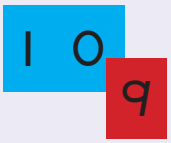
## Tikhundla



Khombisa tinombolo takho.

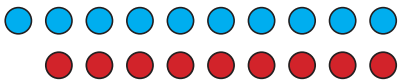
Ngcovota lamakhadi etinombolo kusuka kunombolo Lejutjiwe 3.
Sebentisa lamakhadi kwakha letinombolo.

19 43 69 54 35





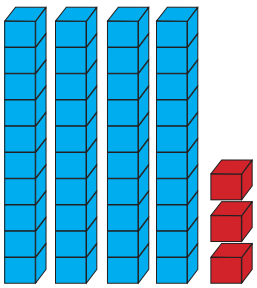

19

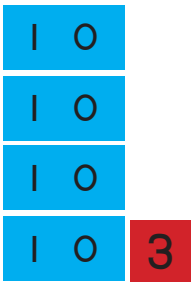





10 + 9 = 19

43






40 + 3 = 43

Ase utentele

54

35

69







5

Lusuku: _____

# Kuhlanganisa nekususa



Indzawo yekutsengisa yaLebo

Ekuseni Lebo unemaphakethe la-19 emahhabhula.
Ngesikhatsi sesidlo sasemini usele nemaphakethe lali-13.



a. Mangakhi emaphakethe latsengiswe nguLebo? ____

b. Bhala imphendvulo yakho njengemushonombolo.

_____ – _____ = _____

Bhala lomunye umushonombolo kukhombisa imphendvulo lefanako.
14 – 9 = 6 _____ _____ _____ _____ _____



Kutejwayeta kubala tinombolo 1+2=3

Bhala timphendvulo.

Sebentisa . . .
+ – =

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



Imindeni yetinombolo 5 9 14

Nati tibonelo talomndeni-nombolo.

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







Ungayitfola yini yonkhe imindeni-nombolo ya 14?

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



Ngitawenta njalo nange-12

12

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

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



6

Lusuku:

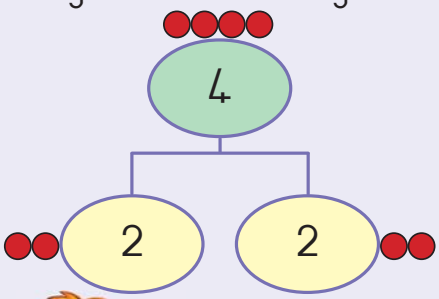
# Kuphindza kabili nekuhhafula

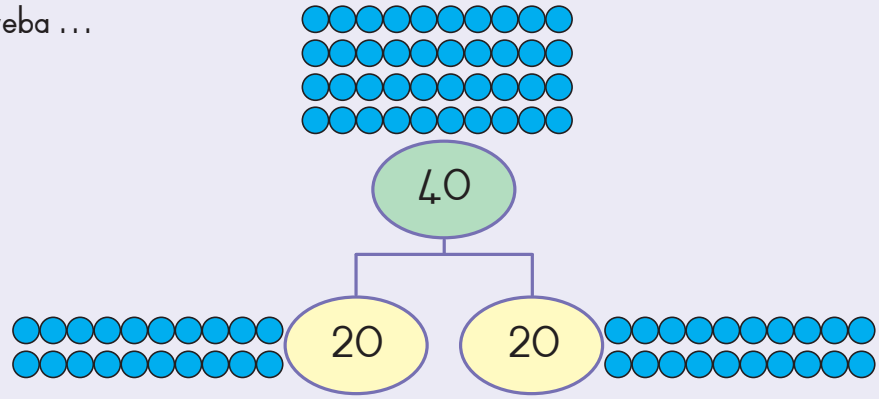
Uyakhumbula?

2 yihhafu ya-4
4 kuphindza kabili ku-2

20 yihhafu ye-40
40 kuphindza kabili ema-20

Singakukhombisa loku ngekudvweba ...






**Tfola letiphindvwe kabili nobe emahhafu**

a. 8

b. 60

c. 50

d. 48

e. 34

f. 66



Insayeya

**Tfola ihhafu ya 3.**

Khombisa njengenombolo noma ligama-nombolo.
Umdvwebo ungahle ukusite.





1 2 3 4 5 6 7 8 9 10



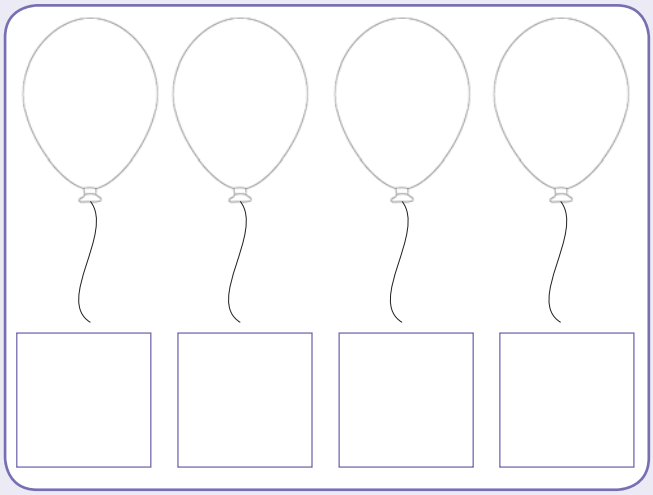
7

Lusuku: _____

# Emafrakishini

Faka umbala lobovu ekoteni yinye yemabhaluni, kulawa lamanye ufake lolingangane.

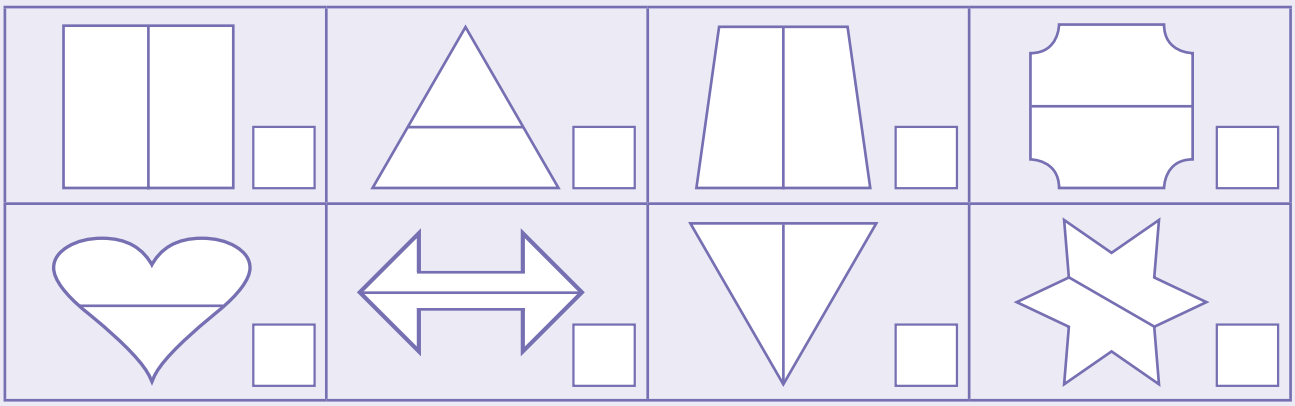
Faka umbala lobovu ehhafini yelibhoksi ngalinye.





Bukisisa sitfombe. Klwibhita bobunjwa labakhomba bohhafu.

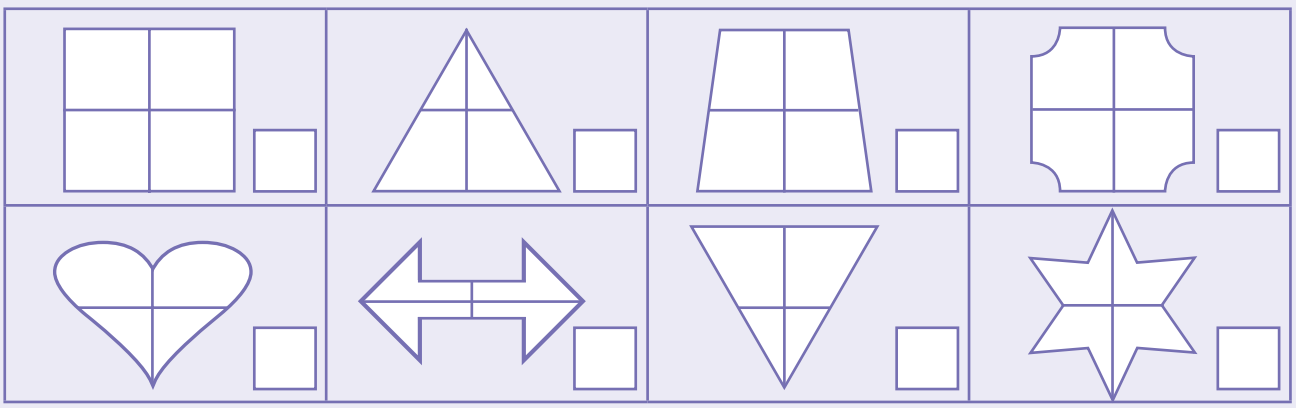
Faka umbala ehhafini yinye yabunjwa lohlukaniswe ngabohhafu.





Bukisisa labobunjwa. Klwibhita bobunjwa labakhomba emakota.

Faka umbala ekoteni yinye kuloyo naloyo bunjwa lohlukaniswe ngemakota.





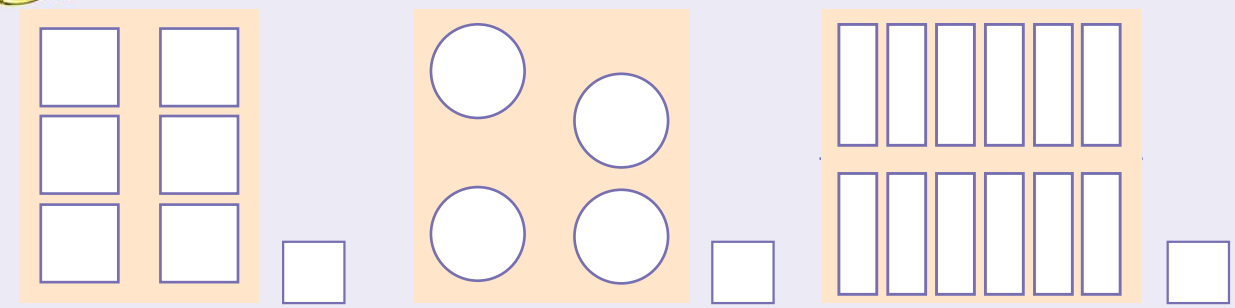


1 2 3 4 5 6 7 8 9 10



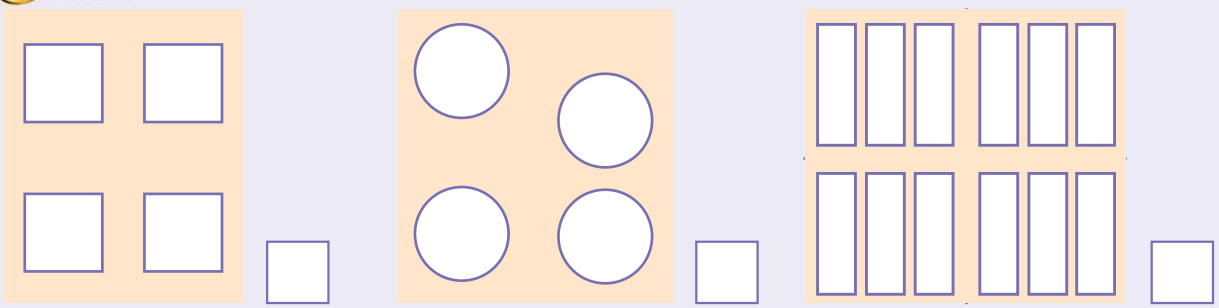


Faka umbala ehhafini yalabobunjwa. Ngubani ihhafu yenombolo yalabobunjwa?





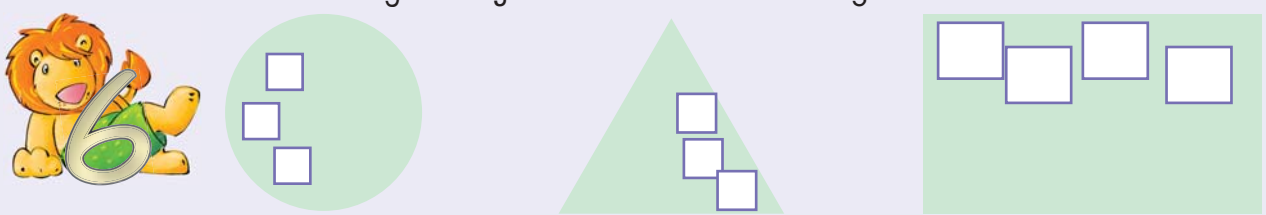
Faka umbala ekoteni yalabobunjwa. Ngubani ikota yenombolo yalabobunjwa?



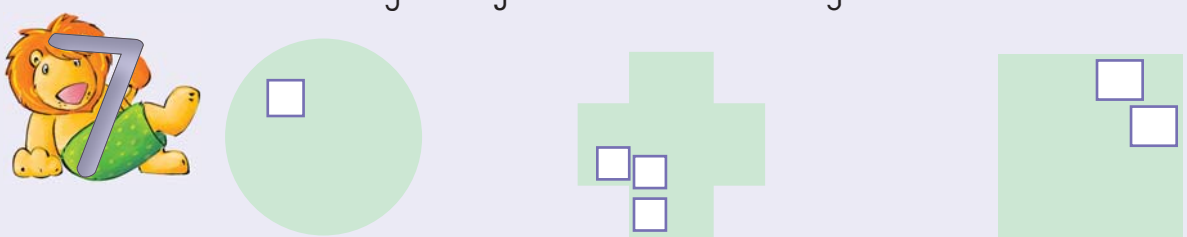


Bhala usebentisa inkhomba yefrakishini. Ihhafu ☐ Ikota ☐

Dvweba labanye bobunjwa kwenta labohhafu balingane.



Dvweba labanye bobunjwa kwenta lamakota alingane.



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20

8

Lusuku: _____

# Kwehlukanisa imali



Esitokifeleni

Make LaLubisi ubala futsi ehlukanise imali ecenjini.






| | |
|---|---|
| Linganisa linani leliphelele. | R_____ |
| Bala imali. | R_____ |

Catsanisa tilinganiso nemathothali.



## Konga imali



Gugu wongela emapheya eticatfulo letibita R89.

Kwanyalo unehhafu yalelinani.

Weswela malini ngetulu?

Bhala umushonombolo kukhombisa imphendvulo yakho.

_____ _____ _____



1 2 3 4 5 6 7 8 9 10



## 3 Ebhange

Maria upakisha imali yemaphepha ngetincumbi tema-10.

Unemali yemaphepha lesele.

Bhala emathothali esitfombe ngasinye.



| | Linani |
|---|---|
|   | R_____ |
|   | R_____ |
|   | R_____ |

## 4 Insayeya

Kuvakasha e-zu

Bantfu labadzala nebantfwana baya e-zu.

Batsenga emathikithi ngema-R90.

Bangakhi bantfwana? _____

Bangakhi labadzala? _____

Ngabe ikhona lenye imphendvulo?

Labadzala _____ Bantfwana _____




Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



9

Lusuku: _____

# Emaphethini



Sebentisa lebhodi-nombolo ya 200 kuphendvula imibuto.

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



Sebentisa ibhodi-nombolo ya 200 kucedzela letinombolo letine letilandzelako kulamaphethini etinombolo. Chubeka ufake umbala kuphethini lekubhodi-nombolo.

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





1 2 3 4 5 6 7 8 9 10





Yini loyibonako ngemaphethini lanembala munye?

Kubala **ngesihlanu**.

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

Kubala **ngakubili**.

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

Kubala **ngakutsatfu**

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

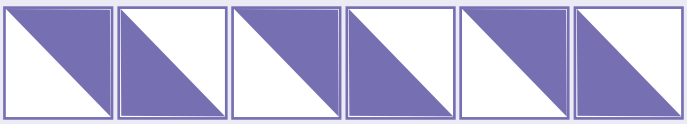
Kubala **ngalokulishumi**

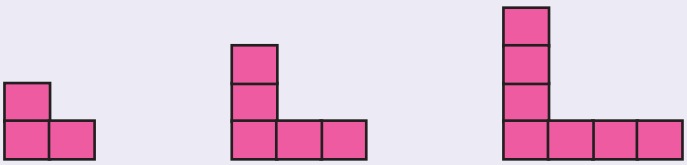
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 10 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |



Nweba lephethini







Teacher:

Sign:

Date:

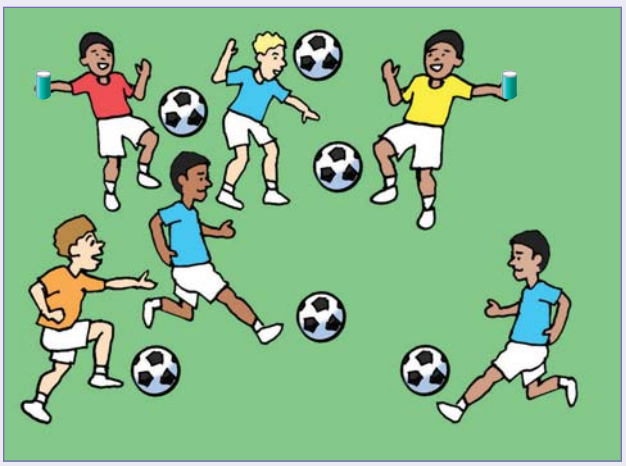


# 10

Lusuku: _____

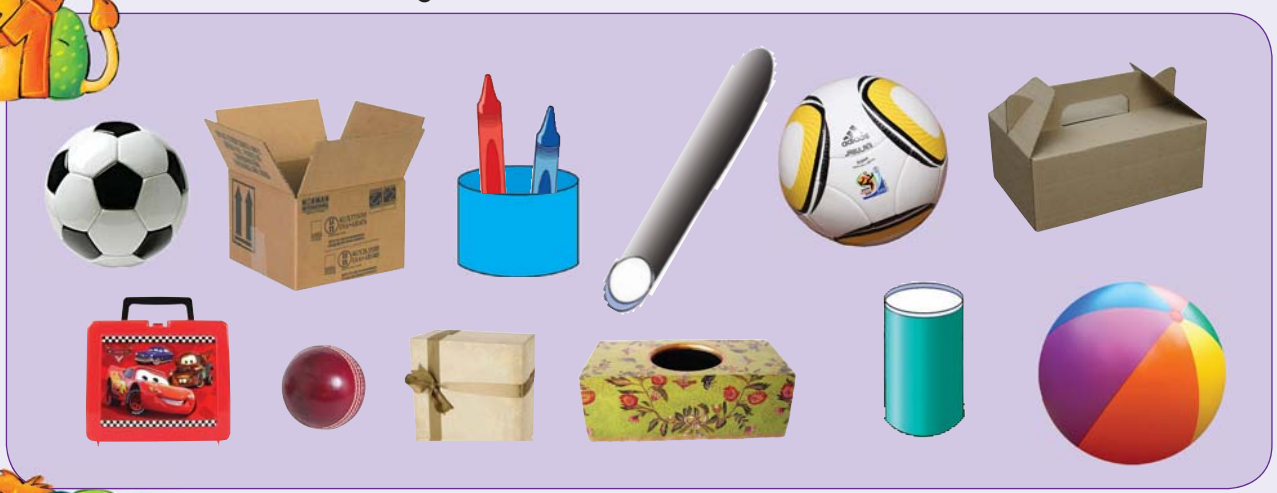
## Emabhola, emabhokisi nemasilinda







Kipilitela emabhokisi ngembala lolingangane, emabhola ngalobovu, emasilinda wona ngaloluhlata.



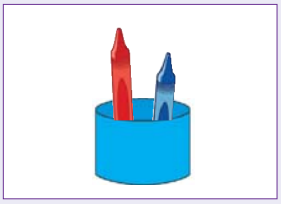


Faka umbala emphendvulweni lengiyo.



Libhokisi

Kuyashelela | Kuyagicika



Isilinda

Kuyashelela | Kuyagicika

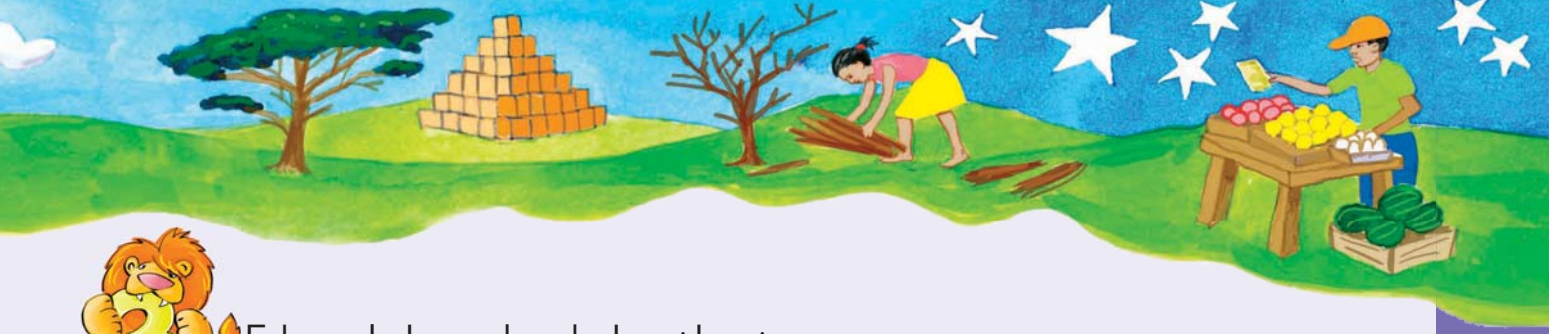


Ibhola

Kuyashelela | Kuyagicika



1 2 3 4 5 6 7 8 9 10





Faka umbala emphendvulweni lengiyo



Umnyele loyindilinga

Umnyele locondzile



Umnyele loyindilinga

Umnyele locondzile



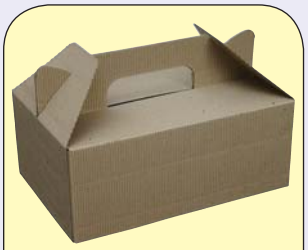
Umnyele loyindilinga

Umnyele locondzile



Umnyele loyindilinga

Umnyele locondzile



Umnyele loyindilinga

Umnyele locondzile



Umnyele loyindilinga

Umnyele locondzile



Umnyele loyindilinga

Umnyele locondzile



Umnyele loyindilinga

Umnyele locondzile



Shano kutsi ibhola isemuva, isembikwelibhokisi, eceleni noma ngetulu kwalo.



Ngemuva

Embikwe

Eceleni kwe

Etukwe



Ngemuva

Embikwe

Eceleni kwe

Etukwe



Ngemuva

Embikwe

Eceleni kwe

Etukwe



Ngemuva

Embikwe

Eceleni kwe

Etukwe



Teacher:

Sign:

Date:





Lusuku: _____

# Dvweba, niketa ligama uphindze ucatsanise nge 2-D



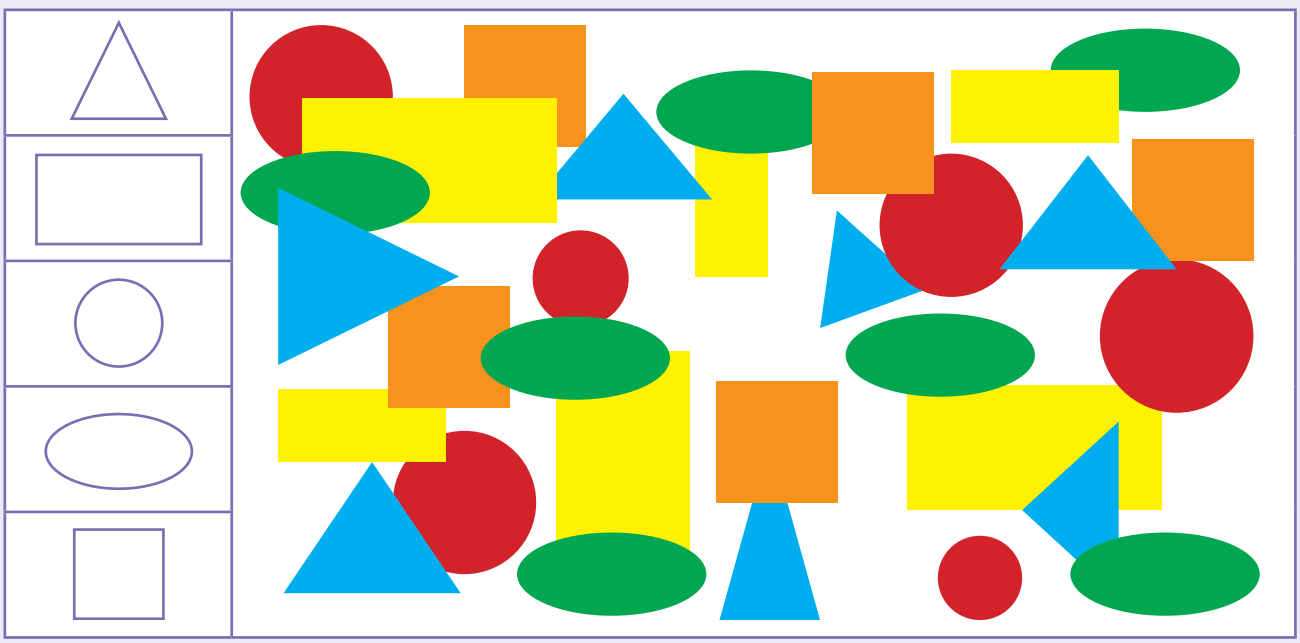
## Dvweba bobunjwa

| | | | |
|---|---|---|---|
| Calantsatfu | | Indilinga | |
| Sikwele | | Calandze | |



## Bala labobunjwa

Bala kutsi bangakhi bobunjwa labafana nalona longabatfola kulesitfombe.







1 2 3 4 5 6 7 8 9 10

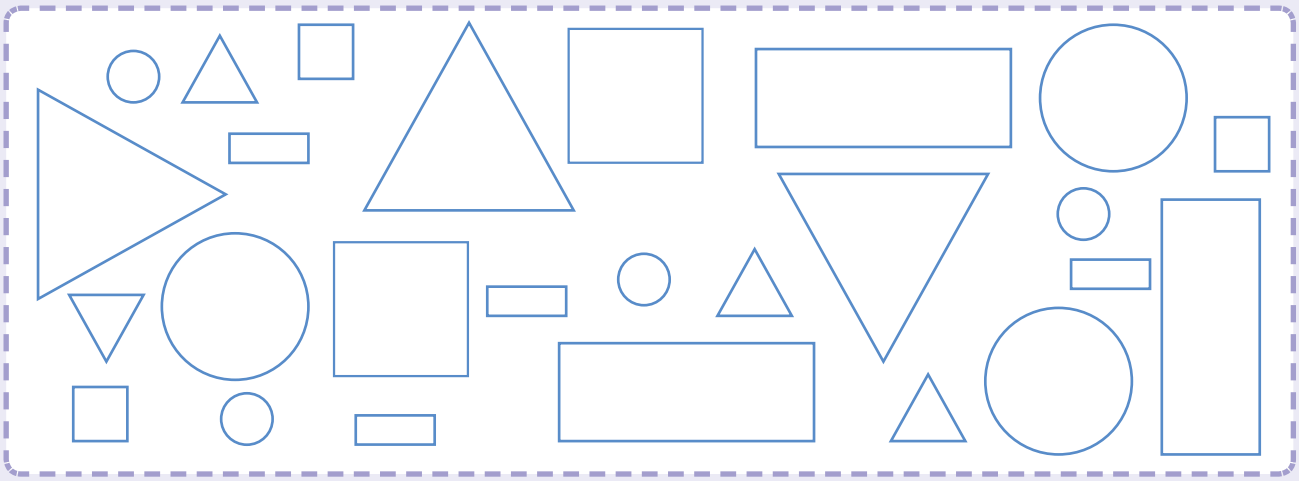




## Faka umbala



lobovu kutotonkhe tindilinga letinkhulu, loluhlata kuletincane; lolingangane kubocalantsatfu labakhulu, loliphuti kulabancane, mtfubi etikweleni letinkhulu, letincane losamsobo; lonsundvu kubocalandze labakhulu, lophinki kubocalandze labancane.





