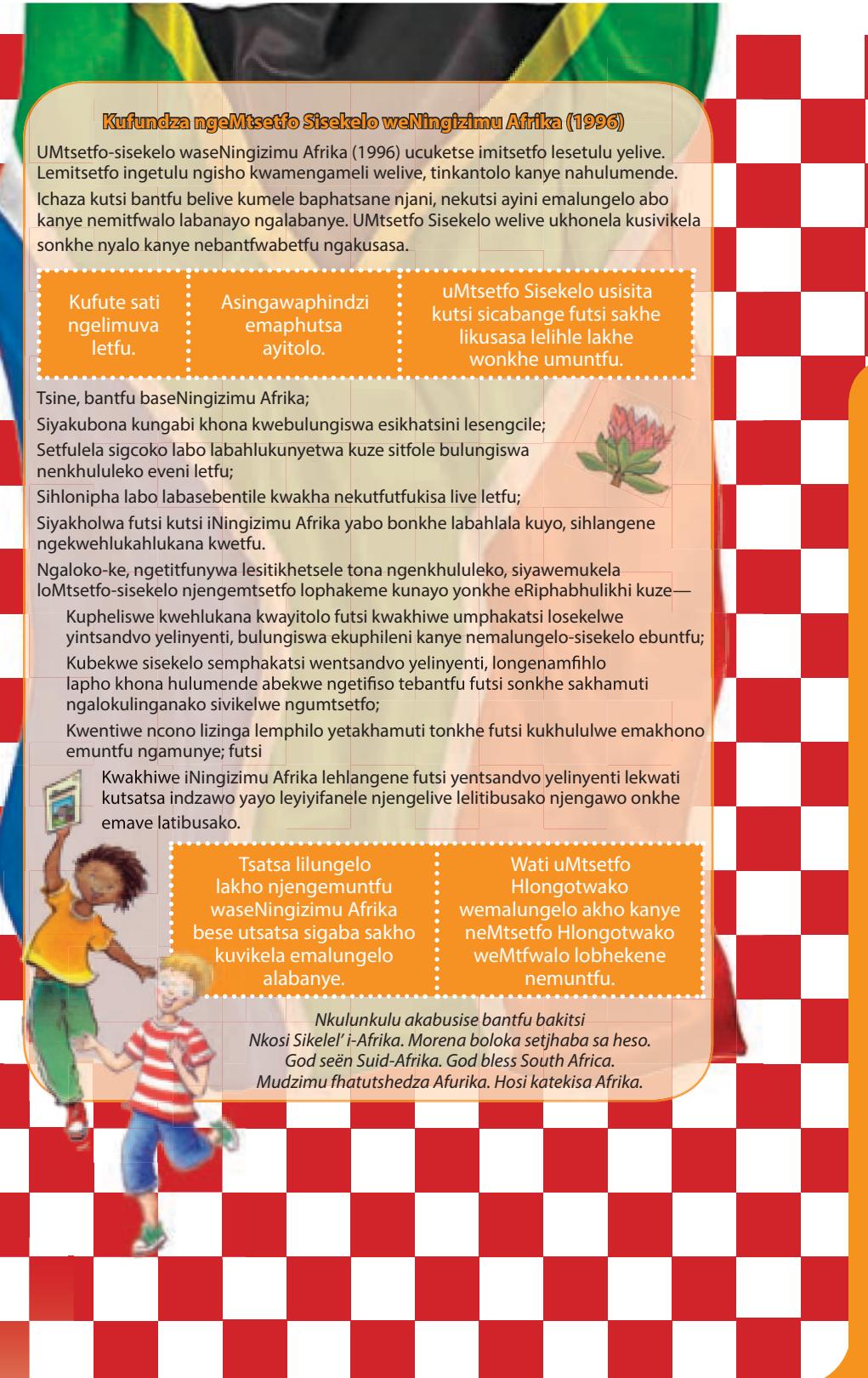


MATHEMATICS IN SISWATI  
GRADE 3 – BOOK 1  
TERMS 1 & 2  
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Likilasi:

Incwadzi |  
Emathemu  
1 & 2

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Nkhskt. Angie Motshekga,  
iNdvuna yeMfundvo Sisekelo



Dkt Reginah Mhaule, Liphini  
iNdvuna yeMfundvo Sisekelo

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

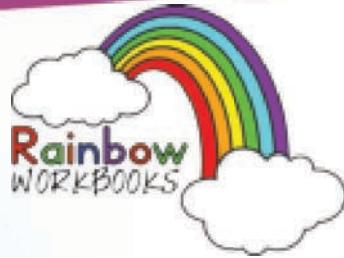
LeTincwadzi Tekusebentela takaRainbow tiyincenyе yemitamo yaleLitiko leTemfundvo Sisekelo yekutfutfukisa bafundzi baseNingizimu Afrika emabangeni ekucala lasitfupha ekufundza. Njengalomunye wemigomo lehamba embili eLuhlelweni lweKusebenta lwaHulumende, lomsebenti ukhokhelwe ngesihle Silulu seTimali saVelonkhe.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

Siyetsema kutsi bothishela batatitfola tilusito kakhulu letincwadzi tekusebentela basafundzisa malanga onkhe kute bafundzi bakhone kucedza luhlelo lwabo lwekfundza. Setame, ngekucopelela lokukhulu, kusita thishela kuleyo naleyo ncenyе yemsebenti, ngekusebentisa timphawu letititfombe kukhombisa umfundzi loko lokumele akwente.

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

Sifisela bothishela nebfundzi imphumelelo basachubeka nekusebentisa letincwadzi tekusebentela.

Libanga 3



T i b a i o  
NGESISWATI

Lencwadzi ya:



SISWATI  
Incwadzi  
I



Lusuku:

.....

Ithemu |



Tingakhi tinkhanyeti?

Catsanisa timphendvulo.



Linganisa kutsi tingakhi tinkhanyeti. \_\_\_\_\_

Nyalo tibale. \_\_\_\_\_



Tfola lophumelele!

Ngubani lolinganise kancono? Gcwalisani emagama enu netimphendvulo kulelithebula.

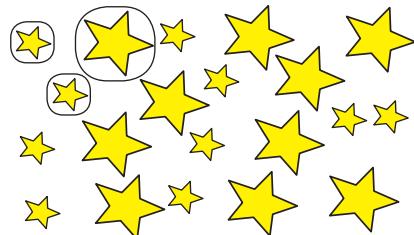
Ligama				
Linganisa				
Inombolo lebaliwe				
Umehluko emkhatsini wekubekisa kwakho nekubala kwakho				



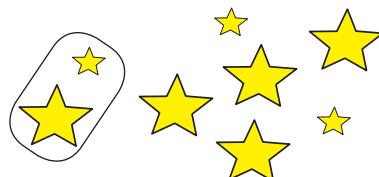
Tindlela tekubala. Sisite kutibhala phansi.



Ngibale  
ngaku-1  
ngaku-1.



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



Ngibale  
ngaku-2.

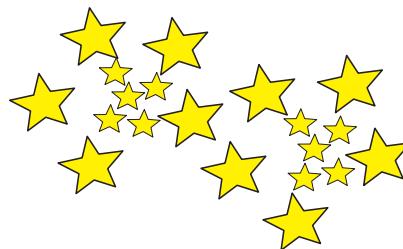


Ngibale  
ngeti-5 ngase



5, \_\_\_\_\_  
\_\_\_\_\_

2, \_\_\_\_\_  
\_\_\_\_\_



Ngibala  
ngema-10.



### Bhala imishotinombolo

Bala samba selinani letinkhanyeti letinkhulu naletincane esitfombeni ekhasini 2.

Kukhulu



Kuncane



ngalendlela



nobe

ngalendlela



futsi njengemushonombolo.

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

nobe \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_



Uma uhlanganisa nobe ngutiphi  
tinombolo letimbili akukhatsaleki  
kutsi tihleleke njani.



Teacher:  
Sign:  
Date:

11 12 13 14 15 16 17 18 19 20

2

Lusuku:

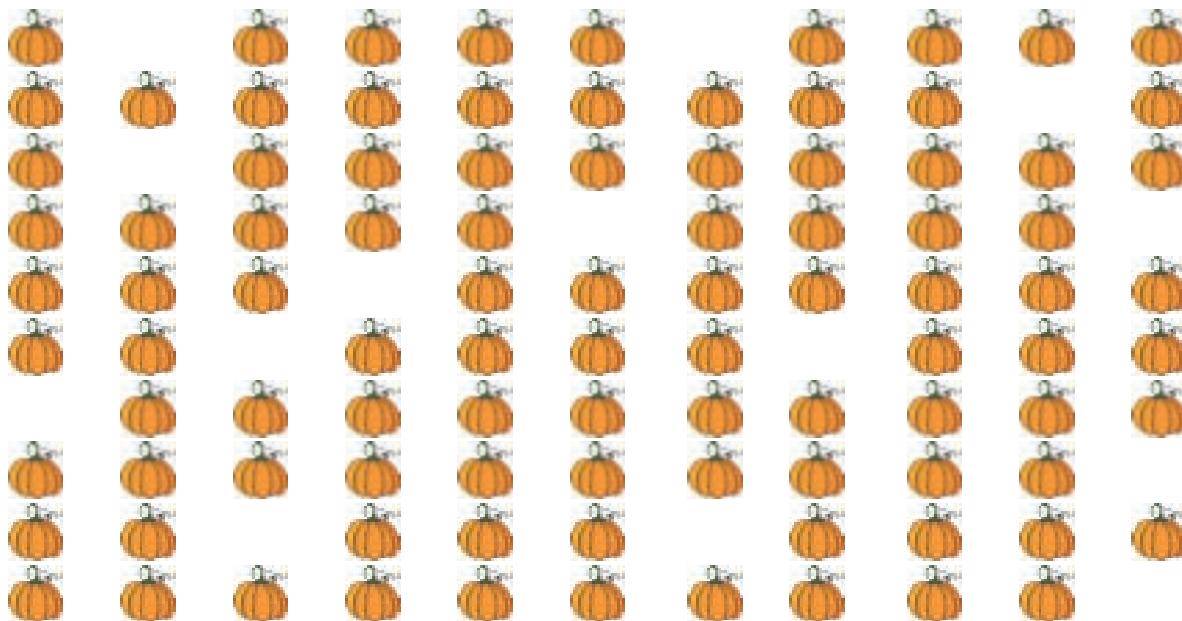
Ithemu |



## 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)

Cedzela lemishonombolo.

Sibonelo:

$$10 + 10 + 10 + 10 = 40 \Rightarrow 4 \text{ emacembu ema-}10 = 40 \Rightarrow 4 \times 10 = 40$$



a.  $10 + 10 + 10 = \underline{\hspace{2cm}}$

$$\underline{\hspace{2cm}} \text{ emacembu ema-}10 = \underline{\hspace{2cm}} \Rightarrow \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



b.  $10 + 10 + 10 + 10 + 10 + 10 + 10 = \underline{\hspace{2cm}}$

$$\underline{\hspace{2cm}} \text{ emacembu ema-}10 = \underline{\hspace{2cm}} \Rightarrow \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



Tandla neminwe



Tingakhi tandla?        Mingakhi iminwe?       

Bhala imphendvulo yakho ngetindlela leti-2.

$$\underline{\hspace{2cm}} \text{ emacembu ema-}10 = \underline{\hspace{2cm}} \text{ na } \underline{\hspace{2cm}} \times 10 = \underline{\hspace{2cm}}$$



Teacher:  
Sign:  
Date:

11 12 13 14 15 16 17 18 19 20  
||||| ||||| ||||| ||||| |||||

3a

Lusuku:

.....

## Tinombolo ebhodini lelikhulu

Ithemu |



Kukhulumama tinombolo

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

1	2	3	4	5	6	7	8	9	10
II									
							27		
				34					
41									
					55				
		63							
71									
					86				
			94						100



- Bhala inombolo lengekho esibayeni lesilingangane ngasinye.
- Bhala naleletinye tinombolo.
- Luhlobo luni lwetinombolo letinombolo letimtfubi?



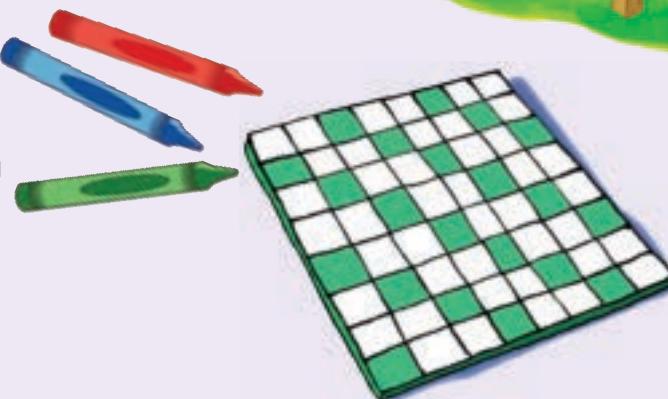
Bhala letinombolo ngemagama.

90	emashumi layimfica	41	
77		56	
14		65	



Kubala nekufaka umbala

Lungela kubala nekufaka umbala!



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

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

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

Bala uphindze uvale  
ema-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 e-100.

Bala ngeti-5 kusuka  
ku-5 kuya e-100.

Bala ngaku boku-2 kusuka  
ku-2 kuya e-100.

Bhala ngema-10 kusuka  
ku-10 kuya e-100.

Bhala ngeti-5 kusuka  
ku-5 kuya kuma-80.

Bhala ngaku-2 kusuka  
ku-2 kuya e-100.



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

11 12 13 14 15 16 17 18 19 20

**3b**

Lusuku:

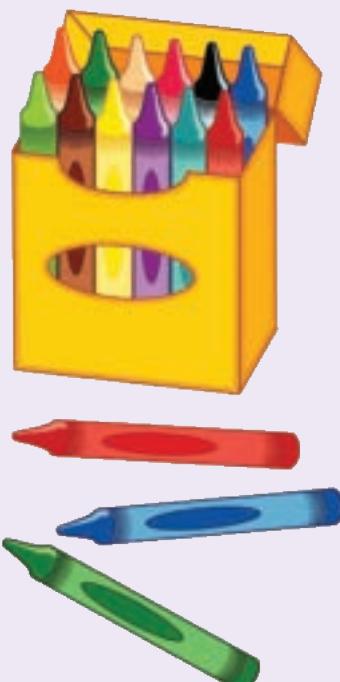
Ithemu |

## Tinombolo kugridi (siyachubeka)



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



Faka lumphawu (✓) kuwo onkhe ema-10.

Faka siphambano (✗) kuto tonkhe ti-5

Kipilitela (○) bonkhe bo-2

Bhala tinombolo letingena kuphethini yaku-2 nakuphethini yeti-5.

---



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## 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:

Ithemu |



Khombisa tinombolo takho.

Ngcovota lamakhadi etinombolo kusuka lokujutjiwe l.

Sebentisa lamakhadi kwakha letinombolo.

1q

43

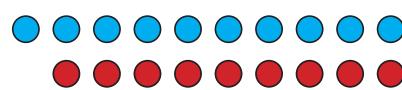
6q

54

35

1 0  
q

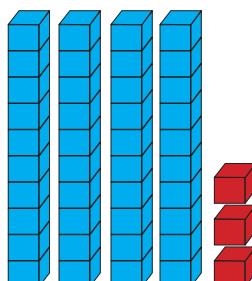
1q



1 0  
q

$$10 + q = 1q$$

43



1 0  
1 0  
1 0  
1 0  
3

$$40 + 3 = 43$$

Ase utentele letinombolo usebentise lokujutjiwe l.

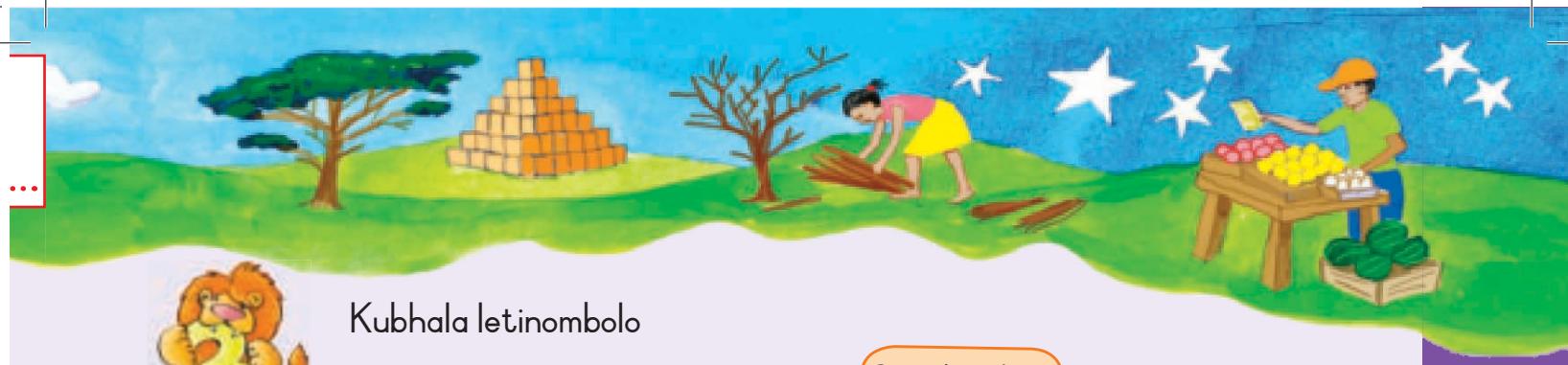
54

35

6q

10

1 2 3 4 5 6 7 8 9 10



Kubhala letinombolo

Sikwentele yekucala

Singasho nekutsi  
q wabo l.

Iq	$10 + q$	$1 \text{ Lishumi} + q \text{ emayunithi}$	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 kulenkulu kakhulu.

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

5

Lusuku:

.....

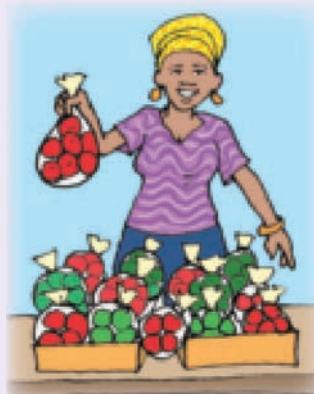
Ithemu |



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 leminye imishonombolo lesihlanu kukhombisa imphendvulo lefanako.  
 $15 - 9 = 6$  \_\_\_\_\_



Kutejwayeta kubala tinombolo  $1 + 2 = 3$

Bhala timphendvulo.

Sebentisa ...  
+ - =

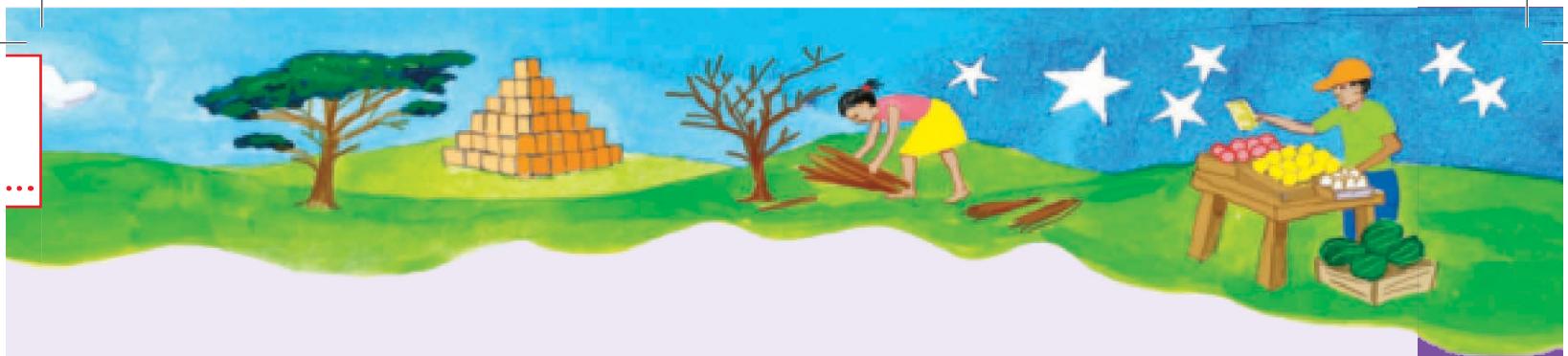
$10 + 5 =$ <input type="text"/>	$11 + 6 =$ <input type="text"/>	$14 - 9 =$ <input type="text"/>	$14 - 8 =$ <input type="text"/>
$11 + 5 =$ <input type="text"/>	$17 + 2 =$ <input type="text"/>	$19 - 7 =$ <input type="text"/>	$14 - 5 =$ <input type="text"/>
$12 + 6 =$ <input type="text"/>	$3 + 13 =$ <input type="text"/>	$16 - 5 =$ <input type="text"/>	$16 - 13 =$ <input type="text"/>
$17 + 2 =$ <input type="text"/>	$4 + 15 =$ <input type="text"/>	$15 - 10 =$ <input type="text"/>	$19 - 7 =$ <input type="text"/>



Iminden'i yetinombolo  5  9  14

Nati tibonelo talomndeni-nombolo.

$9 + 5 = 14$	$5 + 9 = 14$
$14 - 9 = 5$	$14 - 5 = 9$



Ungayit folo yini yonkhe iminden - 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

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



Teacher:  
Sign:  
Date:

11 12 13 14 15 16 17 18 19 20

b



Lusuku:

Ithemu |



## Kuphindza kibili nekuhhafula

Uyakhumbula?

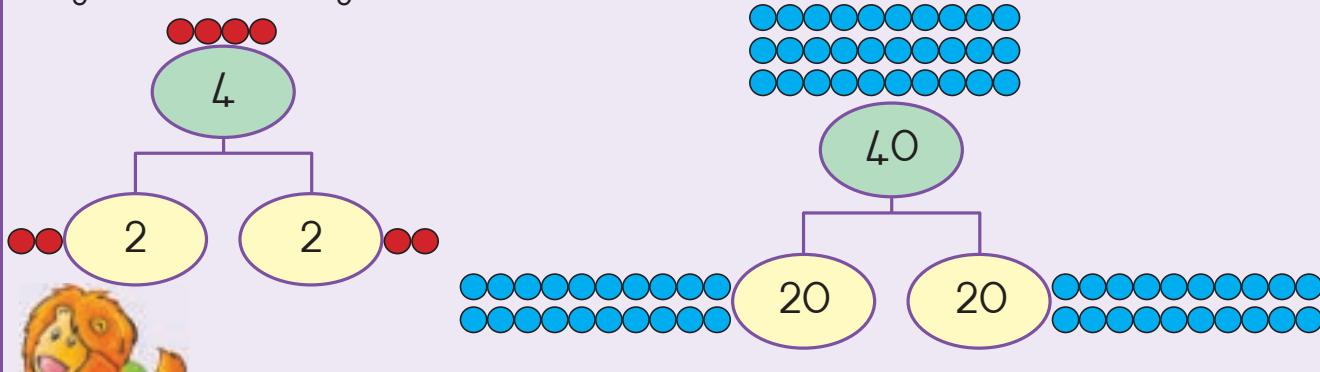
2 yihhafu ya-4

4 kuphindza kibili ku-2

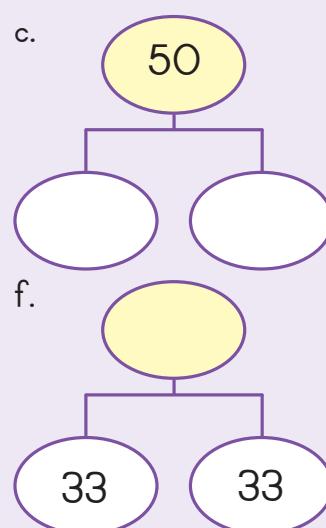
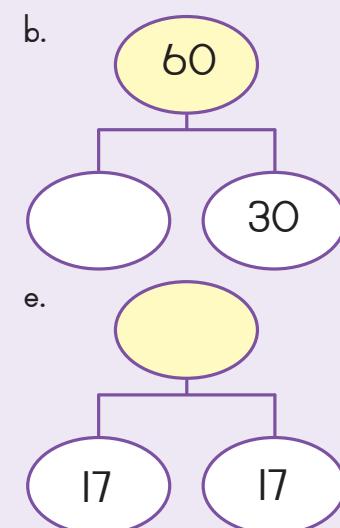
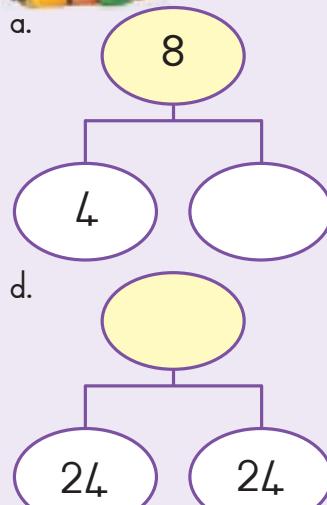
20 yihhafu ye-40

40 kuphindza kibili ema-20

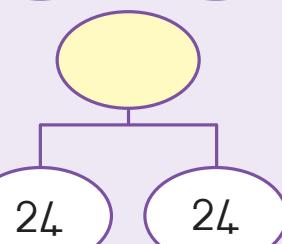
Singakukhombisa loku ngekudvweba ...



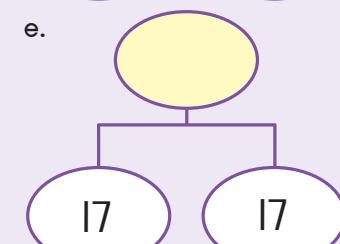
Tfola letiphindvwe kibili nobe emahhafu



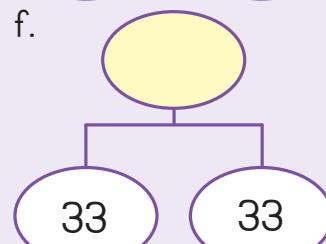
d.



e.



f.



Insayeya

Tfola ihhafu ya 3.

Khombisa njengenombolo noma ligama-nombolo.

Umdvwebo ungahele ukusite.



Phindza letinombolo usebentisa imigcanombolo.  
Uniketiwe sibonelo sekucala.