## Mangakhi emacala?

Bunjwa ngamunye unamangakhi emacala? Bhala inombolo kuleyo bhuloki. Sikwentele kunye. Lamacala acondzile nobe atindilinga? Faka umbala emphendvulweni lengiyo.

| Kucondzile | Indilinga |
|---|---|
| 3 | |

| Kucondzile | Indilinga |
|---|---|
| | |

| Kucondzile | Indilinga |
|---|---|
| | |

| Kucondzile | Indilinga |
|---|---|
| | |

| Kucondzile | Indilinga |
|---|---|
| | |

| Kucondzile | Indilinga |
|---|---|
| | |

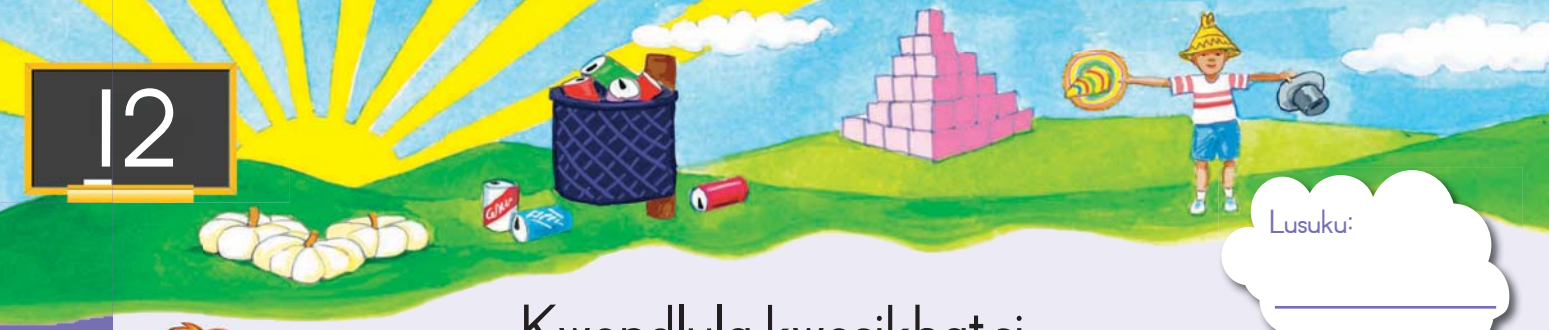
| Kucondzile | Indilinga |
|---|---|
| | |

| Kucondzile | Indilinga |
|---|---|
| | |



Teacher:
Sign:
Date:





12

Lusuku: _____

# Kwendlula kwesikhatsi



## Fundza sikhatsi

Ngabe lamawashi akhombisa tiphi tikhatsi?






___ enhloko ___ enhloko ___ enhloko ___ enhloko



## Zuba ngasewashini

Sita Gundvwanyana kubala imizuzu ngabo 5.
Cala kuli-12. Bala ufike ekugcineni.



Mingakhi imizuzu loyibalile? _____

Mingakhi imizuzu e-aweni li-1? _____



## Bhala sikhatsi

Dvweba tandla kukhombisa tikhatsi.



10 kwendlule 6



20 kwendlule 8



5 kwendlule 11



sigamu kwendlule 5





Tumi uya esikolweni.





Usuka ekhaya.



Ufika esikolweni.

Ngabe Tumi utsatsa sikhatsi lesingakanani? ___

## 4 Lilanga lekubhaka

Maria ubhaka sinkhwa.



Sinkhwa singena ku-avini.



Sinkhwa siyaphuma.



Sinkhwa sibhakeka imizuzu le _____.

## 5 Insayeya

Ngikhona kubona iphethini.



Kusikhatsi lesiphindziwe

a. Gucula lama-awa aye kumizuzu.

| Ema-awa | 1 | 2 | 4 | 8 |
|---|---|---|---|---|
| Imizuzu | 60 | | | |

b. Jabu utsatsa imizuzu lengema-45 kufika esikolweni. Tumi utsatsa sikhatsi lesiphindvwe kabili kulesi. Ngabe Tumi utsatsa sikhatsi lesingakanani kufika esikolweni? _____

Teacher:
Sign:
Date:



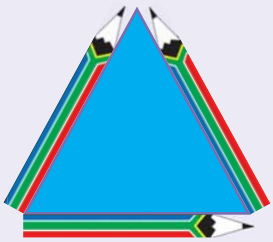
11 12 13 14 15 16 17 18 19 20

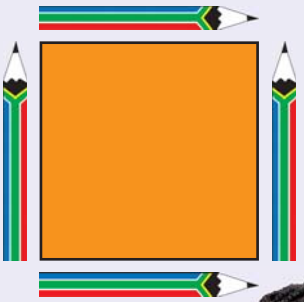
13

Lusuku:

# Kukala budze











Emacala onkhe alocalantsatfu atipeniseli leti-3 budze.



Emacala onkhe alesikwele atipeniseli leti-4 budze.



Engabe localandze unganani budze nebubanti?

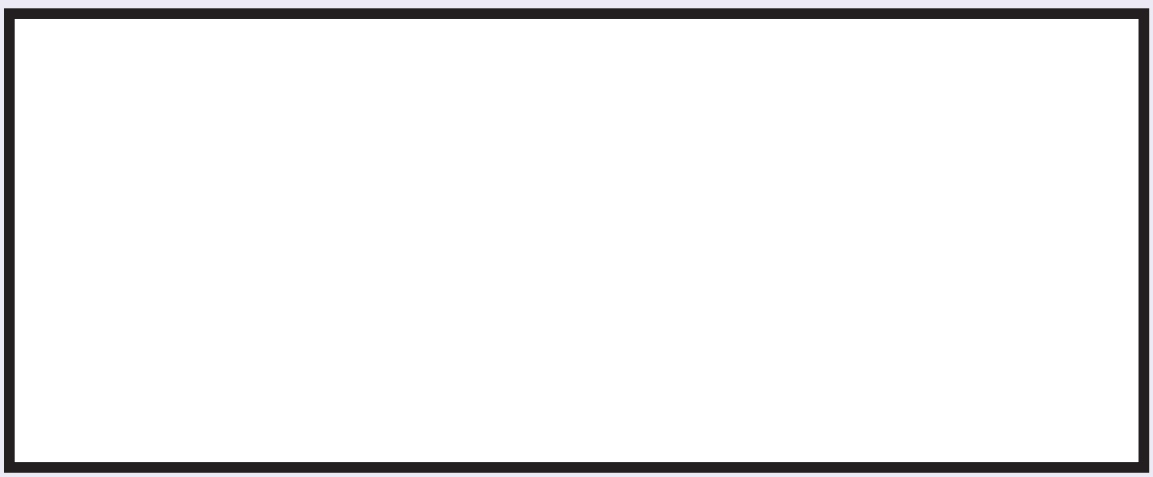
Localandze ungemapeniseli lamangakhi budze? ☐

Tingakhi tipeniseli letingangena ngebudze kulocalandze? ☐

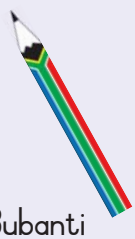
Localandze ungemapeniseli lamangakhi bubanti? ☐

Tingakhi tipeniseli letingangena ngebubanti kulocalandze? ☐

Budze



Bubanti



Utisebentise kanjani tipeniseli kubala?





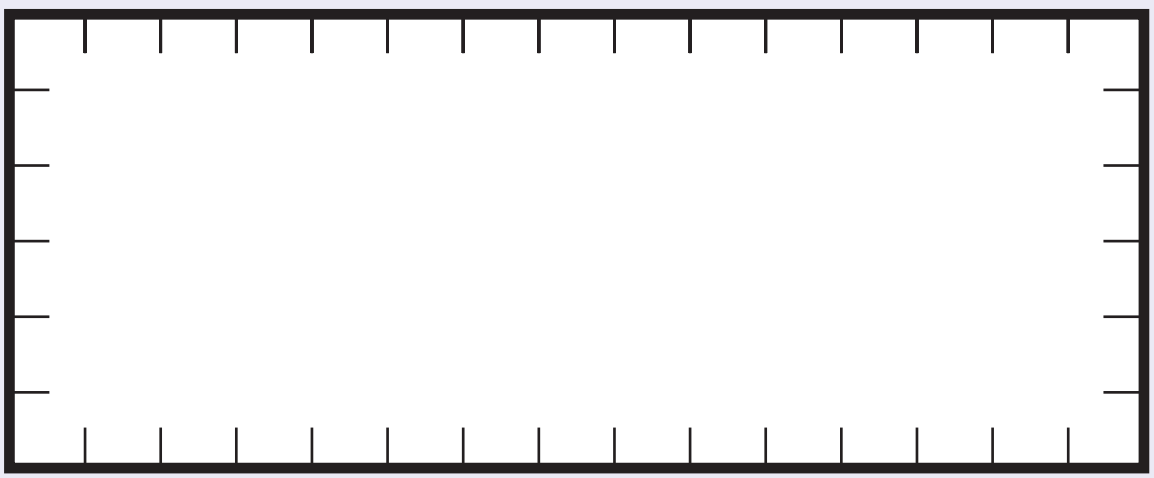


## Budze lobuyimfihlo

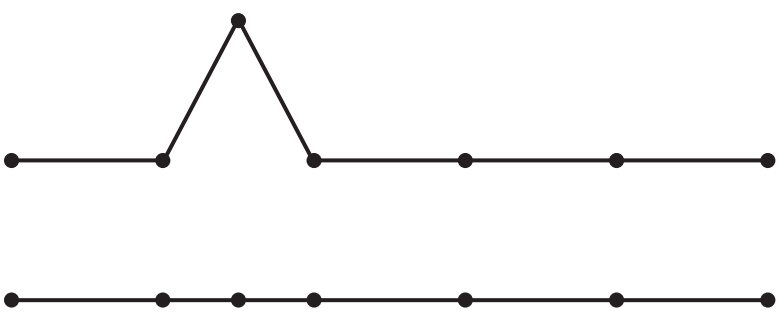
a. Mingakhi imigca lebovu loyidzingako kumbonya lomugca lomnyama ?



b. Mingakhi imigca lebovu loyidzingako kuhamba ugegelete wonkhe localandze?



c. Nguyiphi lendze indlela, lengetulu nobe lengaphasi, nobe iyafana?



Imphendvulo _____

Kungani? _____

Teacher:
Sign:
Date:



# 14

Lusuku: _____

## Umtsamo





Sevele ngifake letine tipunu kulenkomishi.

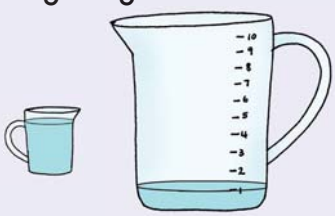
Kusele tingakhi tinkomishi temanti kutsi lesikotela sigcwale?

_____



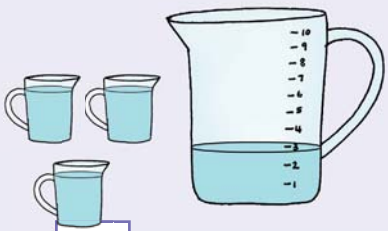
**Tingakhi tinkomishi temanti letikulesikotela?**
**Sidzinga tingakhi tinkomishi kutsi sigcwalise lesikotela?**

a.



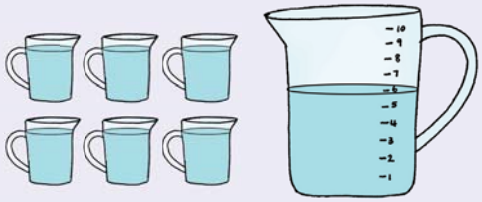
Esikoteleni [1] Sidzinga lokungetulu [9]

b.



Esikoteleni [ ] Sidzinga lokungetulu [ ]

c.



Esikoteleni [ ] Sidzinga lokungetulu [ ]

d.



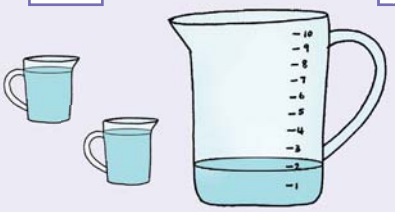
Esikoteleni [ ] Sidzinga lokungetulu [ ]

e.



Esikoteleni [ ] Sidzinga lokungetulu [ ]

f.



Esikoteleni [ ] Sidzinga lokungetulu [ ]

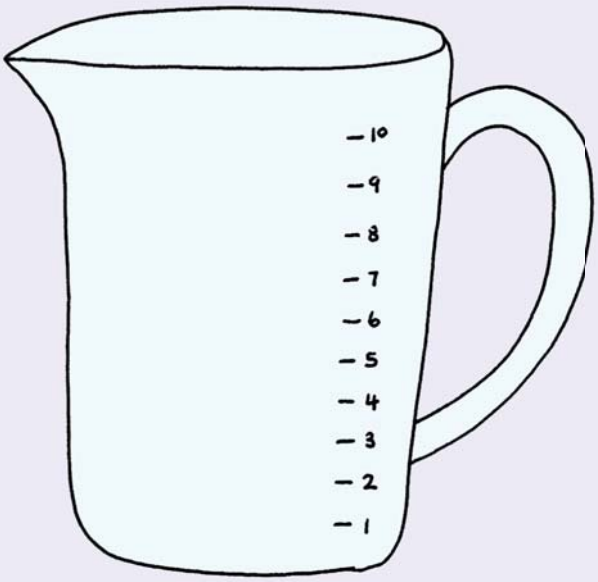


1 2 3 4 5 6 7 8 9 10





Bhala letigaba temikhatsi kulelijeke lekukala . Sikhombise sigaba 5. Gcwalisa leti letinye tigaba ejekeni.




Nangabe inkomishi yinye ifika kumkhawusikalo 2, udzinga tingakhi tinkomishi kugcwalisa lijeke kufike ku?

a. 4 _____

b. 6 _____

c. 8 _____

d. 10_____



Klwibhita tikotela letimumatsa ilitha yinye yemanti.



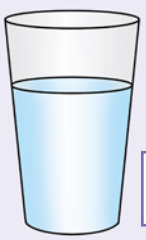
















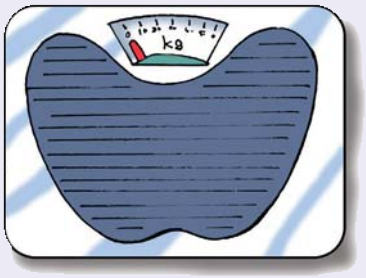

15

Lusuku: _____

# Sisebenta ngesisindvo



Asilinganiseni sisindvo!




Kutfola kutsi setfu, sisindza nobe simalula ngakanani, sisebentisa sikali.

Silinganiso sisindvo ngemakhilogramu. Sisebentisa lesifinyeto: kg.

Ngubani lonesisindvo lesikhulukati?



41 kg



38 kg



41 kg



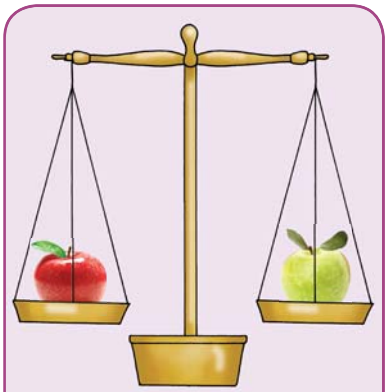
42 kg



39 kg



**Sisebentisa sikali - masimama kukala sisindvo.**



Kulesikali omabili emahhabhula esindza ngekulingana.





Phendvula umbuto: bhala a noma b.

Ngukusiphi sikali lapho khona lihhabhula lelilulata limatinyana kunelihhabhula lelibovu ☐

Ngukusiphi sikali lapho khona lihhabhula lelilulata limalulana kunelihhabhula lelibovu ☐



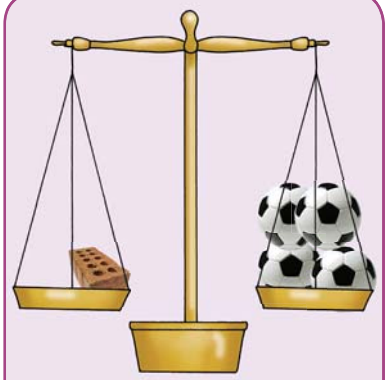
1 2 3 4 5 6 7 8 9 10



## 3

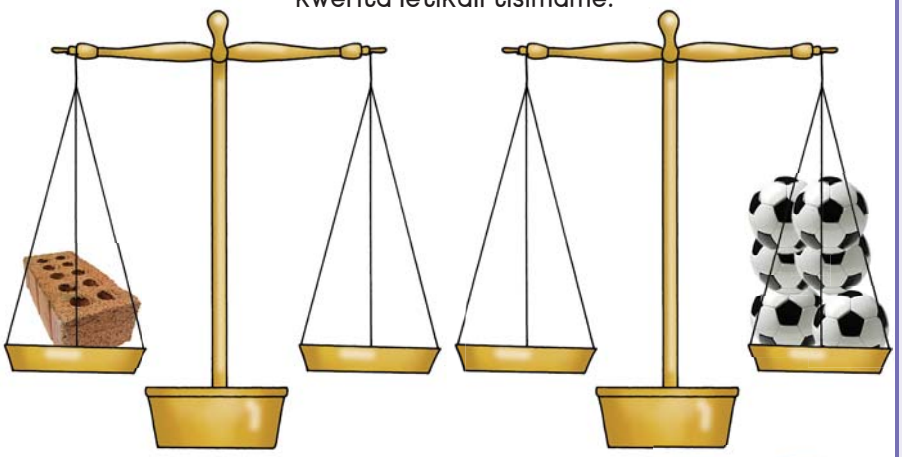
Linganisa sikali.

Sikwentele kwekucala.



Titini letimbili tinesisindvo lesilinganako nemabhola lamane.

Dvweba kutsi tingakhi titini noma emabhola lowadzingako kwenta letikali tisimame.



## 4

Nangabe liphasela linye linesisindvo lesingu 3 kg, emaphasela la ____ atawusindza kangakanani?



a. 2 _____

b. 3 _____

c. Ngingawakala yini emaphasela lama-4 ngasikhatsi sinye kulesikali sasekhishini? _____

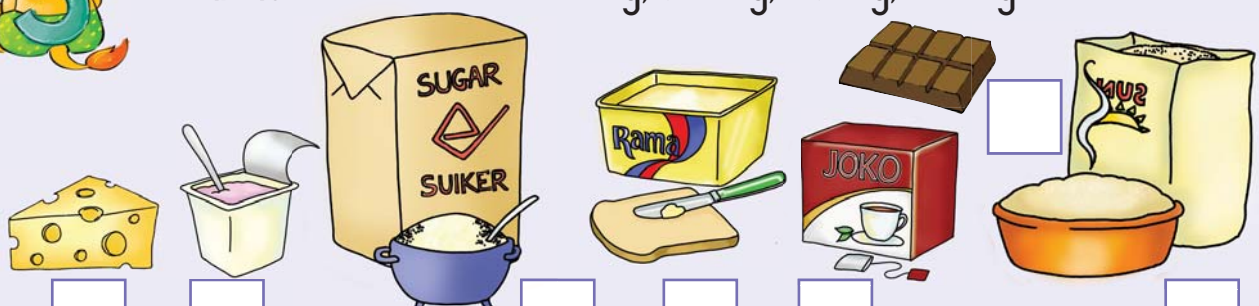
Usho ngani? _____

_____

_____

## 5

Klwibhita sikotela lesitsatsa l kg, 500 g, 250 g, 200 g.




Teacher:

Sign:

Date:



16

Lusuku:

# Kusebentisa idatha



Ticatfulo ekilasini



Fundza lendzaba.

Thabo: Hawu, Nkhosikati! Jack sidlakela! Ugcoka sayizi 6 weticatfulo!

Nkhs Khoza: Kulungile! Yebo, Thabo, loko kukhulu kumntfwana lonemfica yemnyaka budzala! Wena Thabo ugcoka sayizi bani weticatfulo? Ngabe likilasi selilonkhe ligcoka sayizi bani weticatfulo? Asenteni umklamo!

Bafundzi abasho emasayizi eticatfulo tabo, ngamunye ngamunye.

Make Khoza ubala emasayizi ebhodini.

Make Khoza: Bala, bese ubhala kutsi mangakhi emasayizi ngayinye etafuleni.

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

Gcwalisa lelithebula ngaphasi.

| Emasayizi eticatfulo ekilasini | | | | | |
|---|---|---|---|---|---|
| Isayizi 1 | Isayizi 2 | Isayizi 3 | Isayizi 4 | Isayizi 5 | Isayizi 6 |
| | | | | | |



1 2 3 4 5 6 7 8 9 10





Manje dvweba igrafusitfombe



= I bafundzi

| | | | | | |
|---|---|---|---|---|---|
| | | | | | |
| Isayizi I | Isayizi 2 | Isayizi 3 | Isayizi 4 | Isayizi 5 | Isayizi 6 |



Nyalo phendvula lemibuto.

a. Bafundzi labanyenti bagcoka yiphi isayizi yeticatfulo _____.

b. Linani lelincane ligcoka isayizi _____.

c. _____ webantfwana bahlanganyele kulomklamo.



## Nine-ke nigcoka yiphi isayizi?

Tfola kutsi wena nebangani bakho nigcoka waphi emasayizi!

- Sebentani ngemacembu alaba-6 nalabasi-8.
- Gcogca idatha yakho.
- Bhala lelinani lemasayizi eticatfulo etafuleni.
- Catsanisa timphendvulo nalamanye emacembu.



Teacher:

Sign:

Date:



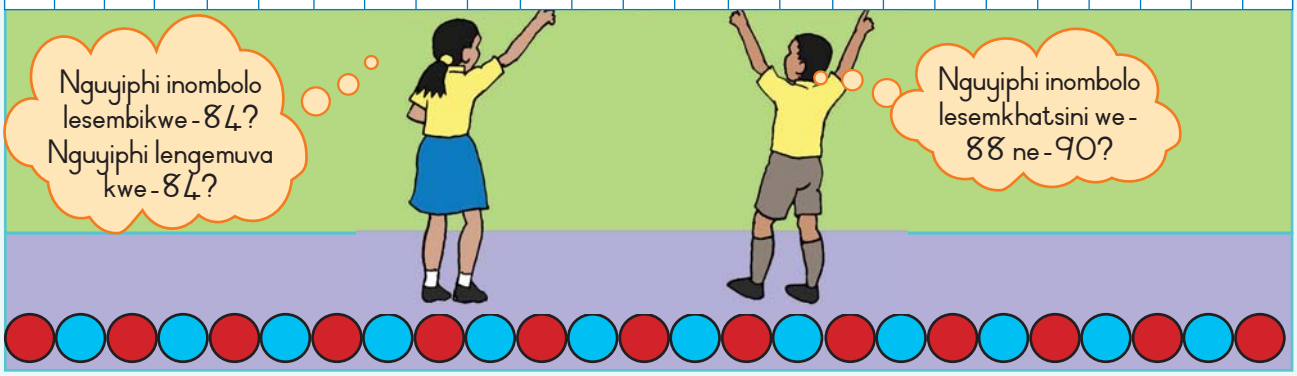


17

Lusuku: _____

# Catsanisa tinombolo uphindze ulandzelanise kahle tinombolo

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






Gcwalisa tinombolo letishiyiwe.

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

Sebentisa libhodi nombolo kuphendvula lemibuto

- Nguyiphi inombolo lesembikwe-68? _____
- Nguyiphi inombolo lesemva kwe-68? _____
- Bhala phasi tinombolo letisihlanu letincane kune-71. _____, _____, _____, _____, _____
- Bhala phasi tinombolo letisihlanu letingetulu kwe-71. _____, _____, _____, _____, _____
- Ngutiphi tinombolo letisemkhatsini we-79 ne-84?_____
- Bhala tinombolo kusukela kulencane kuya kulenkhulu. 73, 52, 50, 59, 61

  _____
- Bhala tinombolo kusukela kulenkhulu kuya kulencane. 74, 96, 99, 91, 38

  _____



1 2 3 4 5 6 7 8 9 10





Cedzela lelithebula. Cala ngenombolo lonikwe yona.

| | Lenkhulu ngakunye | Lencane ngakunye | Lengetulu ngelishumi | Lengephasi ngelishumi |
|---|---|---|---|---|
| 25 | | | | |
| 39 | | | | |
| 74 | | | | |
| 56 | | | | |
| 40 | | | | |



Kipilitela inombolo lenkhulu kakhulu.

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

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

Kipilitela inombolo lencane kakhulu.

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

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



Nangabe < asho lokuncane kuna, kani > usho lokukhulu kuna, cedzela:

32 | < | 64 23 | > | 18

57 | | 98 89 | | 57



Tfola tinombolo letisihlanu ephephandzabeni letisemkhatsini we-50 ne-99 bese utinamatsisela lapha. Iyinye inombolo isho kutsini?

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



2 0 6

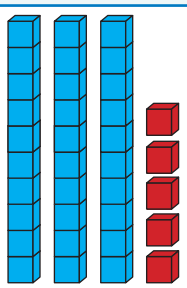
2 6

b. Singawasebentisa emakhadi nombolo kukhombisa loku lokungetulu.

| Inombolo | Mangakhi emashumi? | Mangakhi emayunithi? | Bhala lenombolo ngemagama |
|---|---|---|---|
| 26 | 2 | 6 | Emashumi lamabili nesitfupha |
| 46 | | | |
| 99 | | | |



Ngubani inombolo?

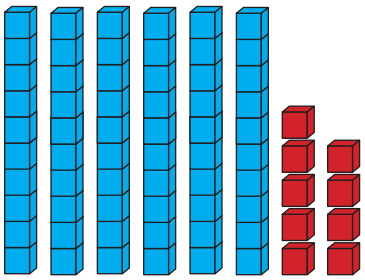


3 0 5

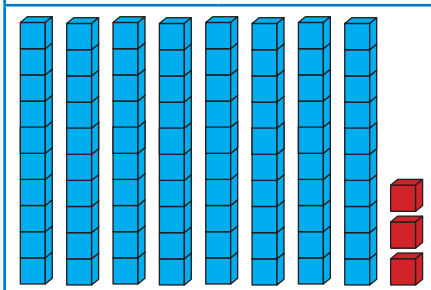
3 5

| Emashumi | Emayunithi |
|---|---|
| 3 | 5 |

Emashumi lamatsatfu nesihlanu 35



| Emashumi | Emayunithi |
|---|---|
| | |



| Emashumi | Emayunithi |
|---|---|
| | |

Teacher:

Sign:

Date:



11 12 13 14 15 16 17 18 19 20



19

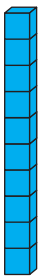
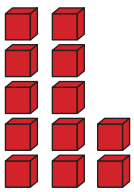
Lusuku: _____

# Kubeka emashumi ndzawonye uma sihlanganisa kufika kuma-99

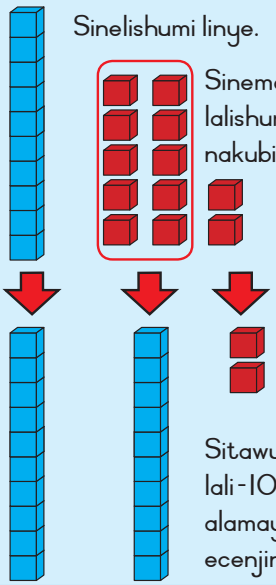


## Fundza

Nayi indlela yinye yekukhombisa 22.

| Emashumi | Emayunithi |
|---|---|
|  |  |
| I lishumi | 12 emayunithi |
| 1 0 | 1 0 2 |

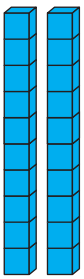
Sinelishumi linye.



Sinemayuthi lalishumi nakubili.

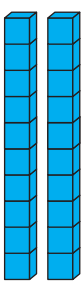
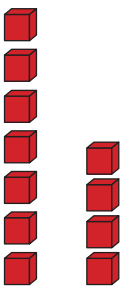
Sitawubeka lali-10 alamayunithi ecenjini

Nyalo sinalenye indlela yekukhombisa 22.

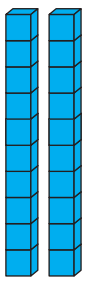
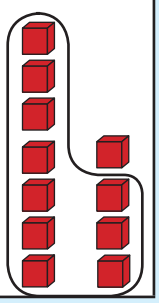
| Emashumi | Emayunithi |
|---|---|
|  |  |
| 2 lishumi | 2 emayunithi |
| 2 | 2 |

Asihlanganiseni 27 + 4. Lamabhuloki lalingangane ngulawa lesicala ngawo. Lawa labovu ngulawa lesiwengetako.

27 ngemashumi lama-2 kanye nemayunithi la-7. Emva kwaloko singengeta lamanye emayunithi la-4.

| Emashumi | Emayunithi |
|---|---|
|  |  |
| 2 Emashumi | 7 emayunithi + 4 emayunithi |
| 2 0 | 7 4 |

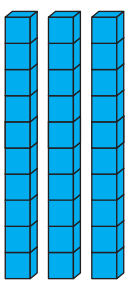
Sinemashumi lama-2 nemayunithi la-11.

| Emashumi | Emayunithi |
|---|---|
|  |  |

Singakhombisa emayunithi la-10 njengelishumi linye.