Phindza 4

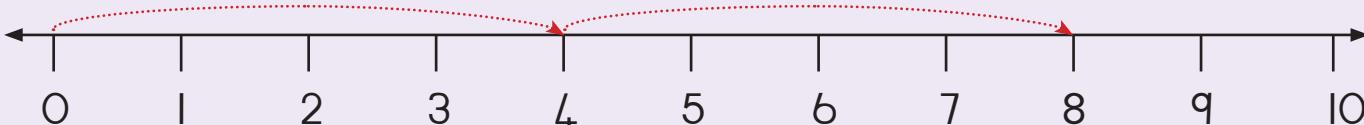
4

+

4

=

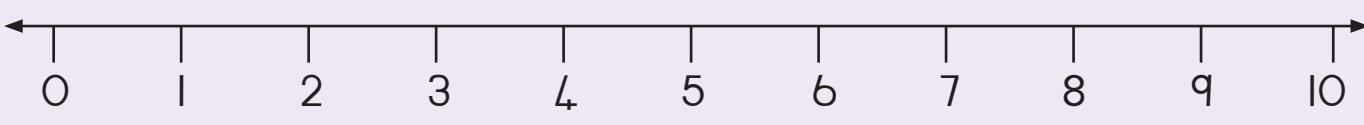
8



Phindza 5

+

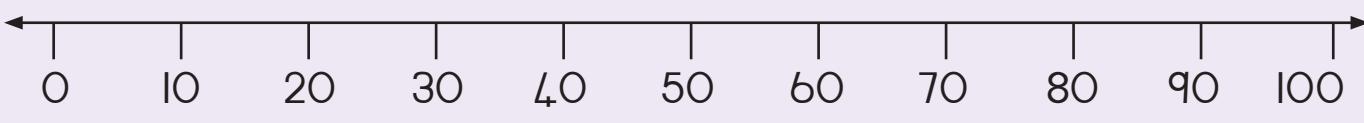
=



Phindza 20

+

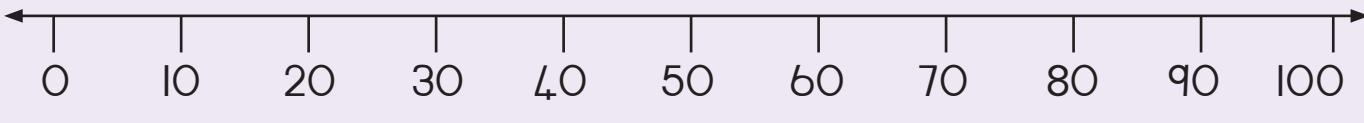
=



Phindza 40

+

=



Cedzela loku lokulandzelako

a. Phindza 1	<input type="text"/> 2
b. Phindza 6	<input type="text"/>
c. Phindza 10	<input type="text"/>
d. Phindza 30	<input type="text"/>
e. Phindza 50	<input type="text"/>



Cedzela loku lokulandzelako

a. Hhafula 6	<input type="text"/> 3
b. Hhafula 8	<input type="text"/>
c. Hhafula 14	<input type="text"/>
d. Hhafula 60	<input type="text"/>
e. Hhafula 70	<input type="text"/>



7



Lusuku:

Ithemu |

## Emafrakishini

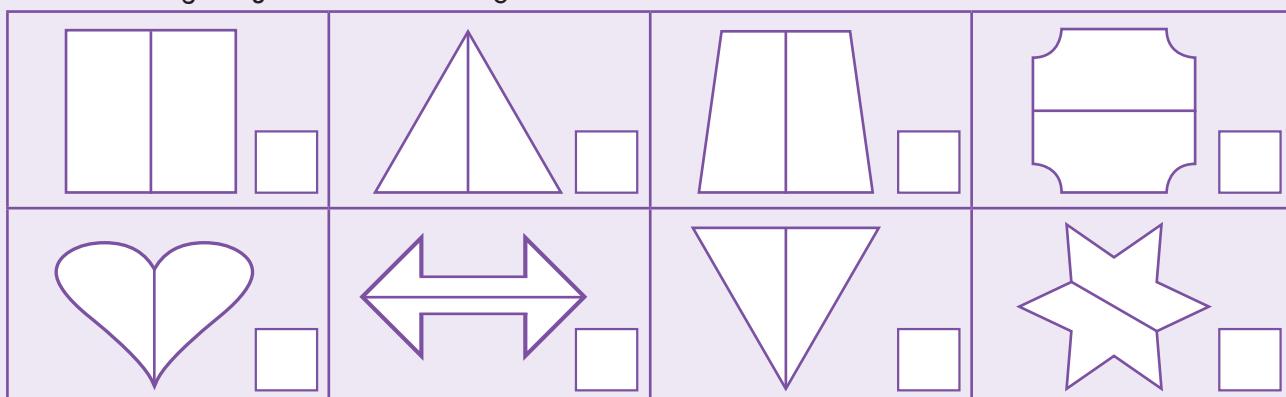
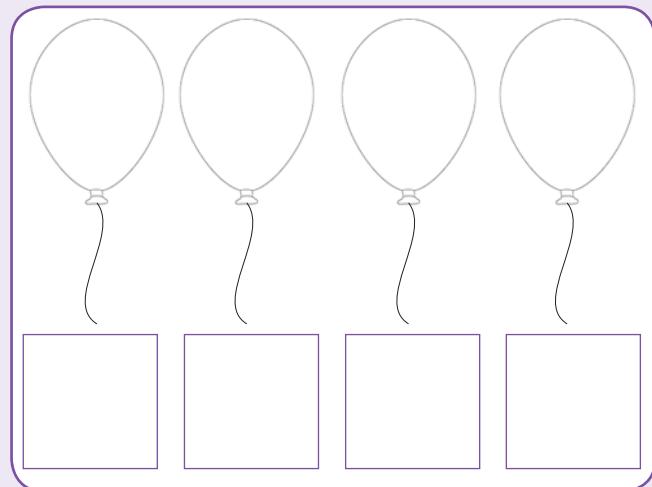
Faka umbala lobovu ekoteni yinye yemabhaluni,  
kulawa lamanye ufake lolingangane.

Faka umbala lobovu ehhafini yelibhoksi ngalinye.



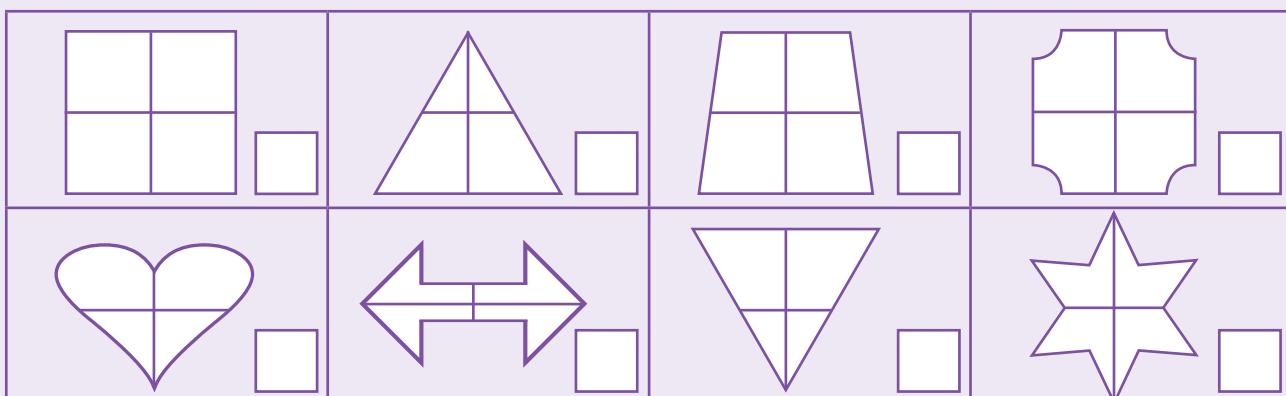
Bukisia bobunjwa. Faka lumphawu  
bobunjwa labakhomba bohhafu.

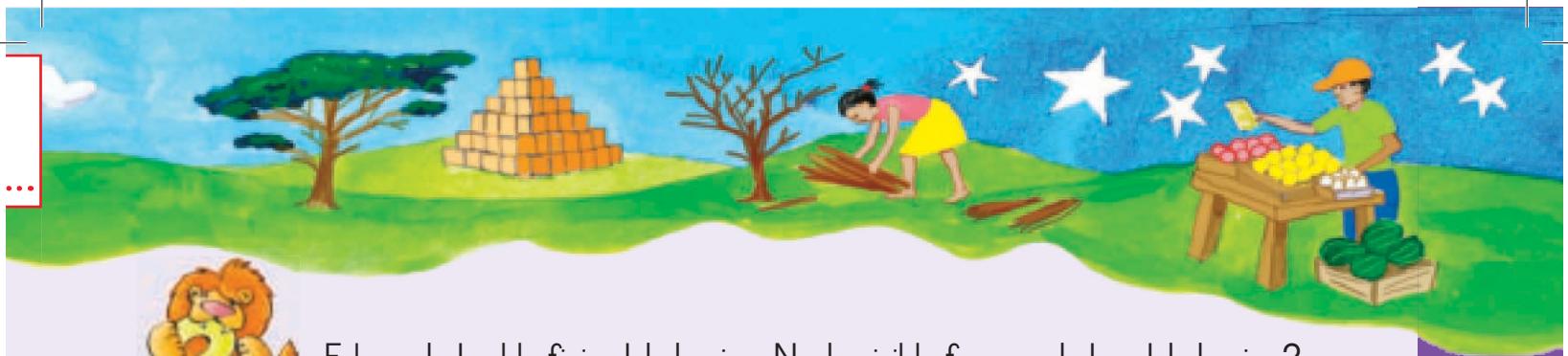
Faka umbala ehhafini yinye  
yabunjwa lohlukaniswe ngabohhafu.



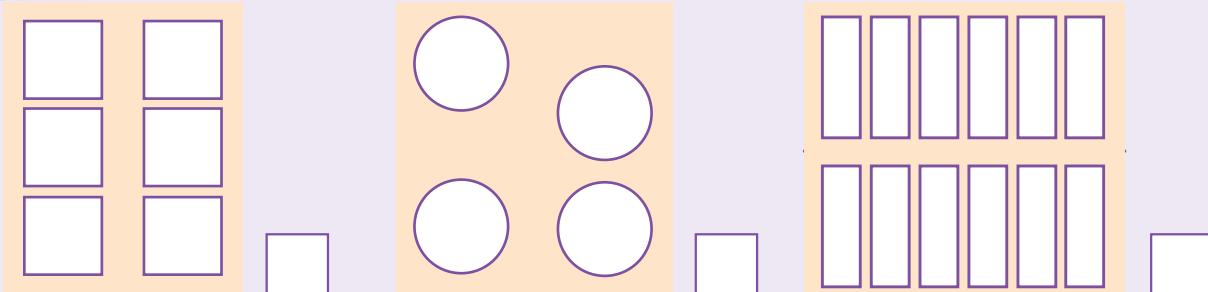
Bukisia labobunjwa. Faka lumphawu bobunjwa labakhomba emakota.

Faka umbala ekoteni yinye kuloyo naloyo bunjwa lohlukaniswe ngemakota.

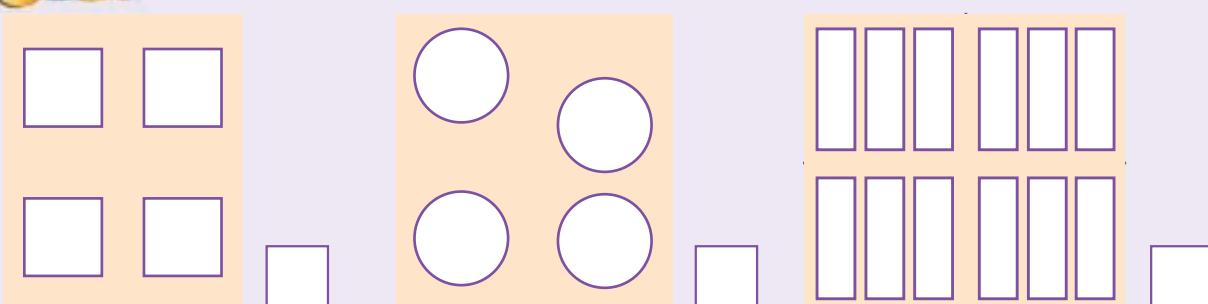




Faka umbala ehhafini yalabunjwa. Ngubani ihhafu yenombolo yalabunjwa?



Faka umbala ekoteni yalabunjwa. Ngubani ikota yenombolo yalabunjwa?

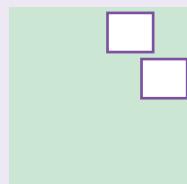
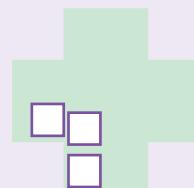
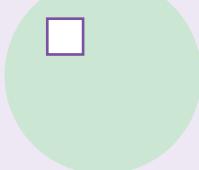
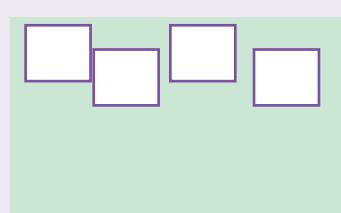
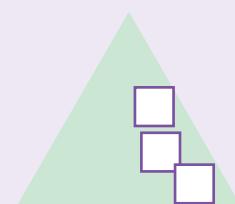
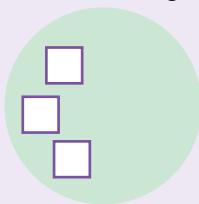


Bhalo usebentisa inkomba yefrakishini.

Ihhafu

Ikota

Dwweba labanye bobunjwa kwenta labohhafu balingane.



11 12 13 14 15 16 17 18 19 20

8

Lusuku:

Ithemu |



### Esitokifeleni

Make LaLubisi ubala futsi ehlukanise imali ecenjini.



Linganisa linani leliphelele. R \_\_\_\_\_

Catsanisa tilinganiso nemathothali.

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



### Konga imali

Gugu wongela emapheya eticatfulo letibita R89.

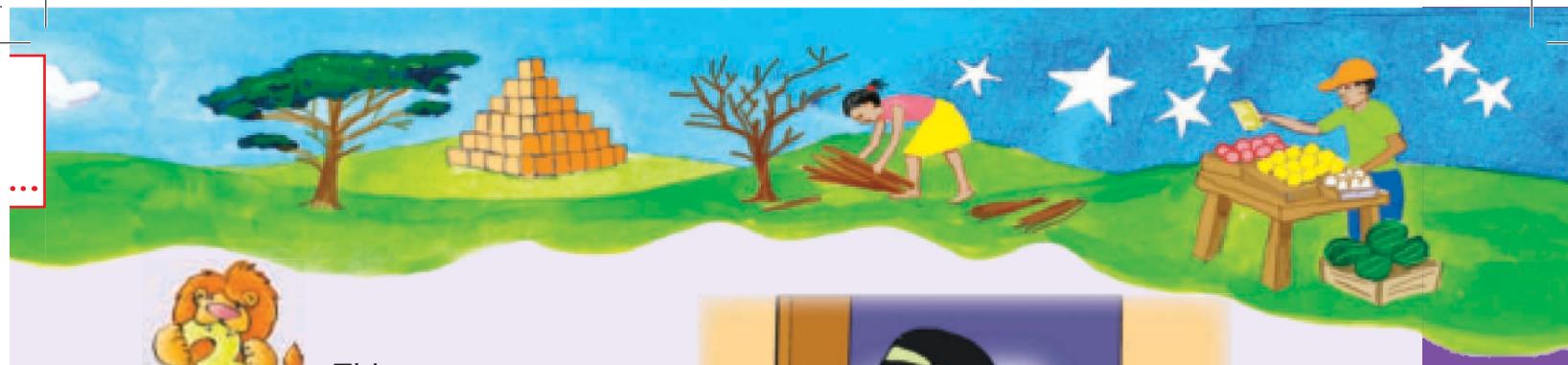
Kwanyalo unehhafu yalelinani.

Weswela malini ngetulu?

Bhala umushonombolo kukhombisa imphendvulo yakho.



\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_



## Ebhange

Maria upakisha imali yemaphepha  
ngetincumbi teti-5.

Unemali yemaphepha lesele.

Bhala emathothali esitfombe ngasinye.



Linani

	R _____
	R _____
	R _____



## Insayeya

Kuvakasha eZu

Bantfu labadzala nebantfwana baya eZu.

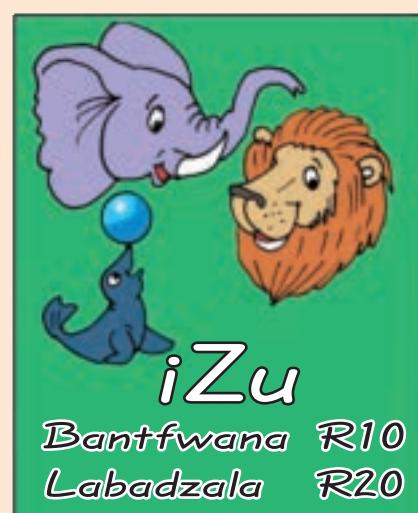
Batsenga emathikithi ngema-R90.

Bangakhi bantfwana? \_\_\_\_\_

Bangakhi labadzala? \_\_\_\_\_

Ngabe ikhona lenye imphendvulo?

Labadzala \_\_\_\_\_ Bantfwana \_\_\_\_\_



Teacher:  
Sign:  
Date:

q

Lusuku:

Ithemu |



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 __, __, __, __



Bhala tinombolo letilandzelako kuphethini ngayinye. Chubeka u fake umbala kuphethini. Yini loyibonako ngemaphethini lanembala munye?

Kubala ngesihlanu.

	5		10				

Kubala ngakubili.

2	4						

Kubala ngakutsatfu

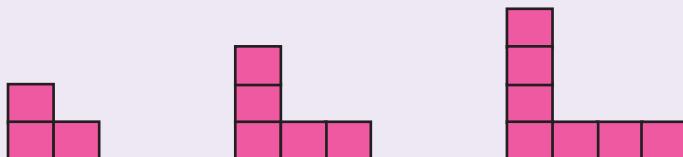
	3	6					

Kubala ngalokulishumi

							10



Nweba lephethini

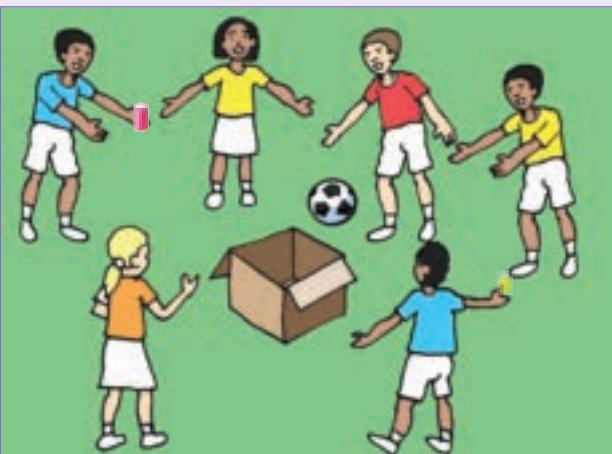


10

Lusuku:

Ithemu |

## Emabhola, emabhokisi nemibhoshongo



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



Faka umbala emphendvulweni lengiyo.



Libhokisi

kuyashelela

kuyagicika



Isilinda

kuyashelela

kuyagicika



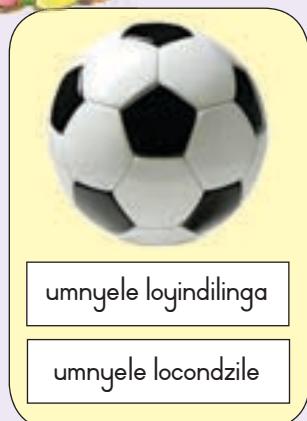
Ibhola

kuyashelela

kuyagicika



Faka umbala emphendvulweni lengiyo.



umnyele loyindilinga

umnyele locondzile



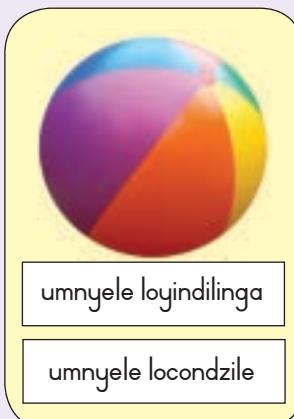
umnyele loyindilinga

umnyele locondzile



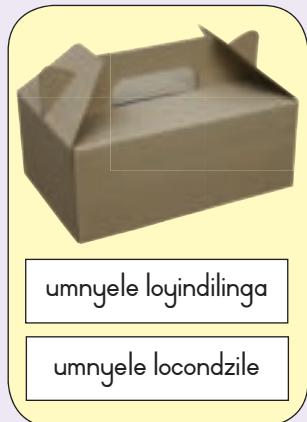
umnyele loyindilinga

umnyele locondzile



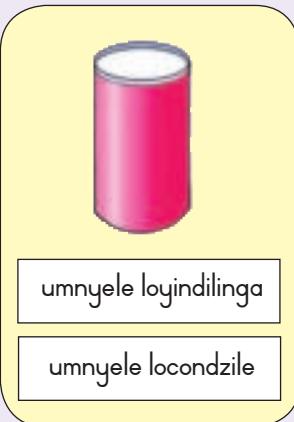
umnyele loyindilinga

umnyele locondzile



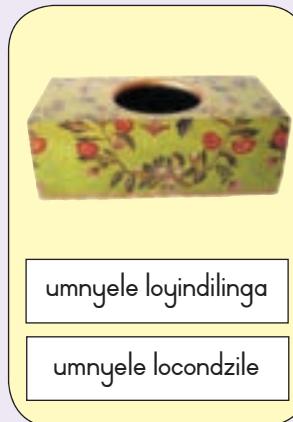
umnyele loyindilinga

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

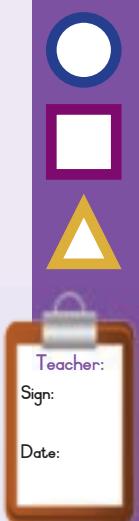


ngemuva

embikwe

eceleni  
kwe

etukwe



Teacher:

Sign:

Date:



Lusuku:

.....

Ithemu |



## Dvweba, unikete ligama, bese ucatsanisa labobunjwa bebusobubili (i2D)

Dvweba bobunjwa

Calantsatfu

Indilinga

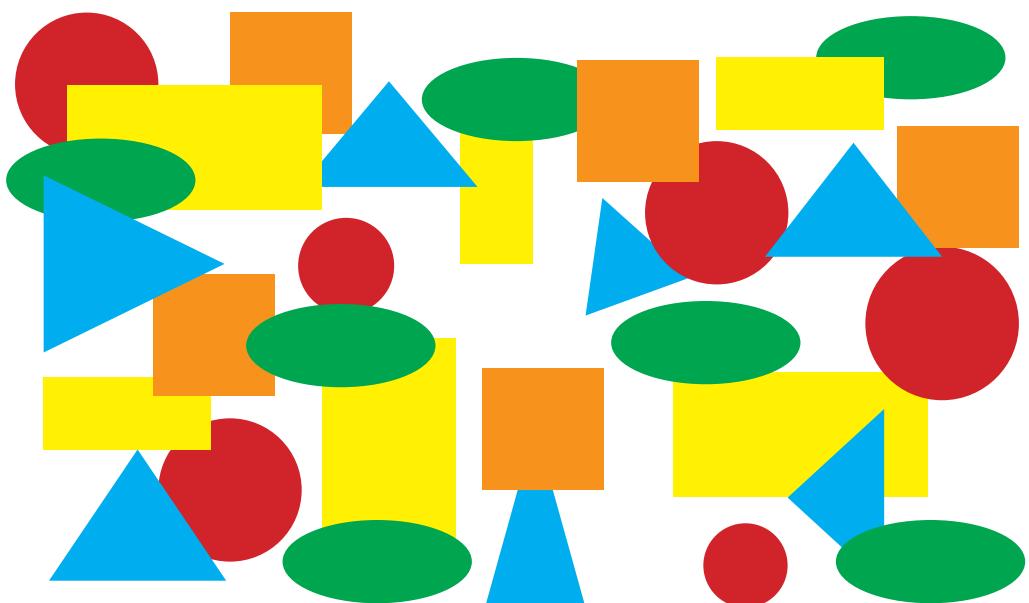
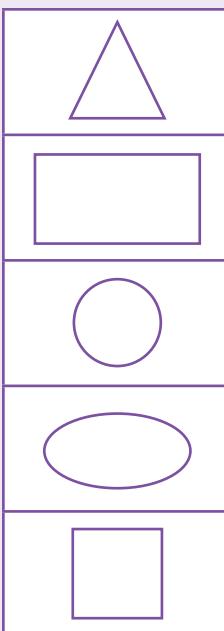
Sikwele

Calandze



Bala labobunjwa

Bala kutsi bangakhi bobunjwa labafana nalona longabatfola kulesitfombe.

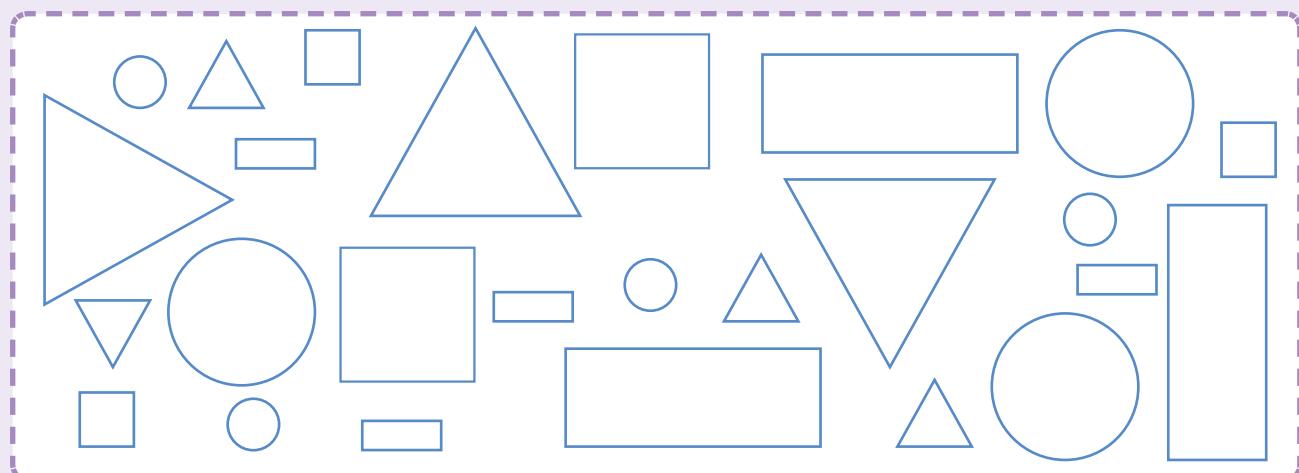




## Faka umbala



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



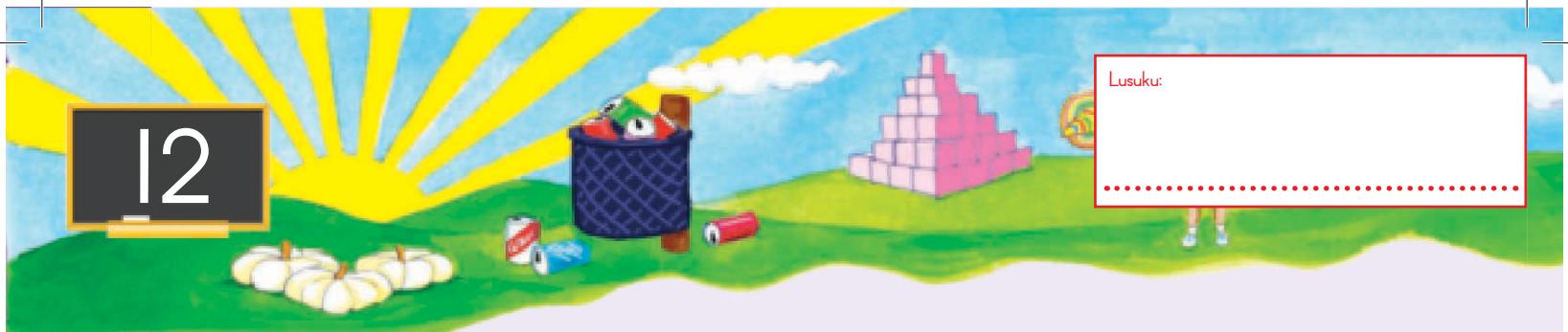
## Mangakhi emacala?