2 0 1 0 1

Nyalo sinemashumi lama-3 + 1 yunithi = 31

| Emashumi | Emayunithi |
|---|---|
|  |  |

___ + ___ = ___

3 1



1 2 3 4 5 6 7 8 9 10



## Bhala lomushonombolo lokhonjiswe esitfombeni

| Emashumi | Emayunithi |
|---|---|

10 + 5 + 6

| Emashumi | Emayunithi |
|---|---|

___ + ___ + ___

| Emashumi | Emayunithi |
|---|---|

___ + ___ = ___

## Cedzela letitfombe. Bhala imisho nombolo lekhonjiswa sitfombe.

| Emashumi | Emayunithi |
|---|---|

| Emashumi | Emayunithi |
|---|---|

| Emashumi | Emayunithi |
|---|---|

| Emashumi | Emayunithi |
|---|---|

| Emashumi | Emayunithi |
|---|---|

| Emashumi | Emayunithi |
|---|---|

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

# 20a



Lusuku: _____

# Yicatulule kumugcanobolo



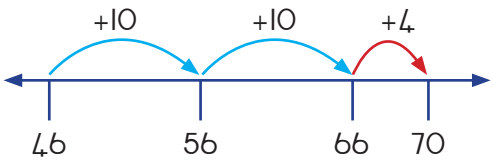
## Hlala edesikini lakho!

Esikolweni setfu umfundzi ngamunye unelidesiki lakhe. Kunebafundzi labama-46 kuLibanga 3A kantsi bangema-24 kuLibanga 3B. Sidzinga mangakhi emadesiki kulamakilasi lamabili?

## Sebenta nemngani

Buka kutsi labafundzi labatsatfu bawusebentise njani umugca-nombolo kucatulula inkinga. Cedzela letibalo ngekusebentisa lesibonelo.






Kumele ngihlanganise ema-24 kuma-46.



Loku nguloku lengikwentako: Ngicala ngekwengeta li-10. Loku kunginiketa ema-56. Ngibese ngizuba lelinye li-10 kufika kuma-66. Futsi kwekugcina, ngizuba lomunye 4 kufika kuma-70.

Yikhombise ngemakhadi nombolo akho

$= 46 + 10 + 10 + 4$

$= 56 + 10 + 4$

$= 66 + 4$

$= 70$

a. $32 + 25 =$ ☐



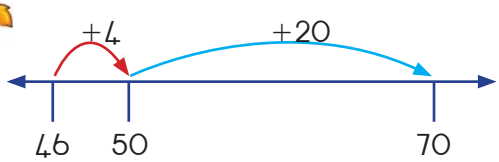


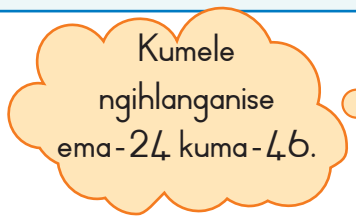
1 2 3 4 5 6 7 8 9 10

b. $52 + 26 =$ ☐

c. $46 + 25 =$ ☐








Loku nguloku lengikwentako: Kwekucala ngizuba-4. Loku kutangiletsa kuma-50. Ngingaphindze ngizube ema-20 futsi, lokungiletsa kuma-70.

Yikhombise ngemakhadi nombolo akho.

$= 40 + 10 + 20$

$= 50 + 20$

$= 70$

a. $36 + 41 =$ ☐

Teacher:
Sign:
Date:

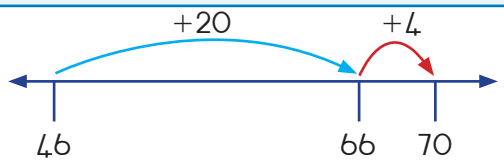
# 20b



Lusuku: _____

b. 57 + 19 = ☐






Kumele ngihlanganise ema-24 kuma-46.



Loku nguloku lengikwentako: Kusuka kuma-46, ngingazuba ema-20. Loku kungiletsa kuma-66. Nyalo kumele ngizube-4 futsi bese sengifika kuma-70.

Singawasebentisa futsi emakhadi nombolo.

= 46 + 20 + 4

= 66 + 4

= 70

a. 63 + 24 = ☐

b. 65 + 29 = ☐







## 4 Mingakhi lemikhama?

Umbhaki uletsa imikhama lengema-54 etinkhwa letinsundvu nalengema-68 yaletimhlophe.

a. Mingakhi imikhama seyiyonkhe?

b. Tfola ithothali kumugcanombolo. Khombisa letinombolo nebukhulu bemagonso.

- Khombisa tinombolo nebudze bekuzuba.

## 5

Hlanganisa lolokulandzelako ngaphandle kwekusebentisa umugca-nombolo. Sebentisa noma nguyiphi indlela loyitsandzako.

38 + 24 =

58 + 17 =

75 + 16 =

83 + 29 =

Teacher:
Sign:
Date:

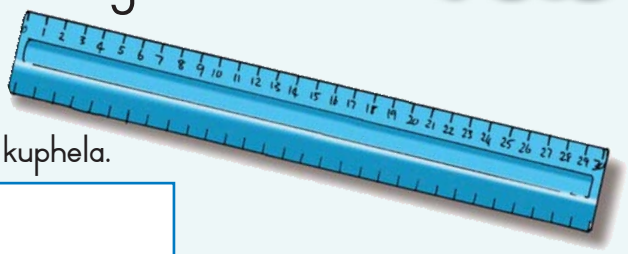


# 21a

Lusuku: _____

## Nciphisa kunombolo layini

### Umfundzi munye! Irula yinye!



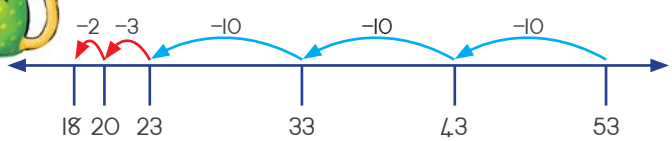
Likilasi lidzinga emarula langema-53. Sinalangema-35 kuphela.

Mangakhi lamanye lesiwadzingako? 53 – 35 = ☐

### Sebenta nemngani

Fundza kutsi labafundzi labatsatfu labafanako bawusebentise njani umugcanombolo lapha. Cedzela letibalo usebentisa lesibonelo.






Kumele ngisuse ema-35 kuma-53. Kususa kusho kukhipha.



Ngako-ke, ngitawucala kuma-53 bese ngiyakhipha. Ngitawukhipha li-10, 10, 10 – loku kungiletsa kuma-23. Nyalo ngitawukhipha sihlanu, kwekucala ngikhipha-3, bese ngifika kuma-20. Bese ngikhipha ku-2 futsi bese ngifika kuli-18. Ngako-ke sidzinga emarula lali-18.

= 53 – 10 – 10 – 10 – 3 – 2

= 43 – 10 – 10 – 3 – 2

= 33 – 10 – 3 – 2

= 23 – 3 – 2

= 20 – 2

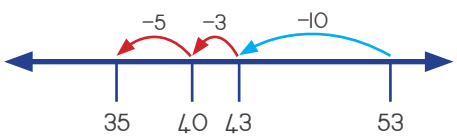
= 18

a. $68 - 24 =$ ☐

b. $74 - 38 =$ ☐

c. $92 - 87 =$ ☐






Kususa kusho kutfola umehluko emkhatsini wema-53 nema-35.



Ngitawucala kuma-53 bese ngibala ngehlela kuma-35 kutfola umehluko. Uma ngibalela emuva ngeli-10, ngitfola ema-43. Ngibale ka-3 futsi kutfola ema-40. Emva kwaloko ngibale ngehle kasi-5 futsi kutfola ema-35. 10 naku-3 nesihlanu kwenta li-18. Ngako-ke sidzinga emarula lali-18 lamanye lali-18.

a. $38 - 14 =$ ☐

Teacher:
Sign:
Date:

# 21b



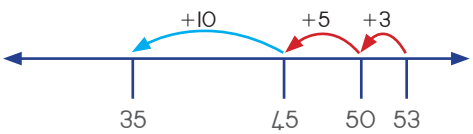
Lusuku: _____

b. 65 – 43 = ☐

c. 72 – 39 = ☐

d. 85 – 48 = ☐






Ngingacala kuma - 35 bese ngibuka kutsi kumele ngizube kangaki kute ngibale ngifike kuma - 53.



Ngingacala kuma-35 bese ngiyabuka kutsi kungazuba kangakhi kufika kuma-53. Lishumi nesihlanu nakutsatfu kwenta li-18. Sidzinga emarula lali-18 lamanye.

a. 84 – 32 = ☐





b. $96 - 53 =$ ☐

c. $78 - 19 =$ ☐

d. $63 - 47 =$ ☐

## Kuhamba ngetekisi



Luhambo ngetekisi kuya edolobheni ngema-65 km.

Kwanyalo letekisi seyihambe ema-38 km.

Kusamele kuhanjwe libanga lelingakanani?

Sebentisa umugcanombolo kucatululula lenkinga. Ungakhipha, ubale uye etulu nobe ubalele phasi. Lebula kuzuba kanye netinombolo kumugcanombolo.

☐ km

Teacher:
Sign:
Date:



Lusuku: _____

# Sikhatsi selidzili



## Luhlelo lwekucala

Busi ucele bonkhe bangani bakhe kutsi bamnikete titfombe tekudla kwelidzili labakutsandzako. Naku lakukolekile. Sita ucatulule.




Bala, futsi ubhale kwekutsi bangakhi bangani labakhetse lolo nalolo hlobo lwekudla.

| |  |  |  |  |
|---|---|---|---|---|
| Shano inombolo | | | | |



1 2 3 4 5 6 7 8 9 10



Cedzela igraf usitf ombe. Sebentisa lithebula lakho kukusita.
Dvweba buso bunye (☺) kumntf wana ngamunye lokhetsa loko kudla noma sinatf o.

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

11 12 13 14 15 16 17 18 19 20

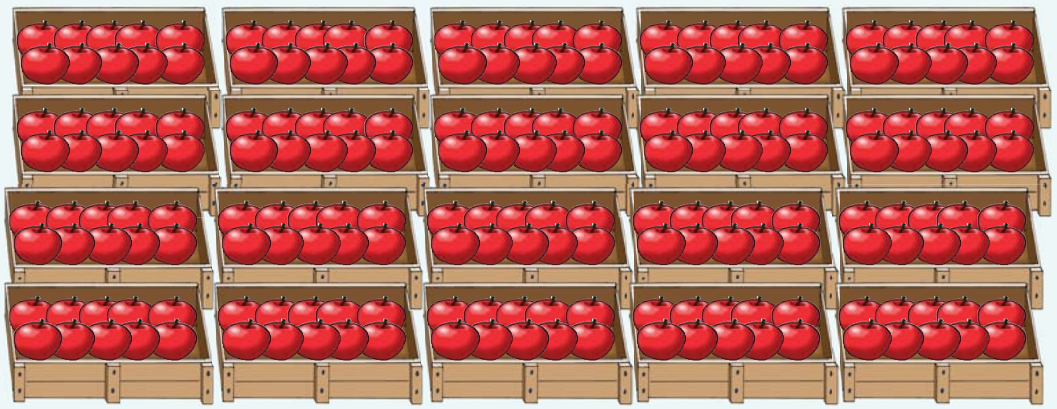


Lusuku: _____

# Kubala ufike ku 200



Ubona mangakhi emahhabhula?



Faka letinombolo

Libhokisi li-1 lina ☐ wemahhabhula

Luhele lu-1 luna ☐ wemabhokisi

Luhele lu-1 luna ☐ wemahhabhula

Emahele lama-4 ana ☐ wemahhabhula



Kunemahhabhula la- 10 ebhokisini ngalinye. Mangakhi ke emahhabhula lesingawafaka kulamabhokisi?

a.  ☐

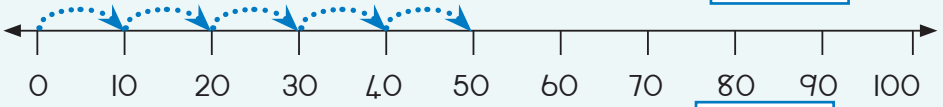
b.  ☐

c.  ☐

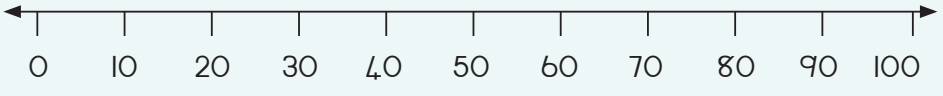


Bala kulomugcanombolo.

a. Ataba mangakhi emahhabhula emabhokisini lasi-5? ☐




b. Ataba mangakhi emahhabhula emabhokisini lasi-7? ☐





Ticheme leti-3 tema-10 takha

3 0 $3 \times 10 =$ 3 0 noma $10 \times 3 =$ 3 0

Ticheme letisi- 5 tema-10 takha

____ × ____ = ____ noma ____ × ____ = ____

Ticheme leti-2 tema-10 takha

____ × ____ = ____ noma ____ × ____ = ____

5 Emapheya etinyawo.
Tingakhi tintwane setitonkhe?



$10 + 10 + 10 + 10 + 10 =$ 5 0 $5 \times 10 =$ ____ noma $10 \times 5 =$ ____

Yenta loku ngendlela lef anako.

4 Emapheya etinyawo. Tingakhi tintwane?

_____ = ____ ____ × ____ = ____ noma ____ × ____ = ____

3 Emapheya etinyawo. Tingakhi tintwane?

_____ = ____ ____ × ____ = ____ noma ____ × ____ = ____

Ase sibale

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

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

Teacher:
Sign:
Date:



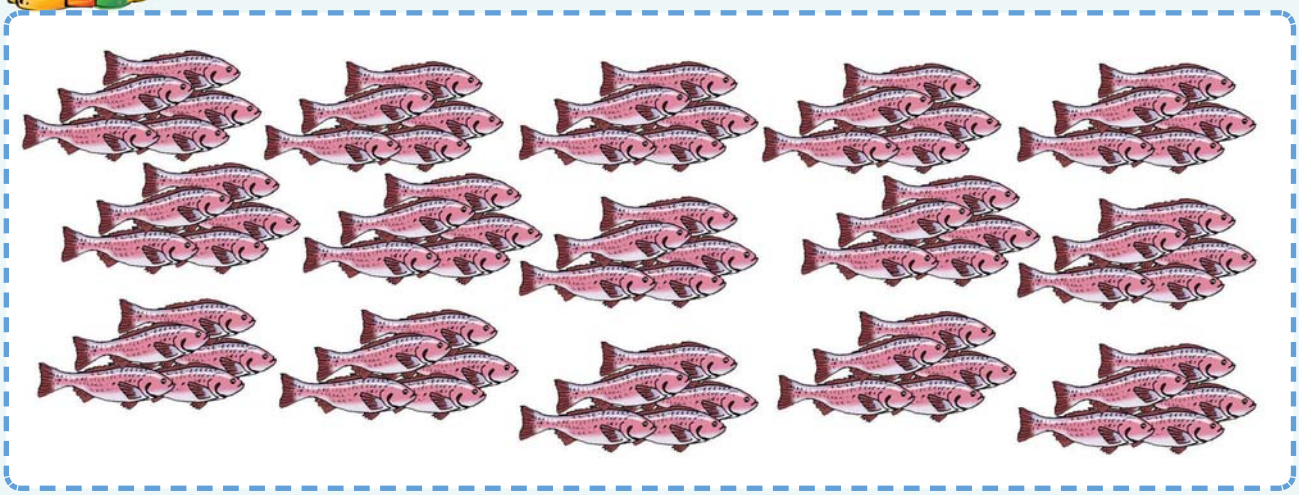
Lusuku: _____



# Kutilolonga ngeti-5



**Tingakhi tinhlanti?** Yenta silinganiso. ☐



Nyalo-ke bala letinhlanti. Tingakhi setitonkhe? ☐



## Bala ngeti -5

Tfola sibalo lesiphelele semacandza etinhlanti. Bhala umushonombolo wa + na ×.
Sikwentele wekucala.

| Inhlanti nemacandza | Mangakhi emacandza sekaphelele? | |
|---|---|---|
| Tinhlanti letisi-5, iyinye italela emacandza la-2 | 2 + 2 + 2 + 2 + 2 = 10 | 5 × 2 = 10 |
| Tinhlanti letisi-5, iyinye italela emacandza la-10 | | |
| Tinhlanti letisi-5, iyinye italela emacandza la-4 | | |
| Tinhlanti letisi-5, iyinye italela emacandza la-3 | | |
| Tinhlanti letisi-5, iyinye italela emacandza la-6 | | |
| Tinhlanti letisi-5, iyinye italela emacandza la-8 | | |
| Tinhlanti letisi-5, iyinye italela emacandza la-5 | | |



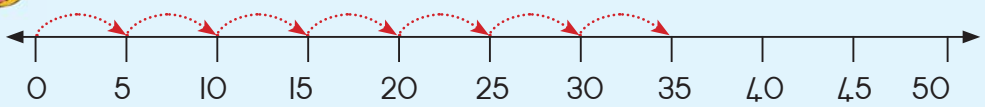


1 2 3 4 5 6 7 8 9 10



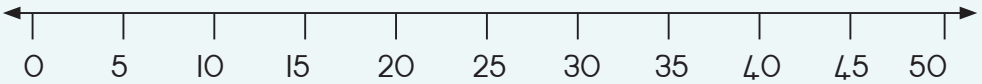


## Cedzela letinombolomisho nemigcanombolo.



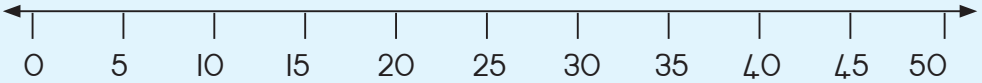

$5 + 5 + 5 + 5 + 5 + 5 + 5 =$ 35 noma 7 × 5 = 35

a.



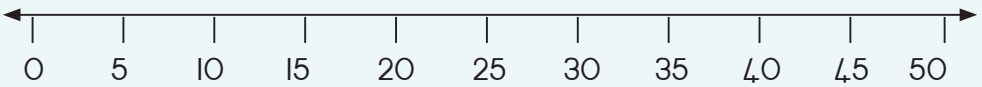

$5 + 5 + 5 + 5 =$ ☐ noma ☐ × ☐ = ☐

b.




$5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 =$ ☐ noma ☐ × ☐ = ☐

c.




___ + ___ = ☐ noma $10 \times 5 = 50$



## Bamba inhlanti

Sipho ubamba emkhatsini wema -40 nema -50 etinhlanti. Utibala ngati-2 kantsi usele nayi-1. Utibala ngeti-5 kantsi usele nati-2. ☐

Ubamba tingakhi tinhlanti Sipho? ☐

Teacher:
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Date:



11 12 13 14 15 16 17 18 19 20



Lusuku: _____



# Bala ngaku-2 (siyachubeka)



## Kwakha emapheya.

Bhala phasi tonkhe letinombolo letenta emapheya lalinganako kusuka ku-0–60.

a. Bhala phansi tinombolo-malinganisa kusuka ku I – 40.

2, 4, 6,

_____

_____

b. Bhala phansi tinombolo-mashiyana kusuka ku I – 40.

3, 5, 7,

_____

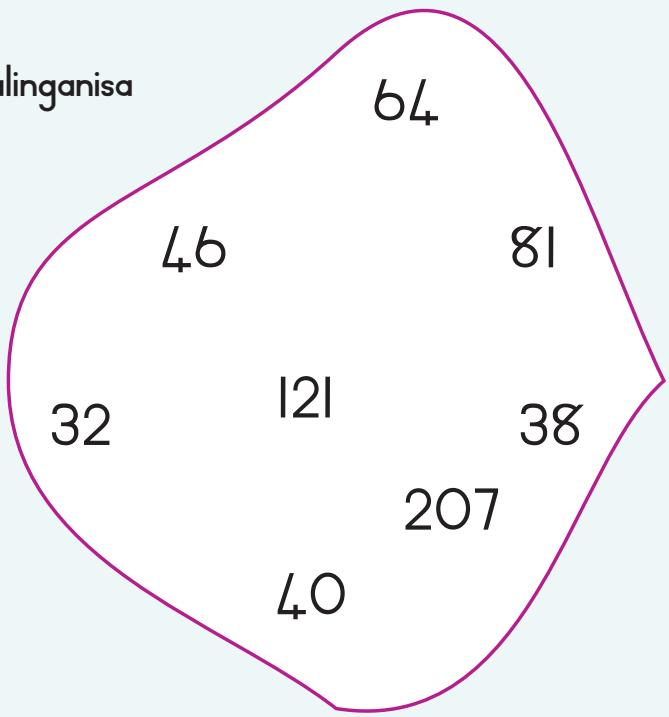
_____



## Bomashiyana nabomalinganisa

Dvweba indilinga ugegelete tinombolo-malinganisa.

Dvweba sikwele ugegelete tinombolo-mashiyana.










## Kusuka emasokisi kuya kumapheya emasokisi

**Sibonelo:**

2 emasokisi = 1 lipheya 

$2 \times 1 = 2$

20 emasokisi = 10 emapheya

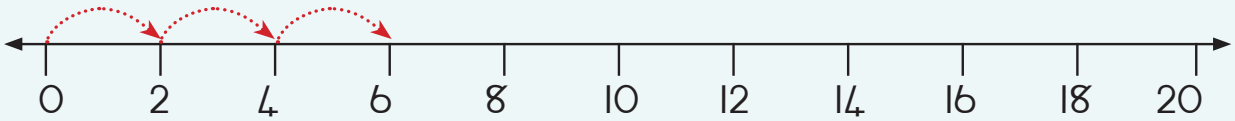
$2 \times 10 = 20$

Bhala kutsi mangakhi emasokisi.

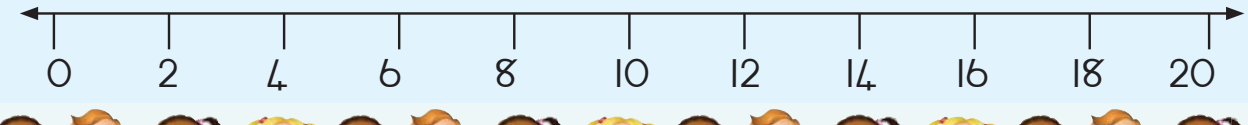
| Cabanga ngaku-2 | Umusho-nombolo |
|---|---|
| 1 lipheya  = 2 emasokisi | 2 × 1 = 2 |
| 2 emapheya  = ____ emasokisi | 2 × 2 = |
| 4 emapheya  = ____ emasokisi | |
| 8 emapheya  = ____ emasokisi | |
| 9 emapheya  = ____ emasokisi | |

Cedzela lemigcanombolo.

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




$2 + 2 + 2 + 2 + 2 + 2 + 2 =$ ☐ noma ☐ × ☐ = ☐




Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



26

Lusuku: _____

# Imali kadzeni nanyalo



## Indzaba yemali yetfu

ENingizimu Afrika sisebentisa emarandi nemasenti njengemali yetfu.
Sicale kusebentisa emarandi nemasenti nga-1961.

Ngaleto tikhatsi indibilishi yelisenti li-1 ngiyo lebeyiyincane kakhulu, kulandzela emasenti lama-2 bese kulandzela emasenti lasi-5.







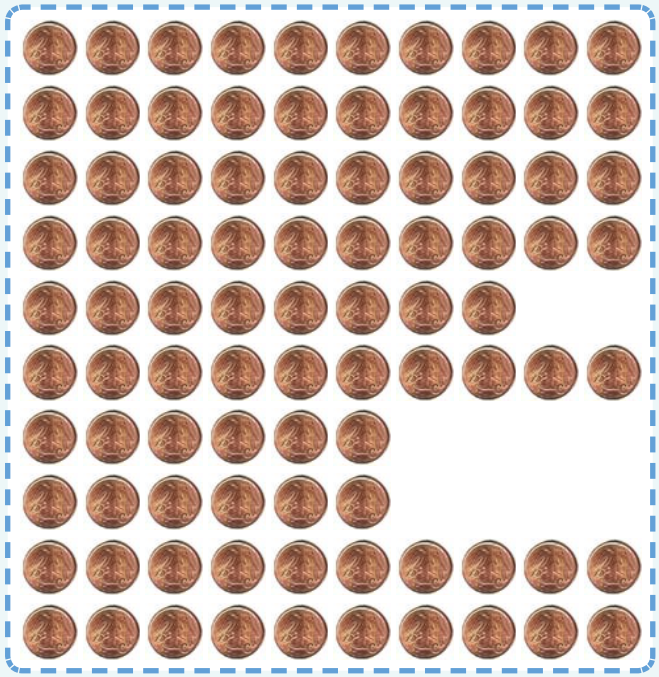

1 2 3 4 5 6 7 8 9 10





## Bala lamasenti

Bala lamasenti.
Unemasenti lamangakhi?



Mangakhi ladzingakalako kwenta R1,00?

Wadvwebe lapha kulebhuloki.



## Mangakhi emasenti?

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



## Sibita malini sitselo?

2  babita R4,00.

2  abita R2,00.

Bangakhi bobhanana ku-R20,00?

Mangakhi emahhabhula e-R9,00?

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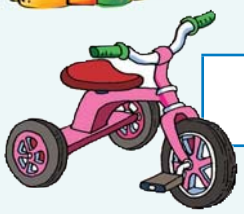


Lusuku: _____

# Bala ngaku-3



## Tincola ngaku-3



Libhayisikili lelingusondvontsatfu li-1 linemasondvo lama _____.

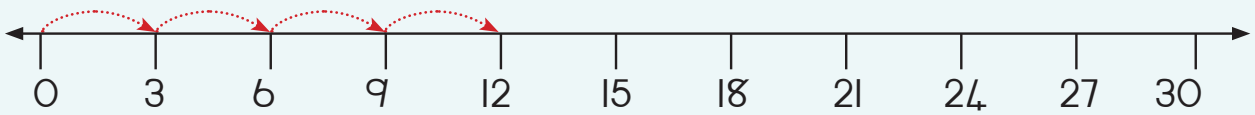


| | |
|---|---|
| 5 sabosondvontsatfu banemasondvo la_____ | 3 + 3 + 3 + 3 + 3 = 5 × 3 = _____ |
| 2 bosondvontsatfu banemasondvo la_____ | 3 + 3 = 2 × 3 = _____ |
| 4 bosondvontsatfu banemasondvo la_____ | |
| 6 sabosondvontsatfu banemasondvo la_____ | |
| 9 yabosondvontsatfu banemasondvo la_____ | |
| 8 sabosondvontsatfu banemasondvo la_____ | |



## Tinombolo layini

Landzela sibonelo.



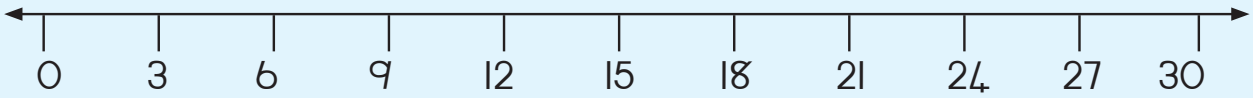

a. 3 + 3 + 3 + 3 = ☐ = 4 × 3 = ☐





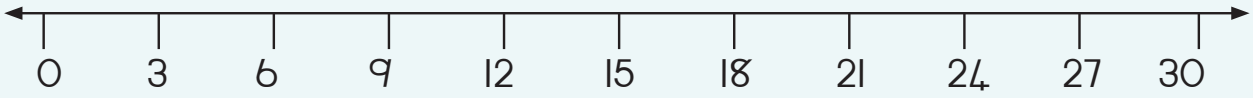


b.



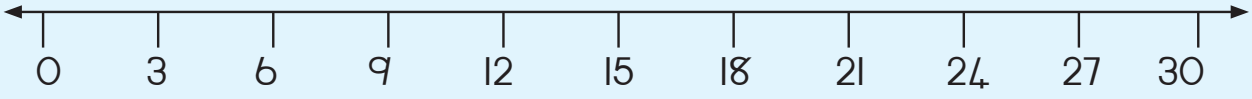

$3 + 3 + 3 + 3 + 3 = \square = \square \times \square = \square$

c.




$_____ = \square = 6 \times 3 = \square$

d.




$_____ = \square = 10 \times 3 = \square$



## Emabhayisikili asondvombili nemabhayisikili abosondvontsatfu





Esitolo semabhayisikili Busi ubala emasondvo emabhayisikili abosondvombili newabosondvo ntsatfu.

Kunemasondvo lali-14 sekaphelele.

| |
|---|
| Mangakhi emabhayisikili abosondvombili lalapho? _____ |
| Mangakhi emabhayisikili abosondvontsatfu lalapho? ____ |

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



Lusuku: _____

# Yini leta nga ku-4?



## Tinyawo letine

Emaphuzu etinombolo leti 4 ...
4 + 4 = 8; 2 × 4 = 8



Tinyawo tenkhomo tita nga-4.

Yini lenye lena kune? _____



## Bala letinyawo

Yabelanani ngetimphendvulo.
Chaza kutsi yini loyentile.

Sebentisa emaphuzu lowatiko ngakune.

| | |
|---|---|
| Inkhomo yi-1  4 tinyawo | Tinkhomo leti-2  8 tinyawo |
| Tinkhomo leti-3  ☐ tinyawo | Tinkhomo leti-4  ☐ tinyawo |
| Tinkhomo leti-5  ☐ tinyawo | Tinkhomo leti-6  ☐ tinyawo |
| Tinkhomo leti-7  ☐ tinyawo | Tinkhomo leti-8  ☐ tinyawo |
| Tinkhomo leti-9  ☐ tinyawo | Tinkhomo leti-10  ☐ tinyawo |











Cedzela lelithebula. Sebentisa lesibonelo kukusita.

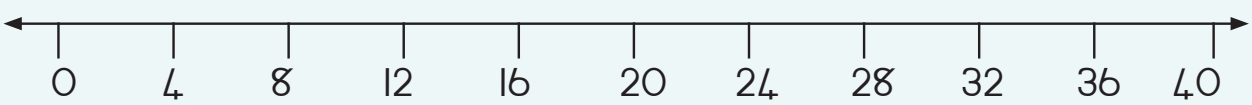
| | |
|---|---|
| Tinkhomo leti-3_____tinyawo | 4 + 4 + 4 = 4 × 3 = __12__ |
| Tinkhomo leti-5_____tinyawo | |
| Tinkhomo leti-4_____tinyawo | |
| Tinkhomo leti-7_____tinyawo | |
| Tinkhomo leti-8_____tinyawo | |



## Imigcanombolo

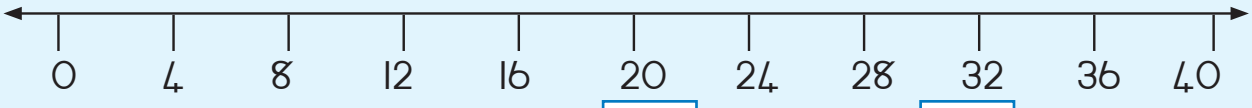
Cedzela lolokulandzelako bese ukukhombisa kumugcanombolo.

a.




_____ = ☐ = 5 × 4 = ☐

b.




_____ = ☐ = 9 × 4 = ☐








Lusuku: _____



# Emaphethini ngetinombolo



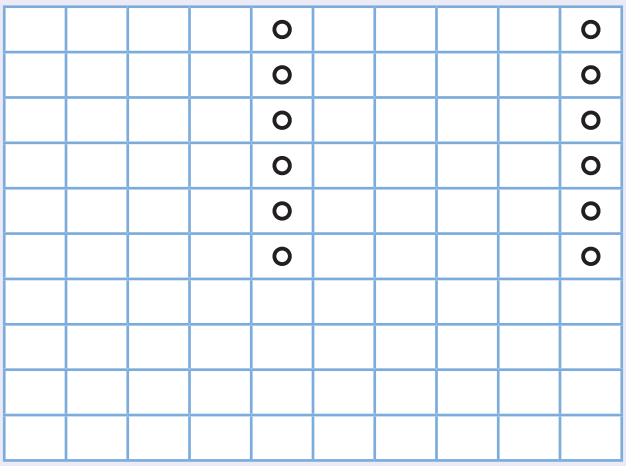
## Emaphethini egridi

Nguyiphi inombolo yemaphethini lekhonjiswa tindilinga kugridi yeli-100?

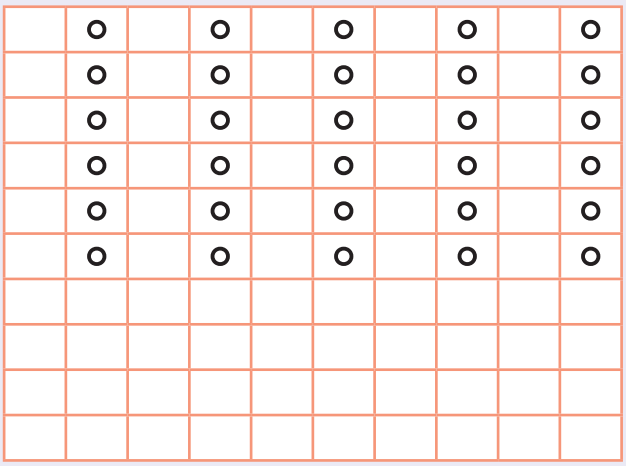
Dvweba tindilinga letinye kucedzela iphethini ngayinye.

Bhala ligama lephethini ngayinye.

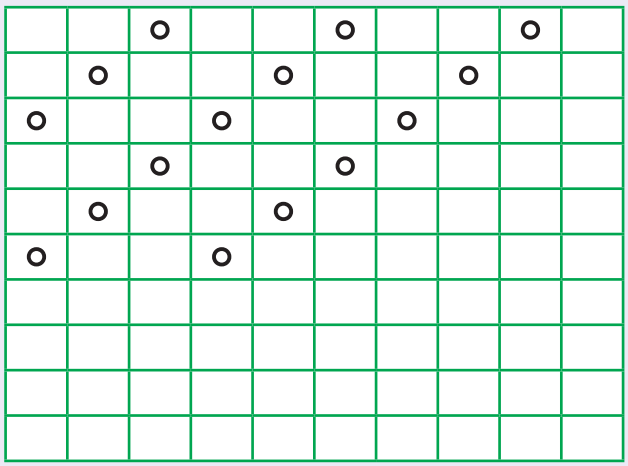
a. Iphethini: _____



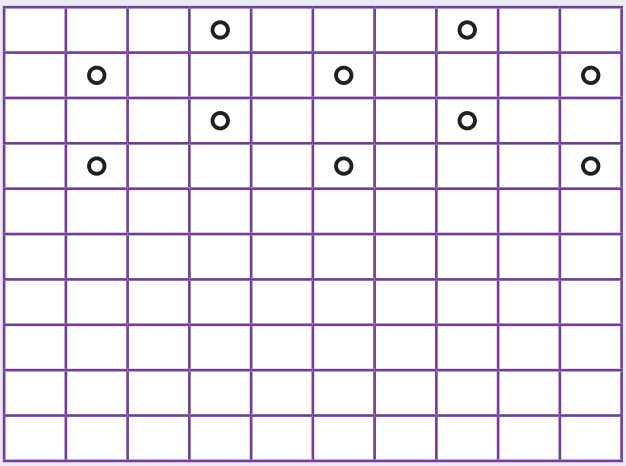
b. Iphethini: _____



c. Iphethini: _____



d. Iphethini: _____



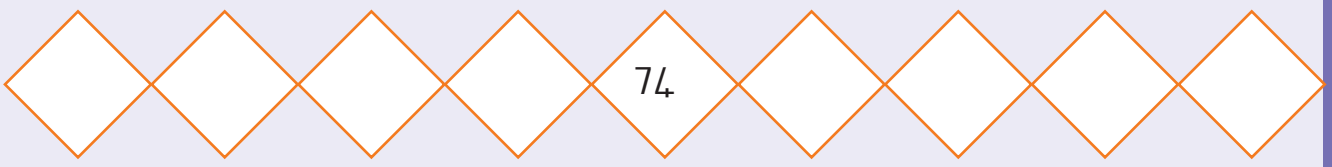




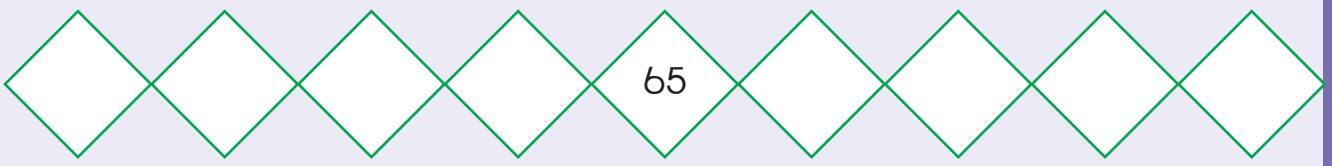


## Yenta emaphethini akho

a. Kulephethini yetinombolo tonkhe letinombolo ticondzile. Kungaba ngutiphi leti letinye tinombolo? Tibhale.




b. Kulephethini yetinombolo tonkhe letinombolo tilugweje. Kungaba ngutiphi leti letinye tinombolo? Tibhale.




## Tiwela kuphi?



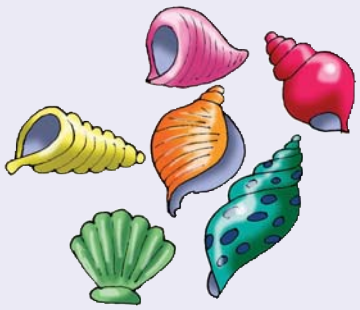

| Emaphethini aku-3 naku-4 | Emaphethini aku-3 nesi-5 | Emaphethini aku-4 nesi-5 |
|---|---|---|
| sib. 48 | | |

## Elwandle

Thembi ugcogca emagobongo aselwandle langema-60 nema-70. Uwabala ngaku-3, usala nali-1. Uwabala ngeti-5, usala nama-4. Thembi unamangakhi emagobongo?

_____

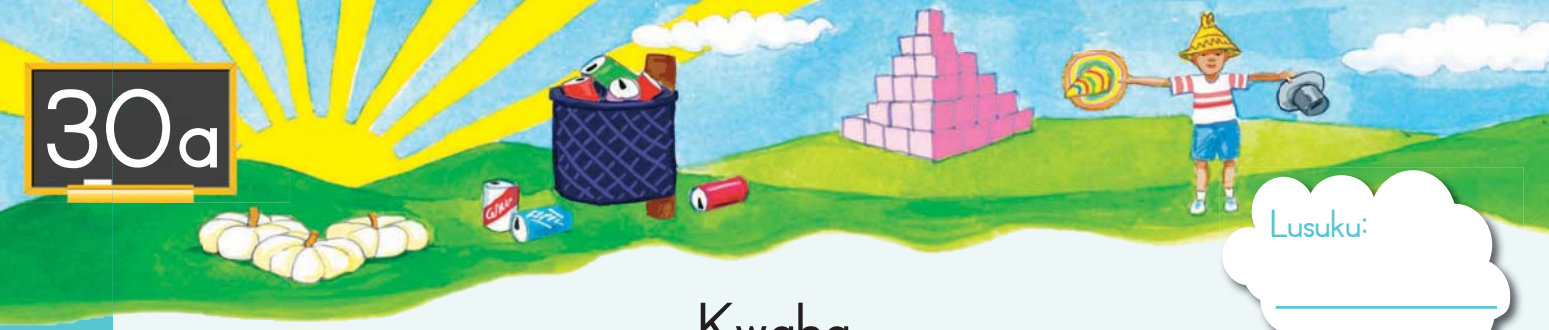
_____



Teacher:
Sign:
Date:

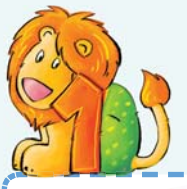


# 30a

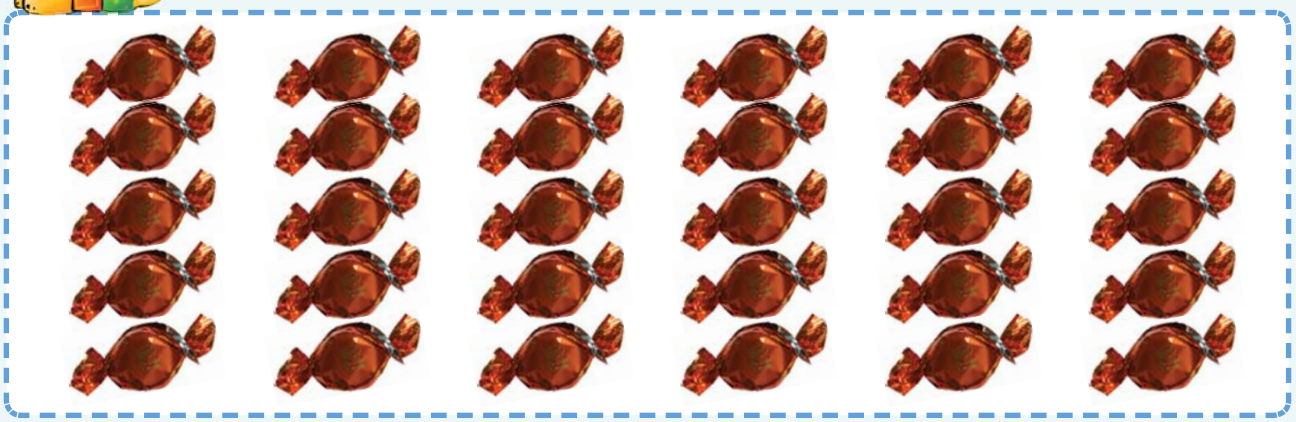


Lusuku: _____

## Kwaba



Yaba lamaswidi:



a. Yaba 30 wemaswidi emkhatsini wa 2 webantfwana.



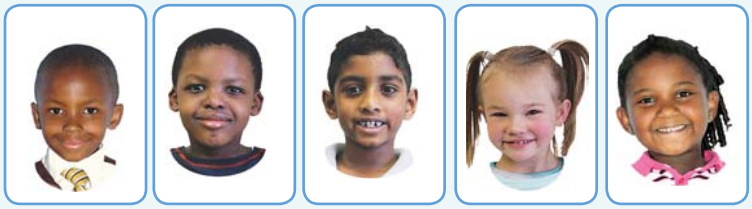
Loku singakubhala kanje | 30 ÷ 2 = 15

b. Yaba lamaswidi emkhatsini wa 3 webantfwana.



| | ÷ | = | |
|---|---|---|---|

c. Yehlukanisa emaswidi emkhatsini wa 5 webantfwana.



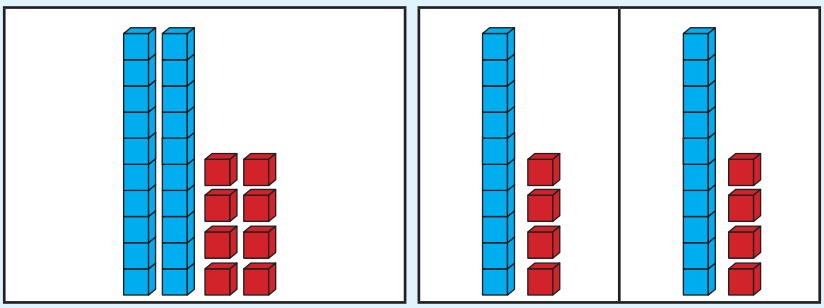
| | ÷ | = | |
|---|---|---|---|



1 2 3 4 5 6 7 8 9 10



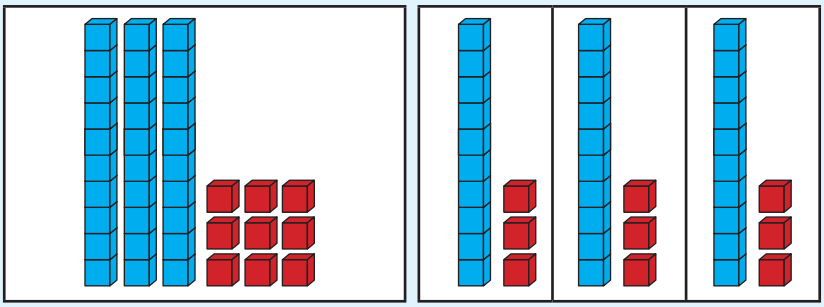
Singasebentisa emabhuloki etinombolo kwenta sibalo sekwehlukanisa.



28 ÷ 2 = 14

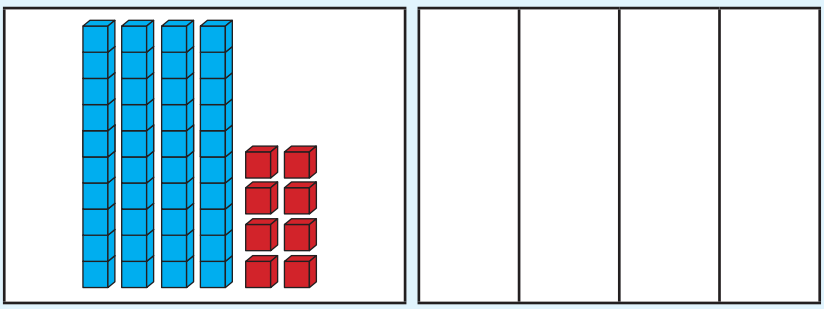
Nyalo yenta loku.

a.



□□ ÷ 3 = □□

b.



□□ ÷ 4 = □□

Teacher:
Sign:
Date:

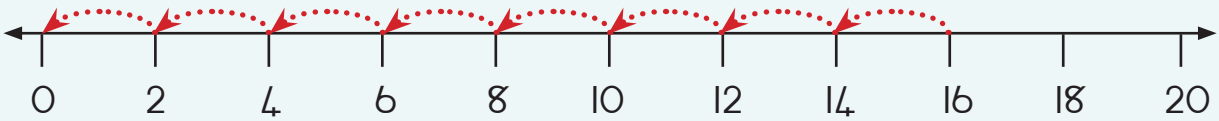
# 30b



Lusuku: _____



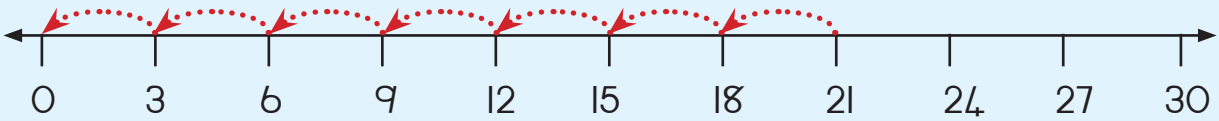
Sebentisa imigcanombolo kubhala umusho-nombolo wekususa nekuhlukanisa.




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

16 ÷ 2 = 8

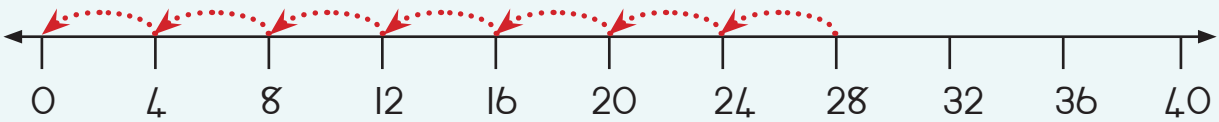
a.




21 – _____

☐ ÷ ☐ =

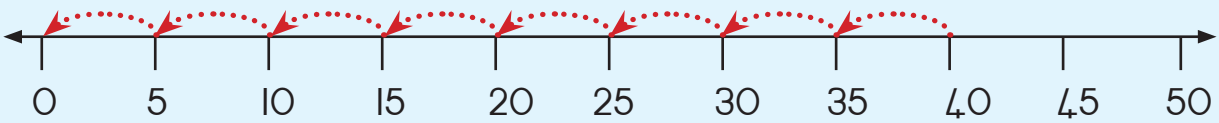
b.




28 – _____

☐ ÷ ☐ =

c.




___ – _____

☐ ÷ ☐ =







Dvweba umgcanombolo bese uyawusombulula.

a. 30 ÷ 5 =

b. 22 ÷ 2 =

c. 27 ÷ 3 =

d. 32 ÷ 4 =

e. 25 ÷ 5 =

## Insayeya

Khombisa tonkhe tindlela longahlukanisa ngato 24 wemaswidi ngekulingana emkhatsini wemacembu lehlukene ebantfwana. Bhala umusho-nombolo kukhombisa imphendvulo yakho.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

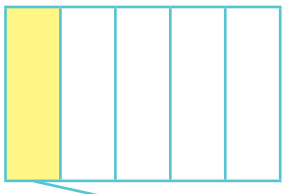


Lusuku: _____

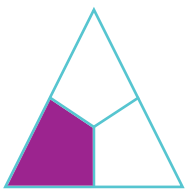
# Emafrakishini



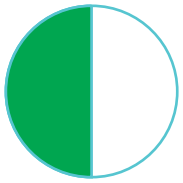
Dvweba imigca kucondzanisa bunjwa nefrakhishini.



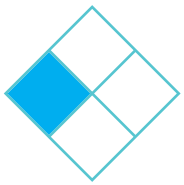
$\frac{1}{3}$ Incenye-ntsatfu yinye



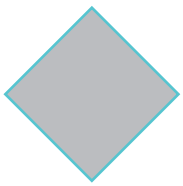
$\frac{1}{5}$ Incenye-sihlanu yinye



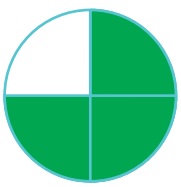
$\frac{1}{4}$ Ikota yinye



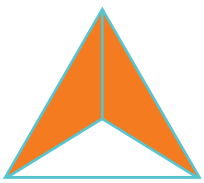
$\frac{1}{2}$ Ihhafu yinye



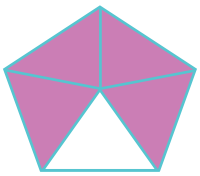
$\frac{3}{4}$ Emakota lamatsatfu



$\frac{4}{5}$ Incenye-kune kusihlanu

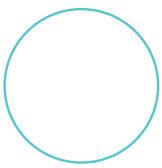


1 Kunye lokugcwele

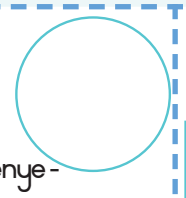


$\frac{2}{3}$ Incenye-mbili kukutsatfu

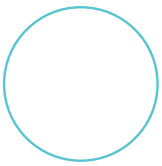
Hlukanisa bese ufaka umbala.



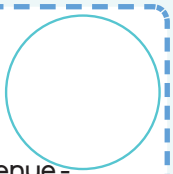
$\frac{1}{2}$ Ihhafu yinye



$\frac{1}{3}$ Incenye-ntsatfu yinye



$\frac{1}{4}$ Ikota yinye



$\frac{1}{5}$ Incenye-sihlanu yinye

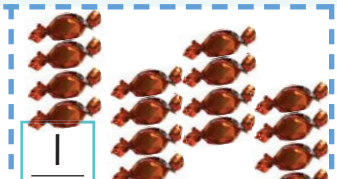
Khombisa lefrakshini ngekudvweba umugca ugegelete inombolo lengiyo yemaswidi.



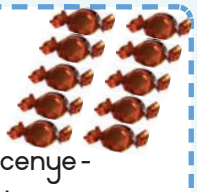
$\frac{1}{2}$ Ihhafu yinye



$\frac{1}{3}$ Incenye-ntsatfu yinye



$\frac{1}{4}$ Ikota yinye

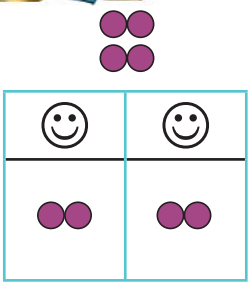
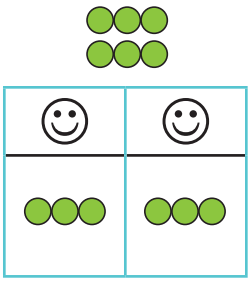
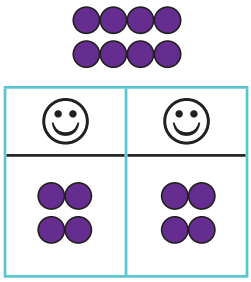
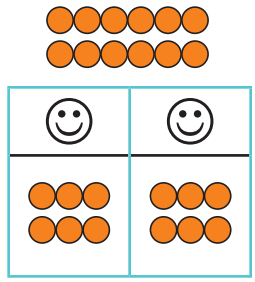


$\frac{1}{5}$ Incenye-sihlanu yinye



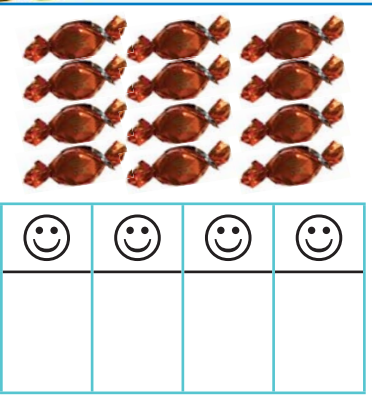
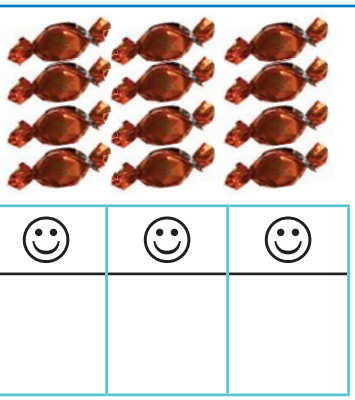
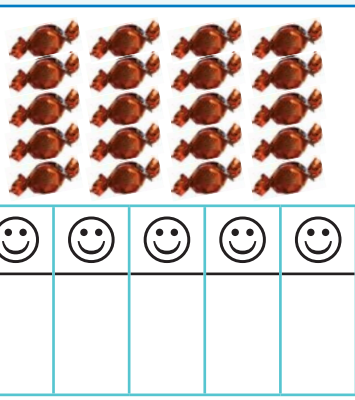


Yabela bantfwana labababili tinsita kubala.

| | | | |
|---|---|---|---|
|  |  |  |  |
| • Amunye wetfu utfole tinsita kubala letimbili.<br>• $\frac{1}{2}$ wa 4 ngu 2. | • Amunye wetfu utfole tinsita kubala_____.<br>• __ wa __ ngu __. | • Amunye wetfu utfole tinsita kubala _____.<br>• __ wa __ ngu __. | • Amunye wetfu utfole tinsita kubala_____.<br>• __ wa __ ngu __. |
| 4 ÷ 2 = 2 | ___ ÷ ___ = ___ | ___ ÷ ___ = ___ | ___ ÷ ___ = ___ |



Yaba lamaswidi emkhatsini webantfwana.

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



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



Lusuku: _____

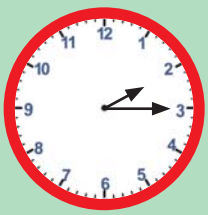
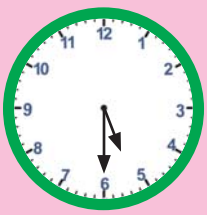


# Sesikhatsi

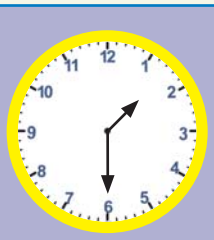
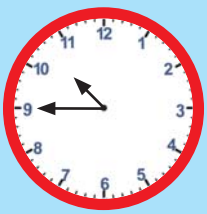
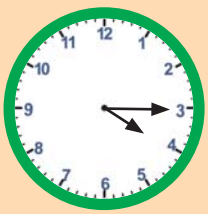


## Kwati sikhatsi

Singabhala sikhatsi lesifanako ngetindlela letehlukene.

| | | |
|---|---|---|
|  |  |  |
| 2:15 | 5:30 | 9:45 |
| yikota kwendlule insimbi yesibili | yihhafu kushaye insimbi yesihlanu | yikota kuya kunsimbi yelishumi |

Bhala loku ngetindlela letahlukene.

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



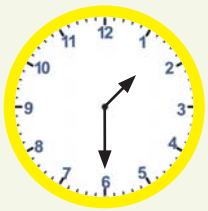




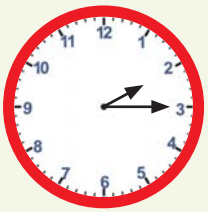
## Kuya ekhaya

Ngabe Ben utsatsa sikhatsi lesingakanani kufika ekhaya?

| | |
|---|---|
| | imizuzu |
| | ema-awa |



Ben usuka esikolweni.



Ben ufika ekhaya.

## Sikhatsi siyabaleka

Sikhatsi ngakubili 2 ...



Mingakhi ...

imizuzu kuma-awa lama-2? _____

ema-awa emalangeni lama-2? _____

emalanga emavikini lama-2? _____

tinyanga eminyakeni lemi-2? _____

## Mangakhi emalanga?

Mabasa

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

Inkhwekhweti

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

Inhlaba

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

Mabasa 27 Lilanga Lenkhululeko.

Inhlaba 16 Lilanga Lelusha.

a. Kusuka kuLilanga Lenkhululeko kuya kuLilanga Lelusha kunetinyanga letiphelele leti _____, emaviki laphelele la_____ kanye nemalanga laphelele la _____.

b. Mangakhi emaviki laphelele sekahlangene? _____

Mangakhi emalanga lasele? _____. Mangakhi emalanga sekaphelele? _____.

c. Lusuku lwekutalwa lwaLebo lungaphambi kwelilanga leNkhululeko ngemalanga lasi-7.
Lusuku lwekutalwa lwaMusa lungemalanga lamabili ngemuva kweLilanga Lelusha.