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

kucondzile	indilinga	kucondzile	indilinga	kucondzile	indilinga
kucondzile	indilinga	kucondzile	indilinga	kucondzile	indilinga

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

12



Lusuku:

Ithemu |



## 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 urike ekugcineni.



Mingakhi imizuzu loyibalile? \_\_\_\_\_

Mingakhi imizuzu e-aweni li-? \_\_\_\_\_



## Bhala sikhatsi

Dvweba tandla kukhombisa tikhatsi.



lishumi nesihlanu  
emva kwa 6



igabence yesi 8



lishumi nesihlanu  
embi kwa 11



lishumi nesihlanu  
emva kwa 5



Tumi uya esikolweni.



Usuka ekhaya.



Ufika esikolweni.

Ngabe Tumi utsatsa sikhatsi lesingakanani? \_\_\_\_\_



### Lilanga lekubhaka

Maria ubhaka sinkhwa.



Sinkhwa singena  
ku-avini.



Sinkhwa  
siyaphuma.



Sinkhwa sibhakeka imizuzu le \_\_\_\_\_.



### Insayeya

Kusikhatsi lesiphindziwe

- a. Gucula lama-awa aye kumizuzu.

Ema-awa	1	2	4	8
Imizuzu	60			

Ngikhona kubona  
iphethini.



- b. Jabu utsatsa imizuzu lengema - 45 kufika esikolweni. Tumi utsatsa sikhatsi lesiphindvwe kibili kulesi. Ngabe Tumi utsatsa ema-awa lamangakhi kufika esikolweni? \_\_\_\_\_



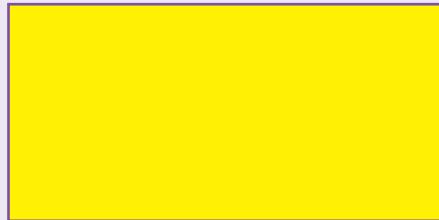
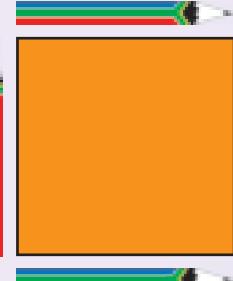
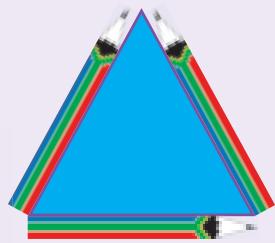
Teacher:  
Sign:  
Date:

13

Lusuku:

Ithemu |

## Kukala libanga



Sekawonkhe  
lamacala  
alocalantsatfu  
angemapeniseli  
lama-3 budze.

Sekawonkhe  
lamacala  
alesikwele  
angemapeniseli  
lama-4 budze.



Engabe localandze  
unganani budze  
nebubanti?

Tingakhi tipeniseli letingangena ngebudze kulocalandze?

Tingakhi tipeniseli letingangena ngebubanti kulocalandze?

Budze



Bubanti

Utisebentise kanjani tipeniseli kubala?

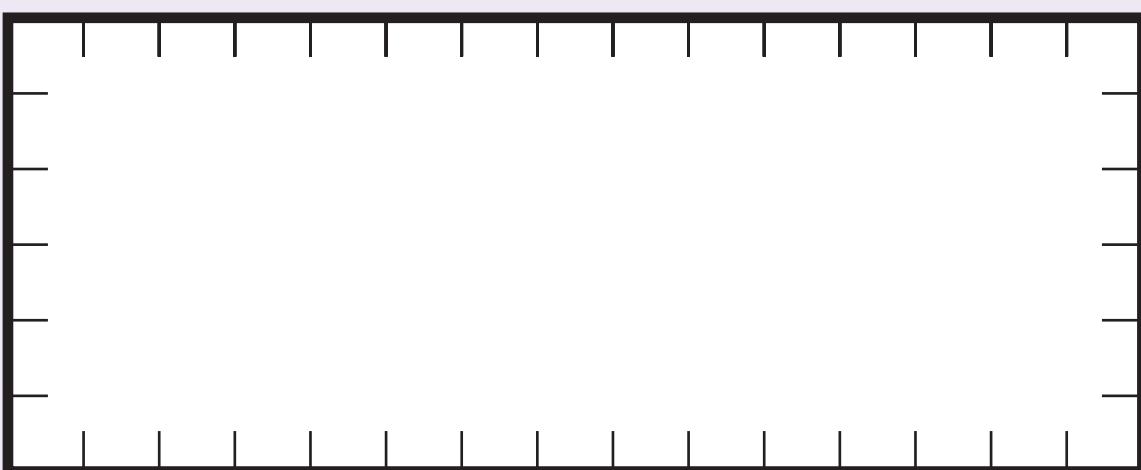


## Budze lobuyimfihlo

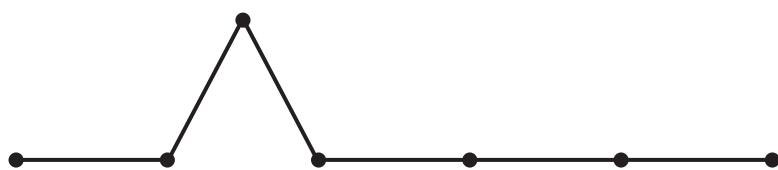
- a. Mingakhi imigca lebovu loyidzingako kumbonya lomugca lomnyama?



- b. Mingakhi imigca lebovu loyidzingako kuhamba ugegelete wonkhe localandze?



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



Impendvulo \_\_\_\_\_

Kungani? \_\_\_\_\_



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

14

Lusuku:

## Ithemu |



## Umtsamo

Lesikotela singatsatsa tinkomishi letili-10 temanti. Sevele ngifake letimbili tipunu kulenkomishi.

Kusele tingakhi tinkomishi temanti kutsi lesikotela sigcwale?

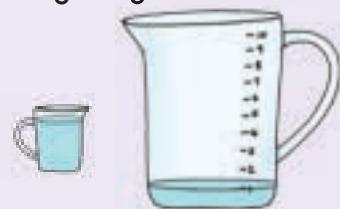
---



Tingakhi tinkomishi temanti letikulesikotela?

Sidzinga tingakhi tinkomishi kutsi sigcwali se lesikotela?

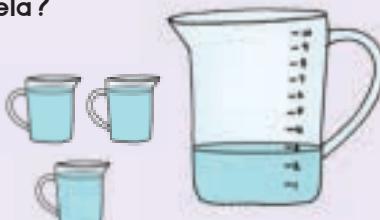
a.



Esikoteleni

Sidzinga lokungetulu

b.



Esikoteleni

Sidzinga lokungetulu

c.



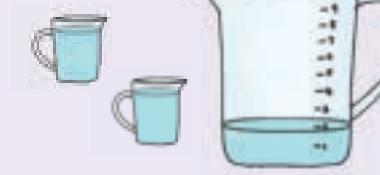
d.



e.



f.



Sidzinga lokungetulu

Esikoteleni

Sidzinga lokungetulu

Esikoteleni

Sidzinga lokungetulu

Esikoteleni

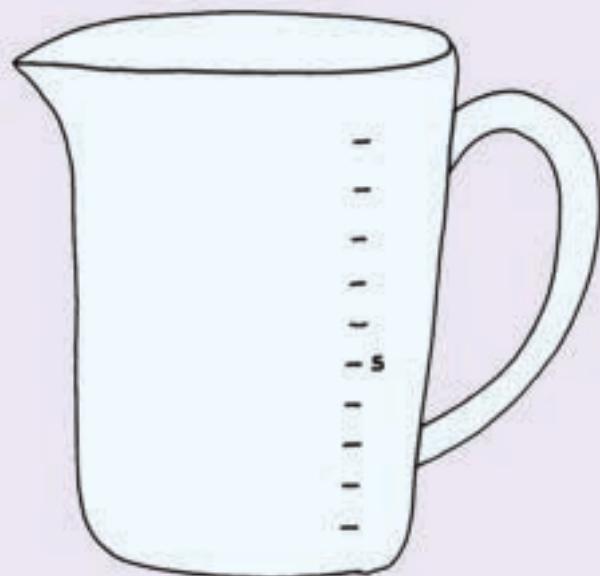
Sidzinga lokungetulu

Esikoteleni

Sidzinga lokungetulu



Bhala letigaba temikhatsi kulelijike lekukala. Sikhombise sigaba 5.



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

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



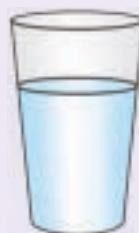
Faka lumphawu tikotela letimumatsa ilitha yinye yemanti.













Teacher:  
Sign:  
Date:

15



Lusuku:

Ithemu |



Asilinganiseni sisindvo setfu!

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

Silinganiso sisindvo ngemak**khilogramu**. Sisebentisa lesifinyeto: kg.

Ngubani lonesisindvo lesikhulukati?



41 kg



38 kg



41 kg



42 kg

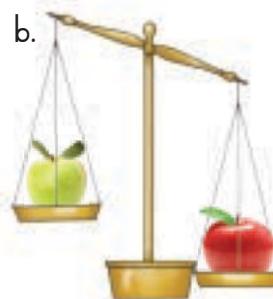
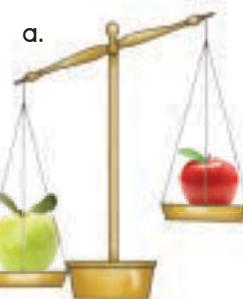


39 kg



Sisebentisa sikali - masimama kukala sisindvo.

Kulesikali omabili  
emahhabhula esindza  
ngekulingana.



Phendvula umbuto: bhala a noma b.

Ngukusiphi sikali lapho khona lihhabhula leliluhlata  
limatinyana kunelihhabhula lelibovu

Ngukusiphi sikali lapho khona lihhabhula leliluhlata  
limalulana kunelihhabhula lelibovu

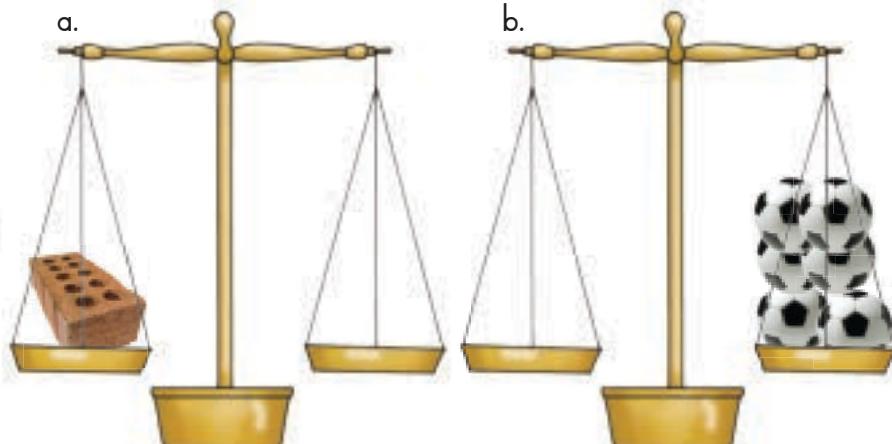


Linganisa sikali.

Sikwentele kwekucala.



Dvweba kutsi tingakhi titini noma emabhola lowadzingako kwenta letikali tisimame.



Nangabe liphasela linye linesisindvo lesingu 3 kg, emaphasela lama - 2 nama - 3 atawusindza kangakanani?



a. 2 emaphasela \_\_\_\_\_

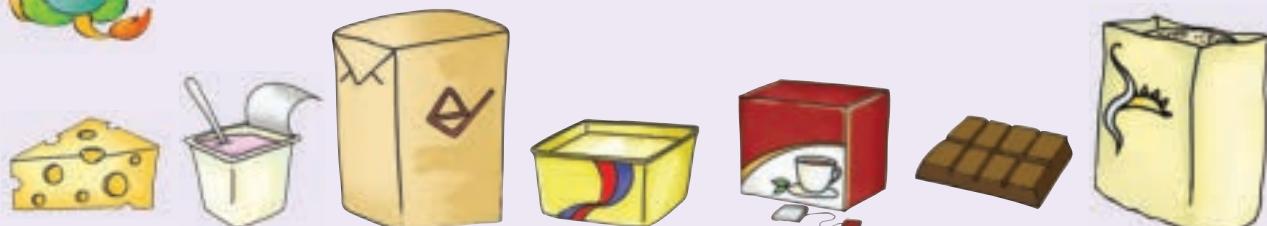
b. 3 emaphasela \_\_\_\_\_

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

Usho ngani? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Faka lumphawu ebhulokini yemphendvulo lenetintfo letinesisindvo sa 1 kg.





Lusuku:

Ithemu |



## 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.

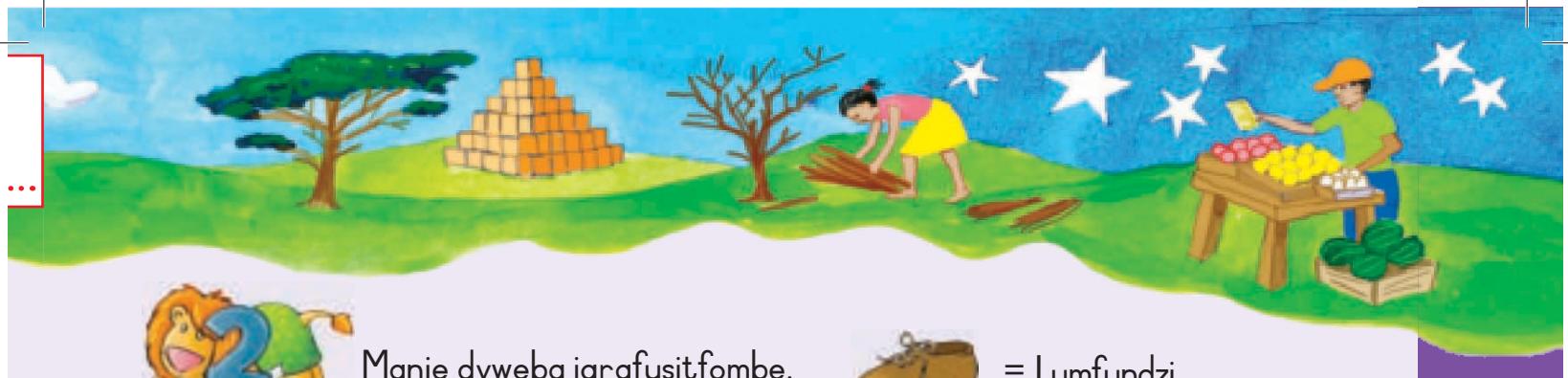
Make Khoza: Bala, bese ubhala kutsi mangakhi emasayizi ngayinye etafuleni.

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



Manje dvweba igrafusitfombe.



= I umfundzi

Isayizi 1	Isayizi 2	Isayizi 3	Isayizi 4	Isayizi 5	Isayizi 6



Nyalo phendvula lemibuto.

- Bafundzi labanyenti bagcoka yiphi isayizi yeticatfulo \_\_\_\_\_.
- Linani lelincane ligcoka isayizi \_\_\_\_\_.
- \_\_\_\_\_ webantfwana bahlanganye kulumkamo.



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:

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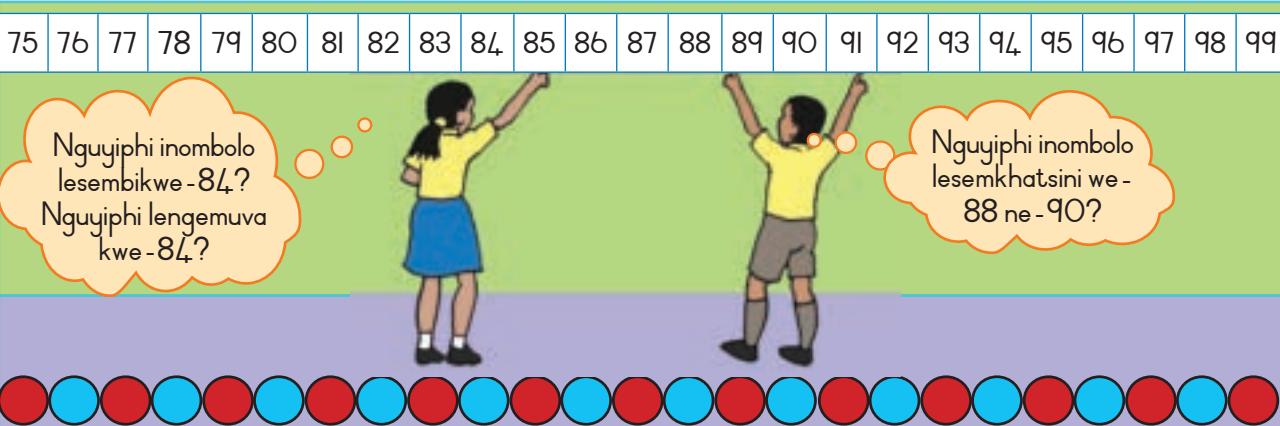


Lusuku:

.....

Ithemu |

## Catsanisa uphindze uhlelembise tinombolo

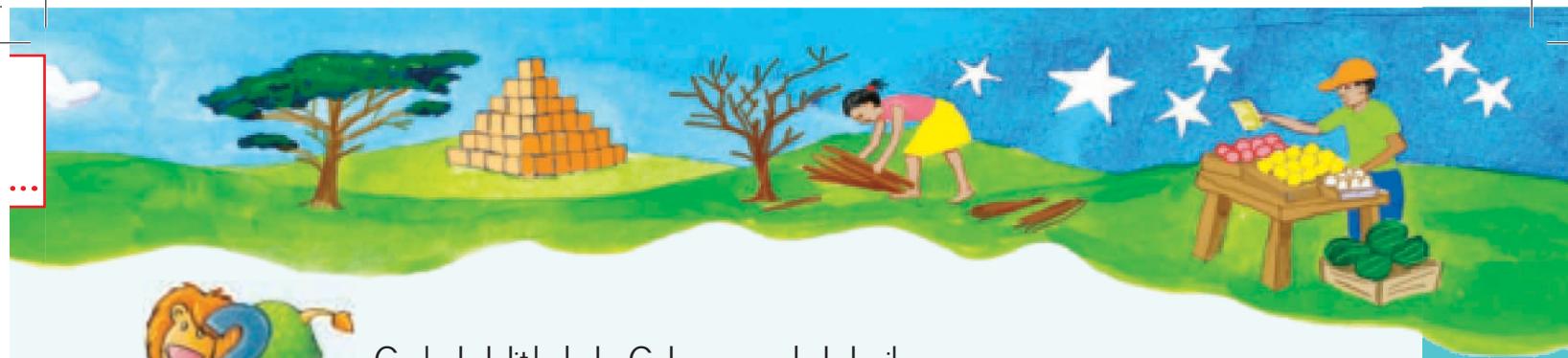


Gcwalisa tinombolo letishiyiwe.

51																			
71																			67
																			100

Sebentisa libhodi nombolo kuperhendvula lemibuto

- Nguyiphi inombolo lesembikwe -68? \_\_\_\_\_
- Nguyiphi inombolo lesemva kwe -68? \_\_\_\_\_
- Bhala phasi tinombolo letisihlanu letincane kune -71. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- Bhala phasi tinombolo letisihlanu lettingetulu kwe -71. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- Ngutiphi tinombolo letisemkhatsini we -79 ne -84? \_\_\_\_\_
- Bhala tinombolo kusukela kulencane kuya kulenkulu. 73, 52, 50, 59, 61 \_\_\_\_\_
- Bhala tinombolo kusukela kulenkulu kuya kulencane. 74, 96, 99, 91, 38 \_\_\_\_\_



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:

$$32 \quad < \quad 64 \qquad 23 \quad > \quad 18$$

$$57 \quad \square \quad 98 \qquad 89 \quad \square \quad 57$$



Tfola tinombolo letisi -5 ephephandzabeni letisemkhatsini we -50 ne -99 bese utinamatsisela lapha ngekulandzelana.



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



## Emandla sikhundla kuya kuma - 99

Kukhombisa tinombolo usebentisa tintfo

Singakhombisa tinombolo ngemabholoki emandla-sikhundla.

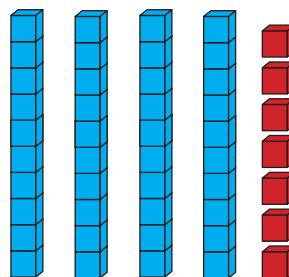
Libhuloki lelincane limele ku-l. Liyiyunithi.

Indvuku leneli-10 lemabholoki lamancane imele li-10 Ilishumi.

Emashumi	Emayunithi
4	7
emashumi lamane nesikhombisa 47	

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	Emashumi	Emayunithi	Emashumi	Emayunithi
3	1				
31					
mashumi lamatsatfu nakunye					



20  
b

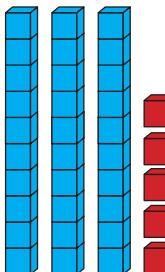
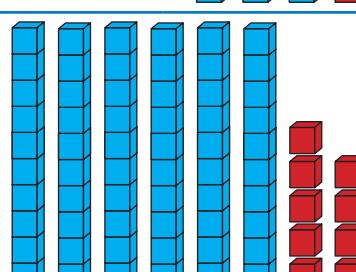
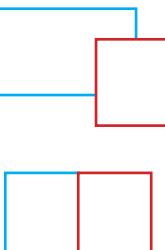
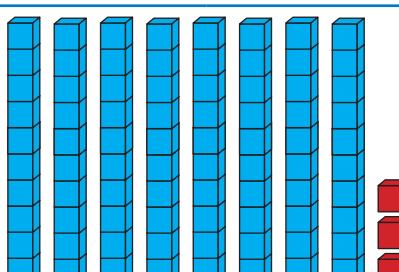
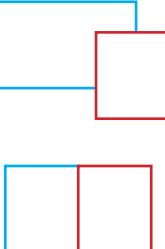
26

b. Singawasebentisa emakhadi nombolo kukhombisa loku lokungetulu.

Inombolo	Mangakhi emashumi?	Mangakhi emayunithi?	Bhala lenombolo ngemagama
26	2	6	Emashumi lamabili nesitfupha
46			
qq			



Ngubani inombolo?

	<p>30 5</p> <p>35</p>	<table border="1"> <tr> <td>Emashumi</td> <td>Emayunithi</td> </tr> <tr> <td>3</td> <td>5</td> </tr> </table> <p>Emashumi lamatsatfu nesihlanu 35</p>	Emashumi	Emayunithi	3	5
Emashumi	Emayunithi					
3	5					
		<table border="1"> <tr> <td>Emashumi</td> <td>Emayunithi</td> </tr> <tr> <td></td> <td></td> </tr> </table> <p>_____</p> <p>_____</p>	Emashumi	Emayunithi		
Emashumi	Emayunithi					
		<table border="1"> <tr> <td>Emashumi</td> <td>Emayunithi</td> </tr> <tr> <td></td> <td></td> </tr> </table> <p>_____</p> <p>_____</p>	Emashumi	Emayunithi		
Emashumi	Emayunithi					



19

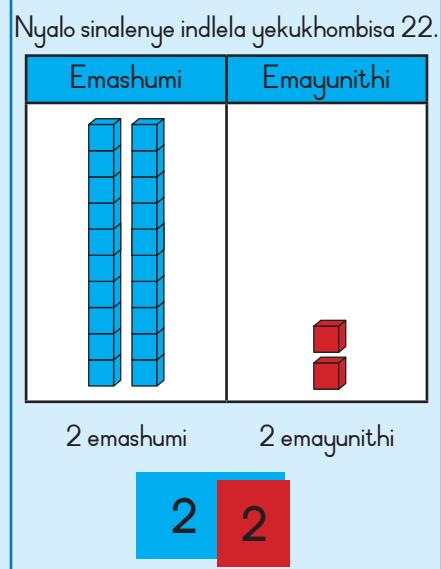
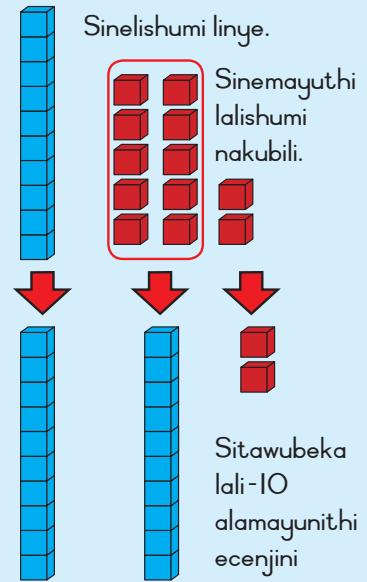
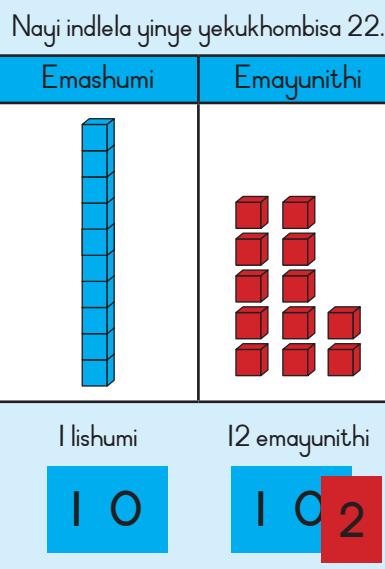
Lusuku:

Ithemu I

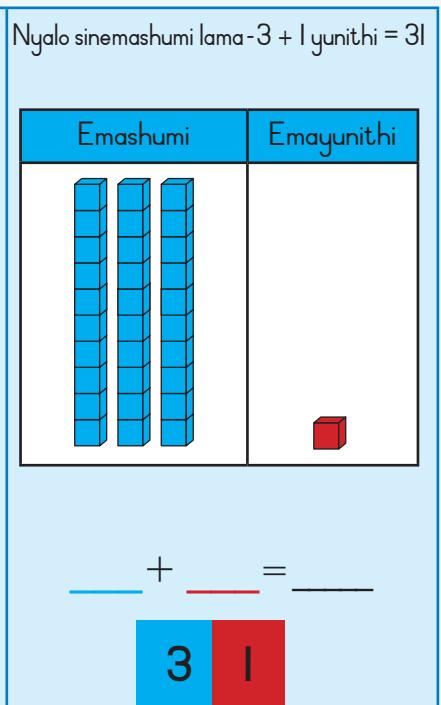
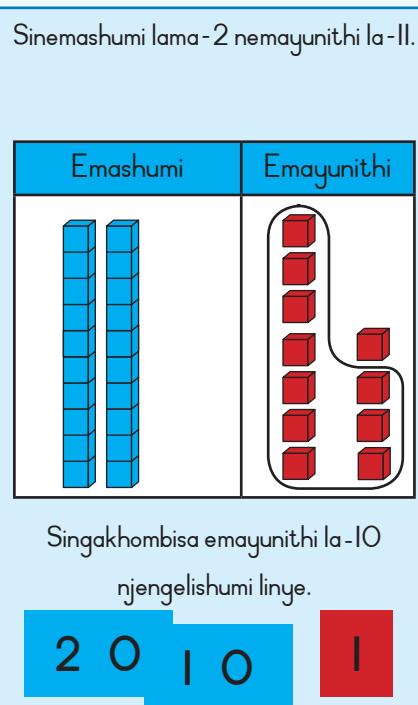
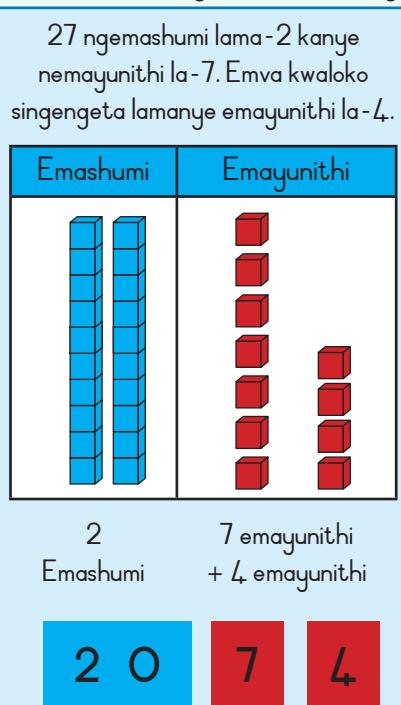


Fundza

## Kubeka emashumi ndzawonye uma sihlanganisa kufika kuma - 99



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





## Bhala lomushonombolo lokhonjiswe esitfombeni

Emashumi	Emayunithi	Emashumi	Emayunithi	Emashumi	Emayunithi
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
$10 + 5 + 6$	$\underline{\quad} + \underline{\quad} + \underline{\quad}$	$\underline{\quad} + \underline{\quad} = \underline{\quad}$			

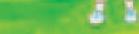
Cedzela letitfombe. Bhala imishonombolo lekhonjiswa sitfombe.