Buka. Catsanisa. Lungisa

Teacher:
Sign:
Date:

Ngubani lomdzala? _____ Ngemalanga lamangakhi? ____

11 12 13 14 15 16 17 18 19 20

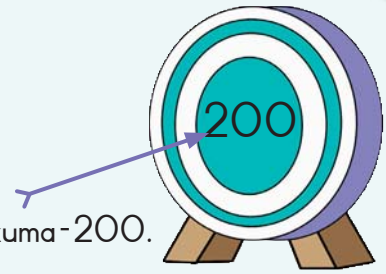


Lusuku: _____

# Hlosa kufika kuma-200



## Bala letinombolo




Bala uphindze usho tonkhe letinombolo kusuka ku-101 uye kuma-200.
Khomba njengobe uhamba.



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



## Bhala letinombolo

a. Bhala inombolo lengekho kusikwele lesilingangane ngasinye.

b. Bhala tonkhe letinombolo letisele.

c. Bhala tinombolo letili-10 ngemuva kwema-200.

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



1 2 3 4 5 6 7 8 9 10



## Bhala tinombolo letisele

a.

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

b.

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

## Cedzela

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

Bhala tinombolo ngekulandzelana kusukela kulencane kakhulu kuye kulenkhulu kakhulu.

_____

_____

_____

_____

_____

## Bala uchubeke kusuka kuli-100

Bala loko lodzinga kukwenta kute utfole inombolo lelandzelako.

Kucala

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

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | ↓ |

Kuphela

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

Teacher:
Sign:
Date:



Lusuku: _____



# Kusebenta ngemacembu etinombolo



## Kupakisha emakhandlela

Make Nkhosi usebenta enkapanini yemakhandlela.
Uma emakhandlela sekalungile, uwapakisha ngalendlela kumathireyi lasebhasikidini.

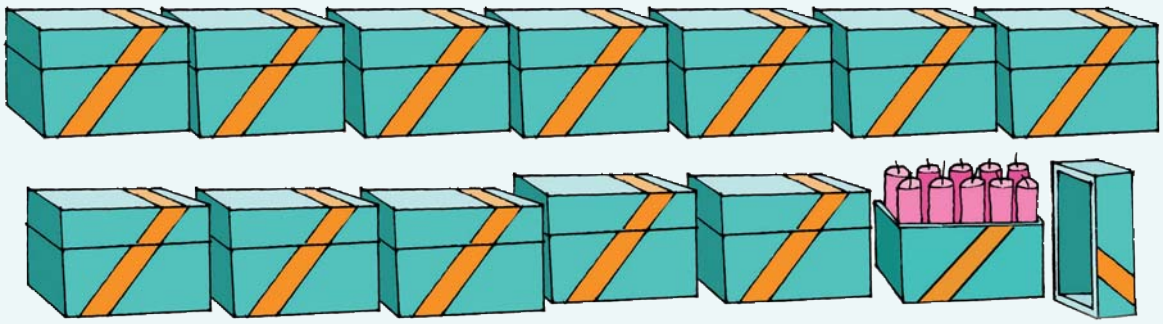


| |
|---|
| Mangakhi emakhandlela ebhokisini ngalinye? _____ |
| Mangakhi emabhokisi eshelufini ngalinye? _____ |
| Mangakhi emakhandlela eshelufini ngalinye? _____ |



## Emabhokisi emakhandlela

Make Nkhosi uvala emabhokisi.



a. Bala onkhe emabhokisi.

| |
|---|
| Mangakhi? _____ |
| Mangakhi emakhandlela sekawonkhe? _____ |
| Mangakhi lamanye emabhokisi ladzingakalako kwenta emakhandlela langema-200? |

b. Mangakhi emakhandlela ku:

| | |
|---|---|
| 2 emabhokisi? _____ | 4 emabhokisi? _____ |
| 5 emabhokisi? _____ | 3 emabhokisi? _____ |
| 6 emabhokisi? _____ | 7 emabhokisi? _____ |

c. Mangakhi emabhokisi lawadzingela loku:

| | |
|---|---|
| 40 _____ emabhokisi | 70 _____ emabhokisi |
| 50 _____ emabhokisi | 30 _____ emabhokisi |

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20

# 35a

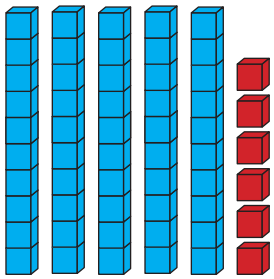
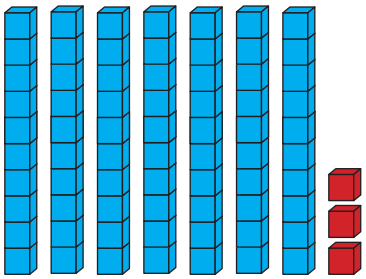


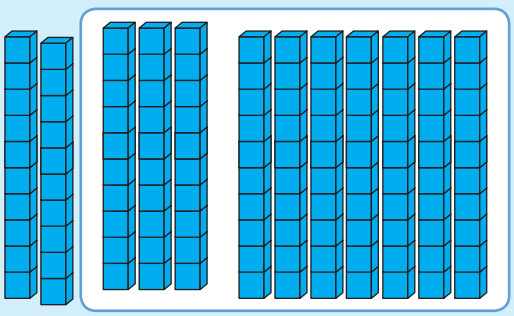
Lusuku: _____

# Kubeka emashumi ndzawonye siphindze siwehlukanise



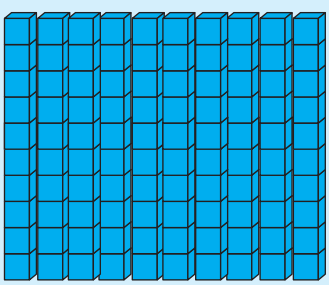
**Kubeka emashumi ndzawonye uma sihlanganisa sifike kuma-999**

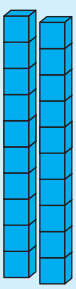
| Asihlanganiseni<br>56 + 73 = |  | + |  |
|---|---|---|---|
| | Emashumi lasi-5 nemayunithi lasi-6 | | Emashumi lasi-7 nemayunithi lama-3 |

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

Sikanye sinemashumi lali-12.

Singabeka emashumi lali-10 ndzawonye kwenta likhulu li-1.

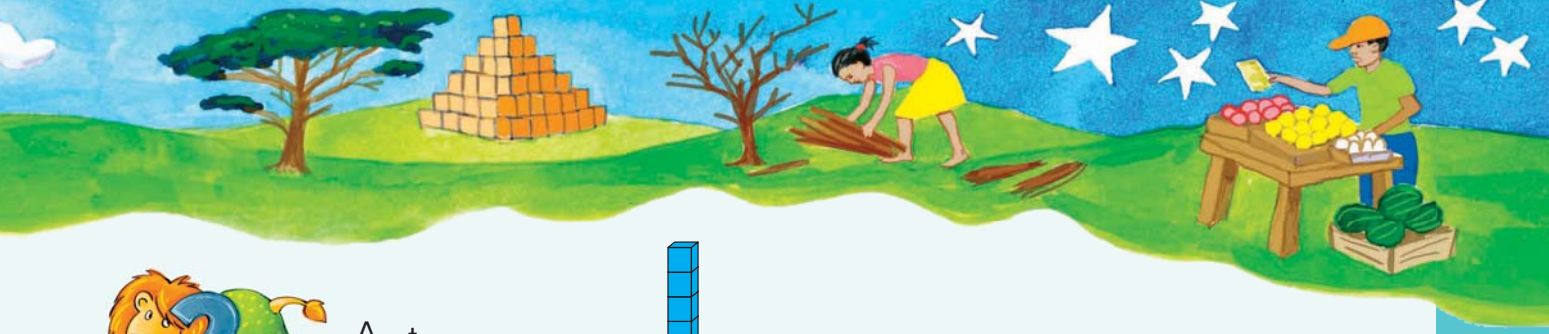






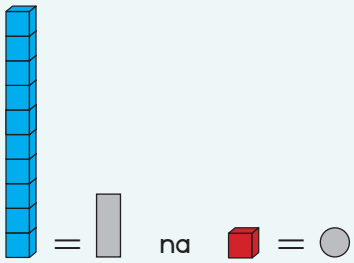


1 2 3 4 5 6 7 8 9 10

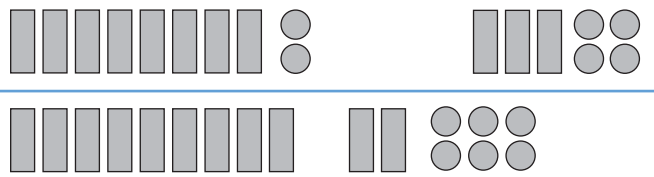




Asetame.



Isibonelo: 82 + 34



100 + 20 + 6 = 126

a. 65 + 52

b. 76 + 63

c. 86 + 65

Teacher:

Sign:

Date:



# 35b



Lusuku: _____



## Beka emacembu ndzawonye

Sebentisa emabhuloki endzawo yenombolo akho.

| Sebentisa emabhuloki endzawo yenombolo kwenta letinombolo letimbili. | Sekukonkhe mangakhi emashumi? Mangakhi emayunithi? | Ngabe ubeke ndzawonye emashumi nobe emayunithi? Buka bungako bendzawo lapho uphindze wabeka ndzawonye khona. | Bhala lenombolo. |
|---|---|---|---|
| 23 + 99 = | _____ emashumi<br>_____ emayunithi | 11 emashumi + 12 emayunithi<br>= 110 + 12 | 122 |
| 38 + 25 = | _____ emashumi<br>_____ emayunithi | | |
| 77 + 31 = | _____ emashumi<br>_____ emayunithi | | |
| 68 + 45 = | _____ emashumi<br>_____ emayunithi | | |
| 83 + 47 = | _____ emashumi<br>_____ emayunithi | | |

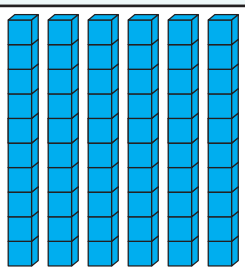
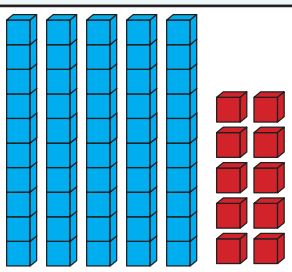
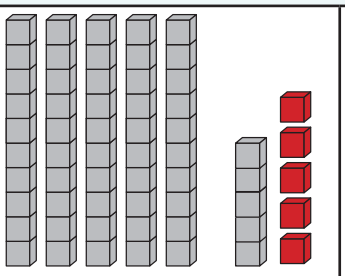
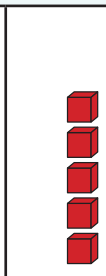


## Kwehlukanisa emashumi uma sisusa

Uma sisusa, ngaletinye tikhatsi sidzinga kukhombisa lishumi linye njengemayunithi lalishumi, likhulu linye njengemashumi lali-10.

Asinciphise: 60 – 55 =

Sicala ngeticheme letisitfupha temashumi. Sifuna kunciphisa ticheme letisihlanu temashumi naletisihlanu temayunithi. (Leto lesititsetse sitibeke umbala lomphunga)

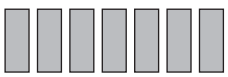
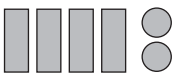
| | | | |
|---|---|---|---|
|  |  |  |  |
| Singakhombisa ticheme letisitfupha temashumi kanje. | Noma sihlanu semashumi nelishumi lemayunithi. | Susa ticheme letisihlanu temashumi nesihlanu semayunithi. Kusele emayunithi lasihlanu. | |
| | | 60 – 55 = 5 | |





Asetame.

a. 70 – 28

| | | | |
|---|---|---|---|
|  |  |  |  |
| 7 emashumi | 6 emashumi na – 10 emayunithi | 70 – 28 = | 42 |

b. 90 – 46

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

c. 80 – 53

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



## Kutfola lipheya lenombolo

a.

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

b.

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

c.

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

d.

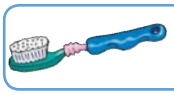
| 200 | |
|---|---|
| 85 | |

Teacher:
Sign:
Date:





Dvweba igrafusitfombe lekhomba kutsi bantfwana bacubha kangakhi ngelilanga.

 = sikhatsi si-1



Yenta luhlwayo ekilasini lakho. Buta 15-20 webafundzi.

a. Bawacubha kangakhi ematinyo abo ngelilanga?_____

b. Dvweba igrafusitfombe lenjengalena lengetulu kukhombisa imiphumela yeluhlwayo lwakho.

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20

# 37b



Lusuku: _____

Nyalo-ke ase sisuse.

a. 87 – 53



**Indlela ya Busi**

80 – 50 + 7 – 3

= 30 + 4

= 34



**Indlela ya-Dumi**

80 + 7 – 50 + 3

= 30 + 4

= 34

b. 95 – 73

c. 86 – 62

d. 85 – 69



1 2 3 4 5 6 7 8 9 10



## Sombulula!

Tinengi tindlela tekuhlanganisa emayunithi neticheme talokulishumi. Khetsa loyatiko naloyitsandza kakhulu kusombulula letibalo.

a. Peter ucala ngekukha emampentjisi langema-34 bese ukha langema-67.
Mangakhi emampentjisi asawonkhe?



b. Bantfwana bakaMalusi bonga R47 kanyekanye.
Make wabo ubangetela R58. Sebanamalini manje?



c. Ibhasi yesikolo ihamba 88 km ekuseni na 73 km entsambama.
Mangakhi emakhilomitha asawonkhe?



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20

Lusuku: _____

# Catulula!



## Tivalo temabhodlela

Sebentisa nobe nguyiphi indlela loyitsandzako.
Khombisa umsebenti wakho.



Sipho





Andile

Sipho ubala tivalo temabhodlela letima-87. Andile ubala letima-94.
Ubala mangakhi ngetulu emabhodlela Sipho?



## Ikhonsathi yasesikolweni



Musa



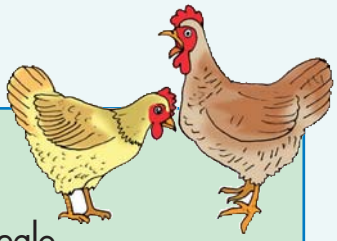
Musa utsengisa emathikithi. Bekanemathikithi langema-92 ekucala ngawo.
Usele nalangema-67. Mangakhi emathikithi lase awatsengisile?





## Sichubeka nekuticecesha.





Kunemantjwele langema-69 ehhokweni linye bese kuba nema-95 kulelinye. Tingakhi tinkhukhu letilapho setitonkhe? Fundza kutsi Jabu naThembi basisombulule njani lesibalo.

Indlela yaJabu

$60 + 90 + 9 + 5$

$= 100 + 50 + 14$

$= 150 + 10 + 4$

$= 164$

Indlela ya Aakar

$69 + 95$

$= 70 + 95 - 1$

$= 70 + 90 + 5 - 1$

$= 160 + 4$

$= 164$




a. Bafana batfola R96 yeluhambo lwelikilasi. Emantfombatana atfola R79. Ngumalini labayitfolako seyiyonkhe?

| Sebentisa indlela yaJabu | Sebentisa indlela yaAakar |
|---|---|
| | |

b. Sikolo sinye sikoleka tikotela letinge-76 kg. Lesinye sikolo sikoleka tikotela letinge-68 kg. Mangakhi ema-kg etikotela lakolekwe nguletikolo letimbili setitonkhe?

| Sebentisa indlela yaJabu | Sebentisa indlela yaAakar |
|---|---|
| | |

Teacher:
Sign:
Date:





Lusuku: _____

# Bala uphindze ucatululele



## Tfola incenye

Bhala tinombolo letingekho.

a.

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

b.

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

c.

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

d.

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

e.

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

f.

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

g.

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

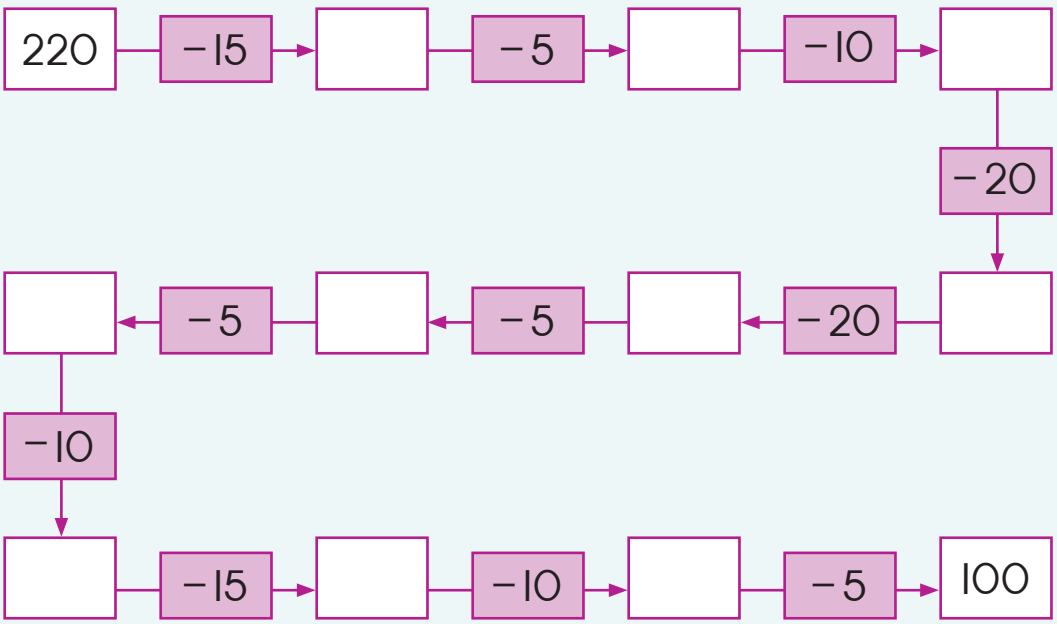
h.

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



## Bala ubuyele emuva kusuka kuma-220 kuye kuli-100

Susa letinombolo emabhokisini labovana sikhatsi ngesikhatsi.
Sesikwentele yekucala.




Nayi indlela yekuhlola timphendvulo takho. Cala ku-100. Sebenta ubuyele emuva kuma-220. Kodvwa nyalo, yengeta letinombolo.





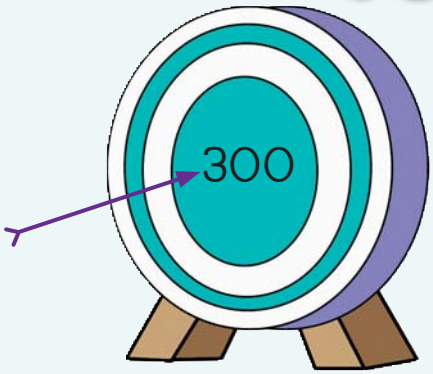
# 41

Lusuku: _____

## Hlongota - 300



**Bala futsi ubhale ema - 200**




Bala kusuka kuma - 201 kuye kuma - 300.

Khomba njengobe uhamba.

Emva kwaloko gcwalisa tinombolo letiluhlata sasibhakabhaka kucala. Sale ubhala tonkhe letinye tinombolo.



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

Bhala letinombolo letili - 10 letilandzelako emva kwema - 300.

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



1 2 3 4 5 6 7 8 9 10



## Yini luzubo?

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

## Kukhombisa nekucatsanisa.

a. Bhala letinombolo letingena ekhadini ngalinye.

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

200

90

8

b. Bhala tinombolo ngeluhla kusukela kulencane kuya kulenkhulu kakhulu..

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

## Yini ingucuko? Bhala letinombolo letishiyekile.

Kucala: 200 → +25 → 225 → ____ → 237 → ____ → 249 → ____ → 261

Kuphela: 300 ← ____ ← 286 ← ____ ← 278 ← ____ ← 261

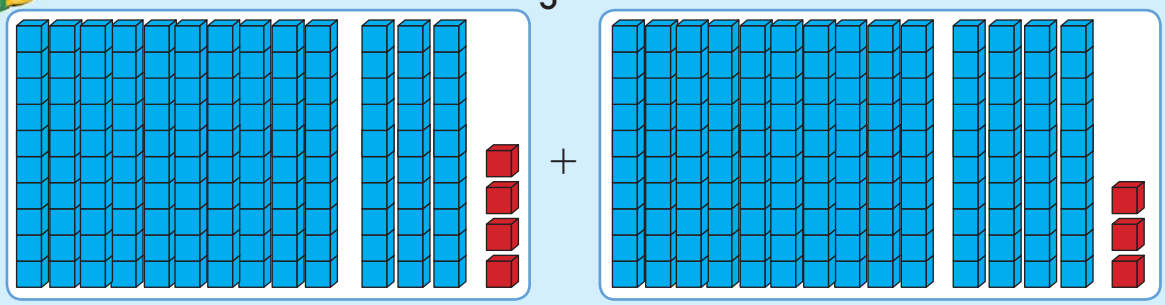
Teacher:
Sign:
Date:

# 42

Lusuku: _____

## Kuhlanganisa nekususa ngabo100

### Kusebentisa emabhuloki kuhlanganisa



100 30 4 + 100 40 3

= 200 70 7

= 277

Buka indlela yekusebenta bese uyengeta

a. 132 + 123



**Indlela ya-Busi**

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

= 200 + 50 + 5

= 255



**Indlela ya-Dumi**

132 + 123

= 200 + 50 + 5

= 255

b. 114 + 162



c. 276 + 148

Buka inchubo yekwenta bese uyanciphisa





a. 158 – 146

Indlela ya-Busi

= 100 – 100 + 50 – 40 + 8 – 6

= 0 + 10 + 2

= 12



Indlela ya-Dumi

158 – 146

= 0 + 10 + 2

= 12

b. 194 – 122

c. 288 – 199

Teacher:

Sign:

Date:

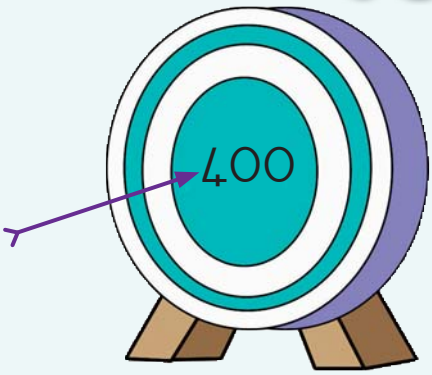


Lusuku: _____

# Phokophela kuma-400



## Kubala nekubhala ngema-400




Bala kusuka kuma- 300 uye kuma- 400

Shano tinombolo usachubeka.

Bhala tinombolo letishiyiwe kulegridi.

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



Bhala tinombolo letiyi-9 emva kwema- 400.

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





# 45



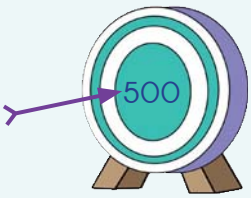
Lusuku: _____

## Kubala uchubeke kusuka kuma-500



Bala uphindze ubhale

400




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

a. Bala uchubeke kusuka kuma -400. Shano letinombolo njengobe uhamba.

b. Bhala tinombolo letingekho kugridi.

c. Bhala tinombolo letiyi-9 letilandzelako emva kwema-500.

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

d. Bala ngaku-2. Bhala tinombolo letisi-8 letilandzelako ngephethini yabo-2.

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

e. Bala ngeti-5. Bhala tinombolo letisi-8 letilandzelako ngephethini yeti-5.

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





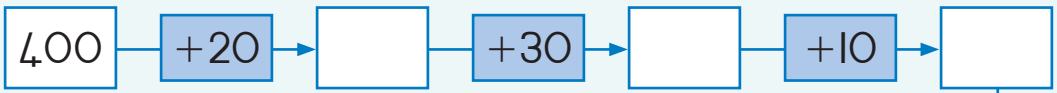


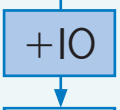


## Ngubani intjintji?

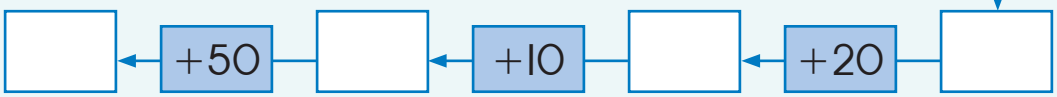
a. Balela embili kusuka kuma-400.

Kucala



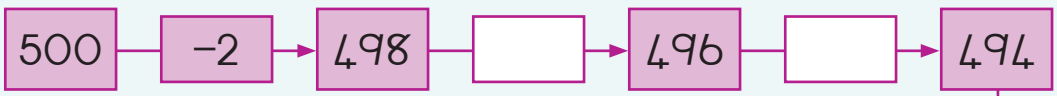



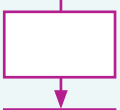

Kuphela

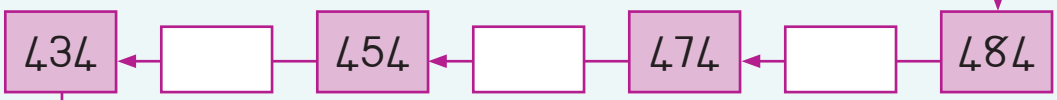



b. Balela emuva kusuka kuma-500.

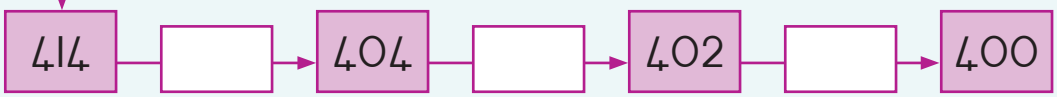
Kucala








Kuphela



## Khombisa letinombolo. Landzela lesibonelo.

Tfola inhlanganisela yesamba. Sebentisa emakhadi akho etinombolo kukhombisa samba ngasinye.

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

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

Teacher:
Sign:
Date:



# 46

Lusuku: _____

## Kwengeta nekususa.

Yini lokubonako?

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



Sitawuphindze sisebentise indlela yaBusi na-Dumi kwengeta.

a. 245 + 231



**Indlela yaBusi**

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



**Indlela ya-Dumi**

245 + 231
= 400 + 70 + 6
= 471

b. 278 + 136

c. 265 + 148



1 2 3 4 5 6 7 8 9 10





Sitawusebentisa indlela yaBusi naAakar kunciphisa.

a. 476 – 324





**Indlela yaBusi**

= 400 – 300 + 70 – 20 + 6 – 4

= 100 + 50 + 2

= 152

**Indlela ya-Dumi**

476 + 324

= 100 + 50 + 2

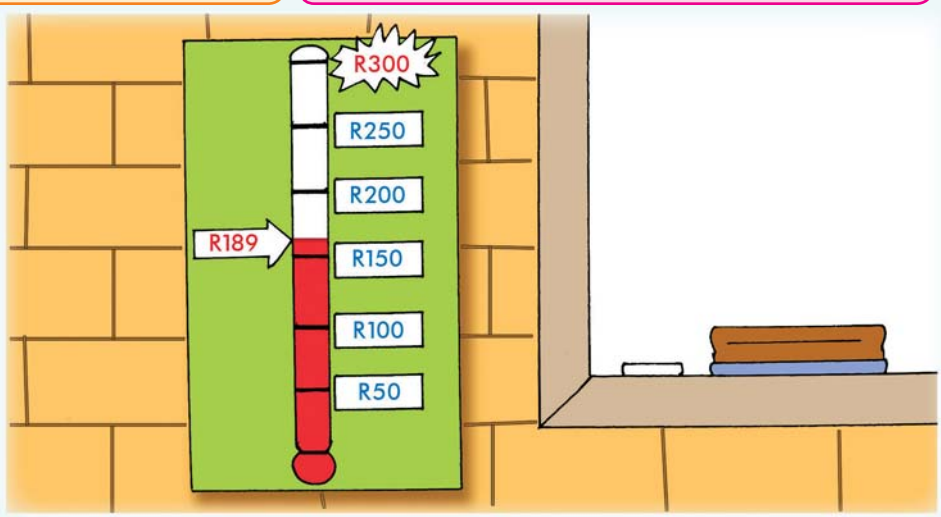
= 152

b. 489 – 456

c. 432 – 199



## Kushaya inkoyoyo




Bukisisa lesitfombe.

Kusele kanganani ushaye inkoyoyo?

R

Teacher:
Sign:
Date:

47



Lusuku: _____

# Emaphethini yonkhe indzawo



## Intsaba leyimfihlo

Yini ligama lentsaba lenkhulu eGauteng? Sebentisa lekhodi kutfola.
Tfola imphendvulo ngayinye ethebuleni kuluhlavu lolukukhodi.

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

| Tinombolo temikhondvo | Imphendvulo | Luhlavu |
|---|---|---|
| Sibonelo: $2 \times 3 \times 3 \times 1 = \square$ | 18 | R |
| $50 + 50 + 50 + 100 - 200 - 45 = \square$ | | |
| $1 + 2 + 7 + 10 + 7 + 1 - 14 = \square$ | | |
| $60 - 30 + 50 + 20 - 50 - 15 - 20 = \square$ | | |
| $3 + 2 + 7 + 1 + 2 + 1 + 3 = \square$ | | |
| $5 + 3 + 30 = 4 + 2 + 12 + \square$ | | |
| $100 - 5 - 70 = 20 + \square$ | | |
| $36 + 44 - 60 - 22 = \square$ | | |
| $10 + 15 = 14 + \square$ | | |
| $2 + 1 + 14 + 9 + 14 = 25 + \square$ | | |
| $1 \times 2 \times 2 \times 2 \times 2 = \square$ | | |

Ligama lentsaba yi



1 2 3 4 5 6 7 8 9 10





## Buka! Cabanga, futsi uphendvule!

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

a.