Emashumi	Emayunithi	Emashumi	Emayunithi	Emashumi	Emayunithi
		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>					
Emashumi	Emayunithi	Emashumi	Emayunithi	Emashumi	Emayunithi
		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>					



# 20a

Lusuku:



Ithemu |

## Hlanganisa kumugca - nombolo

Hlala edesikini lakho!

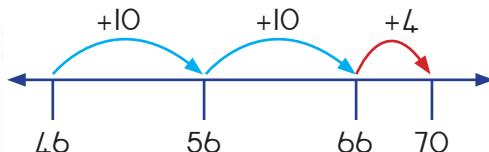


Esikolweni setfu umfundzi ngamunye unelidesiki lakhe.

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.



Loku nguloku lengikwento: 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

$$= 46 + 10 + 10 + 4$$

$$= 56 + 10 + 4$$

$$= 66 + 4$$

$$= 70$$

Kumele  
ngihlanganise ema -  
24 kuma - 46.



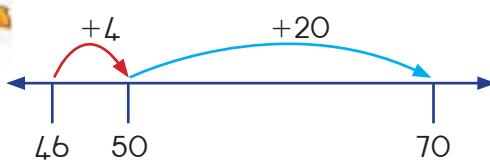
a.  $32 + 25 =$

← →



b.  $52 + 26 = \boxed{\phantom{00}}$

c.  $46 + 25 = \boxed{\phantom{00}}$



Kumele  
ngihlanganise  
ema-24 kuma-46.



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.  $36 + 41 = \boxed{\phantom{00}}$



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

11 12 13 14 15 16 17 18 19 20

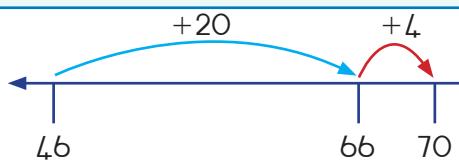
20b

Lusuku:

Ithemu |

## Hlanganisa kumugca-nombolo (siyachubeka)

b.  $57 + 19 = \square$



Kumele  
ngihlanganise ema-  
24 kuma-46.



Loku nguloku lengikwento: 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.  $63 + 24 = \square$



b.  $65 + 29 = \square$





## Mingakhi imikhama?

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

- a. Mingakhi imikhama seyiyonkhe?

- b. Tfola ithothali kumugcanombolo. Khombisa **letinombolo nebukhulu** bekuzuba.

- Khombisa tinombolo nebudze bekuzuba.



Hlanganisa lolokulandzelako ngaphandle kwekusebentisa umugcanombolo. Sebentisa noma nguyiphi indlela loyitsandzako.

$38 + 24 =$

$58 + 17 =$

$75 + 16 =$

$83 + 29 =$



# 2la

Lusuku:

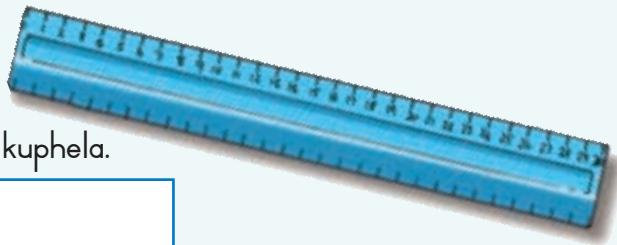
## Susa kumugca-nombolo

Ithemu |

Umfundzi munye! Irula yinye!

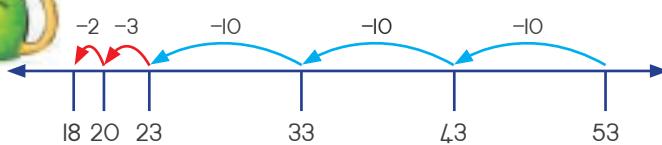
Likilasi lidzinga emarula langema-53. Sinalangema-35 kuphela.

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, kwekulala ngikhipha-3, bese ngifika kuma-**20**. Bese ngikhipha ku-2 futsi bese ngifika kuli-18. Ngako-ke sidzinga emarula lali-**18**.

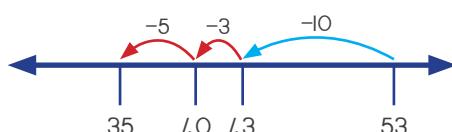
$$\begin{aligned} &= 53 - 10 - 10 - 10 - 3 - 2 \\ &= 43 - 10 - 10 - 3 - 2 \\ &= 33 - 10 - 3 - 2 \\ &= 23 - 3 - 2 \\ &= 20 - 2 \\ &= 18 \end{aligned}$$



a.  $68 - 24 = \boxed{\phantom{00}}$

b.  $74 - 38 = \boxed{\phantom{00}}$

c.  $92 - 87 = \boxed{\phantom{00}}$



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. Li-10 naku-3 nesihlanu kwenta li-18. Ngako-ke sidzinga emarula lali-18 lamanye.

a.  $38 - 14 = \boxed{\phantom{00}}$



2lb

Lusuku:

Ithemu |

## Susa kumugca-nombolo (siyachubeka)

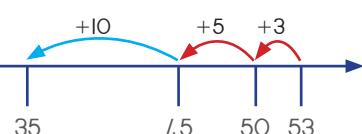
b.  $65 - 43 = \square$



c.  $72 - 39 = \square$



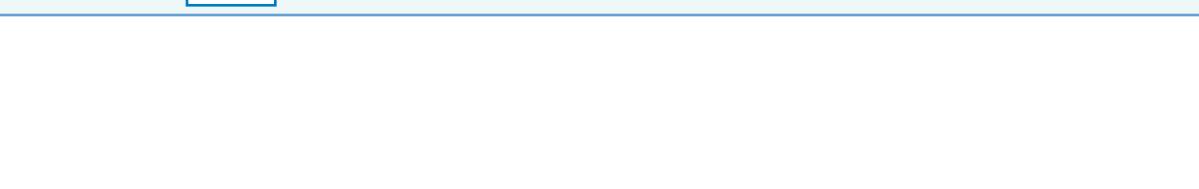
d.  $85 - 48 = \square$



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



a.  $84 - 32 = \square$





b.  $96 - 53 =$

← →

c.  $78 - 19 =$

← →

d.  $63 - 47 =$

← →



### Kuhamba ngetekisi

Luhambo ngetekisi kuya edolobheni ngema-65 km.

Kwanyalo letekisi seyijhambe ema-38 km.

Kusamele kuhanjwe libanga lelingakanani?

Sebentisa umugcanombolo kucatulula lenkinga.



← →

km





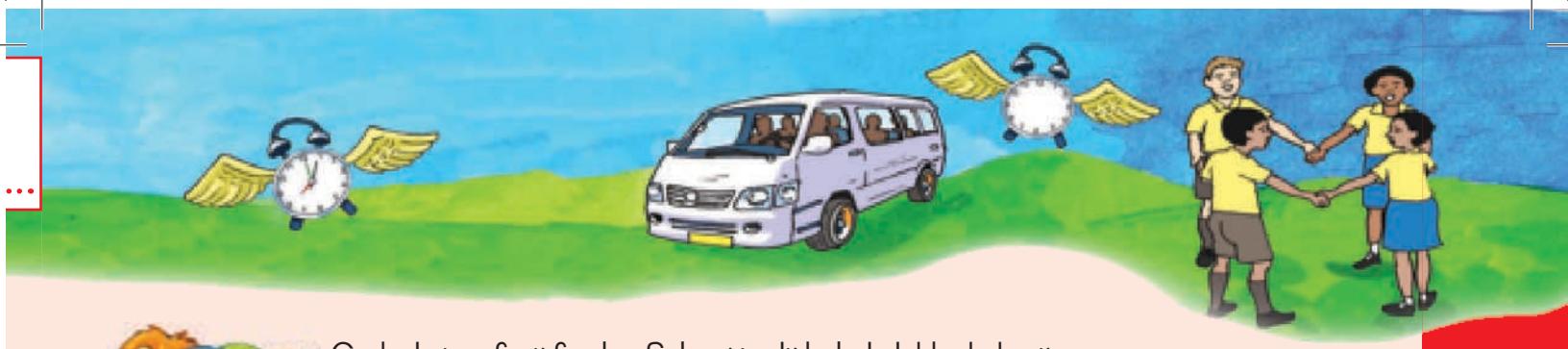
### Luhlelo Iwekucala

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



Bala, futsi ubhale kwekutsi bangakhi bangani labakhetsé lolo nalolo hlobo Iwekudla.

Luhlobo Iwekudla				
Inombolo				



Cedzela igrafusitfombe. Sebentisa lithebulalakho kukuista.  
Dvweba busobunye (😊) kumntfwana ngamunye lokhetsaloko kudlanoma sinatfo.

😊			
😊			
😊			
😊			
😊			
😊			
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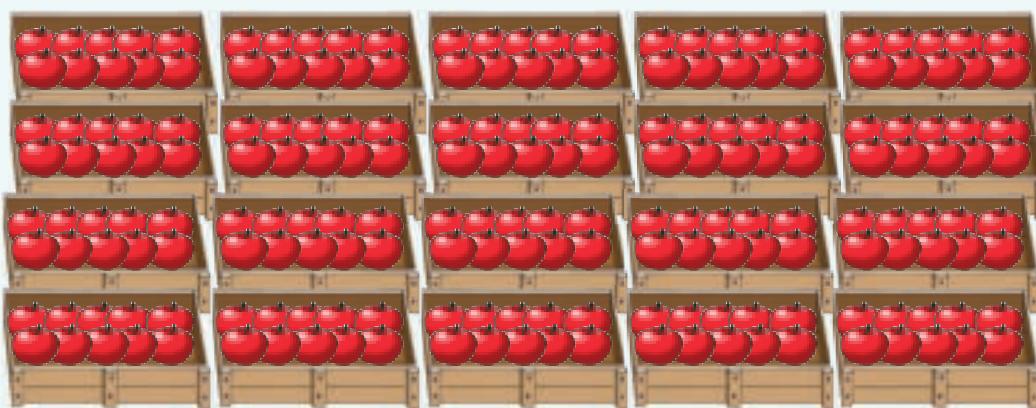
23

Lusuku:

Ithemu |



Bala emahhabhula?



Faka letinombolo

Libhokisi li-l lina  wemahhabhula

Luhele lu-l luna  wemabhokisi

Luhele lu-l luna  wemahhabhula

Emahele lama-4 ana  wemahhabhula



Mangakhi ke emahhabhula lesingawafaka kulamabhokisi?

a.



b.

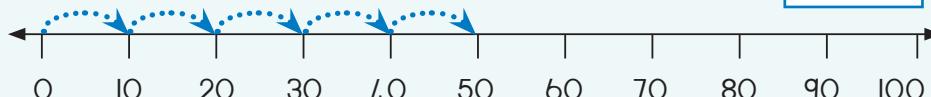


c.

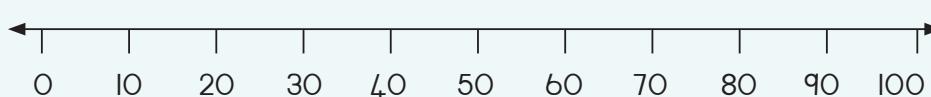


Bala kulumugcanombolo.

a. Ataba mangakhi emahhabhula emabhokisini lasihlanu?



b. Ataba mangakhi emahhabhula emabhokisini lasikhombisa?





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

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

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

Ticheme leti-2  
tema-10 takha

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

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



5 Emaphaya etinyawo.

Tingakhi tintwane setitonkhe?



$10 + 10 + 10 + 10 + 10 =$  **5 0**

$5 \times 10 =$  \_\_\_\_\_

noma  $10 \times 5 =$  \_\_\_\_\_

Yenta loku ngendlela lefanako.

4 Emaphaya etinyawo. Tingakhi tintwane?

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

9 Emaphaya etinyawo. Tingakhi tintwane?

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



Bala ngema-10

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

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 200



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Lusuku:

Ithemu |



Tingakhi tinhlanti? Yenta silinganiso.



Nyalo-ke bala letinhlanti. Tingakhi setitonkhe?



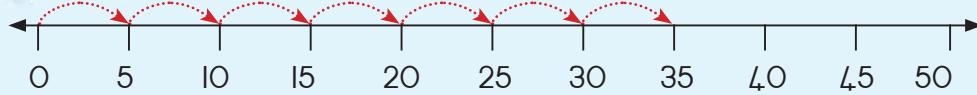
### Bala ngeti - 5

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

Inhlanti nemacandza	Mangakhi emacandza sekaphelele?
Tinhlanti letisi - 5, iyinye italela emacandza la - 2	$2 + 2 + 2 + 2 + 2 = 10$
Tinhlanti letisi - 5, iyinye italela emacandza la - 10	$5 \times 2 = 10$
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	

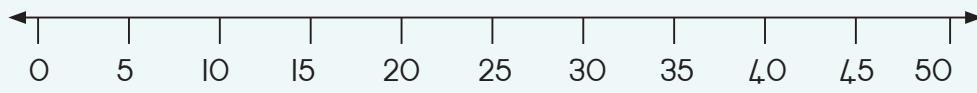


Cedzela letinombolomisho nemigcanombolo.



$$5 + 5 + 5 + 5 + 5 + 5 + 5 = \boxed{35} \quad \text{noma} \quad \boxed{7} \times \boxed{5} = \boxed{35}$$

a.



$$5 + 5 + 5 + 5 = \boxed{\phantom{00}} \quad \text{noma} \quad \boxed{\phantom{00}} \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

b.



$$5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 = \boxed{\phantom{00}} \quad \text{noma} \quad \boxed{\phantom{00}} \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

c.



$$\underline{\phantom{00}} + \underline{\phantom{00}} = \boxed{\phantom{00}} \quad \text{noma} \quad 10 \times 5 = 50$$



### 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?



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Kubala emasokisi

## Bala ngaku-2



- Mangakhi emapheya emasokisi? \_\_\_\_\_
- Mangakhi emasokisi lakhona? \_\_\_\_\_
- 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



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## Bala ngaku-2 (siyachubeka)

Kwakha emaphoya.

Bhala phasi tinombolo - malinganisa kanye netinombolo - mashiyana kusukela ku I - 60.

- a. Bhala phansi tinombolo - malinganisa kusuka ku I - 60.

2, 4, 6,

---

---

- b. Bhala phansi tinombolo - mashiyana kusuka ku I - 60.

3, 5, 7,

---

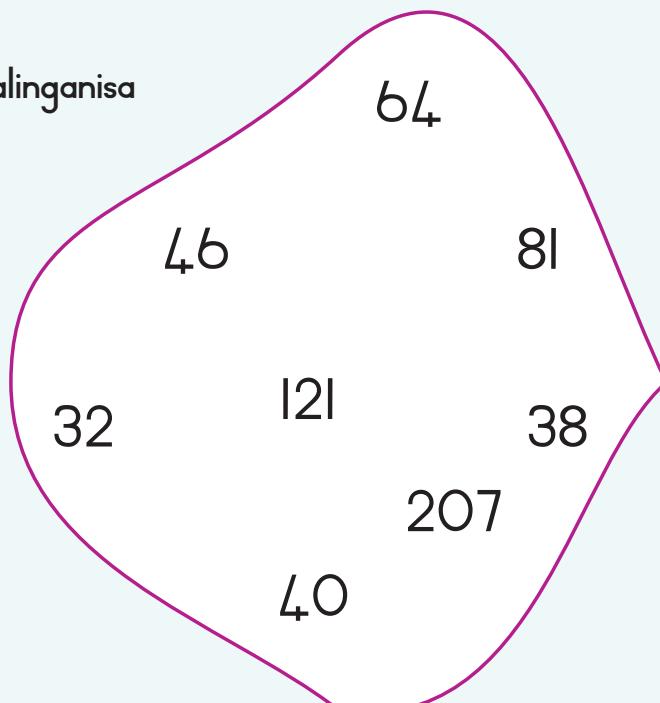
---



### Bomashiyana nabomalinganisa

Dvweba indilinga ugegelete  
tinombolo - malinganisa.

Dvweba sikwele ugegelete  
tinombolo - mashiyana.





Kusuka kumapheya kuya kumasokisi.



Sibonelo:

$$2 \text{ emasokisi} = 1 \text{ lipheya}$$

$$2 \times 1 = 2$$

$$20 \text{ emasokisi} = 10 \text{ emapheya}$$

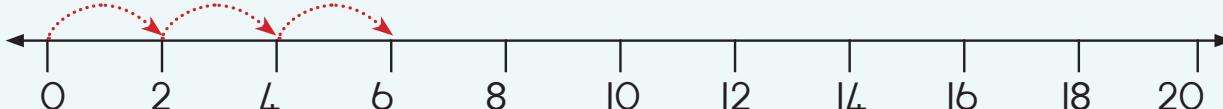
$$2 \times 10 = 20$$

a. Bhala kutsi mangakhi emasokisi.

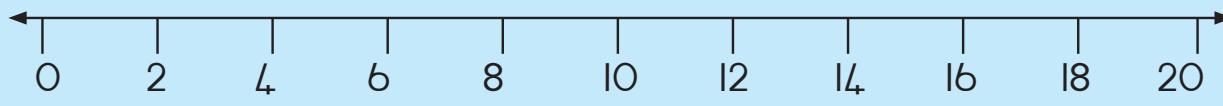
Cabanga ngaku-2	Umusho-nombolo
1 lipheya  = 2 emasokisi	$2 \times 1 = 2$
2 emapheya  = ___ emasokisi	$2 \times 2 = \square$
4 emapheya  = ___ emasokisi	
8 emapheya  = ___ emasokisi	
9 emapheya  = ___ emasokisi	

b. Khombisa lesibalo kulomugcanombolo bese uyacedzela.

$$2 + 2 + 2 = 6 \text{ noma } 3 \times 2 = 6$$



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



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

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Lusuku:

Ithemu |

## Imali endvulo nanyalo



Indzaba yemali yetfu

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

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





### Bala lamasenti

Bala lamasenti.

Unemasenti lamangakhi?

Mangakhi ladzingakalako kwenta  
R1,00?

Wadvwebe lapha kulebhuloki.



### Mangakhi emasenti?

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



### Sibita malini sitselo?



2 babita R4,00.



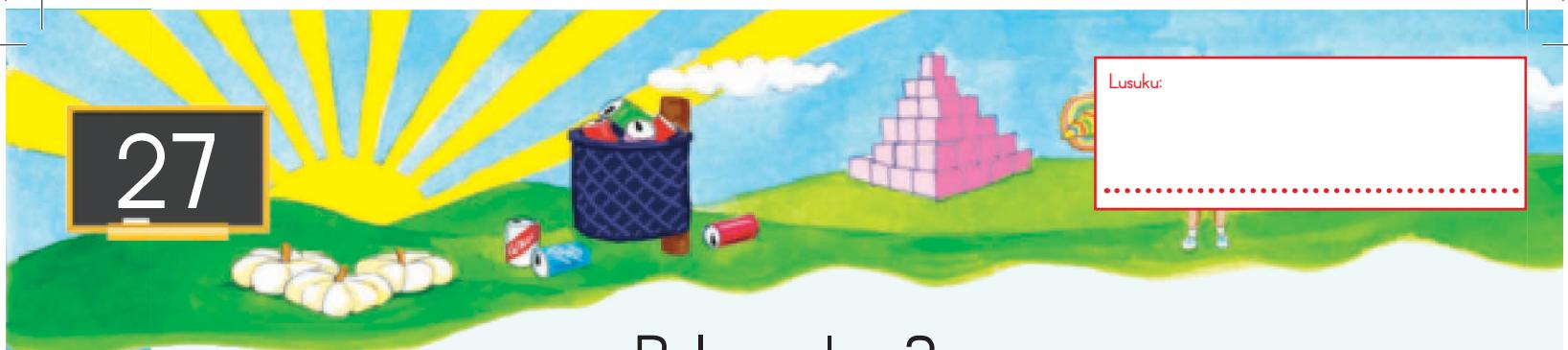
2 abita R2,00.

Bangakhi bobhanana ku-R20,00?

Mangakhi emahhabhula e-R9,00?



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Ithemu |

## Bala ngaku-3



Tincola ngaku-3



Libhayisikili lelingusondvontsatfu li-l linemasondvo lama \_\_\_\_.

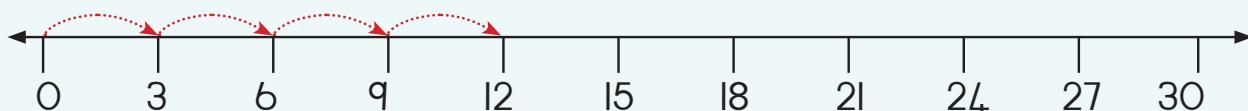


5  sabosondvontsatfu banemasondvo la _____	$3 + 3 + 3 + 3 + 3 = 5 \times 3 =$ _____
2  bosondvontsatfu banemasondvo la _____	$3 + 3 = 2 \times 3 =$ _____
4  bosondvontsatfu banemasondvo la _____	
6  sabosondvontsatfu banemasondvo la _____	
9  yabosondvontsatfu banemasondvo la _____	
8  sabosondvontsatfu banemasondvo la _____	



Imigcanombolo

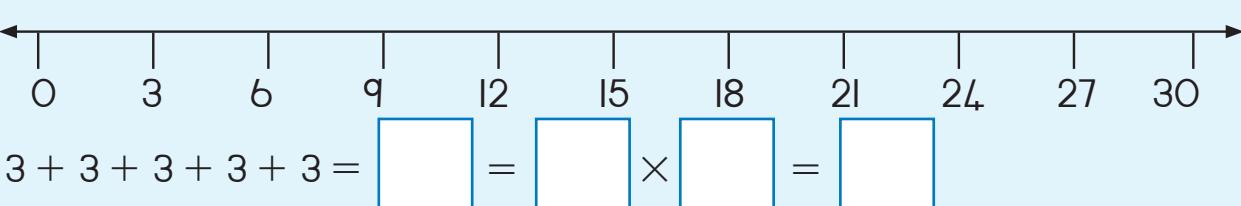
Landzela sibonelo.



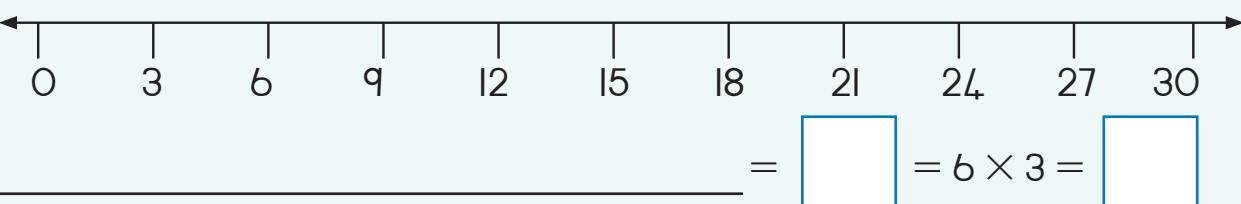
a.  $3 + 3 + 3 + 3 =$    $= 4 \times 3 =$



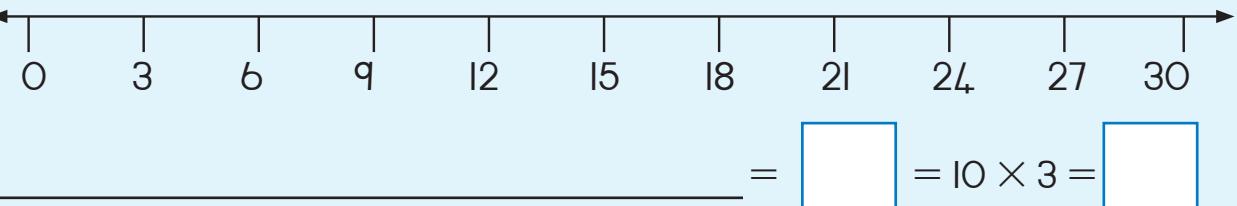
b.



c.



d.



Emabhayisikili asondvombili nemabhayisikili abosondvontsatfu



Esitolo semabhayisikili Busi ubala emasonvo emabhayisikili abosondvombili newabosondvontsatfu.

Kunemasonvo lali-14 sekaphelele.

Mangakhi emabhayisikili abosondvombili lalapho? \_\_\_\_\_

Mangakhi emabhayisikili abosondvontsatfu lalapho? \_\_\_\_\_



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Lusuku:

Ithemu |

## Yini lehamba ngaku - 4?



Tinyawo letine

Emaphuzu etinombolo leti 4 ...  
 $4 + 4 = 8; 2 \times 4 = 8$



Tinyawo tenkhomo tita nga - 4.