Lutawuba njani luphawu lwa-16? Klwibhita (ü) loku lokunguko. ✷ ⊙ ☾

Lutawuba njani luphawu lwa-18? Klwibhita (ü) loku lokunguko. ✷ ⊙ ☾

Lutawuba njani luphawu lwa-23? Klwibhita (ü) loku lokunguko. ✷ ⊙ ☾

b.

Nombolo 50 utawuba ✷. Liciniso nobe Akusilo liciniso?

Nombolo 100 utawuba ⊙. Liciniso nobe Akusilo liciniso?

Nombolo 23 utawuba ☾. Liciniso nobe Akusilo liciniso?



Hlola. Catsanisa. Lungisa.



### Ngukuphi lokungetulu?

Kutfola R2,50 ngelilanga imali yekudla ngeNhlaba nangaKholwane noma kutfola R150 mhlaka 1 ngeNgci. Khombisa kutsi ukubale njani loku.

Teacher:
Sign:
Date:

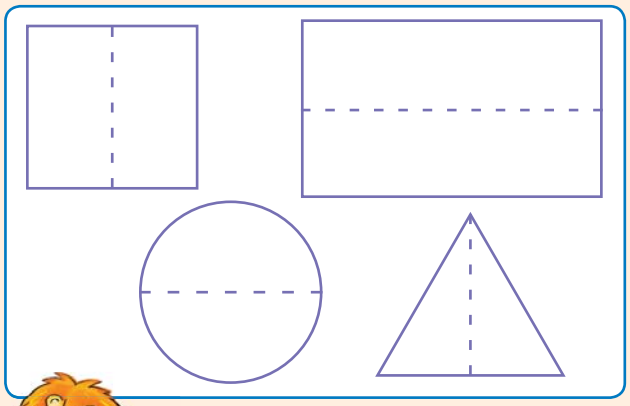




Lusuku: _____

# Umugca wesitfunti-mafanana

Yini lokunakako ngalabobunjwa?



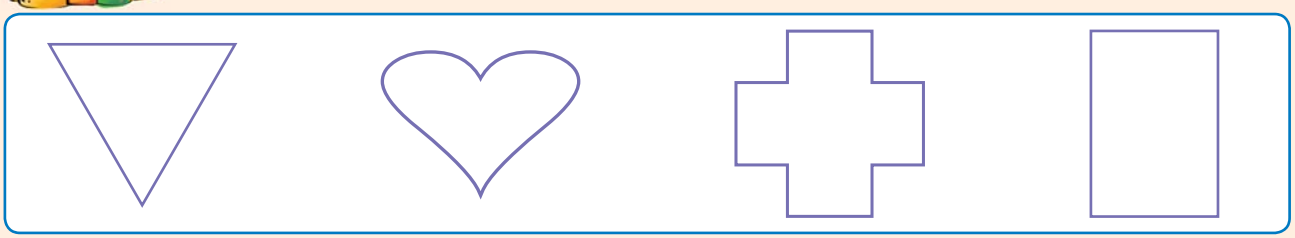
Umugca wesitfunti-mafanana ubhukula emkhatsini bohhafu lababili kwente kutsi ihhafu iyinye ifanane ncwe naleya lenye njengesitfunti esibukweni.

Bunjwa uba nesitfunti-mafanana uma ungamgoba emugceni wesitfunti-mafanana lapho khona labohhafu lababili bafana njengemaphahla.



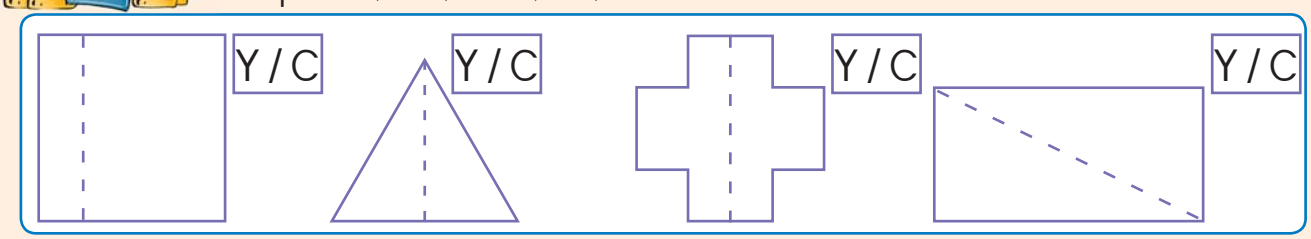


Dvweba umugca wesitfunti-mafanana waloyo naloyo bunjwa.





Umugca longemacashata ngabe ngewesitfunti-mafanana noma cha? Kipilitela (Yebo)noma (Cha).






Ngabe nguwo umkhatsi-layini locondzile lo? Usho ngani?





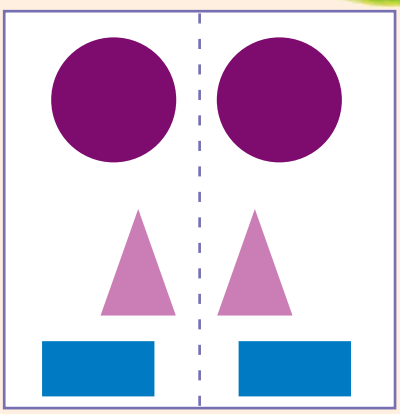




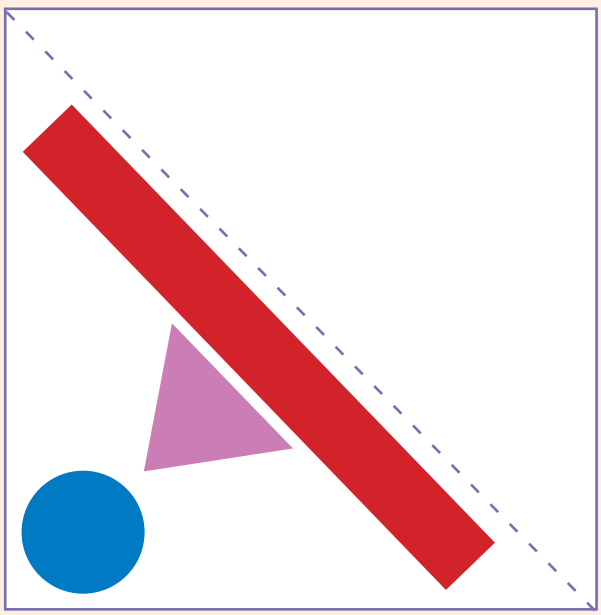


Dvweba bobunjwa kwenta sitfombe sesitfunti-mafanana. Sikwentele sibonelo sekucala.

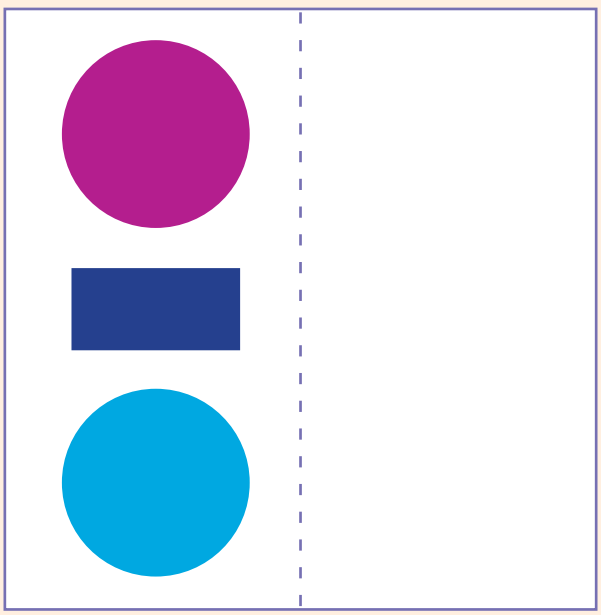
a.



b.



c.





Yakha lakakho licansi letitfunti-mafanana usebentise bobunjwa.



Teacher:

Sign:

Date:



11 12 13 14 15 16 17 18 19 20

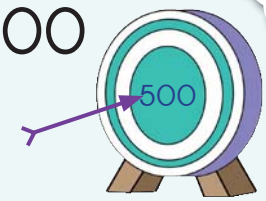


Lusuku: _____

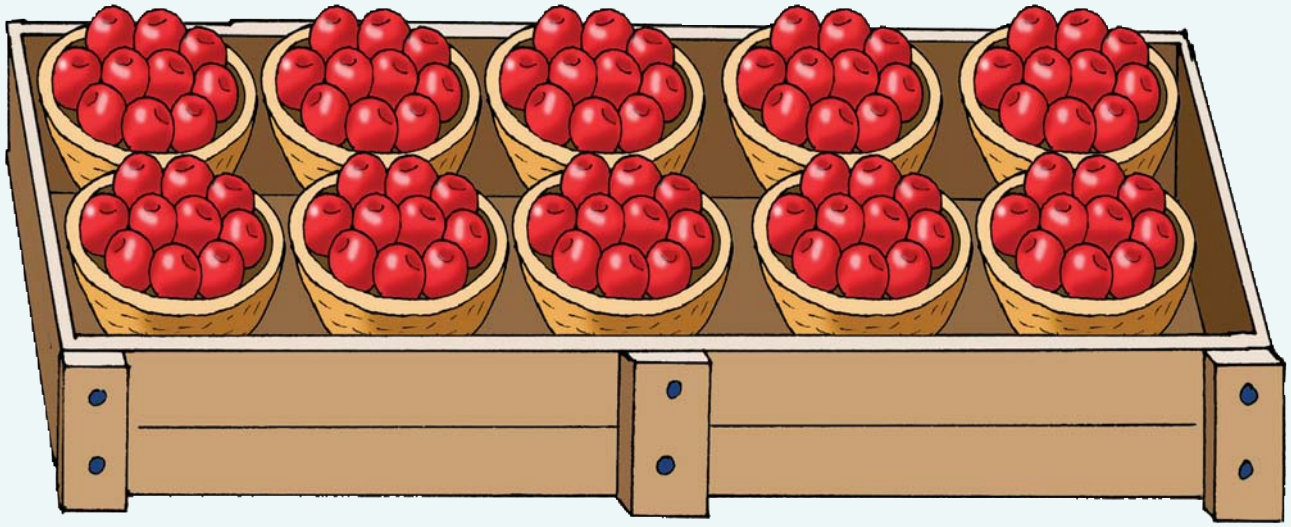


# Kwakha kufika kuma-500






## Kubala lamahhabhula



Cedzela bese uyaphindzaphindza.

| | |
|---|---|
| Libhasikidi li-1 liphatsa emahhabhula la _____. | $1 \times 10 = 10$ |
| Emabhasikidi lama-3 aphatsa emahhabhula la _____. | $3 \times 10 =$ |
| Emabhasikidi lasi-5 aphatsa emahhabhula la _____. | |
| Emabhasikidi la-4 aphatsa emahhabhula la _____. | |
| Emabhasikidi la-2 aphatsa emahhabhula la _____. | |

| | |
|---|---|
| 1 likasi licukatsa 100 wemahhabhula. | 2 wemakasi acukatsa ___ wemahhabhula. |
| 3 wemakasi acukatsa ___ wemahhabhula. | 4 wemakasi acukatsa ___ wemahhabhula. |
| 5 wemakasi acukatsa ___ wemahhabhula. | 2 hhafu wemakasi ucukatsa __emahhabhula. |



1 2 3 4 5 6 7 8 9 10



50

Lusuku: _____

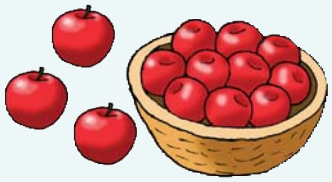
# Kuphindzaphindza nekwaba nga (10)



**Kubala emahhabhula.**

Gcwalisa lelithebula.

Mangakhi emabhasikidi lacukatsa emahhabhula?



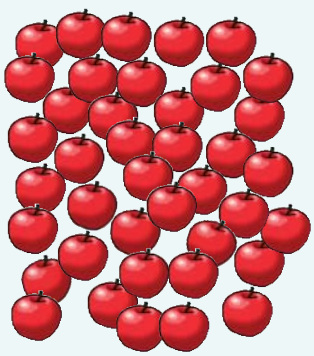
| Emahhabhula | 10 | 20 | 30 | 40 | 50 |
|---|---|---|---|---|---|
| Emabhasikidi | 1 | 2 | | | |
| ÷ sibalo | | | | | 50 ÷ 10 = 5 |
| × sibalo | | | | | 5 × 10 = 50 |



Yabela bantfwana emahhabhula. Dvweba

a.









Hlola timphendvulo takho

□ ÷ □ = □

□ × □ = □





1 2 3 4 5 6 7 8 9 10

# 51



Lusuku: _____



## Kusuka kuku-2 kuya kuma-200

Balela phambili ngaku-2 kuya kuma- 500 nasemuva.

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

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

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

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



**Emapheya emagilavu**



a. Mangakhi emapheya emagilavu kuluhlu lunye? _____

b. Mangakhi emagilavu lahamba ngalinye kuluhlu lunye? _____

c. Tingakhi tinhlu? _____

d. Mangakhi emagilavu sekawonkhe? _____

e. Khombisa kutsi ubale njani.

f. Bhala imphendvulo yakho njengemushonombolo.

_____ × _____ = _____





## Mangakhi emagilavu?

Bhala kumathebula.

a.

| Lipheya | 10 | 5 | 50 | 4 | 40 | 3 | 30 | 100 |
|---|---|---|---|---|---|---|---|---|
| Emagilavu | | | | | | | | |

b.

| Ligilavu linye | 20 | 21 | 70 | 73 |
|---|---|---|---|---|
| Emapheya langentiwa | | | | |
| Emagilavu lahamba ngalinye lasele | | | | |



## Bala ngakubili.

a. Nguyiphi inombolo leba semkhatsini waleti?

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

b. Bhala tinombolo letimbili letilandzelako.

| | | |
|---|---|---|
| 375, _____ | 482, _____ | 264, _____ |

c. Bhala tinombolo letimbili letilandzelako.

| | | |
|---|---|---|
| 348, _____ | 417, _____ | 299, _____ |

Teacher:
Sign:
Date:





Lusuku: _____



# Ngeti-5 kuya ku ma-500



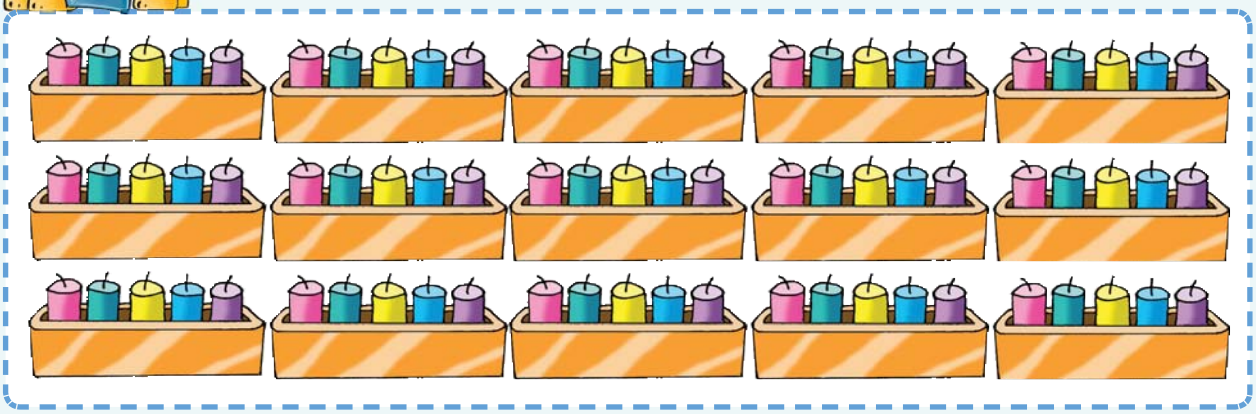
## Yati ti-5 takho

Gcwalisa letimphendvulo.

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



## Bala lamakhandlela



a. Mangakhi emakhandlela ebhokisini ngalinye? _____

b. Mangakhi emabhokisi eluheleni ngalunye? _____

c. Mangakhi emakhandlela eluheleni ngalunye? _____

d. Mangakhi emakhandlela sekawonkhe? _____



## Khombisa imphendvulo yakho

Klwibhita (ü) imishotinombolo lekhombisa linani leliphelele lemakhandlela.

a. 5 × 3 × 3 = ☐ b. 15 × 3 = ☐ c. 3 × 5 × 5 = ☐ d. 15 × 5 = ☐





1 2 3 4 5 6 7 8 9 10

# 55b



Lusuku: _____

## Bala ngaku-3 nangaku-4



Emabhodo lanemilente lemi-3

Hlanganisa bese ubhala timphendvulo



a. Mangakhi emabhodo eluhlwini ? _____

b. Mingakhi imilente eluhlwini ?_____

c. Tingakhi tinhlu temabhodo? _____

d. Mingakhi imilente seyiyonkhe? Khombisa kutsi ukubale njani loku.

Ngumuphi umusho nombolo lokhombisa sekukonkhe.

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



### Mingakhi imilente?

Cabanga ngekushesha
Cabanga ngekuhlakanipha

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 libhodo | 3 | imilente | 10 emabhodo | | imilente | 5 emabhodo | | imilente |
| 2 emabhodo | | imilente | 15 emabhodo | | imilente | 12 emabhodo | | imilente |
| 5 emabhodo | | imilente | 13 emabhodo | | imilente | 14 emabhodo | | imilente |

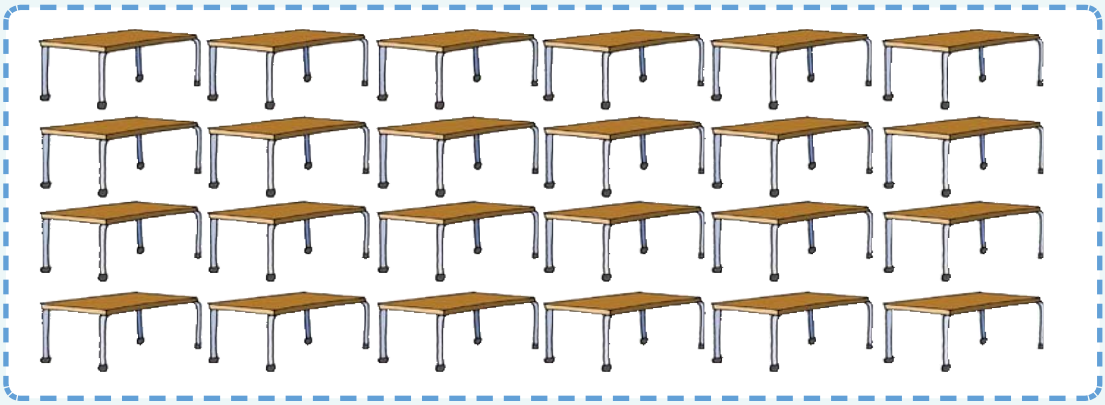


1 2 3 4 5 6 7 8 9 10





## Imilente yelitafula



a. Mangakhi ematafula eluhlwini? _____

b. Mingakhi imilente eluhlwini? _____

c. Tingakhi tinhlu tematafula? _____

d. Mingakhi imilente seyiyonkhe? Khombisa kutsi ukubale njani loku.



## Sisefektri



Umbati wakha ematafula. Ucale akhe imilente.

Sewakhe ema-48 kwanyalo. Mangakhi ematafula langawakha?

Kumele akhe mingakhi leminye imilente yelitafula linye?



## Cedzela legridi ngekugcwalisa timphendvulo.

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

Teacher:
Sign:
Date:





Lusuku: _____



# Sita bantfwana



**Umntfwana munye, ingubo yinye!**

Bangakhi bantfwana? Linganisa, bese uyabala.










Bonkhe labantfwana esitfombeni batfola ingubo.
Bangakhi bantfwana labalapho? _____

| Linganisa | Bala | Catsanisa |
|---|---|---|
| | | |

Bangakhi ☺ bafana? _____ Mangakhi ☺ emantfombatana? _____





1 2 3 4 5 6 7 8 9 10





## Ngumalini lebambhadalako?

Gwazi  utsenga ti-2  .

Ubhadala R

Make Chaane  utsenga si-5  .

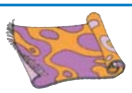
Ubhadala R

Baka-Thembi Stores 

batsenga ema-20  .

Babhadala R




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



## Kutawutsatsa sikhatsi lesingakanani? Sebentisa ikhalenda.

Likilasi leLibanga 3 ligcogca imali yekutsenga tingubo leti-4.

Bagcogca R5 ngelilanga ngemalanga lasi-5 ngeliviki.

Bacala ngeMsombuluko wekucala weNdlovulenkhulu.

Nguliphi lilanga ngeNdlovulenkhulu labatawutfola ngalo lemali labayidzingako?



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20

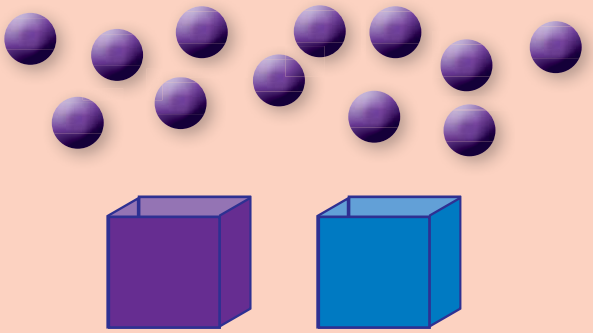


Lusuku: _____

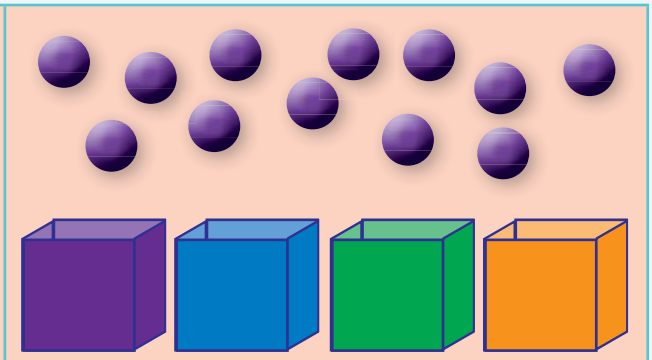
# Emafrakishini: bohhafu nemakota



Yaba emabhola ngekulingana emkhatsini wemabhokisi



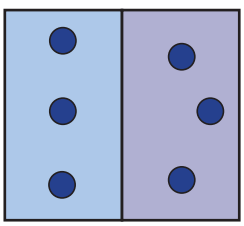
- Mangakhi emabhola ebhokisini linye? ☐
- Mangakhi emabhola ebhokisini lelisamsobo? ☐
- Ngubani ifrakishini yemabhola lesebhokisini lelisamsobo? ☐



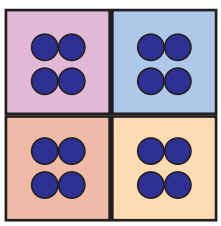
- Mangakhi emabhola ebhokisini linye? ☐
- Mangakhi emabhola ebhokisini lelisamsobo? ☐
- Ngubani ifrakishini yemabhola lesebhokisini lelisamsobo? ☐



Buka letitfombe bese uphendvula imibuto.



- Tingakhi tindilinga longatibala? ☐
- Ngubani $\frac{1}{2}$ yetindingilizi? ☐



- Tingakhi tindilinga longatibala? ☐
- Ngubani $\frac{1}{4}$ yetindilinga? ☐
- Ngubani $\frac{2}{4}$ yetindilinga? ☐
- Ngubani $\frac{3}{4}$ yetindilinga? ☐
- Ngubani $\frac{4}{4}$ yetindilinga? ☐











Faka umbala ku $\frac{1}{2}$ waloyo bunjwa.

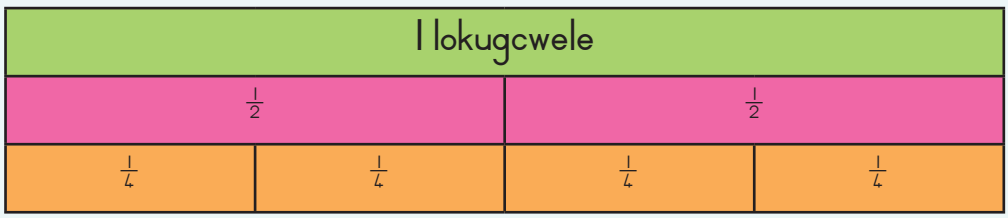
Faka umbala ku $\frac{1}{4}$ waloyo bunjwa.

Faka umbala ku $\frac{2}{4}$ waloyo bunjwa.

Faka umbala ku $\frac{3}{4}$ waloyo bunjwa.



## Buka lelibhande frakishini

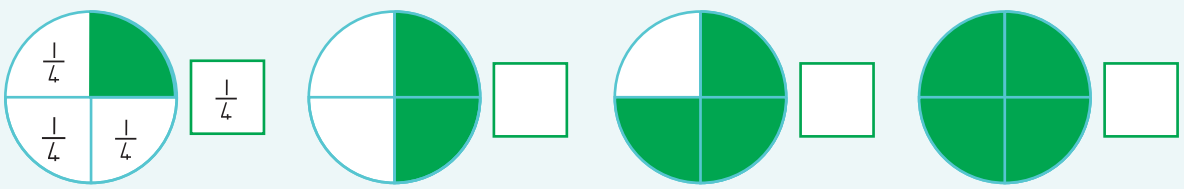



a. Bangakhi bohhafu ($\frac{1}{2}$) labakha kunye lokugcwele?

Mangakhi emakota ($\frac{1}{4}$) lakha kunye lokugcwele?

Mangakhi emakota ($\frac{1}{4}$) lakha ihhafu?

b. Buka lemidvwebo bese ubhala ifrakishini yencenye lefakwe umbala.




c. Nguyiphi ifrakishini lenkhulu kune $\frac{1}{2}$ noma $\frac{1}{4}$ ?

Teacher:
Sign:
Date:



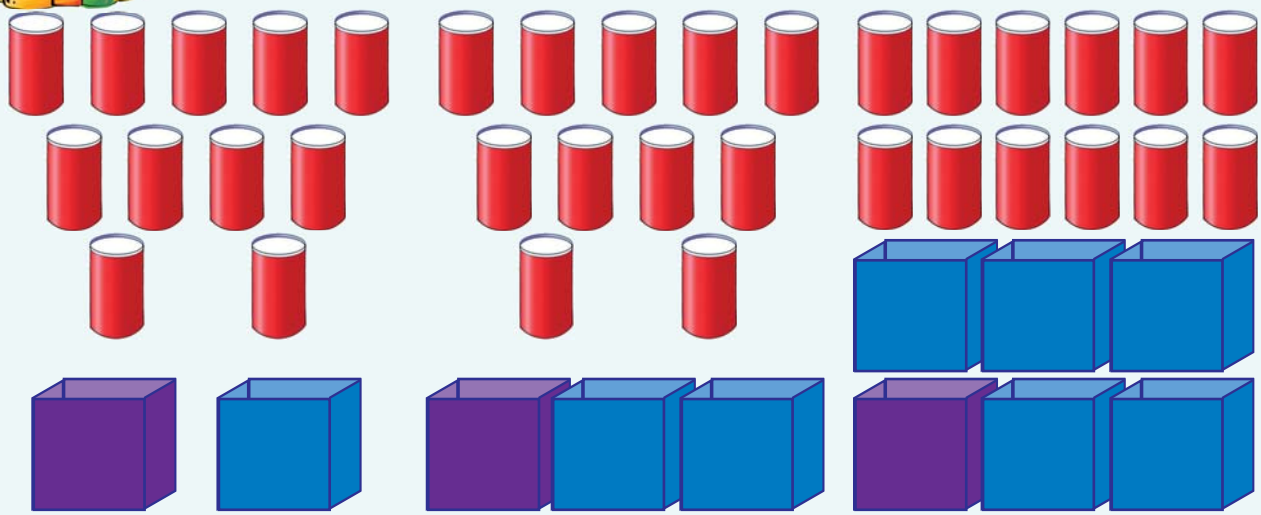


Lusuku: _____

# Emafrakishini: bohhafu, kwalokutsatfu nekwalokusitfupha



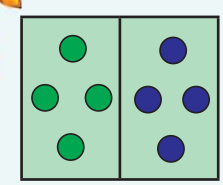
Yaba tikotela (emasilinda) ngalokulinganako emabhokisini.



| | | |
|---|---|---|
| 12 | | |
| 6 | | |
| $\frac{1}{2}$ | | |

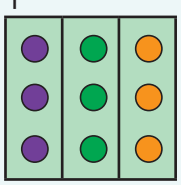


Buka letitfombe bese uphendvula imibuto.