Yini lenye lena kune? \_\_\_\_\_



Bala letinyawo

Yabelanani ngetimphindvulo.  
 Chaza kutsi yini loyentile.

Sebentisa emaphuzu lowatiko ngakune.

Inkhomo yi - 1 <input type="text" value="4"/> tinyawo	Tinkhomo leti - 2 <input type="text" value="8"/> tinyawo
Tinkhomo leti - 3 <input type="text"/> tinyawo	Tinkhomo leti - 4 <input type="text"/> tinyawo
Tinkhomo leti - 5 <input type="text"/> tinyawo	Tinkhomo leti - 6 <input type="text"/> tinyawo
Tinkhomo leti - 7 <input type="text"/> tinyawo	Tinkhomo leti - 8 <input type="text"/> tinyawo
Tinkhomo leti - 9 <input type="text"/> tinyawo	Tinkhomo leti - 10 <input type="text"/> tinyawo



Cedzela lelithebula. Sebentisa lesibonelo kukusita.

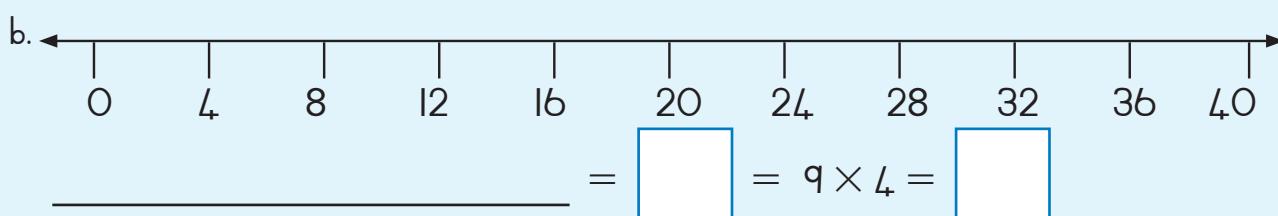
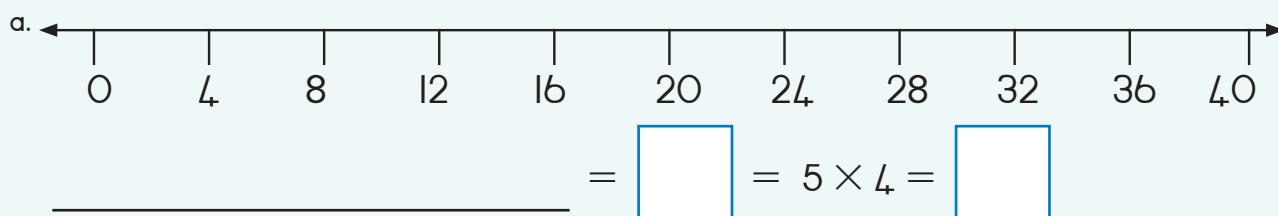


Tinkhomo leti-3 _____ tinyawo	$4 + 4 + 4 = 3 \times 4 =$ <u>12</u>
Tinkhomo leti-5 _____ tinyawo	
Tinkhomo leti-4 _____ tinyawo	
Tinkhomo leti-7 _____ tinyawo	
Tinkhomo leti-8 _____ tinyawo	



### Imigcanombolo

Cedzela lolokulandzelako bese ukukhombisa kumugcanombolo.



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Lusuku:

Ithemu |



## Emaphethini ngetinombolo

Ngujiphi inombolo yemaphethini lekhonjisa tindilinga kugridi yeli-100?

Dvweba tindilinga letinye kucedzela iphethini ngayinye.

Bhala ligama lephethini ngayinye.

a. Iphethini: \_\_\_\_\_

			○			○			
			○			○			
			○			○			
			○			○			
			○			○			
			○			○			
			○			○			

b. Iphethini: \_\_\_\_\_

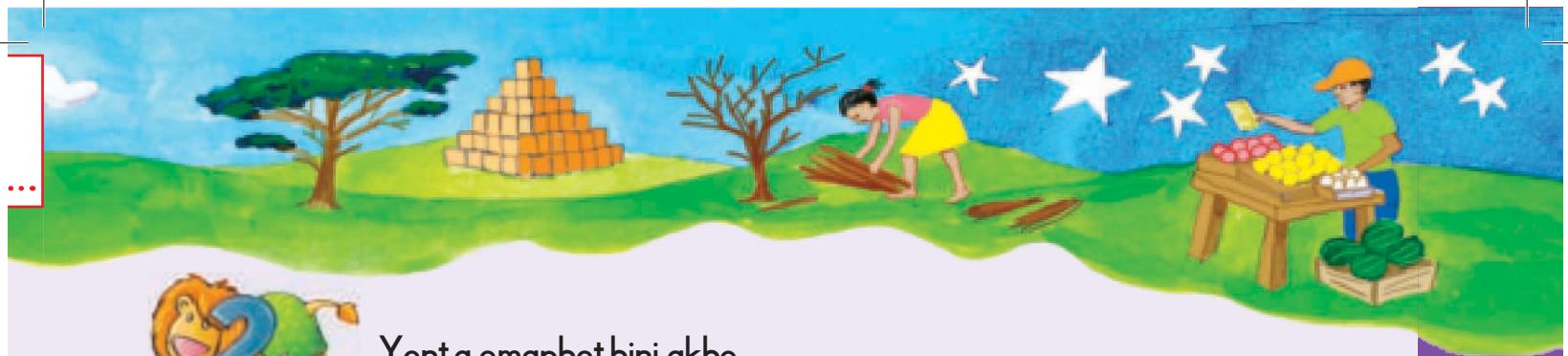
○		○		○		○		○	
○		○		○		○		○	
○		○		○		○		○	
○		○		○		○		○	
○		○		○		○		○	
○		○		○		○		○	
○		○		○		○		○	

c. Iphethini: \_\_\_\_\_

		○		○		○			
○			○		○		○		
○			○		○		○		
		○		○		○		○	
○			○		○		○		
○			○		○		○		

d. Iphethini: \_\_\_\_\_

		○			○			○	
○			○		○		○		
		○			○			○	
○			○		○		○		

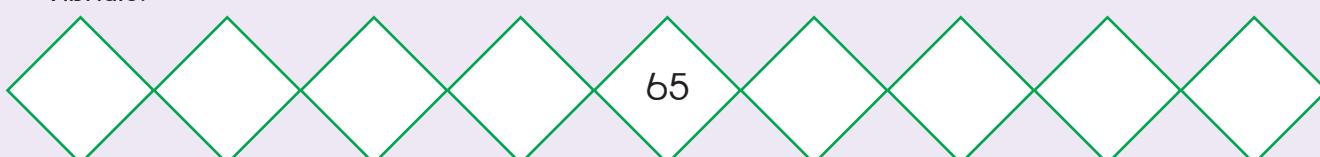


## Yenta emaphethini akho

- 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. Tinombolo letingahle tibe khona nguleti: 61, \_\_\_,  
\_\_\_\_, 70. Uma awabala ngeti-5, uba nemsalela waku-4.

Tinombolo letingahle tibe khona nguleti: \_\_\_, \_\_\_.

Unemagobongo lamangakhi Thembi manje?



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Date:

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30a

Lusuku:

Ithemu |



Yaba lamaswidi:

Kwaba



- a. Yaba 30 wemaswidi emkhatsini wa-2 bantfwana.



Loku singakubhala kanje

$$30 \div 2 = 15$$

- b. Yaba lamaswidi emkhatsini wa-3 bantfwana.



$$\div =$$

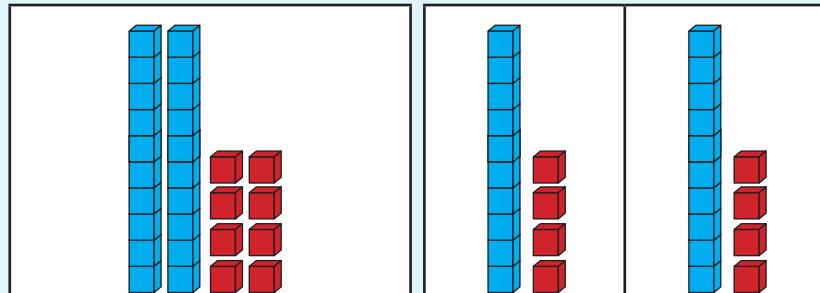
- c. Yehlukanisa emaswidi emkhatsini we-5 sebantfwana.



$$\div =$$



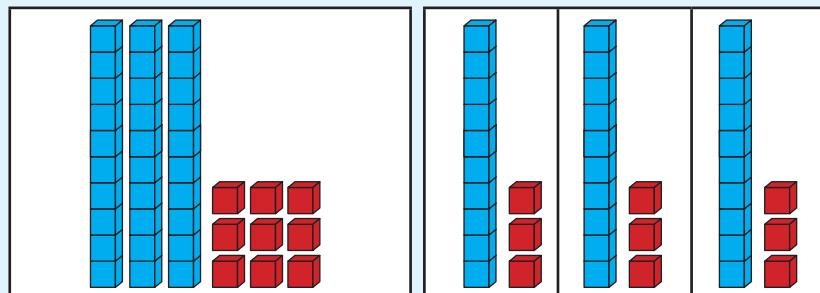
Singase bentisa emabhuloki etinombolo kwenta sibalo sekwehlukanisa.



$$\begin{array}{r} 2 \ 8 \\ \div \ 2 \\ = \ 1 \ 4 \end{array}$$

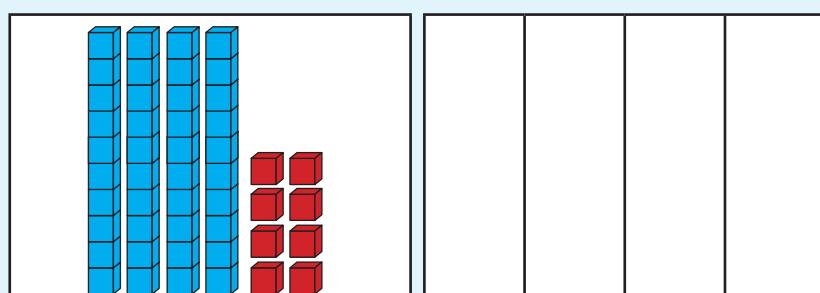
Nyalo yenta loku.

a.



$$\begin{array}{r} \square \ \square \\ \div \ 3 \\ = \ \square \ \square \end{array}$$

b.



$$\begin{array}{r} \square \ \square \\ \div \ 4 \\ = \ \square \ \square \end{array}$$



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

# 30b

Lusuku:

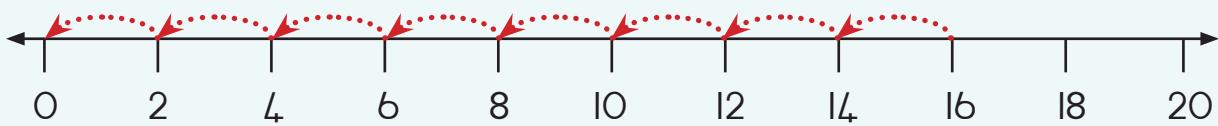
## Kwaba (siyachubeka)

Ithemu |



Sebentisa imigcanombolo kubhala umusho-nombolo wekususa nekuhlukanisa.

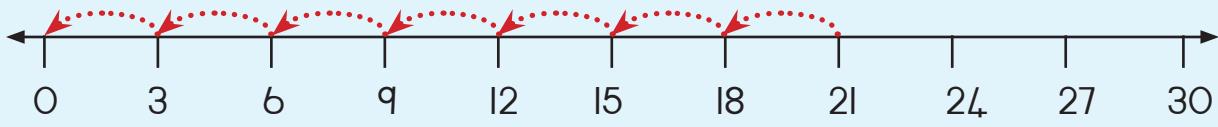
Sibonelo:



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

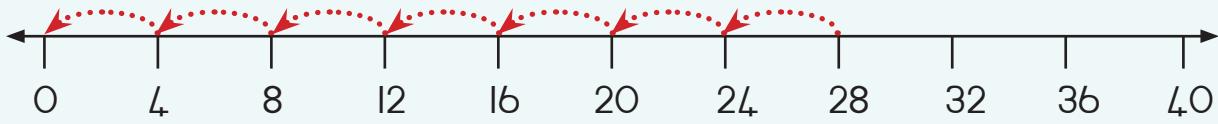
$$16 \div 2 = 8$$

a.



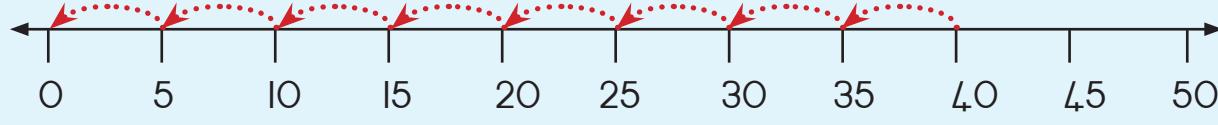
$$21 - \underline{\quad} =$$
  
$$\boxed{\quad} \div \boxed{\quad} =$$

b.

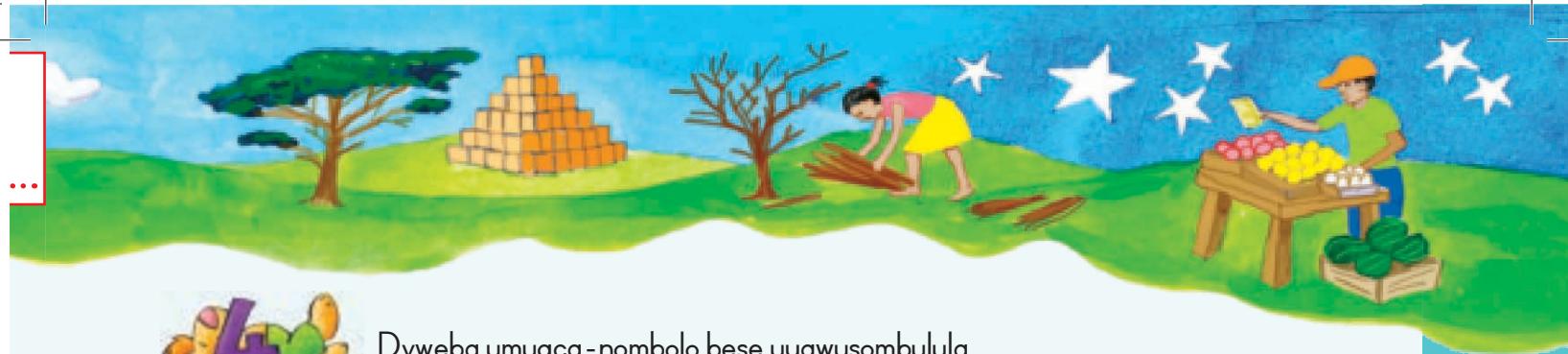


$$28 - \underline{\quad} =$$
  
$$\boxed{\quad} \div \boxed{\quad} =$$

c.



$$\underline{\quad} - \underline{\quad} =$$
  
$$\boxed{\quad} \div \boxed{\quad} =$$



Dvweba umugca-nombolo bese uyawusombulula.

a.  $30 \div 5 =$



b.  $22 \div 2 =$



c.  $27 \div 3 =$



d.  $32 \div 4 =$

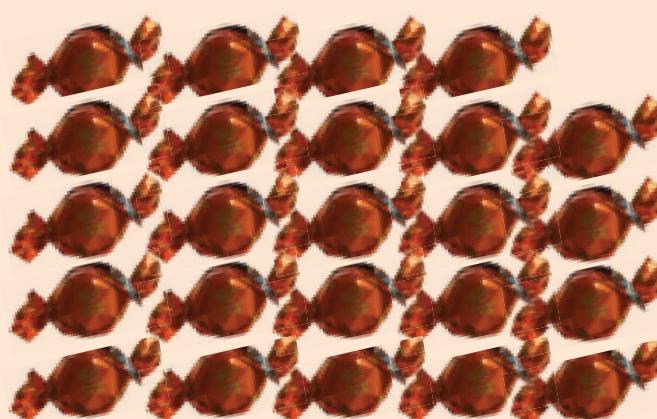


e.  $25 \div 5 =$



### Insayeya

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



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

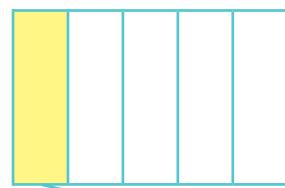
31

Lusuku:

Ithemu |

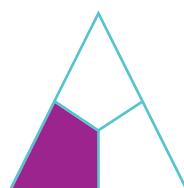


Dvweba imigca kucondzanisa bunjwa nefrakhishini.



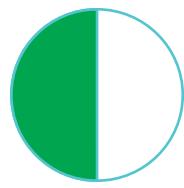
Incenye-ntsatfu yinye

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



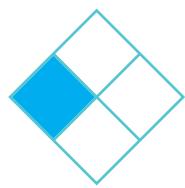
Incenye-sihlanu yinye

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



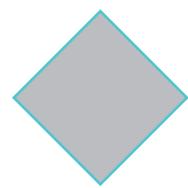
Ikota yinye

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



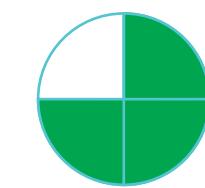
Ihhafu yinye

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



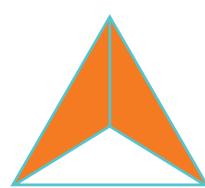
Emakota lamatsatfu

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



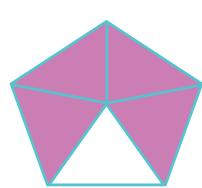
Incenye-kune kusihlanu

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



Kunye lokugcwele

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



Incenye-mibili kukutsatfu

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

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

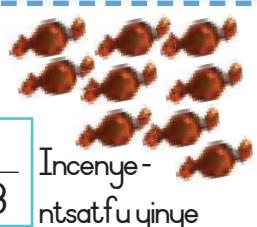
Khombisa lefrakhshini ngekudvweba umugca ugegelete inombolo lengiyo yemaswidi.

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



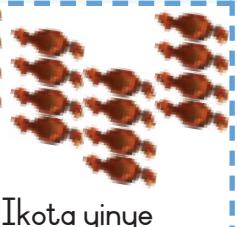
Ihhafu yinye

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



Incenye-ntsatfu yinye

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



Ikota yinye

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



Incenye-sihlanu yinye



Yabela bantfwana lababili tinsita kubala.

<ul style="list-style-type: none"> <li>Amunye wetfu utfole tinsita kubala letimbili.</li> <li>Ihhafu yetibali leti-4.</li> </ul>	<ul style="list-style-type: none"> <li>Amunye wetfu utfole tinsita kubala _____. • ___ wa ___ ngu ___.</li> </ul>	<ul style="list-style-type: none"> <li>Amunye wetfu utfole tinsita kubala _____. • ___ wa ___ ngu ___.</li> </ul>	<ul style="list-style-type: none"> <li>Amunye wetfu utfole tinsita kubala _____. • ___ wa ___ ngu ___.</li> </ul>
$4 \div 2 = 2$	$\underline{\quad} \div \underline{\quad} = \underline{\quad}$	$\underline{\quad} \div \underline{\quad} = \underline{\quad}$	$\underline{\quad} \div \underline{\quad} = \underline{\quad}$



Yaba lamaswidi emkhatsini webantfwana.

<ul style="list-style-type: none"> <li>ikota emaswidi = 3</li> <li>emakota lamabili emaswidi = ____</li> <li>emakota lamatsatfu emaswidi = ____</li> <li>emakota lamane emaswidi = ____</li> </ul>	<ul style="list-style-type: none"> <li>incenye-ntsatfu emaswidi = ____</li> <li>tincenye-ntsatfu timbili emaswidi = ____</li> <li>tincenye-ntatfu letintsatfu emaswidi = ____</li> </ul>



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

32



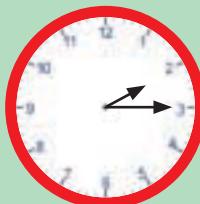
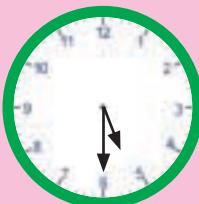
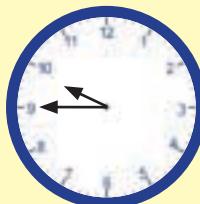
Lusuku:

Ithemu |

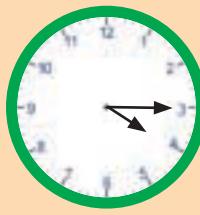


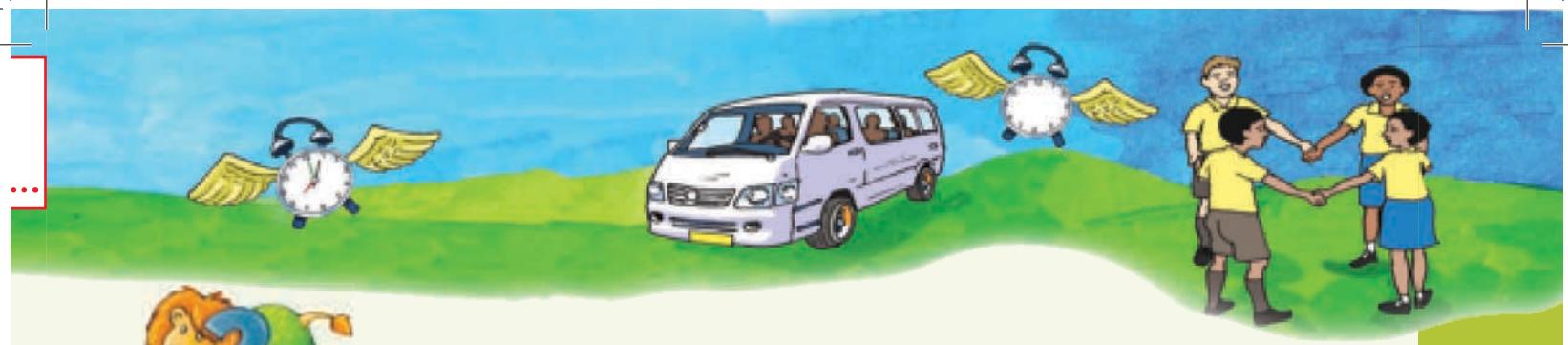
Kwati sikhatsi

Singabhalala sikhatsi lesifanako ngetindlela letehlukene.

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

Bhala loku ngetindlela letimbili letehlukene.

		
_____	_____	_____



## Kuya ekhaya

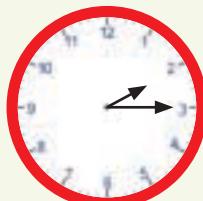
Ngabe Ben utsatsa sikhatsi lesingakanani kufika ekhaya?

imizuzu

ema-awa



Ben usuka esikolweni.



Ben ufika ekhaya.



## Sikhatsi siyabaleka

Sikhatsi ngaku-2 ...



Mingakhi ...

imizuzu kuma-awa lama-2?

ema-awa emalangeni lama-2?

emalanga emavikini lama-2?

tinyanga eminyakeni lemi-2?



## Mangakhi emalanga?

Mabasa 27 Lilanga Lenkhululeko.

Mabasa						
U	L	L	L	L	U	L
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						
U	L	L	L	L	U	L
1	2	3	4	5	6	7
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						
U	L	L	L	L	U	L
					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

- a. Kusuka kuLilanga Lenkhululeko kuya kuLilanga Lelusha kunetinyanya letiphelele leti \_\_\_\_\_, emaviki laphelele la \_\_\_\_\_ kanye nemalanga laphelele la \_\_\_\_\_.

- b. Mangakhi emaviki laphelele sekahlangene? \_\_\_\_\_

Mangakhi emalanga lasele? \_\_\_\_\_. Mangakhi emalanga sekaphelle? \_\_\_\_\_.

- c. Lusuku Iwekutalwa IwaLebo lungaphambi kwelilanga leNkhululeko ngemalanga lasi -7.

Lusuku Iwekutalwa IwaMusa lungemalanga lamibili ngemuva kweLilanga Lelusha.

Ngubani lomdzala? \_\_\_\_\_ Ngemalanga lamangakhi? \_\_\_\_\_

Buka. Catsanisa.  
Lungisa



11 12 13 14 15 16 17 18 19 20

**33**



Lusuku:

Ithemu 2



### Bala letinombolo

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



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



### Bhala letinombolo

- Bhala inombolo lengekho kusikwele lesilingangane ngasinye.
- Bhala tonkhe letinombolo letisele.
- Bhala tinombolo letili-10 ngemuva kwema-200.

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



### Bhala tinombolo letisele

a. 200

180

87

107

50

110

167

207

0

237



### Cedzela

200

+ 30

+ 5

= 235

200

+ 40

+ 7

= \_\_\_\_\_

200

+ 60

+ 8

= \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

= 293

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

= 256

### Bhala tinombolo

ngekulandzelana kusukela  
kulencane kakhulu kuye  
kulenkulu kakhulu.



### Bala uchubeke kusuka kuli-100

Bala loko lodzinga kukwenta kute utfole inombolo lelandzelako.

Kucala



Kuphela



Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

34

Lusuku:

Ithemu 2

## Kusebenta ngemacembu etinombolo



Kupakisha emakhandlela

Make Nkhosi usebenta enkapanini yemakhandlela.

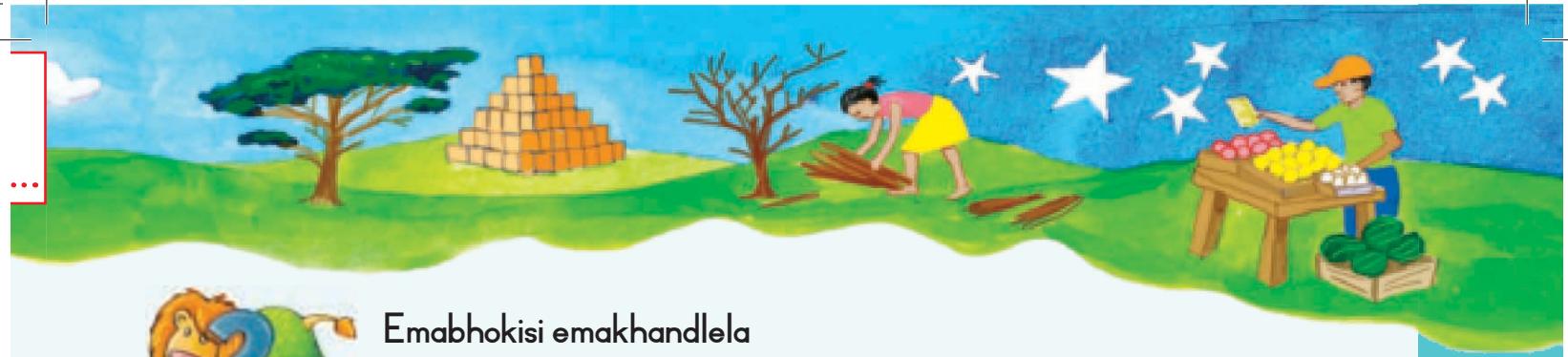
Uma emakhandlela sekalungile, uwapakisha ngalendlela emabhokisini emashelufini.



Mangakhi emakhandlela ebhokisini ngalinye? \_\_\_\_\_

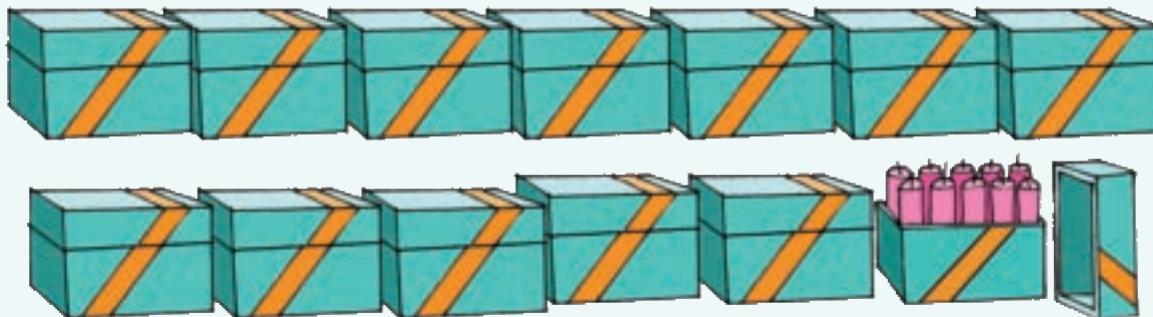
Mangakhi emabhokisi eshelufini ngalinye? \_\_\_\_\_

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



35a

Lusuku:

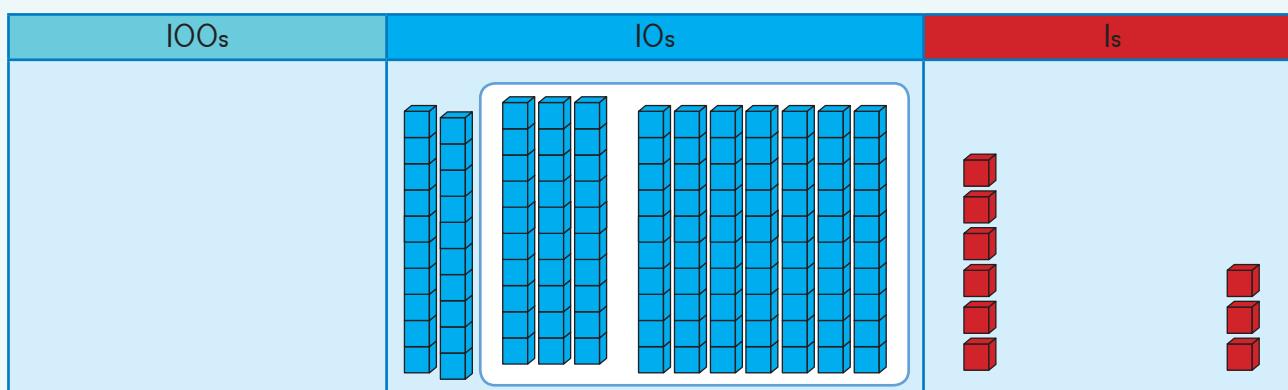
Ithemu 2



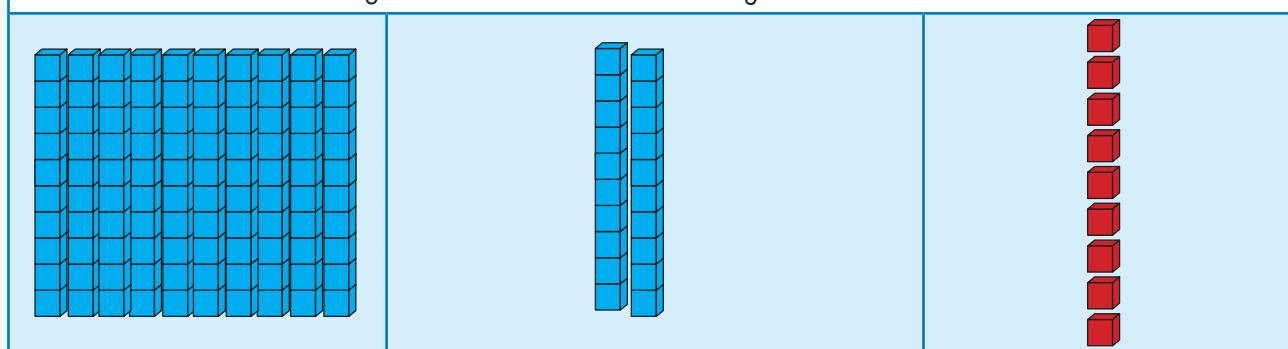
## Kubeka emashumi ndzawonye neku siwehlukanisa

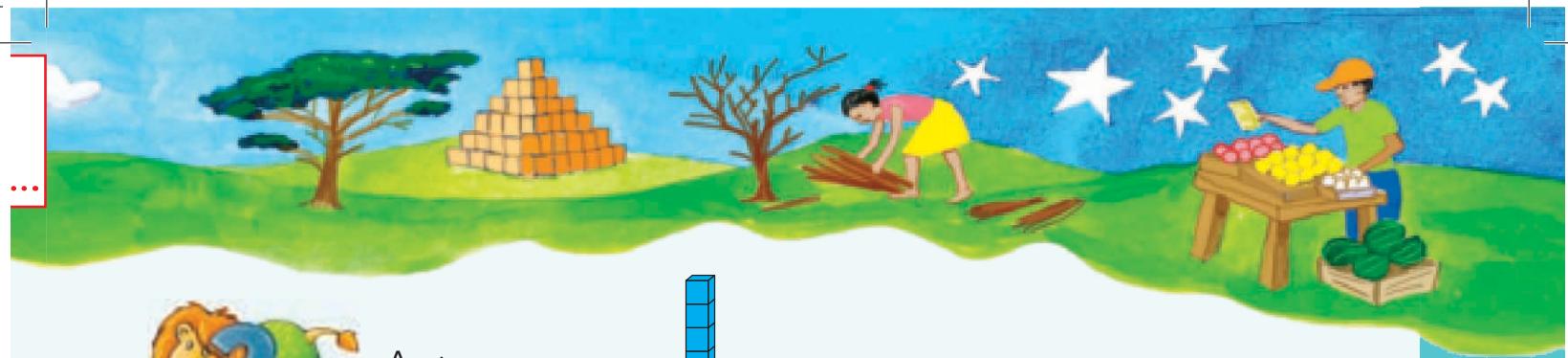
Kubeka emashumi ndzawonye uma sihlanganisa

Asihlanganiseni $56 + 73 =$		+	
Emashumi lasi -5 nemayuniti lasi -6		Emashumi lasi -7 nemayuniti lama -3	



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





A setame.



na



= ○

Sibonelo:  $82 + 34$



$100 + 20 + 6 = 126$

a.  $65 + 52$


b.  $76 + 63$


c.  $86 + 65$




11 12 13 14 15 16 17 18 19 20

# 35b

## Kubeka emashumi ndzawonye neku siwehlukanisa (siyachubeka)



Beka emacembu ndzawonye

Sebentisa emabhaluki endzawo yenombolo akho.

Ithemu 2

Sebentisa emabhaluki endzawo yelishumi kwenta letinombolo letimbili.	Sekukonkhe mangakhi emashumi? Mangakhi emayunithi?	Ngabe ubike ndzawonye emashumi nobe emayunithi? Buka bungako bendzawo lapho uphindze wabeka ndzawonye khona.	Bhala lenombolo.
$23 + 99 =$	_____ emashumi _____ emayunithi	$11 \text{ emashumi} + 12 \text{ emayunithi} = 110 + 12$	122
$38 + 25 =$	_____ emashumi _____ emayunithi		
$77 + 31 =$	_____ emashumi _____ emayunithi		
$68 + 45 =$	_____ emashumi _____ emayunithi		
$83 + 47 =$	_____ emashumi _____ 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 letisihslanu temashumi naletisihslanu temayunithi. (Leto lesititsetse sitibeke umbala lomphunga)

Singakhombisa ticheme letisitfupha temashumi karje.	Noma sihlalu semashumi nelishumi lemayunithi.	Susa ticheme letisihslanu temashumi nesihlanu semayunithi. Kusele emayunithi lasihlanu.	
		$60 - 55 = 5$	



Asetame.

a.  $70 - 28$

7 emashumi	6 emashumi na - 10 emayunithi	$70 - 28 =$	

b.  $90 - 46$


c.  $80 - 53$




Kutfola lipheya lenombolo

a.

200	
30	

b.

200	
70	

c.

200	
	105

d.

200	
85	



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

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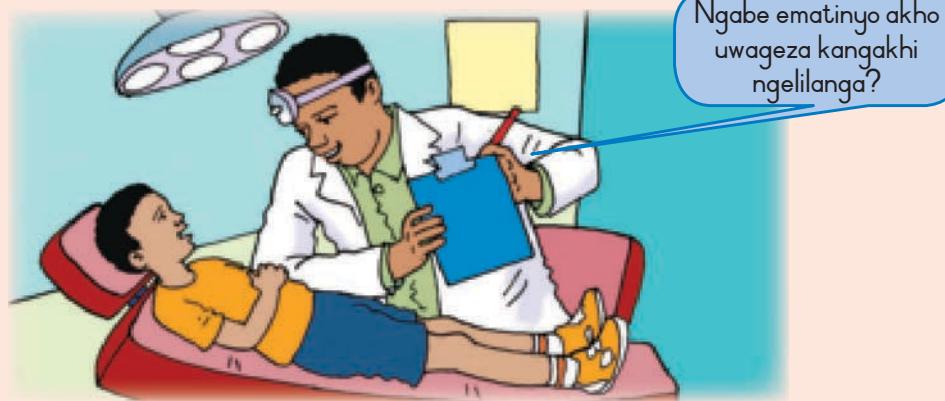
Lusuku:

Ithemu 2



## Kuvakashela dokotela wematinyo

Licembu lebantfwana livakashela dokotela wematinyo.



Loku nguloku bantfwana labamtjela kona.  = I 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.



Dvweba igrafusitfombe lekhomba kutsi bantfwana bacubha kangakhi ngelilanga.



= sikhatsi si - I



Yenta luhlwayo ekilasini lakho. Buta 15–20 webafundzi.

- Bawacubha kangakhi ematinyo abo ngelilanga? \_\_\_\_\_
- Dvweba igrafusitfombe lenjengalena lengetulu kukhombisa imiphumela yeluhlwayo lwakho.



Teacher:
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Date:

37a



Lusuku:

.....

Ithemu 2

## 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:

$$\begin{array}{r} 50 \\ \textcolor{red}{6} \\ + \quad 70 \\ \textcolor{red}{3} \end{array}$$

Uhlanganisa lamayunithi emva kwaloko ubeka phasi likhadi le - q

q

Uyati:  $50 + 70 = 120$ .

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

$$\begin{array}{r} 100 \\ \quad 20 \\ \hline \textcolor{red}{q} \end{array}$$

kwenta inombolo yemadjithi lama - 3

Ubhala ngalendlela:

$$\begin{aligned} 50 + 70 + 6 + 3 \\ = 50 + 70 + 9 \\ = 120 + 9 \\ = 100 + 20 + 9 \\ = 129 \end{aligned}$$

Dumi uyati kutsi emabhuloki asebenta njani.

Ubala  $56 + 73$  kanje:

$$\begin{array}{r} 50 + 6 + 70 + 3 \\ \swarrow \quad \searrow \\ 120 + 9 \\ = 129 \end{array}$$



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

$$\begin{aligned} 56 + 73 \\ = 50 + 70 + 10 - 1 \\ = 130 - 1 = 129 \end{aligned}$$





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.  $95 + 73$

c.  $81 + 57$

d.  $69 + 71$

Sebentisa indlela ya-Aakar kwenta loku.



Teacher:  
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37b



Lusuku:

Ithemu 2



Nyalo-ke ase sisuse.

a.  $87 - 53$

Indlela ya Busi

$$80 - 50 + 7 - 3$$

$$= 30 + 4$$

$$= 34$$



Indlela ya-Dumi

$$80 + 7 - 50 + 3$$

$$\cancel{= 30} + \cancel{4}$$

$$= 34$$



b.  $95 - 73$

c.  $86 - 62$

d.  $85 - 69$



## Sombulula!

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

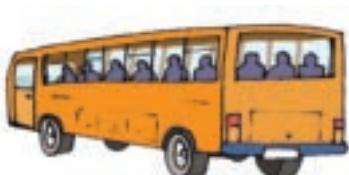
- a. Peter ucala ngekukha emampentjisi langema-34 bese ukha langema-67.  
Mangakhi emampentjisi asawonkhe?



- b. Bantfwana baka Malusi bonga R47 kanyekanye.  
Make wabo ubangetela R58. Sebanamalini manje?



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



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Lusuku:

Ithemu 2

## Catulula!



Tivalo temabhodlela

Sebentisa nobe nguyiphi indlela loyitsandzako.  
Khombisa umsebenti wakho.



Sipho



Andile

Sipho ubala tivalo temabhodlela letima-87. Andile ubala letima-38.

Tingakhi timbonyo temabhodlela letibalwa nguSipho kunaletibalwa nguAndile?



Ikhonsathi yasesikolweni

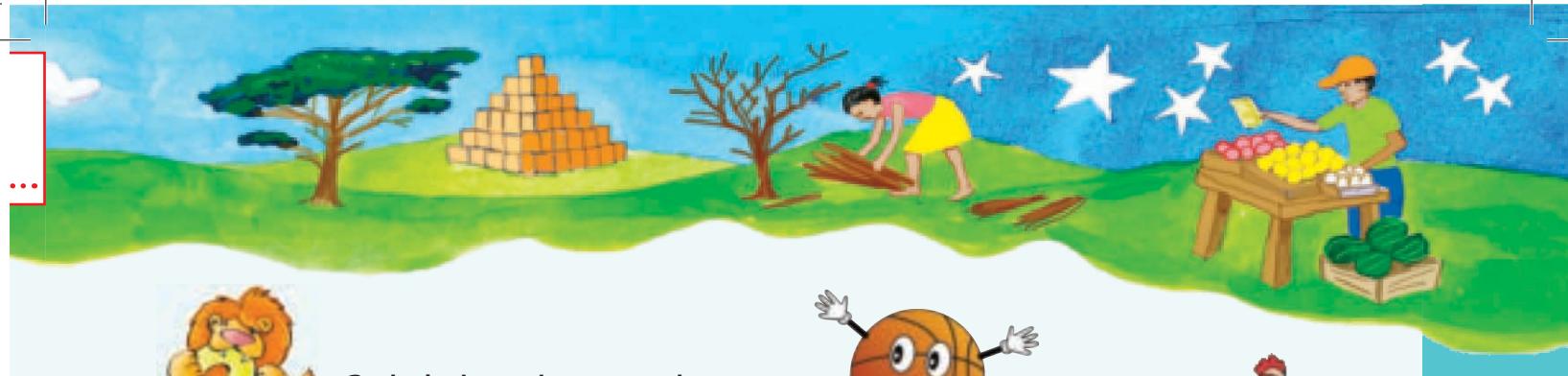


Musa

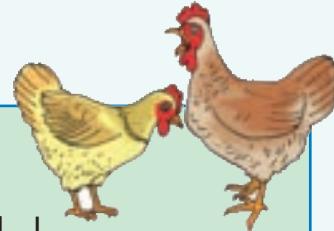


Musa utsengisa emathikithi. Bekenemathikithi langema-92 ekucala ngawo.

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 Gugu yaAakar basisombulule njani lesibalo.

Indlela yaGugu

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



Indlela ya Aakar

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

Uyati yini kutsi  
ususelani?



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

Sebentisa indlela yaGugu

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 yaGugu

Sebentisa indlela yaAakar



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Date:

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Ithemu 2



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	

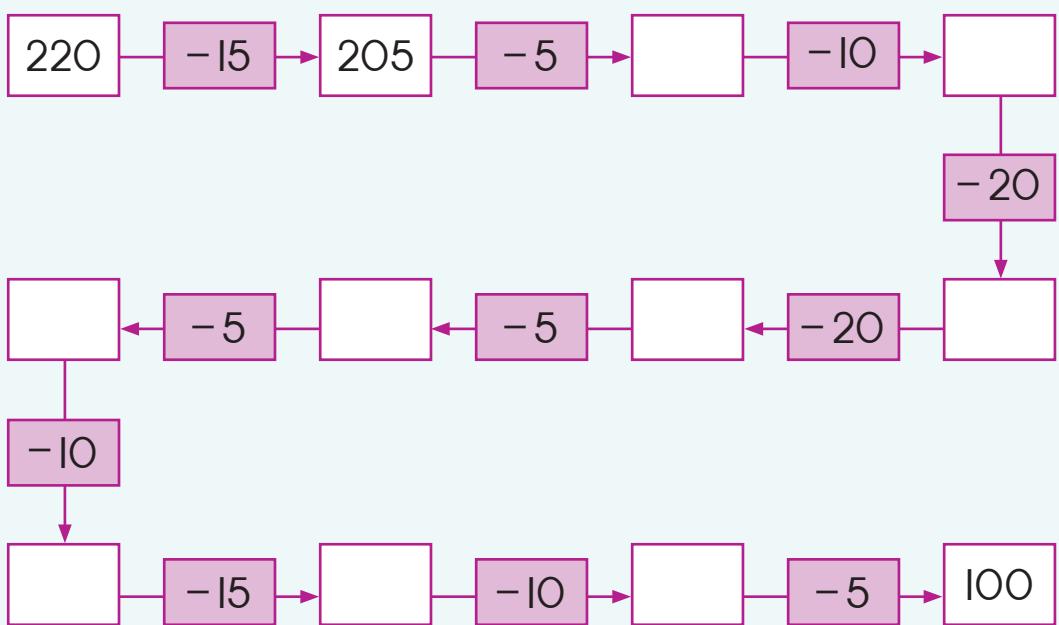
h.	200	
		120



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.

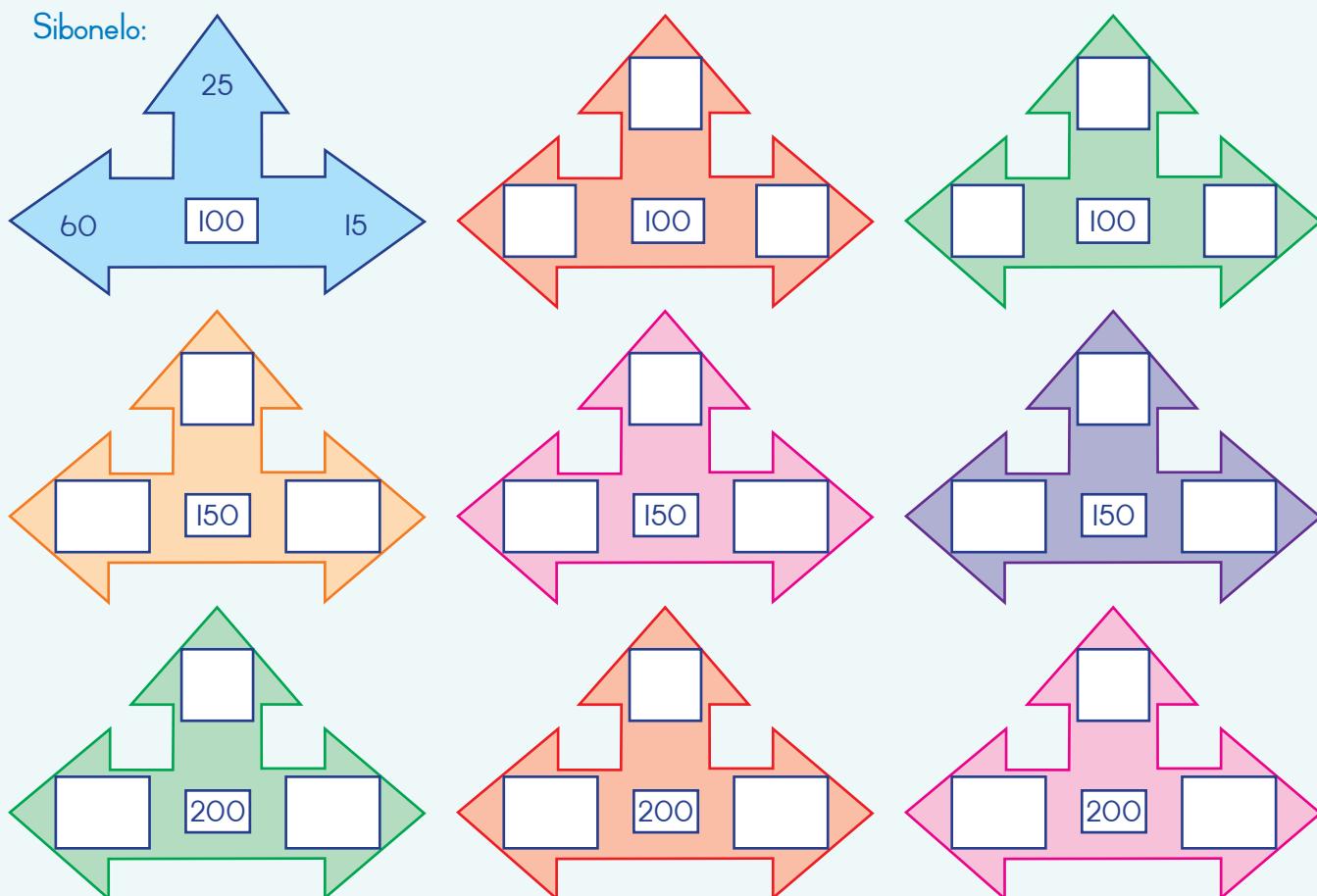


### Iminden'i yalabatsatfu

Tfola - 3 tinombolo letihlanganisa lenombolo lehlosiwe.

Umtsetfo: Ibe yinye nje kuphela inombolo lengagcina ngeli - O.

Sibonelo:



### Ema - 50 ngetulu nema - 50 ngaphasi

Bhala timphendvulo kuluhlu lwesi - 2.

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

Teacher:
Sign:
Date:

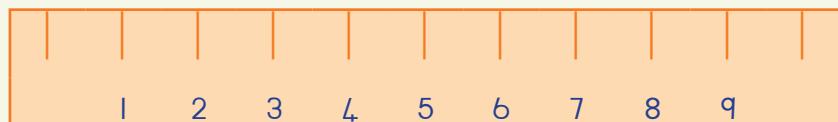
40



Ithemu 2



Ngabe lisentimitha lingakanani?



Letinombolo kurula timele emasentimitha.

Sisebentisa lesinciphiso nobe lumphawu lwa-cm.

Uma usebentisa irula, kumele ucale kulinganisa kuli-O.

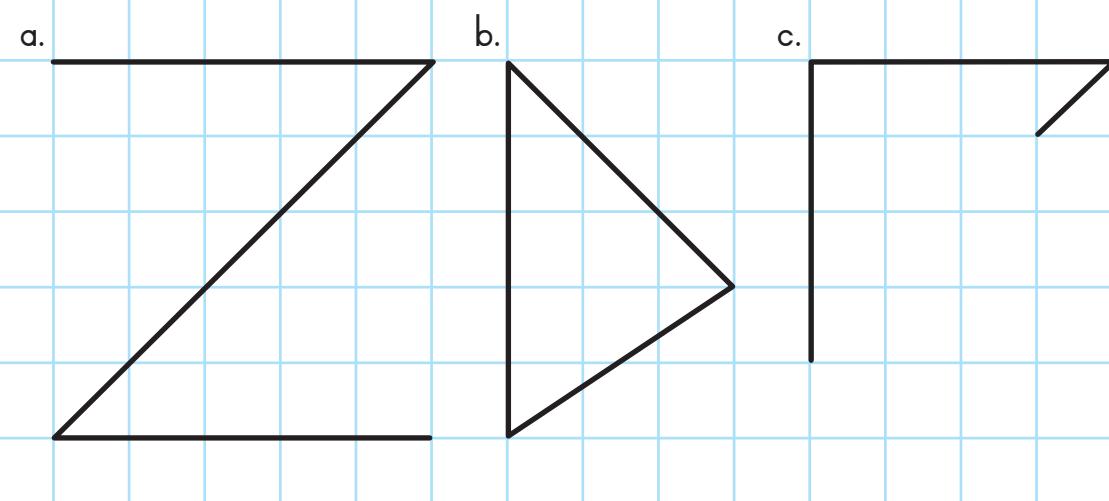
Lamanye emarula akakhombisi leli-O njengalena lekulelikhasi.

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

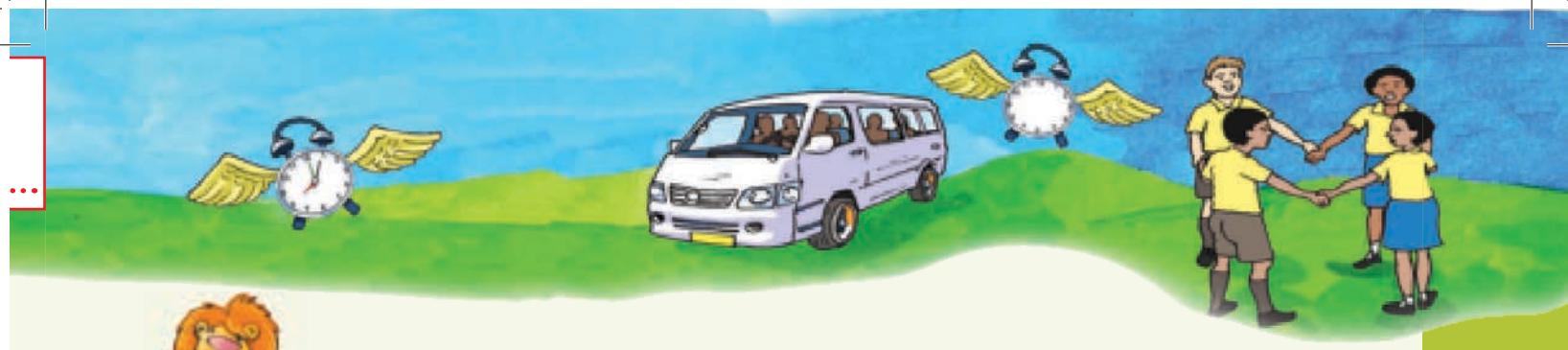
Ukuphi 10 cm kulerula? Bhala 10 lapho.



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



a. Linganisa <input type="text"/> cm	b. Linganisa <input type="text"/> cm	c. Linganisa <input type="text"/> cm
Kala <input type="text"/> cm	Kala <input type="text"/> cm	Kala <input type="text"/> cm



## Mudze ngakanani umugca munye?

Ngabe umugca mudze ngema-cm lamangakhi?

Sebentisa umunwe kusista kuncuma.