Tingakhi tindingilizi longatibala? ☐

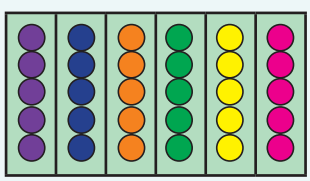
Ngubani i $\frac{1}{2}$ yetindingilizi? ☐



Ngubani i $\frac{1}{3}$ yetindingilizi? ☐

Ngubani i $\frac{2}{3}$ yetindingilizi? ☐

Ngubani i $\frac{3}{3}$ yetindingilizi? ☐



Ngubani i $\frac{1}{6}$ yetindingilizi? ☐

Ngubani i $\frac{2}{6}$ yetindingilizi? ☐

Ngubani i $\frac{3}{6}$ yetindingilizi? ☐

Ngubani i $\frac{4}{6}$ yetindingilizi? ☐

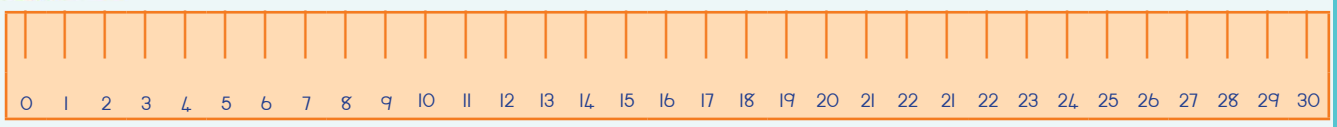
Ngubani i $\frac{5}{6}$ yetindingilizi? ☐







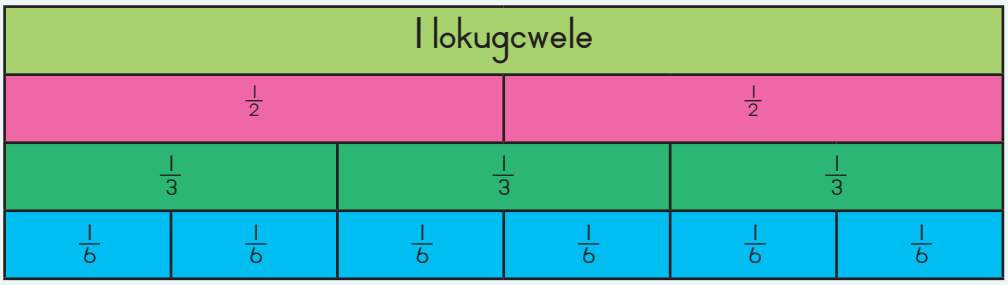





- Khombiza ihhafu yinye yerula. Loku kwakha _____ cm.
- Khombisa kunye kwalokutsatfu kule rula. Loku kulingana na _____cm
- Khombisa kunye kwalokusitfupha kule rula. Loku kulingana na _____cm



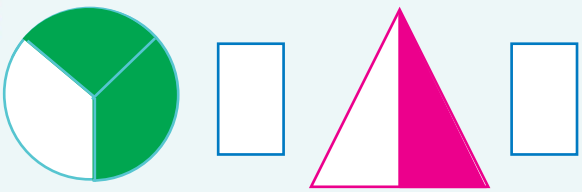
Buka lamabhande-frakishini. Cedzela lemisho.

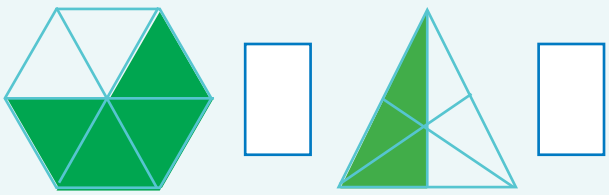



- Kunemahhafu la _____ kulokugcwele.
- Kunaloku _____ kwalokutsatfu kulokugcwele.
- Kunaloku _____ kwalokusitfupha kulokugcwele.
- Kunaloku _____ kwalokusitfupha ehhafini.
- Kunaloku _____ kwalokusitfupha kulokutsatfu.



Bhala ifrakishini yencenye lefakwe umbala.





Kipilitela ifrakishini lenkhulu.

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

Teacher:
Sign:
Date:



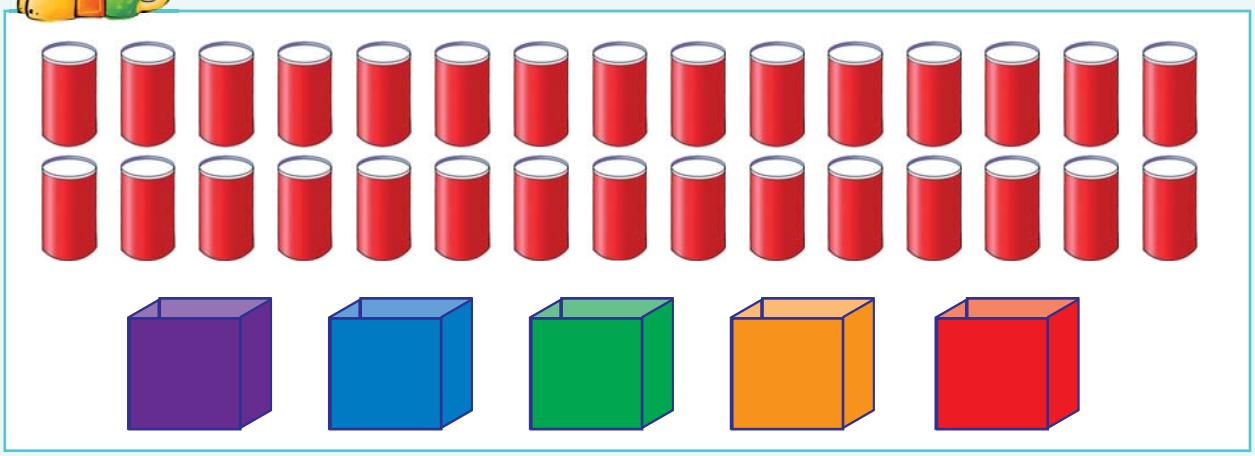


Lusuku: _____

# Emafrakishini: kwalokusihlanu



Yaba tikotela emabhokisini.



- Ku- $\frac{1}{5}$ emabhokisi kunetikotela letingu 6
- Ku- $\frac{2}{5}$ emabhokisi kunetikotela letingu ☐
- Ku- $\frac{3}{5}$ emabhokisi kunetikotela letingu ☐
- Ku- $\frac{4}{5}$ emabhokisi kunetikotela letingu ☐
- Ku- $\frac{5}{5}$ emabhokisi kunetikotela letingu ☐

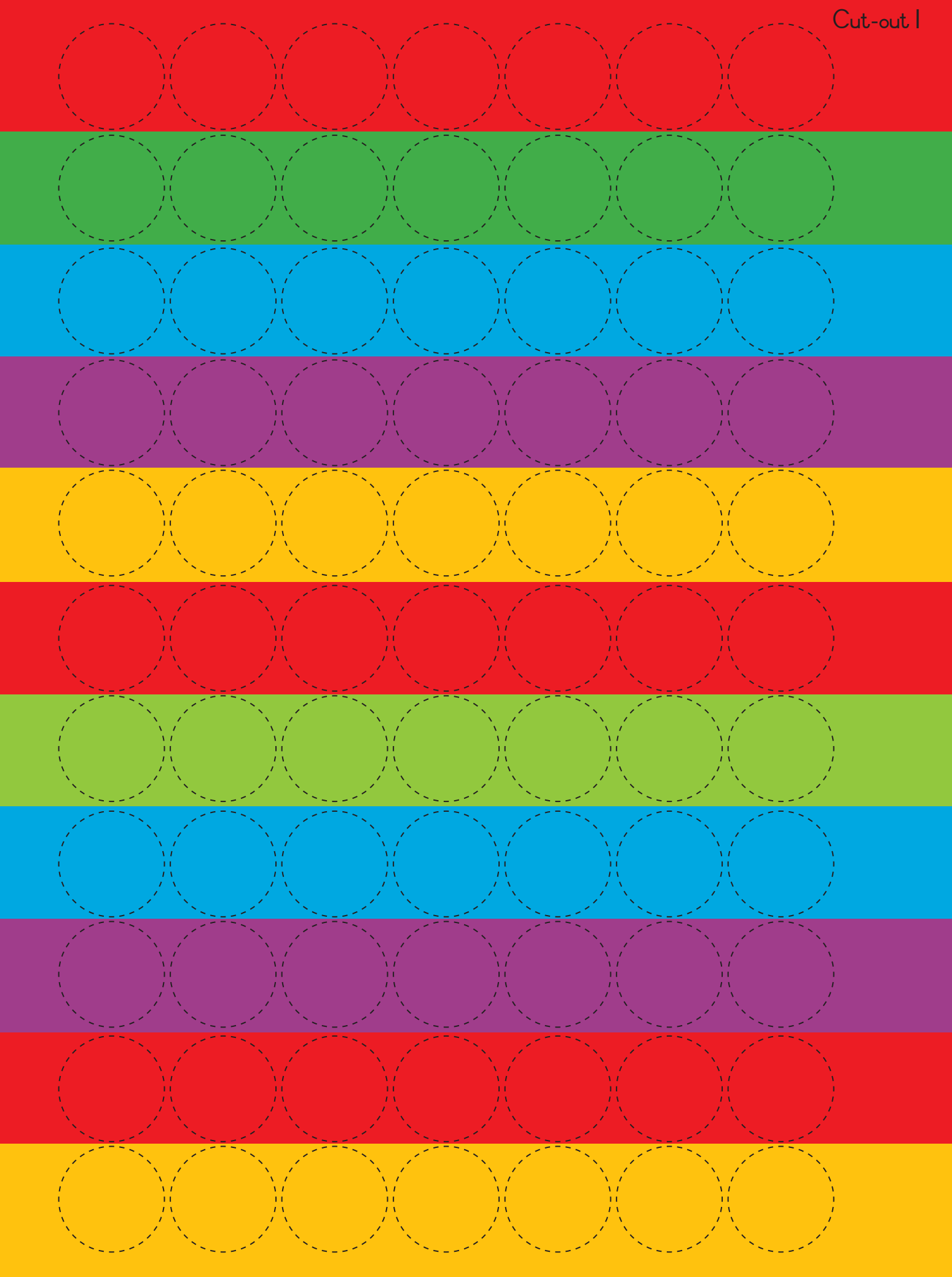


Buka titfombe bese uphendvula imibuto.

Mangakhi emashokoledi ebhokisini? ☐



- $\frac{1}{5}$ wemashokoledi ulingana na ☐
- $\frac{2}{5}$ wemashokoledi ulingana na ☐
- $\frac{3}{5}$ wemashokoledi ulingana na ☐
- $\frac{4}{5}$ wemashokoledi ulingana na ☐
- $\frac{5}{5}$ wemashokoledi ulingana na ☐
- Ngalelinye lilanga ngadla $\frac{1}{5}$ wemashokoledi. Kusele mangaki emashokoledi? ☐
- Ngalelinye lilanga ngaphindze ngadla i- $\frac{1}{5}$. Kusele mangaki emashokoledi? ☐


Cut-out 1

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

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 |
| 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 |
| 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 |
| 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 |
| 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 |
| 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 |
| 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 |
| 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 |
| 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 |
| 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 |

Libanga 3

Rainbow WORKBOOKS

# Tibalo

## ngeSISWATI

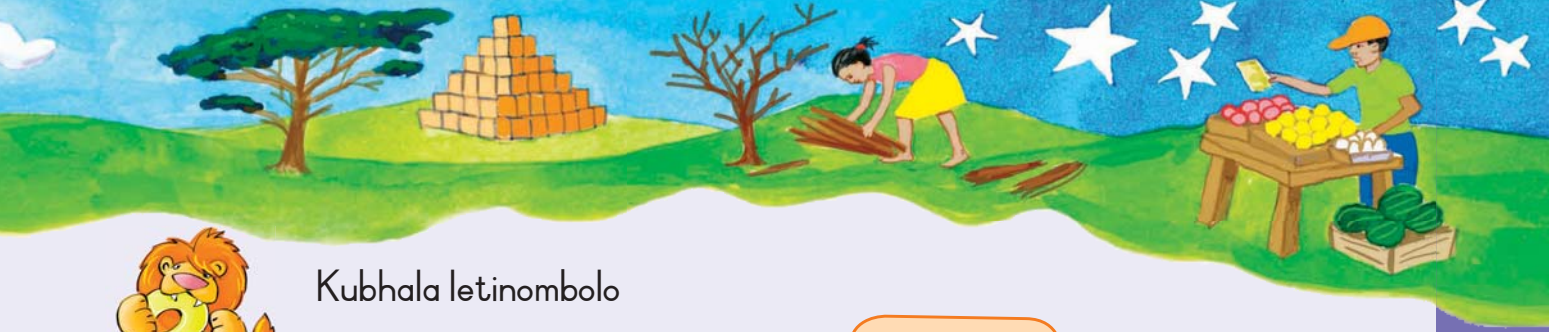
Lencwadzi ya:

_____

SISWATI

Incwadzi 1







## Kubhala letinombolo

Sikwentele yekucala

Singasho nekutsi 9 wabo 1.

| 19 | 10 + 9 | 1 Lishumi +9 emayunithi | Lishumi nemfica |
|---|---|---|---|
| 43 | | | |
| 69 | | | |
| 54 | | | |
| 35 | | | |
| 21 | | | |
| 73 | | | |
| 44 | | | |
| 32 | | | |
| 89 | | | |
| 17 | | | |
| 95 | | | |
| 56 | | | |
| 68 | | | |
| 67 | | | |



Bhala tinombolo tekucala letisihlanu ngeluhla kusukela kulencane kakhulu kuya kulenkhulu kakhulu.

_____; _____; _____; _____; _____

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20





Phindza letinombolo usebentisa imigcanombolo.
Uniketiwe sibonelo sekucala.

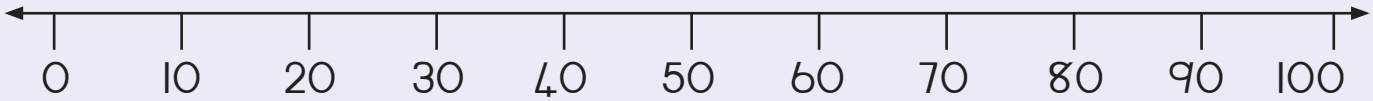
Phindza 4 | 4 | + | 4 | = | 8




Phindza 5 | | + | | = | |




Phindza 20 | | + | | = | |




Phindza 40 | | + | | = | |






Cedzela loku lokulandzelako

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



Cedzela loku lokulandzelako

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

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



18

Lusuku: _____

# Indzawo yenombolo kuya kuma-99

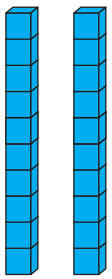


## Kukhombisa tinombolo usebentisa tintfo

Singakhombisa tinombolo ngemabhuloki emandla-sikhundla.

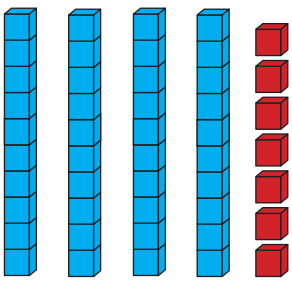
Libhuloki lelincane limele ku-1.

Liyiyunithi. Indvuku leneli-10 lemabhuloki lamancane imele li-10 Ilishumi.

| Emashumi | Emayunithi |
|---|---|
|  |  |

Ungakhombisa inombolo ngekusebentisa emashumi nemayunithi.

Nayi indlela yekukhombisa ema-47.



| Emashumi | Emayunithi |
|---|---|
| 4 | 7 |

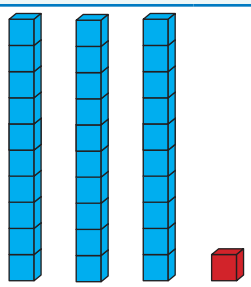
emashumi lamane nesikhombisa

47

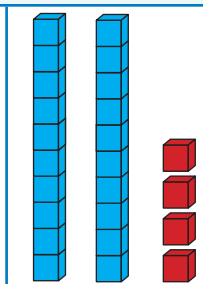


## Kubhala tinombolo ngemadijithi nangemagama

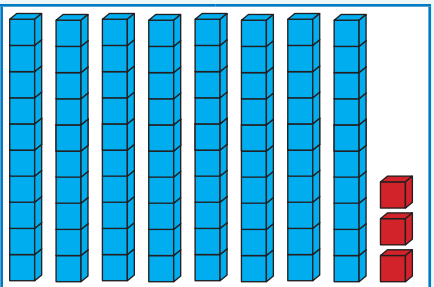
a. Ngaphasi kwesitfombe, bhala kutsi mangakhi emashumi nemayunithi. Emva kwaloko bhala inombolo ngemadijithi nangemagama.



| Emashumi | Emayunithi |
|---|---|
| 3 | 1 |
| 31<br>mashumi lamatsatfu nakunye | |



| Emashumi | Emayunithi |
|---|---|
| | |
| _____<br>_____ | |



| Emashumi | Emayunithi |
|---|---|
| | |
| _____<br>_____ | |





1 2 3 4 5 6 7 8 9 10



Lusuku: _____

# Bala ngaku-2



Kubala emasokisi



a. Mangakhi emasokisi lakhona? _____

b. Mangakhi emapheya emasokisi? _____

c. Mangakhi emasokisi lasele? _____





## Kubala emapheya emasokisi

Bhala kutsi mangakhi emapheya emasokisi lakhona futsi usho uma kukhona lasele.

| Emasokisi | Linani lemapheya | Linani lemasokisi | Emasokisi langalinye lasilele ngetulu |
|---|---|---|---|
|  | | | |
|  | | | |
|  | | | |
|  | | | |
|  | | | |



Teacher:

Sign:

Date:



11 12 13 14 15 16 17 18 19 20



36

Lusuku: _____

# Kuvakashela dokotela



Licembu lebantfwana livakashela dokotela wematinyo.




Loku nguloku bantfwana labamtjela kona.  = 1 sikhatsi

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

a. Bala imiklwibhito (✓) lekhombisa emahlandla bantfwana labacubha ngawo ematinyo abo. Bhala letinombolo.

| | |
|---|---|
|  Kanye ngelilanga | |
|  Kabili ngelilanga | |
|  Katsatfu ngelilanga | |

b. Yini longayisho?

| |
|---|
| Bantfwana labanyenti bacubha ka _____ ngelilanga. |
| Kunebantfwana laba _____ ecenjini. |





1 2 3 4 5 6 7 8 9 10

# 37a



Lusuku: _____

## Yengeta uphindze uhlanganise



### Bhala sibalo sakho



Busi angahlanganisa emayunithi nemashumi futsi aphindze awabeke ndzawonye. Angahlanganisa aphindze asuse ephepheni, ngaphandle kwemabhuloki. Ngalesinye sikhatsi utsandza kucala ngemakhadi etinombolo akhe kukhombisa tinombolo.

Ngako-ke ngesibalo 56 + 73, utfola lamakhadi:

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 | 0 | 6 | + | 7 | 0 | 3 |

Uhlanganisa lamayunithi emva kwaloko ubeka phasi likhadi le-9

| |
|---|
| 9 |

Uyati: 50 + 70 = 120.

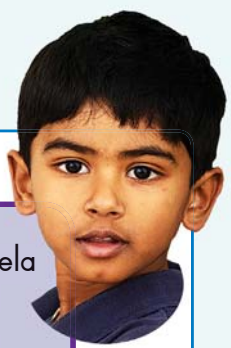
Utsatsa leli-100, lama-20 kanye nelikhadi le-9

kwenta inombolo yemadijithi lama-3

| | | |
|---|---|---|
| 1 | 0 | 0 |
| 2 | 0 | |
| | | 9 |

Ubhala ngalendlela:

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



Dumi uyati kutsi emabhuloki asebenta njani.

Ubala 56 + 73 kanje:

50 + 6 + 70 + 3

120 + 9

= 129



Aakar yena utsandza kusongela enombolweni lesedvute. Nansi indlela lakenta ngayo lesibalo:

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





1 2 3 4 5 6 7 8 9 10





Ase utetamele nawe. Yenta sibalo ngasinye ngetindlela letimbili.



a. 86 + 62

Indlela ya Busi

80 + 60 + 6 + 2

Indlela ya-Dumi

80 + 6 + 60 + 2



b. 72 + 63

c. 81 + 57

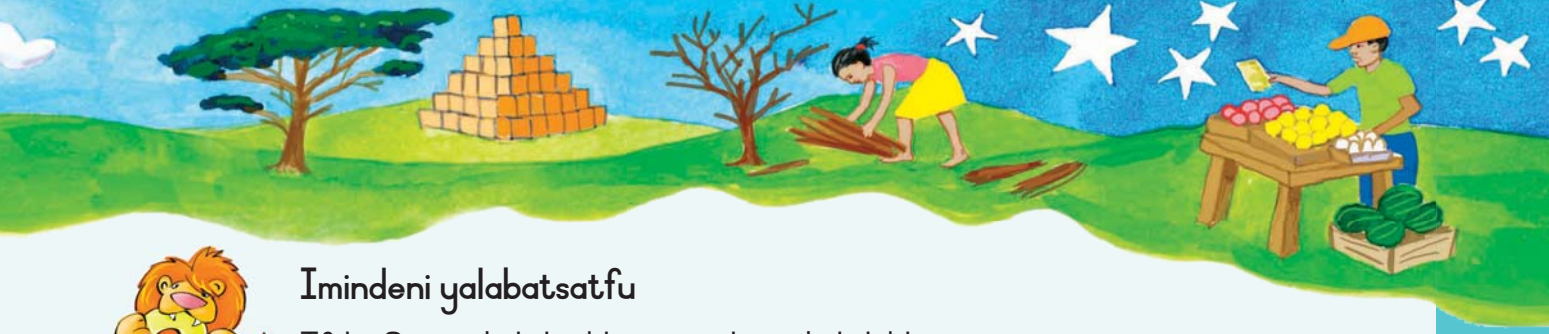
d. 69 + 71

Teacher:

Sign:

Date:

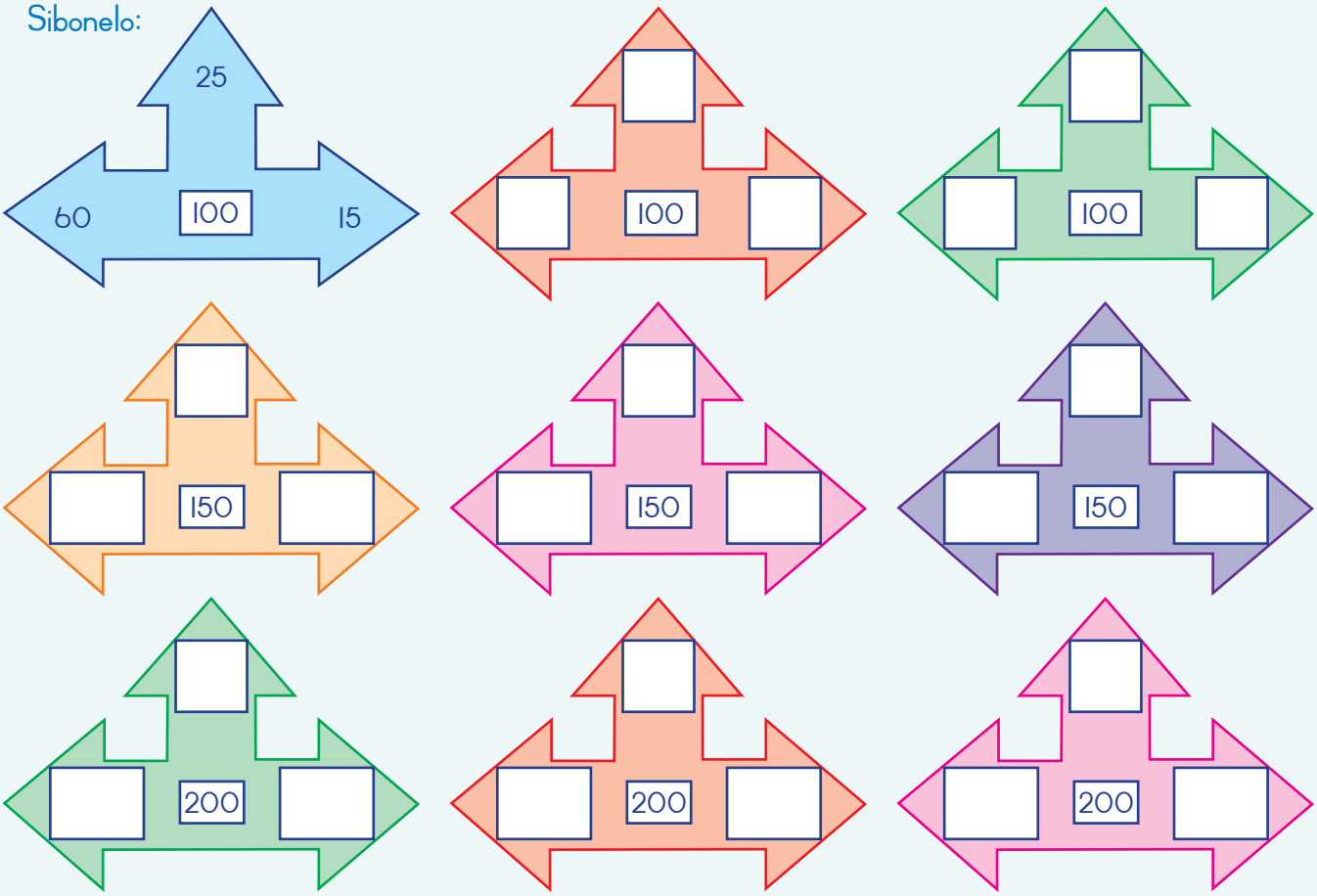




## Imindeni yalabatsatfu

Tfola-3 tinombolo letihlanganisa lenombolo lehlosiwe.
Umtsetfo: Ibe yinye nje kuphela inombolo lengagcina ngeli-0.

Sibonelo:




## Ema-50 ngetulu nema-50 ngaphasi

Bhala timphendvulo kuluhlu lwesi-2.

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

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

Teacher:
Sign:
Date:



Lusuku: _____



# Kukala ngemasentimitha



## Ngabe lisentimitha lingakanani?




Letinombolo kurula timele emasentimitha.

Sisebentisa lesinciphiso nobe luphawu lwa-cm.

Uma usebentisa irula, kumele ucale kulinganisa kuli-0.

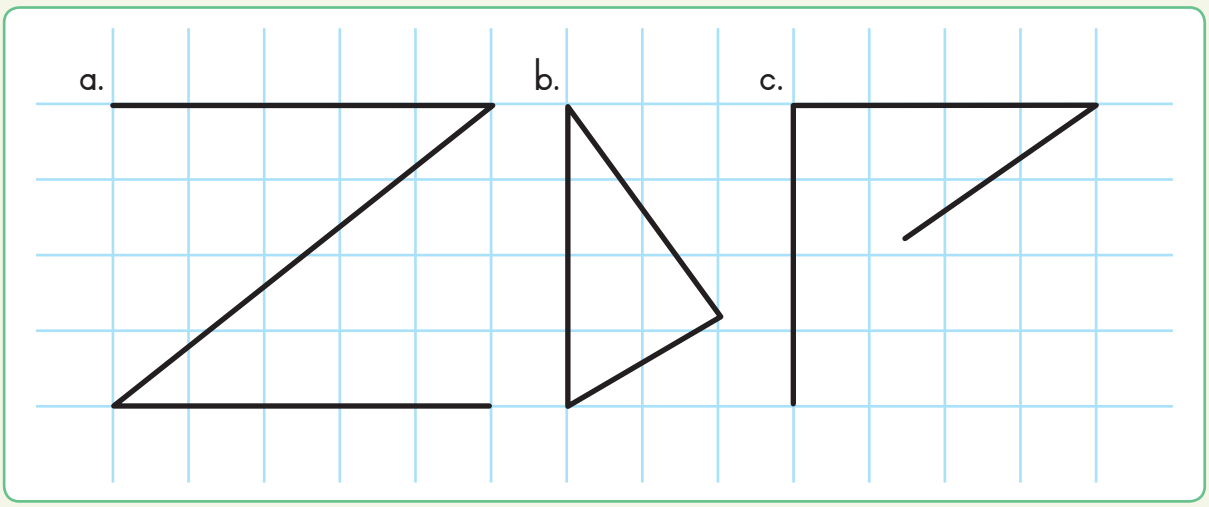
Lamanye emarula akakhombisi leli-0 njengalena lekulelikhasi.

Tfola licandza le-cm kurula. Bhala li-0 kurula.