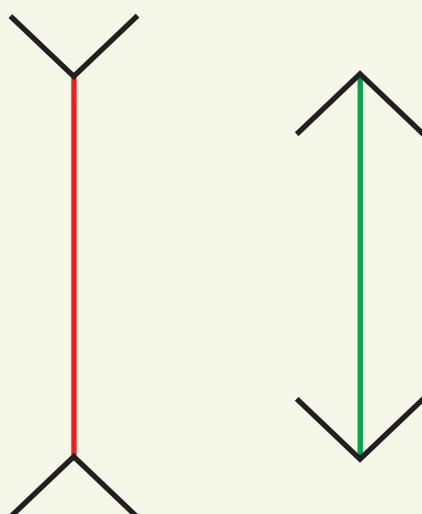
a. ————— <input type="text"/> cm	d.   <input type="text"/> cm
b. ————— <input type="text"/> cm	e. ————— <input type="text"/> cm
c. ————— <input type="text"/> cm	f. ————— <input type="text"/> cm



## Ngabe ucinisekile?

Ngumuphi lomudze, umugca lobovu nobe loluhlata?

Ungahlola njani?



Loku ngulokubitwa ngeukukhohlisa lokubonakalako. Loku kwenteka uma emehlo akho abona intfo lengekho. Lemigca lemibili iyalingana. Lemigca lebheke ekhatsi yenta umugca loluhlata ubukeke sengatsi mufisha kunaloku lewungiko. Lemigca lemnyama lechubekela ngephandle yenta lena lebovu ibukeke imijana bese imigca lemnyama lebheke ngekhatsi yente imigca leluhlata ibukeke imifishanyana.



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

4



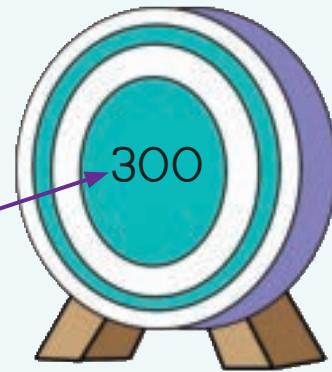
Lusuku:

Ithemu 2

## Umgomo 300



Bala futsi ubhale ema - 200

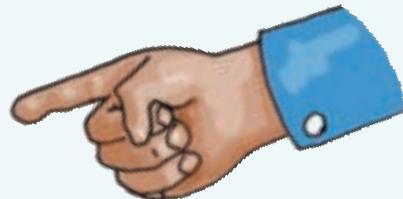


Bala kusuka kuma - 201 kuye kuma - 300.

Khomba njengobe uhamba.

Emva kwaloko gcwalisa tinombolo letilingangane 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; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_



Yini luzubo?

30I

28I

I7I

2II

I0I



Kukhombisa nekucatsanisa.

- a. Bhala letinombolo lettingena ekhadini ngalinye.

298;

208;

30I;

276;

227;

269;

3II

**200**

**90**

**8**

- b. Bhala tinombolo ngeluhla kusukela kulencane kuya kulenkulu kakhulu.

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



Yini ingucuko? Bhala letinombolo letishiyekile.

Kucala



Kuphela



11 12 13 14 15 16 17 18 19 20

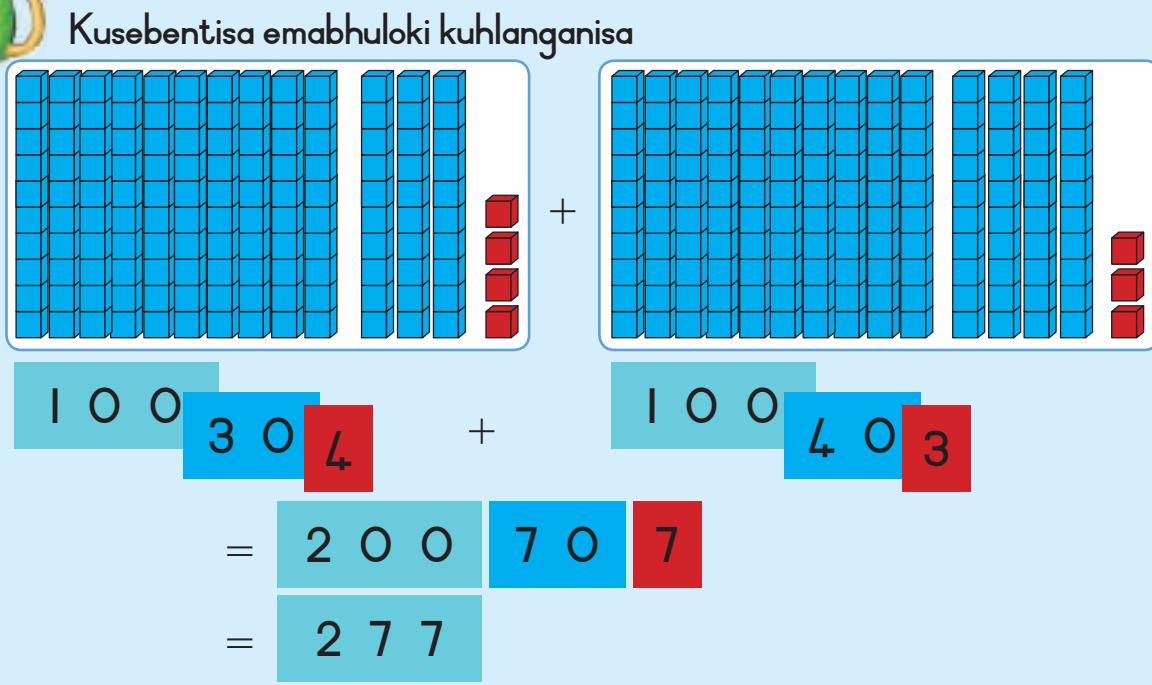
42

Lusuku:

Ithemu 2



## Kuhlanganisa nekususa ngabo 100



Landzela letindlela letimbili. Khombisa imphendvulo ngayinje ngetindlela letimbili.

a.  $132 + 123$

Indlela ya Busi

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



Indlela ya-Dumi

$$\begin{aligned}
 &\cancel{1}32 + \cancel{1}23 \\
 &= 200 + 50 + 5 \\
 &= 255
 \end{aligned}$$

b.  $114 + 162$



c.  $276 + 148$



Bukisisa indlela ngayinye. Yenta sibalo ngasinye ngetindlela letimbili.

a.  $158 - 146$

Indlela ya Busi

$$\begin{aligned}
 &= 100 - 100 + 50 - 40 + 8 - 6 \\
 &= 0 + 10 + 2 \\
 &= 12
 \end{aligned}$$


Indlela ya-Dumi

$$\begin{aligned}
 &\cancel{1} \cancel{5} \cancel{8} - \cancel{1} \cancel{4} \cancel{6} \\
 &= 0 + 10 + 2 \\
 &= 12
 \end{aligned}$$


b.  $194 - 122$

c.  $288 - 199$



Teacher:  
Sign:  
Date:

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Lusuku:

Ithemu 2

## Umgomo 400

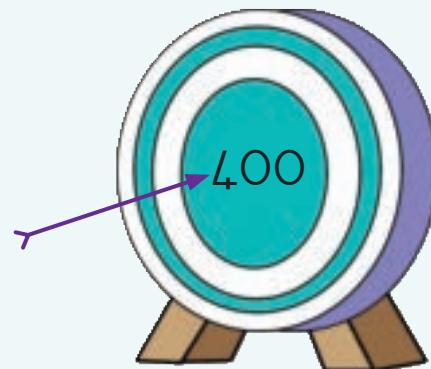


Kubala nekubhala ngema - 400

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

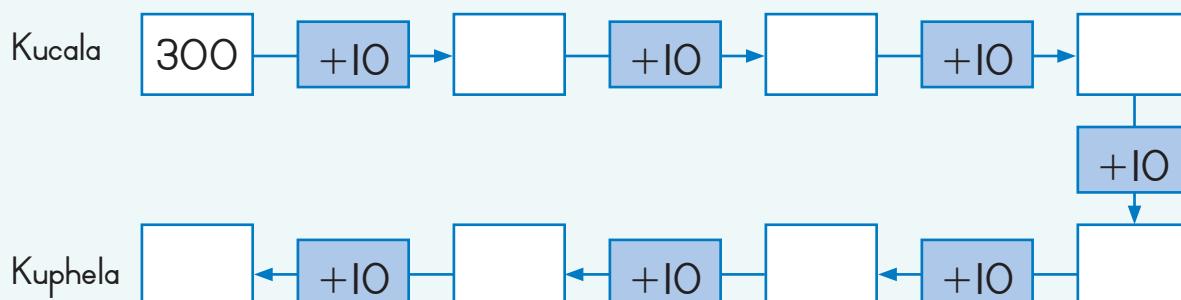
100

1 2 3 4 5 6 7 8 9 10

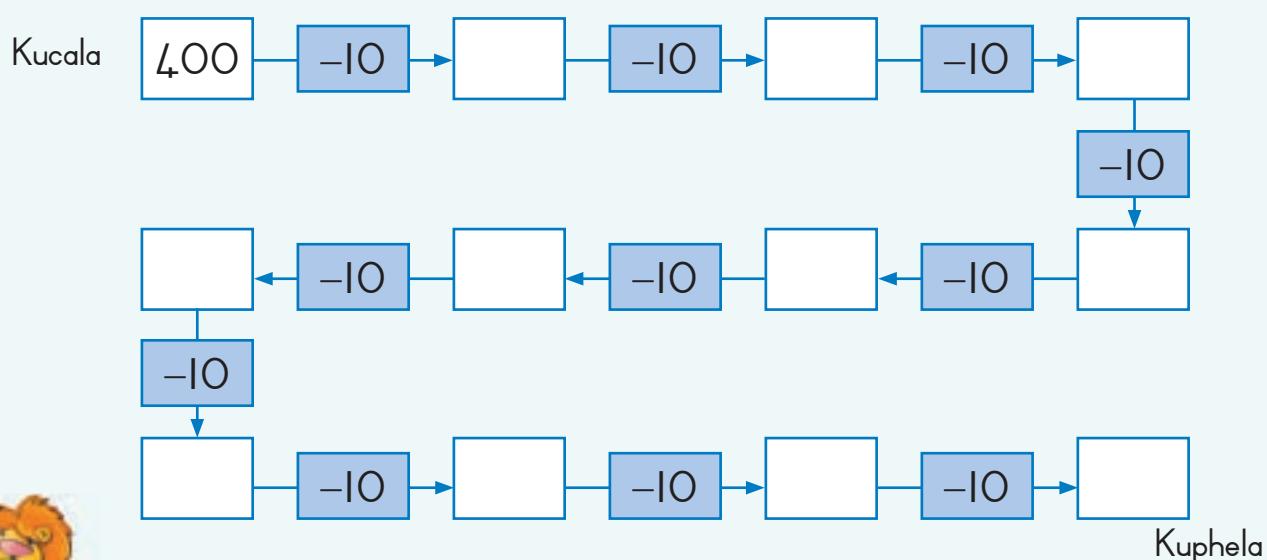


Bala uye embili nasemuva.

- a. Kubala uye embili ngemashumi usuka kuma -300



- b. Bala usuke kuma -400



Bhala kubé yinombolo yinyé.

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

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

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

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

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

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

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

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

Bhala tinombolo ngekulandzelana kwato kusuka kulencane kakhulu kuya kulenkhulu kakhulu.

      ,       ,       ,       ,       ,       ,       ,       



Teacher:

Sign:

Date:

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Lusuku:

Ithemu 2

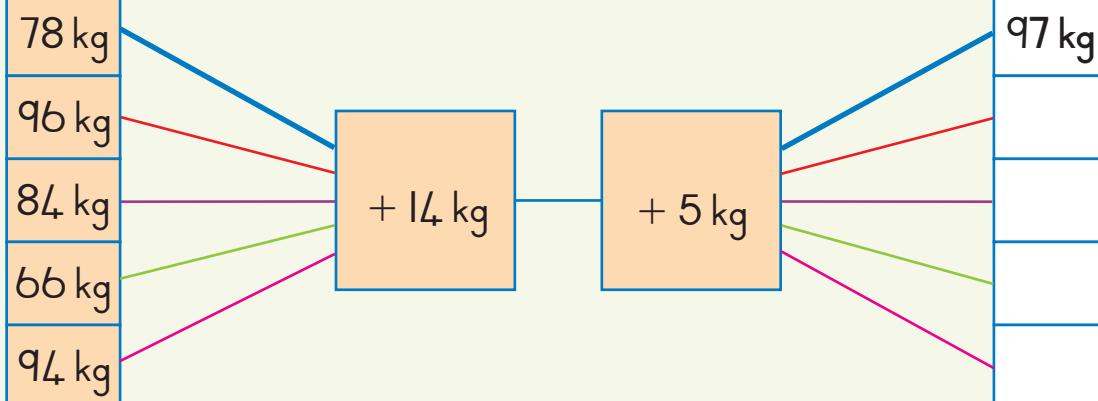


### Inombolo lekhetsékile

Hlanganisa uphindze ubhale timphendvulo.



## Kukala



Sondzeta bese uyengeta!

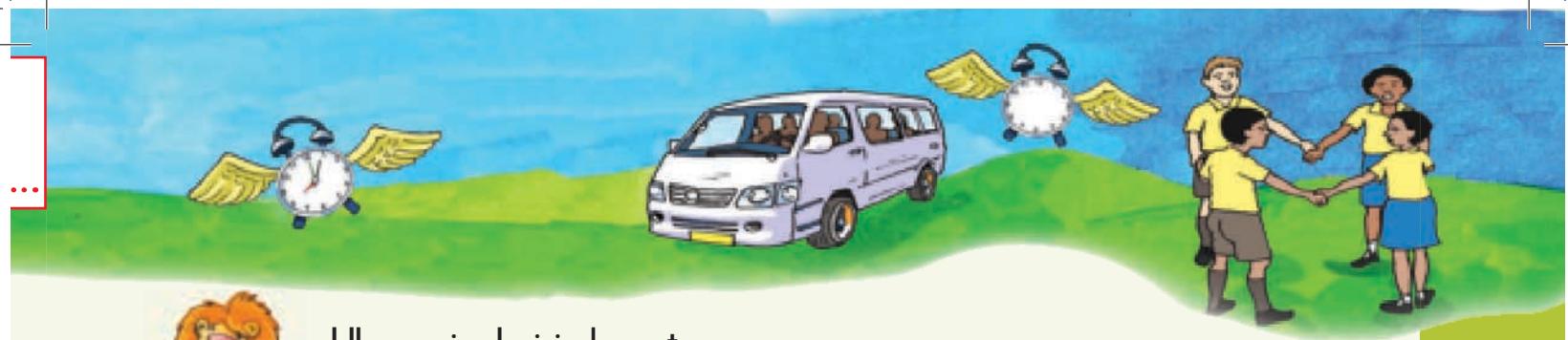
Cabanga ngekuhlakanipha!

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

Sondzeta sisindvo sesilwane ngasinye ku 10 kg.

Bhala sisindvo sesilwane ngasinye ngekulandzelana kusuka kulesilula kuya kulesesindzako.

Yenta silinganiso sesamba sesisindvo saletilwane letisi -5 setitonkhe.



Hlanganisa lesisindvo sato.



Kungenteka ngingasindzi njengawe Lufudvu loludzala,  
kodvwa ngiyakwendlula ngelitubane!

Tinyatselo



- Sebentisa emanani akho lasondzetiwe kulinganisa.
- Linganisa sisindvo setilwane kuluhlu ngalunye.
- Bala emathothali usebentisa sisindvo lesingiso.
- 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 kusindvo saletinye tilwane. Tfola ithothali! Tjela licembu imphendvulo. Ungabakhombisi umsebenti wakho! Kumele batame kutfola sisindvo sakho.



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

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Lusuku:

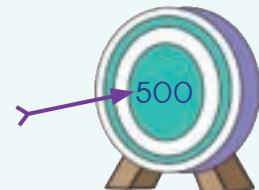
Ithemu 2



## Umgomo 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; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_

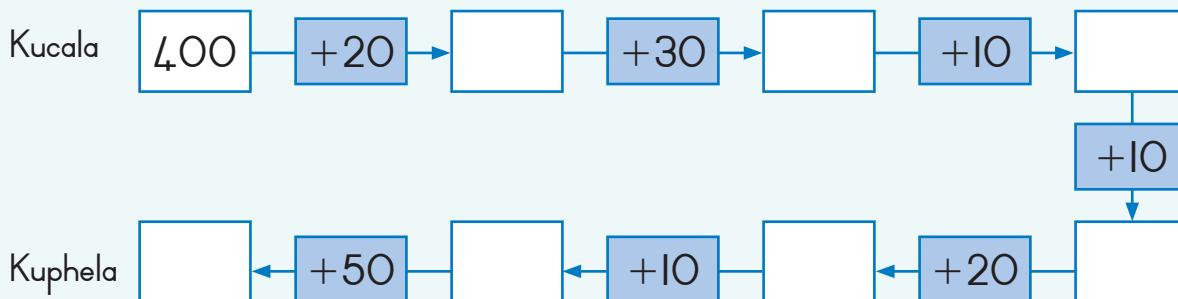
e. Bala ngeti-5. Bhala tinombolo letisi-8 letilandzelako ngephethini yeti-5.

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

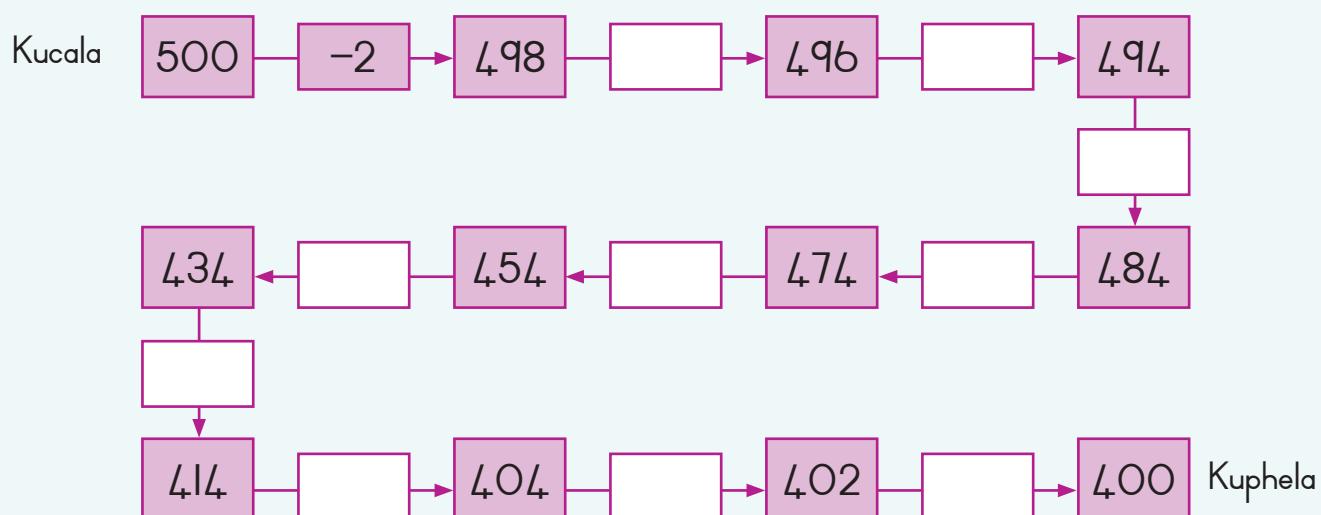


**Yini umehluko?**

- a. Balela embili kusuka kuma - 400.



- b. Balela emuva kusuka kuma - 500.



**Khombisa etinombolo. Landzela lesibonelo.**

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

405 + 10	415	400 + 10 + 5	398 + 10		
446 + 10			424 + 10		
455 + 10			460 + 20		



46



Lusuku:

## Ithemu 2

Yini lokubonako?

$\begin{array}{r} 200 \\ + 200 \\ \hline 400 \end{array}$ $\begin{array}{r} 50 \\ + 30 \\ \hline 80 \end{array}$ $+ 4 \\ = 480$	$\begin{array}{r} 400 \\ + 80 \\ \hline 480 \end{array}$ $+ 9 \\ = 489$	
---	---	--



Sitawuphindze sisebentise indlela yaBusi naDumi kwengeta.

a.  $245 + 231$

Indlela yaBusi

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



Indlela ya-Dumi

$$\begin{aligned}
 &\cancel{\begin{array}{r} 245 \\ + 231 \\ \hline 476 \end{array}} \\
 &= 400 + 70 + 6 \\
 &= 476
 \end{aligned}$$

b.  $278 + 136$

c.  $265 + 148$



Sitawusebentisa indlela yaBusi naDumi kunciphisa.

a.  $476 - 324$

Indlela yaBusi

$$\begin{aligned} &= 400 - 300 + 70 - 20 + 6 - 4 \\ &= 100 + 50 + 2 \\ &= 152 \end{aligned}$$



Indlela ya-Dumi

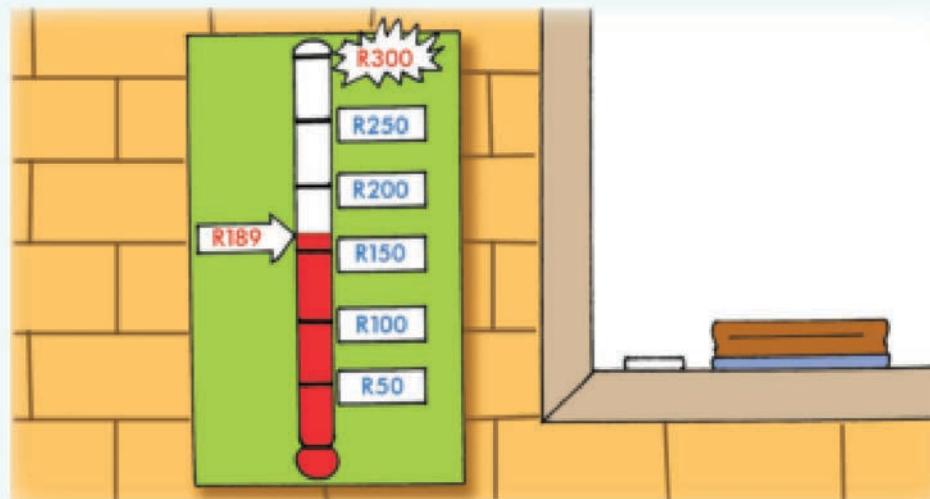
$$\begin{aligned} &\cancel{4} \cancel{7} 6 + \cancel{3} \cancel{2} 4 \\ &= 100 + 50 + 2 \\ &= 152 \end{aligned}$$

b.  $489 - 456$

c.  $482 - 161$



Kushaya inkoyoyo



Bukisisa lesifombe.

Kusele kanganani ushaye inkoyoyo?

R



Teacher:

Sign:

Date:

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Lusuku:

## Ithemu 2



### Lolonga Iwati Iwakho

Intsaba leyimfihlo

Yini ligama lentsaba lenkhulu eGauteng? Sebentisa lekhodi kutfola.  
Condzanisa imphendvulo ngayinye ethebuleni eluhlavini lolukukhodi.

A	B	C	D	E	F	G	H	I	J	K	L	M
I	2	3	4	5	6	7	8	q	IO	II	I2	I3
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
I4	I5	I6	I7	I8	I9	20	2I	22	23	24	25	26

Tinombolo temikhondvo	Imphendvulo	Luhlavu
Sibonelo: $2 \times 3 \times 3 \times 1 = \square$	I8	R
$50 + 50 + 50 + 100 - 200 - 45 = \square$		
$1 + 2 + 7 + 10 + 7 + 1 - 14 = \square$		
$60 - 30 + 50 + 20 - 50 - 15 - 20 = \square$		
$3 + 2 + 7 + 1 + 2 + 1 + 3 = \square$		
$5 + 3 + 30 = 4 + 2 + 12 + \square$		
$100 - 5 - 70 = 20 + \square$		
$36 + 44 - 60 - 22 = \square$		
$10 + 15 = 14 + \square$		
$2 + 1 + 14 + q + 14 = 25 + \square$		
$1 \times 2 \times 2 \times 2 \times 2 = \square$		
Ligama lentsaba yi		



Buka! Cabanga, futsi uphendvule!



- a.
- Lutawuba njani lumphawu lwa-16? Faka lumphawu (✓) loku lokunguko.      ⚡ ⚡ ⚡
- Lutawuba njani lumphawu lwa-18? Faka lumphawu (✓) loku lokunguko.      ⚡ ⚡ ⚡
- Lutawuba njani lumphawu lwa-23? Faka lumphawu (✓) loku lokunguko.      ⚡ ⚡ ⚡
- b.
- Nombolo 50 utawuba ⚡.      Liciniso nobe Akusilo liciniso?
- Nombolo 100 utawuba ⚡.      Liciniso nobe Akusilo liciniso?
- Nombolo 28 utawuba ⚡.      Liciniso nobe Akusilo liciniso?



Ngukuphi lokungetulu?

Kutfola R2,50 ngelilanga imali yekudla  
ngeNhlaba nangaKholwane noma  
kutfola R150 imali yonkhe yemphako  
waletinyanga totimbili. Khombisa kutsi  
ukubale njani loku.

Hlola. Catsanisa. Lungisa.



Teacher:  
Sign:  
Date:

11 12 13 14 15 16 17 18 19 20

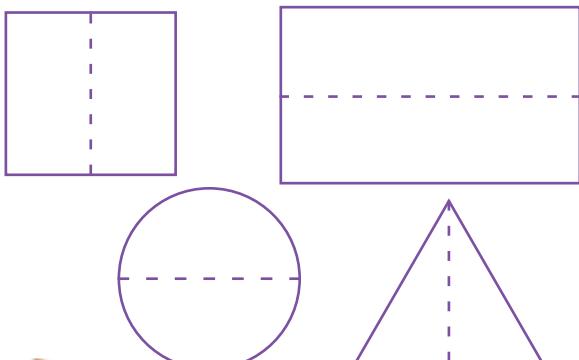
48

Lusuku:

Ithemu 2

## Umugca-sibuko

Yini lokunakako ngalabobunjwa?



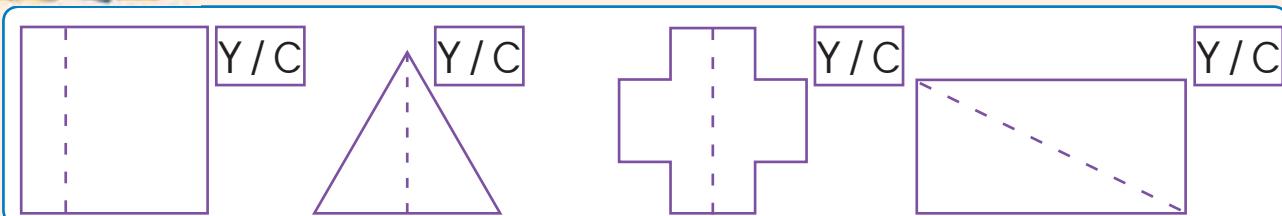
Dvweba umugca wesitfunti-mafanana waloyo naloyo bunjwa.