Ukuphi 10 cm kulerula? Bhala 10 lapho.



Linganisa, bese ukala kahle ngerula yakho budze lobuphelele balemigca ngema cm.




| | | |
|---|---|---|
| a. Linganisa ____ cm | b. Linganisa ____ cm | c. Linganisa ____ cm |
| Kala ____ cm | Kala ____ cm | Kala ____ cm |









## Mudze ngakanani umugca munye?

Ngabe umugca mudze ngema-cm lamangakhi?
Sebentisa umunwe kusisita kuncuma.

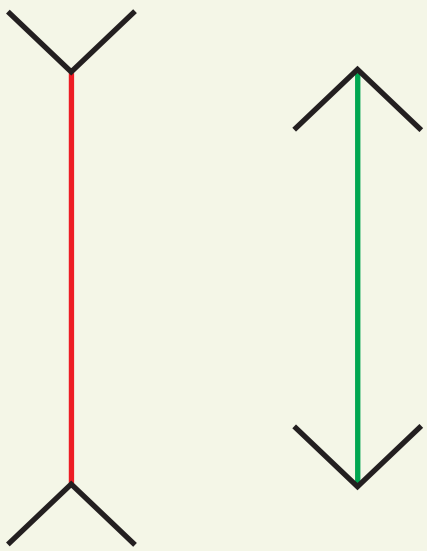
| | |
|---|---|
| a. ——— ☐ cm | d. \| ☐ cm |
| b. ——————— ☐ cm | e. ／ ☐ cm |
| c. — ☐ cm | f. ＼ ☐ cm |



## Ngabe ucinisekile?

Ngumuphi lomudze, umugca lobovu nobe loluhlata?

Ungahlola njani?





Loku ngulokubitwa ngekukhohlisa lokubonakalako. Loku kwenteka uma emehlo akho abona intfo lengekho. Lemigca lemibili iyalingana. Lemigca lebheke ekhatsi yenta umugca loluhlata ubukeke sengatsi mufisha kunaloku lewungiko. Lena lebheke ngephandle yenta umugca lobovu ubukeke umudze.

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20

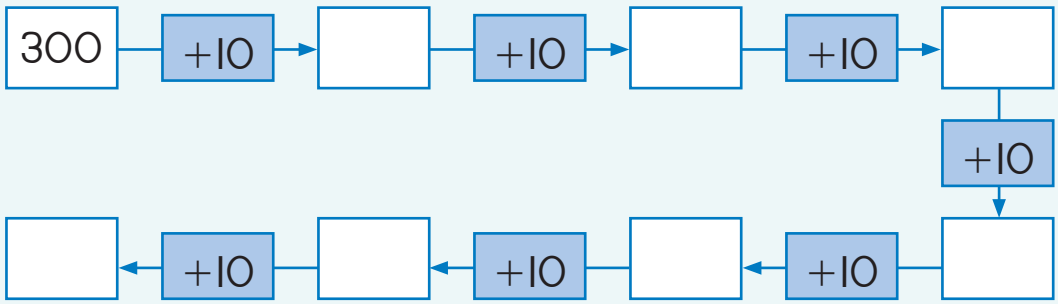




## Yini umehluko?

a. Kubala uye embili usuka kuma - 300

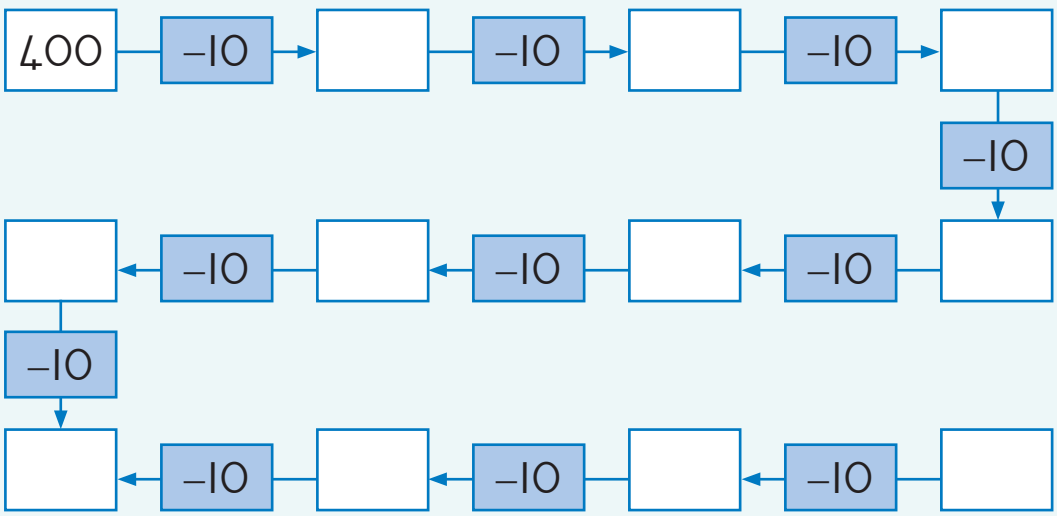
Cala




Gcina

b. Bala usuke kuma - 400

Kucala




Kuphela



## Bhala kube yinombolo yinye.

300 + 20 + 4 = _____

300 + 50 + 3 = _____

300 + 60 + 2 = _____

300 + 80 + 1 = _____

300 + 10 + 5 = _____

300 + 70 + 7 = _____

300 + 90 + 9 = _____

300 + 40 + 8 = _____

Bhala tinombolo ngekulandzelana kwato kusuka kulencane kakhulu kuya kulenkhulu kakhulu.

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

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



# 44

Lusuku:

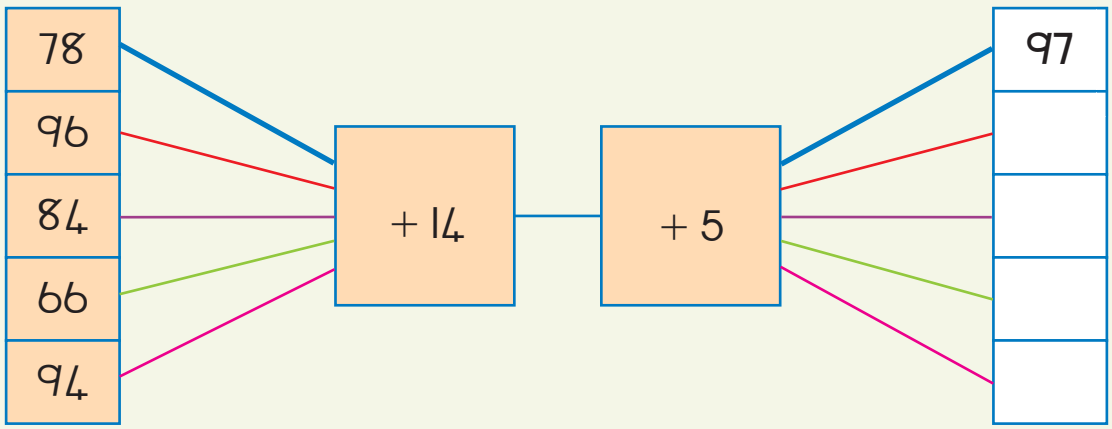
## Kukala



### Inombolo lekhetsekile

Hlanganisa uphindze ubhale timphendvulo.

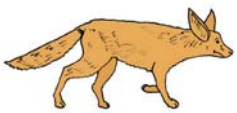
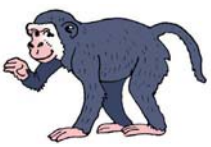





### Sondzeta bese uyengeta!

Cabanga ngekuhlakanipha!

| | | | | |
|---|---|---|---|---|
|  |  |  |  |  |
| Jakalazi 25 kg | Lufudvu 98 kg | Imfene 59 kg | Umtfwana welidvuba 88 kg | Lilandza 9 kg |

Songa usondzete sisindvo sesilwane ngasinye madvute na 10 kg losedvutane.

_____

Bhala sisindvo sesilwane ngasinye ngekulandzelana kusuka kulesilula kuya kulesesindzako.

_____

Yenta silinganiso sesamba sesisindvo saletilwane letisi-5 setitonkhe.

_____





1 2 3 4 5 6 7 8 9 10



## Hlanganisa lesisindvo sato.



Kungenteka ngingasindzi njengawe Lufudvu loludzala, kodvwa ngiyakwendlula ngelitubane!



Tinyatselo

- Sebentisa emanani akho lasondzetiwe.
- Linganisa sisindvo setilwane kuluhlu ngalunye.
- Bala emathothali.
- Catsanisa lamathothali lamabili bese ubhala umehluko.

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

## Sisindvo saVusi

Buka. Catsanisa. Lungisa.

Vusi uhlanganisa sisindvo sakhe kutisindvo teli-  nelu-  . Sisindvo sabo lesiphelele ngema-239 kg. Ngabe Vusi usindza ngakanani? Khombisa imphendvulo yakho.

## Sitsini sami sisindvo?

Dlalani ngemacembu. Ntjintjanani...

Hlanganisa sisindvo sakho kusisindvo saletinye tilwane. Tfola ithothali! Tjela licembu imphendvulo. Ungabakhombisi umsebenti wakho! Kumele batame kutfola sisindvo sakho.



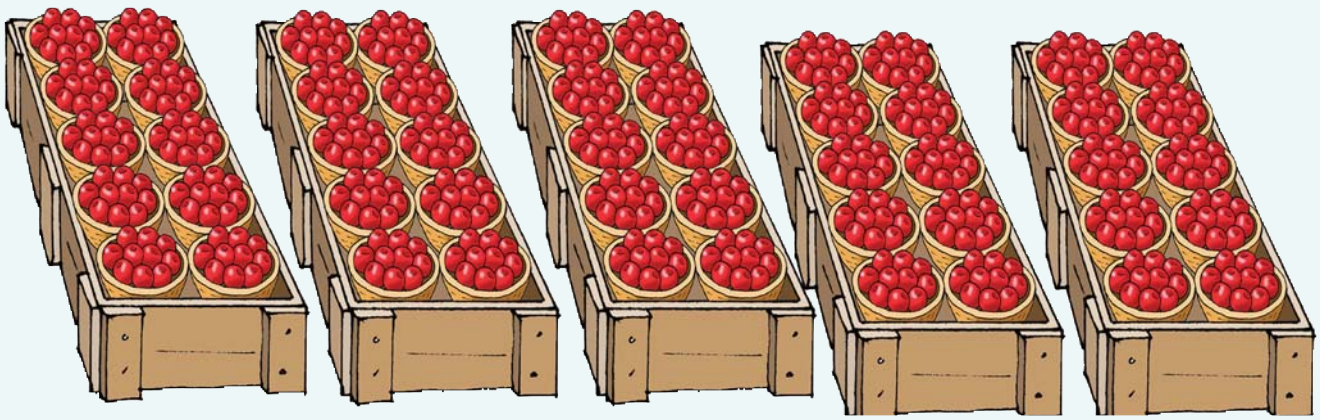
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20



Kunemahhabhula lali- 10 ebhasikidini yi- 1.

| |
|---|
| Kuna_____ wemabhasikidi ekasini linye. |
| Kuna _____ wemahhabhula ekasini linye. |
| Mangakhi emahhabhula sekawonkhe? _____ |



## Bala, ukhombise futsi ubhale

300 40 5

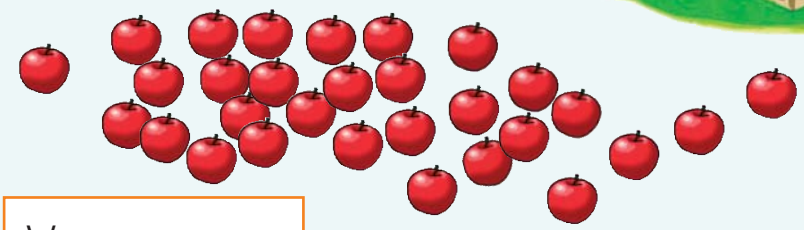
Kwekucala sebentisa emakhadi etinombolo kukhombisa ithothali ngayinye.
Emva kwaloko bhala lenombolo.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 3 | emakasi emahhabhula | + | 4 emabhasikidi | + | 5 Emahhabhula | = | 345 Emahhabhula | |
| 4 | emakasi emahhabhula | + | 5 emabhasikidi | + | 7 Emahhabhula | = | _____ | Emahhabhula |
| 5 | emakasi emahhabhula | + | 2 emabhasikidi | + | 3 Emahhabhula | = | _____ | Emahhabhula |
| 4 | emakasi emahhabhula | + | 7 emabhasikidi | + | 2 Emahhabhula | = | _____ | Emahhabhula |

Teacher:
Sign:
Date:

b.





Write a ÷ sum

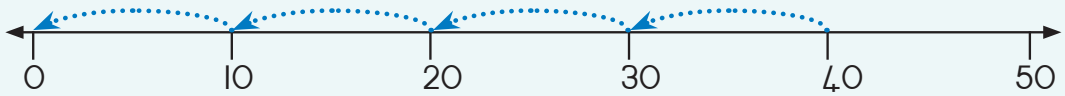
Write a × sum to check your answers







Sebentisa letinombolo kwenta yakho imisho nombolo.

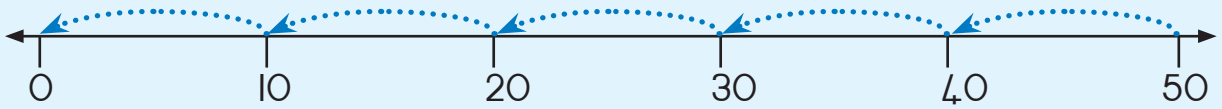



Imishonombolo

| ÷ | 40 ÷ 10 = 4 |
|---|---|

| × | 4 × 10 = 40 |
|---|---|

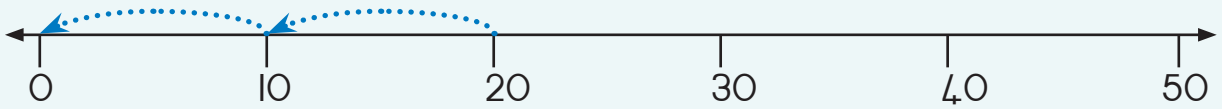
a.




| ÷ | |
|---|---|

| × | |
|---|---|

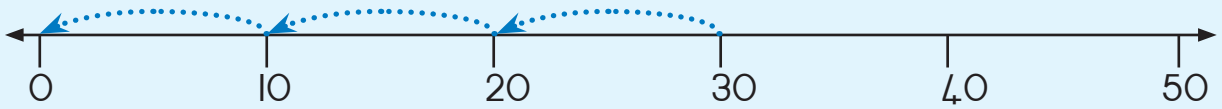
b.




| ÷ | |
|---|---|

| × | |
|---|---|

c.




| ÷ | |
|---|---|

| × | |
|---|---|



Bhala inombolo lencane nga 10 nalenkhulu nga 10 kunaleyo leniketiwe.

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

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20

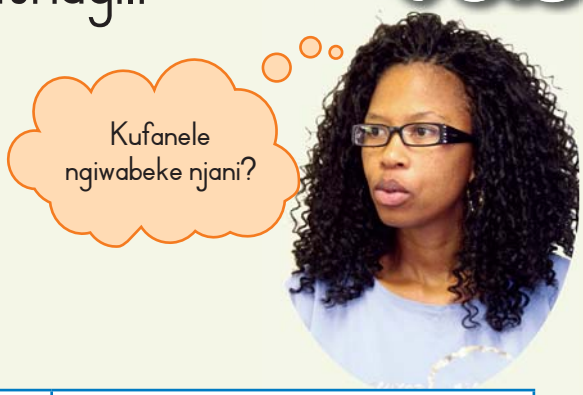


Lusuku:

# Yila ngemathayili



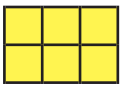
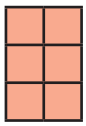
## Kulungiselela kwenta ingadze




Make Mabena unemathayili lamahle.

Uwasebentise kupheva indzawo tsite engadzeni yakhe.

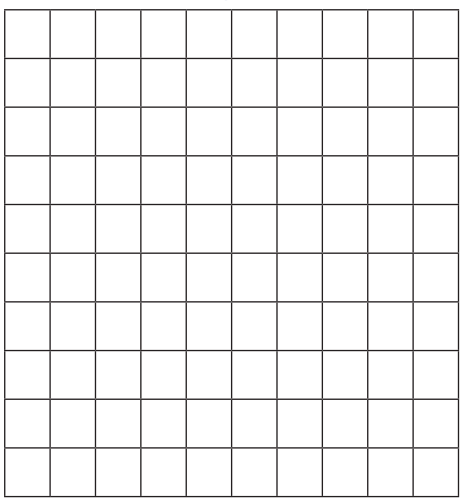
Kunemathayili lasi-6 lalinganako.

| Ngengeta luhlu le-1 ngemathayili lasi-6 ngeluhla. | Ngengeta tinhlu leti-2 ngemathayili lama-3 ngeluhlu. | Ngengeta tinhlu leti-3 ngemathayili lama-2 kuluhlu lunye. |
|---|---|---|
|  |  |  |
| $6 \times 1 = 6$ | $3 \times 2 = 6$ | $2 \times 3 = 6$ |

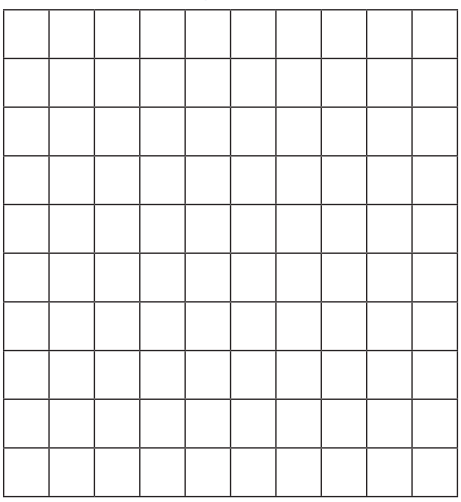
## Nyalo sekulitfuba lakho!

Dvweba emabhuloki kukhombisa kutsi ungawahlela njani emathayili lasi-8 ne-9 lasi kwele. Bhala imishonombolo kumdvwebo ngamunye.

8 tikwele



9 tikwele









## Hlela emathayili lali-12

Thabo unemathayili lasikwele lali-12 kutsi apheve eceleni kwendlu. Msite atfole tindlela langenta ngato loku. Bhala umushonombolo lobonisa indlela ngayinye.

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

## Hlela emathayili langema-24

- Sebentisa legridi lejutjwe ku-5.
- Hlobisa ngetindlela letehlukene kute uvale emabhuloki langema-24.
- Bhala imishonombolo kucatsanisa umdvwebo ngamunye.

## Ngingaphindzaphindza!

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

Teacher:
Sign:
Date:



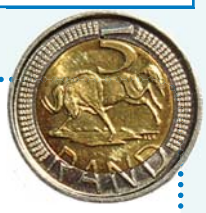
## Balela phambili nasemuva ngeti-5

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

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

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

## Gcogca tindibilishi tabo R5



Bantfwana bakoleka boR5. Baswela kwenta bangakhi boR5?

| | | | | |
|---|---|---|---|---|
| R5 ÷ R5 = 1 indibilishi | R10 ÷ R5 = 2 tindibilishi | R15? ____ | R20? ____ | R25? ____ |
| R30? ____ | R35? ____ | R40? ____ | R45? ____ | R50? ____ |

2 × R5 = R ____

4 × R5 = R ____

3 × R5 = R ____

6 × R5 = R ____

Ngabe uyayibona lephethini?



## Phindzaphindza ngeti-5

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

Cabanga ngekuhlakanipha! Yakha ngetintfo lotatiko!

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

Teacher:
Sign:
Date:





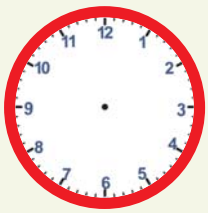
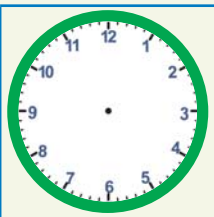
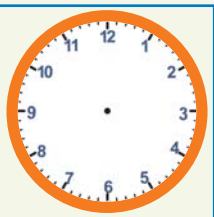
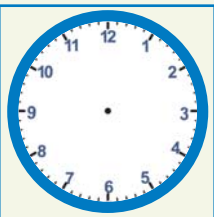
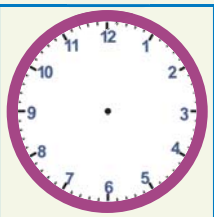
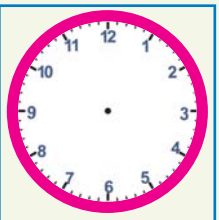
Lusuku: _____

# Kusebenta ngesikhatsi



## Dvweba letikhatsi



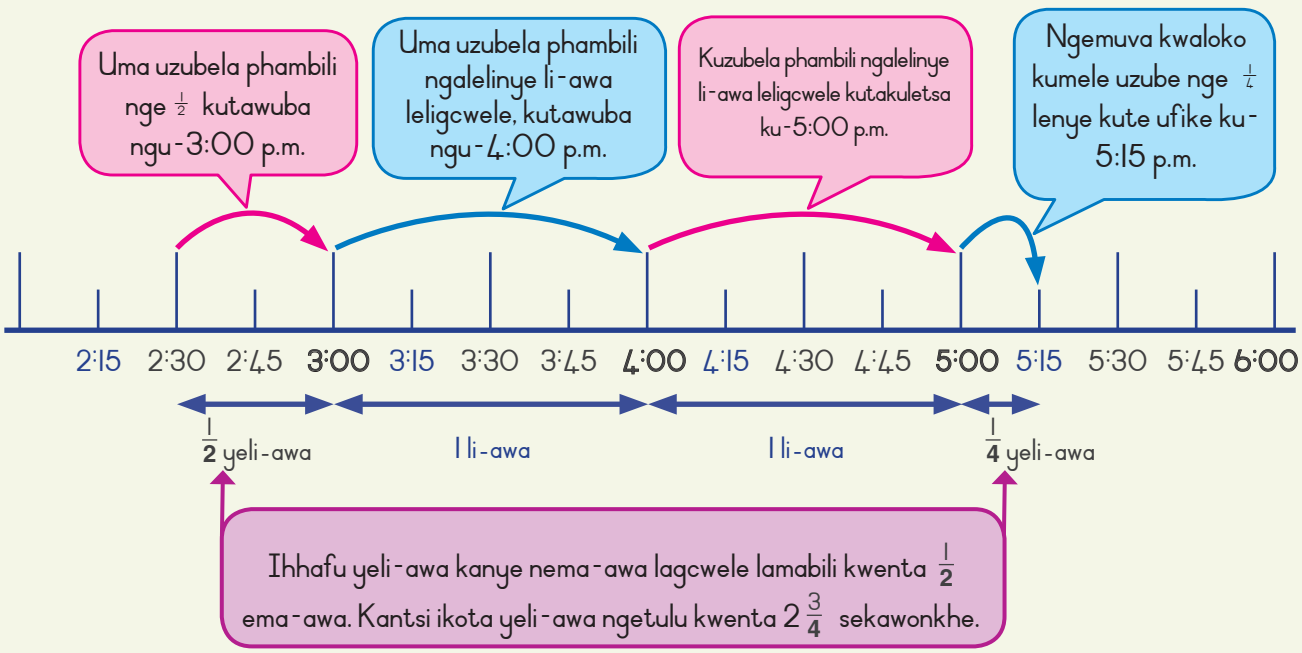
| | | | | | |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| Kugabence insimbi yesi-5 | Kusele emashumi lasihlanu kutsi kushaye insimbi yelishumi nakunye | Imizuzu lelishumi nesihlanu ishayile insimbi yeli-12 | 12:45 | 6:15 | 4:30 |



## Inkinga yesikhatsi

Make waNomsa usuka ekhaya nga-2:30 p.m. Ubuya emuva ekhaya nga-5:15 p.m. Uhambe sikhatsi lesingakanani?

Singasebentisa umugcasikhatsi kubala. Beka umunwe wakho ku-2:30, sikhatsi lekunguso nyalo.





## Tinkinga tesikhatsi

Buka. Catsanisa. Lungisa.

Catulula inkinga ngayinye. Sebentisa imigcasikhatsi kukusita.

a. Queenie uvakashela Babe wakhe emtfolamphilo nga-3:45 p.m. Usuka nga-5:15 p.m.

Uvakashe sikhatsi lesingakanani?

_____



b. Musa uya apaki nga-10:45 a.m.

Ubuya ekhaya nga-12:30 p.m.

Uhambe sikhatsi lesingakanani?

_____

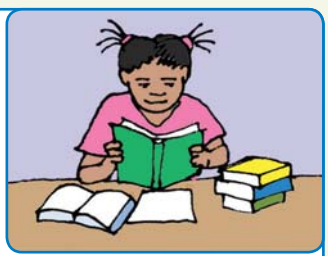


c. Tumi ucala kufundza nga-1:15 p.m.

Ucedza nga-2:45 p.m.

Ngabe Tumi ufundze sikhatsi lesingakanani?

_____



Teacher:

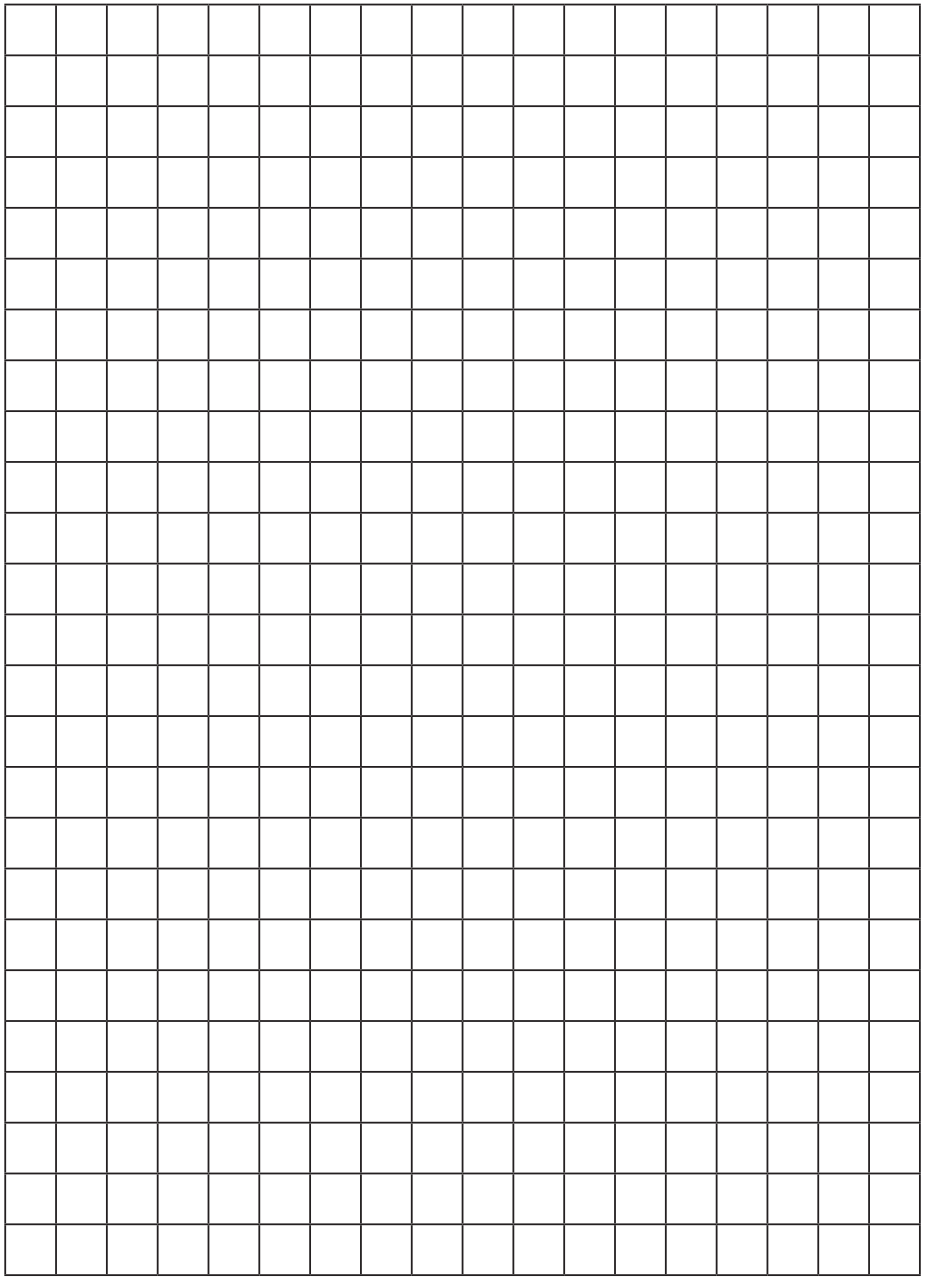
Sign:

Date:

Cut-out 3

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

Cut-out 4



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

Cut-out 5