Umugca wesitfunti-mafanana ubhukula emkhatsini bohhaf u lababili kwente kutsi ihhafu iyinye if anane ncwe naleya lenye njengesitfunti esibukweni.

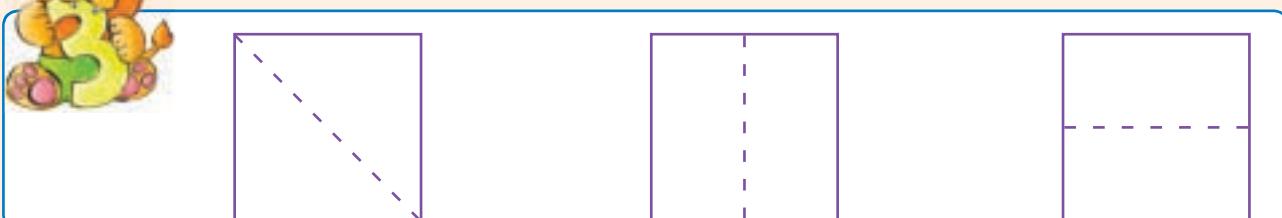
Bunjwa uba nesitfunti-mafanana uma ungamgoba emugceni wesitfunti-mafanana lapho khona labohhaf u lababili bafana njengemaphahla.

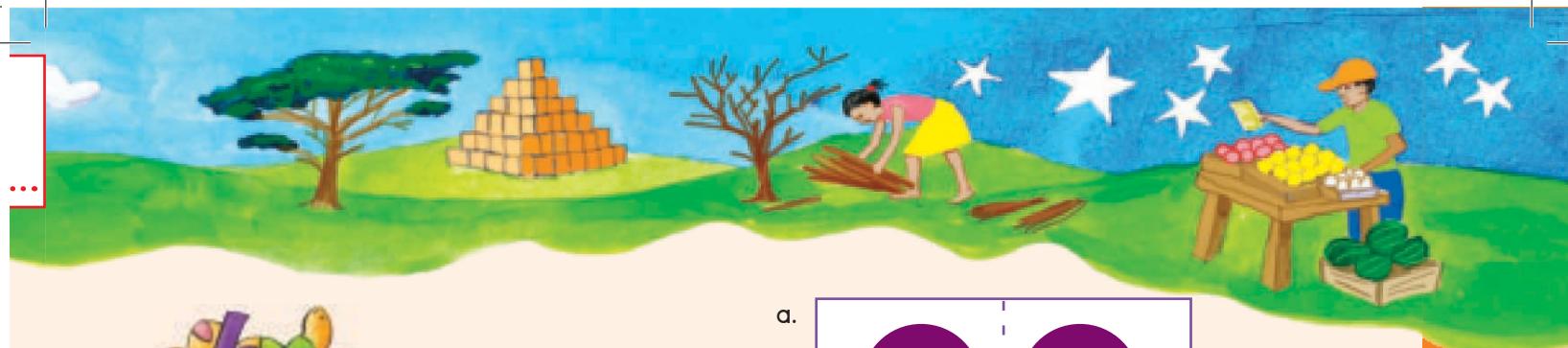


Umugca longemacashata ngabe ngewesitfunti-mafanana noma cha?  
Kipilitela (Yebo) noma (Cha).



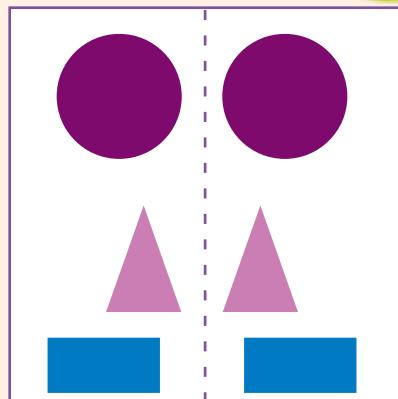
Ngabe nguwo umkhatsi-layini locondzile lo? Usho ngani?



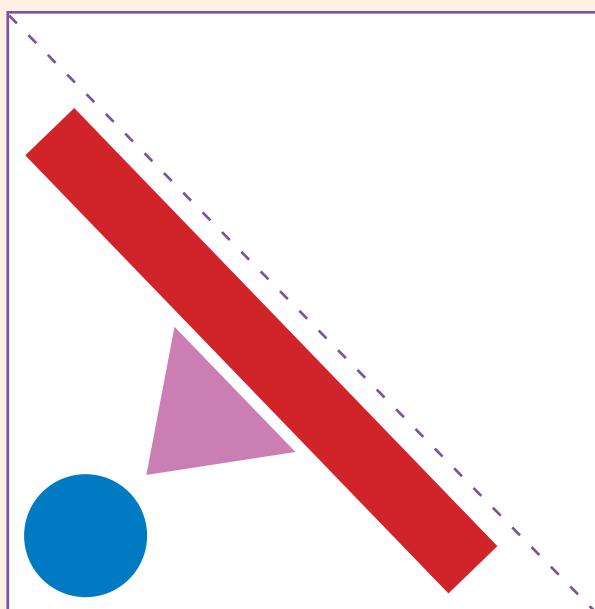


Dvweba bobunjwa kwenta sitfombe  
sesitfunti-mafanana. Sikwentele  
sibonelo sekucala.

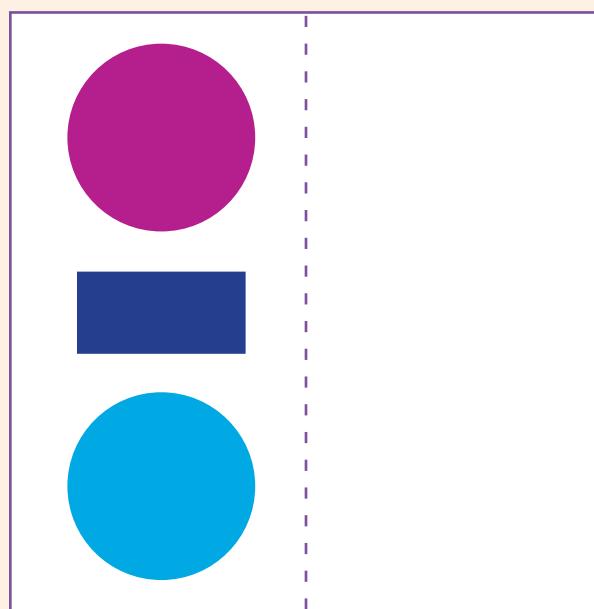
a.



b.



c.



Yakha lakakho  
licansi  
letitfunti-  
mafanana  
usebentise  
bobunjwa.



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

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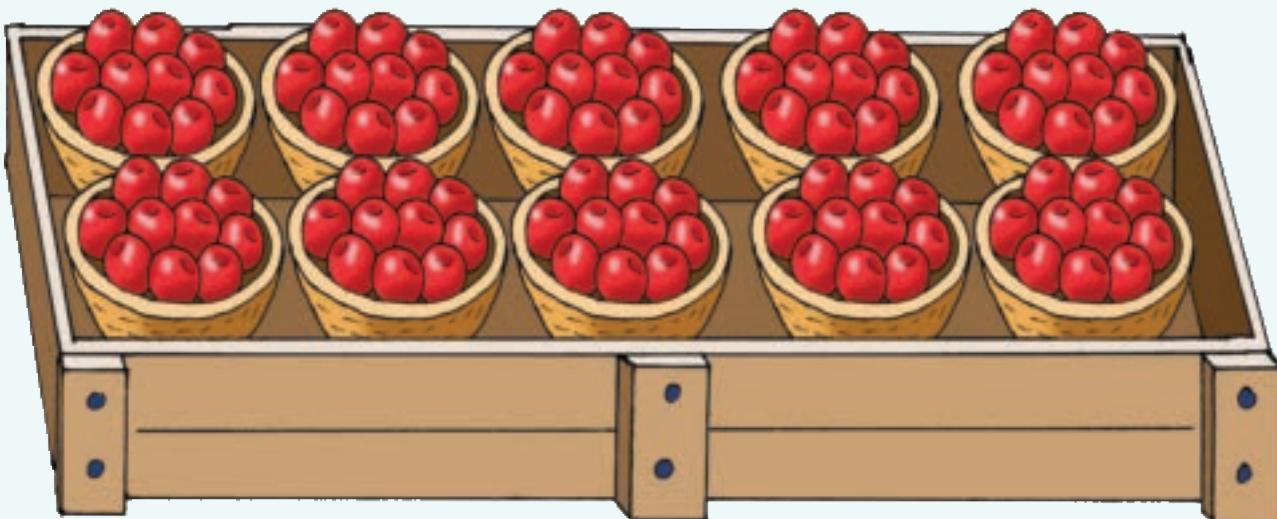
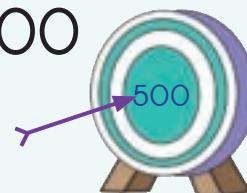


Lusuku:



Kwakha kufika kuma - 500

Kubala lamahhabhula



Cedzela bese uyaphindzaphindza.

Libhasikidi li-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 _____.	
I 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.

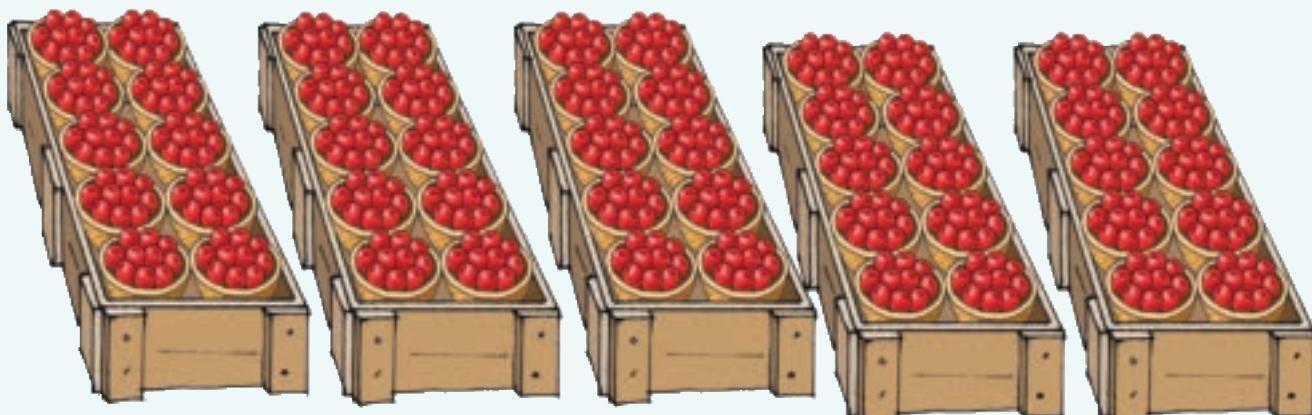


Kunemahhabhula lali -10 ebhasikidini yi -I.

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.

$$3 \text{ emakasi } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} + 4 \text{ emabhasikidi } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} + 5 \text{ Emahhabhula } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} = 345 \text{ emahhabhula}$$

$$4 \text{ emakasi } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} + 5 \text{ emabhasikidi } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} + 7 \text{ Emahhabhula } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} = \underline{\quad} \text{ emahhabhula}$$

$$5 \text{ emakasi } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} + 2 \text{ emabhasikidi } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} + 3 \text{ Emahhabhula } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} = \underline{\quad} \text{ emahhabhula}$$

$$4 \text{ emakasi } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} + 7 \text{ emabhasikidi } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} + 2 \text{ Emahhabhula } \begin{array}{|c|} \hline \text{apple} \\ \hline \end{array} = \underline{\quad} \text{ emahhabhula}$$



50

Lusuku:

## Ithemu 2

# Kuphindzaphindza nekwaba nga (10)



Kubala emahhabhula.

Gcwalisa lelithebula.

Mangakhi emabhasikidi lacukatsa emahhabhula?

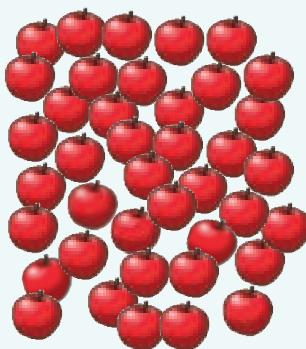


Emahhabhula	10	20	30	40	50
Emabhasikidi	1	2			
÷ sibalo					$50 \div 10 = 5$
× sibalo					$5 \times 10 = 50$



a.

Yabela bantfvana emahhabhula. Yenta sibalo sekwaba nesekuphindzaphindza kuhlolisia inphendvulo yakho.

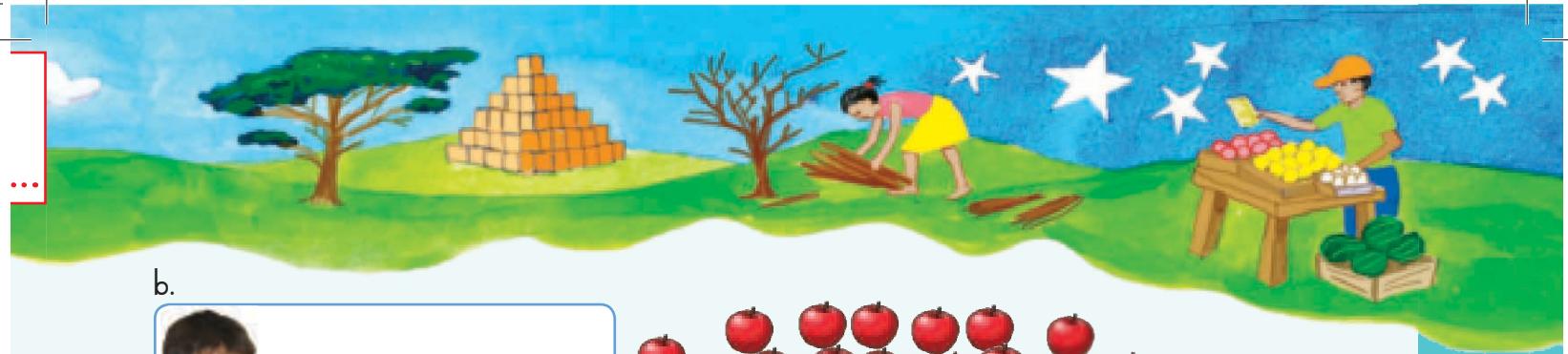


Hlola timphendvulo takho

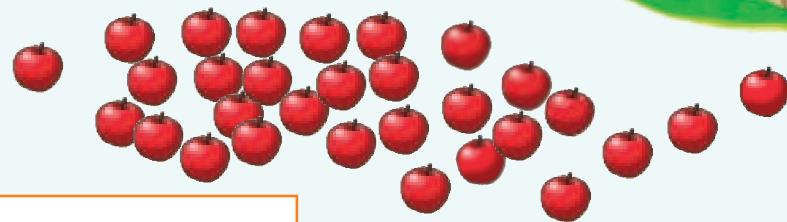
$$\square \div \square = \square$$

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





b.



Bhala sibalo se ÷



Bhala sibalo se  
× kuhlolisia  
timphendvulo takho.



Sebentisa letinombolo kwenta yakho imishonombolo.



Imishonombolo

$$\div \quad 40 \div 10 = 4$$

$$\times \quad 4 \times 10 = 40$$



$$\div \quad \boxed{\phantom{000}} \quad \times \quad \boxed{\phantom{000}}$$



$$\div \quad \boxed{\phantom{000}} \quad \times \quad \boxed{\phantom{000}}$$



$$\div \quad \boxed{\phantom{000}} \quad \times \quad \boxed{\phantom{000}}$$



Bhala inombolo lencane nga 10 nalenkhulu nga 10 kunaleyo leniketiwe.

$$\boxed{\phantom{000}}, 460, \boxed{\phantom{000}} \quad \boxed{\phantom{000}}, 390, \boxed{\phantom{000}} \quad \boxed{\phantom{000}}, 500, \boxed{\phantom{000}}$$



Teacher:

Sign:

Date:

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Lusuku:



## Bala ngaku-2

Balela phambili ngaku-2 nasemuva.

- 232; 234; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; 242; \_\_\_\_\_; \_\_\_\_\_; 248
- 500; \_\_\_\_\_; 496; \_\_\_\_\_; \_\_\_\_\_; 490; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_
- 460; \_\_\_\_\_; \_\_\_\_\_; 400; \_\_\_\_\_; 360; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_
- 341; \_\_\_\_\_; 361; \_\_\_\_\_; \_\_\_\_\_; 391; \_\_\_\_\_; 411; \_\_\_\_\_; \_\_\_\_\_



Emapheya  
emagilavu



- Mangakhi emapheya emagilavu kuluhlu lunye? \_\_\_\_\_
- Mangakhi emagilavu lahamba ngalinye kuluhlu lunye? \_\_\_\_\_
- Tingakhi tinhlu? \_\_\_\_\_
- Mangakhi emagilavu sekawonkhe? \_\_\_\_\_
- Khombisa kutsi ubale njani.
- Bhala imphendvulo yakho njengemushonombolo.  
\_\_\_\_\_ × \_\_\_\_\_ = \_\_\_\_\_



Mangakhi emagilavu?

Bhala kumathebula.

a.

Lipheya									
Linani lemgilavu	2								

b.

Ligilavu linye	20	21	70	73
Emapheya langentiwa				
Emgilavu lahamba ngalinye lasele				



Bala ngakubili.

a. Nguyiphi inombolo leba semkhatsini waleti?

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

b. Bhala tinombolo letimbili letilandzelako.

373, 375, <u>377</u> , <u>379</u>	480, 482, _____, _____	262, 264, _____, _____
-----------------------------------	------------------------	------------------------

c. Bhala tinombolo letimbili letilandzelako.

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



11 12 13 14 15 16 17 18 19 20



### Kulungisellela kwenta ingadze

Make Mabena unemathayili lamahle.

Uwasebentise kupheva indzawo tsite engadzeni yakhe.

Kunemathayili lasi - 6 lalinganako.



Ngenegeta luhlu lu - 1 ngemathayili lasi - 6 ngeluhla.	Ngenegeta tinhlu leti - 2 ngemathayili lama - 3 ngeluhlu.	Ngenegeta tinhlu leti - 3 ngemathayili lama - 2 kuluhlu lunye.

$6 \times 1 = 6$

$3 \times 2 = 6$

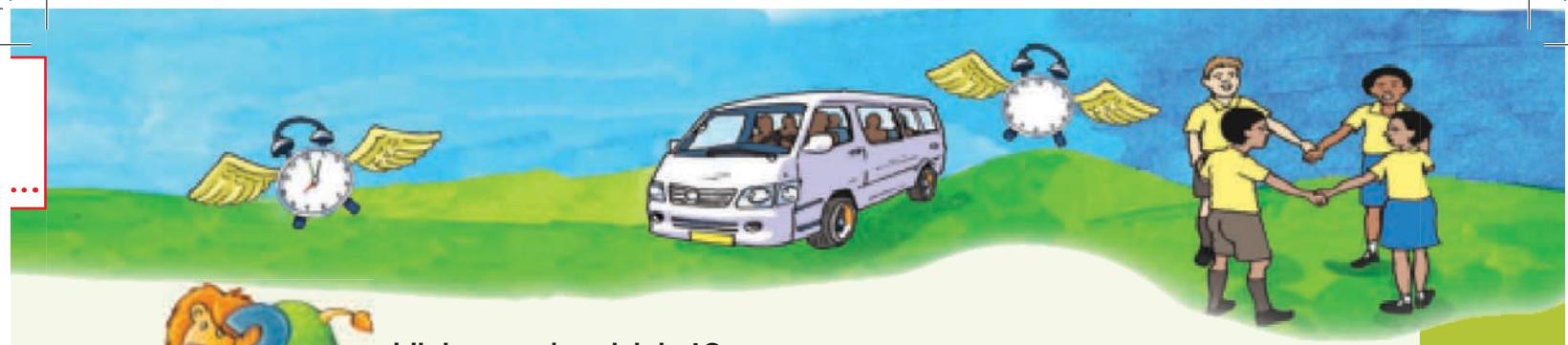
$2 \times 3 = 6$

### Nyalo sekulitfuba lakho!

Faka umbala kumabhuloki kukhombisa kutsi ungawahlela njani emathayili lasi - 8 ne - 9 lasi kwele.

8 tikwele	9 tikwele

Bhala imishonombolo kumdvwebo ngamunye.



## Hlela emathayili lali - 12

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

Sibonelo:	$1 \times 12 = 12$ $12 \times 1 = 12$



## Hlela emathayili langema - 24

- Sebentisa legridi koLokujutjiwe 2.
- Hlobisa ngetindlela letehlukene kute uvale emabhluloki langema - 24.
- Bhala imishonombolo kucatsanisa umdvwebo ngamunye.

--



## Ngingaphindzaphindza!

$12 = 2 \times$ <input type="text"/>	$3 \times$ <input type="text"/> $= 12$	$9 =$ <input type="text"/> $\times 3$
$6 = 3 \times$ <input type="text"/>	<input type="text"/> $\times 3 = 12$	$24 = 3 \times$ <input type="text"/>



53



## Ngeti-5 kuya ku ma-500



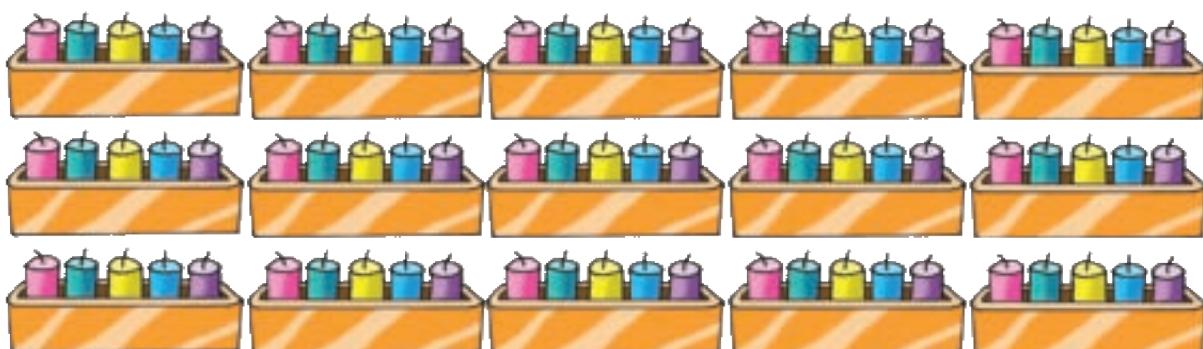
**Yati ti-5 takho**

Gcwalisa letimphendvulo.

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



**Bala lamakhandlela**



- Mangakhi emakhandlela ebhokisini ngalinye? \_\_\_\_\_
- Mangakhi emabhokisi eluheleni ngalunye? \_\_\_\_\_
- Mangakhi emakhandlela eluheleni ngalunye? \_\_\_\_\_
- Mangakhi emakhandlela sekawonkhe? \_\_\_\_\_



**Khombisa imphendvulo yakho**

Faka lumphawu (✓) imishonombolo lekhombisa linani leliphelele lemakhandlela.

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



## Balela phambili nasemuva ngeti-5

- 85; \_\_\_\_\_; \_\_\_\_\_; 70; \_\_\_\_\_; \_\_\_\_\_; 55; \_\_\_\_\_; \_\_\_\_\_
- 240; \_\_\_\_\_; \_\_\_\_\_; 255; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; 280
- 405; \_\_\_\_\_; 395; \_\_\_\_\_; \_\_\_\_\_; 380; \_\_\_\_\_; \_\_\_\_\_; 365; \_\_\_\_\_



## Gcogca tindibilishi tabo R5



Bantwana bakoleka boR5. Baswela kwenta bangakhi boR5?

$R5 \div R5$ = 1 indibilishi	$R10 \div R5$ = 2 tindibilishi	R15? _____	R20? _____	R25? _____
R30? _____	R35? _____	R40? _____	R45? _____	R50? _____

$$2 \times R5 = \boxed{R}$$

$$4 \times R5 = \boxed{R}$$

Ngabe uyajibona lephethini?

$$3 \times R5 = \boxed{R}$$

$$6 \times R5 = \boxed{R}$$



## Phindzaphindza ngeti-5

Sibonelo: I  $\times$  5 = 5; II  $\times$  5 = 10; III  $\times$  5 = 15; IV  $\times$  5 = 20

Cabanga ngekuhlakanipha! Yakha ngetintfo lotatiko!

I	2	3	4	5	6	7	8	9	10
5	10								
II	I2	I3	I4	I5	I6	I7	I8	I9	20
55									



I I2 I3 I4 I5 I6 I7 I8 I9 20

## Kusebenta ngesikhatsi

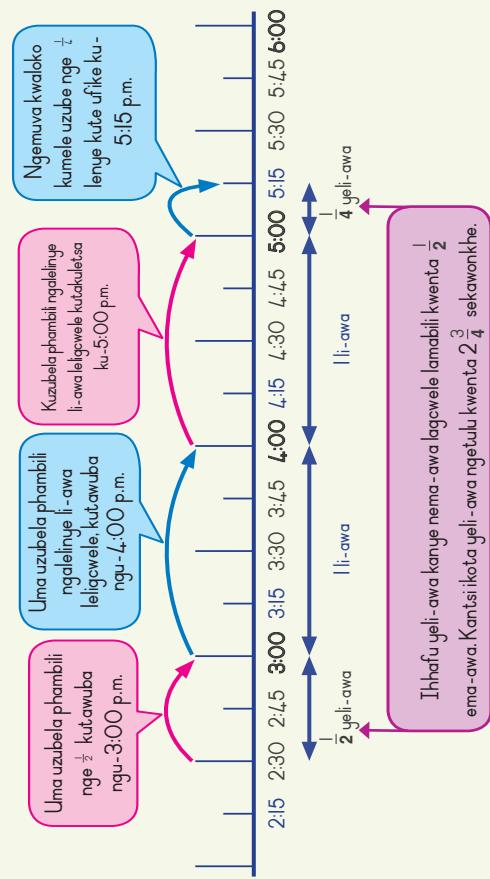


Dwweba letikhatsi

				2:45	6:15	4:30
Kugabence insimbi yesi -5	Kusele emashumi lasihanu kutsi kusnaje insimbi yelishumi nakunge	Imizazu leishumi nesihonu ishauje insimbi yesi -12				

## Inkinga yesikhatsi

Ma ke wa Nomsa usuka ekhayanya - 2:30 p.m.  
Ubuya emuva ekhayanya - 5:15 p.m. Uhambé  
sikhatsi lesingakanani?



Tinkinga tesikhatsi  
Catulula inklinga ngayinye. Sebentisa imigcasikhatsi kukuista.

- a. Queenie uvakashela Babe wakhe emtfolamphilo  
nga-15:45 p.m. Usuka nga-17:15 p.m.

Uvakashe sikhatsi lesingakanani?




Bukka. Catsuansia. Lungisa.

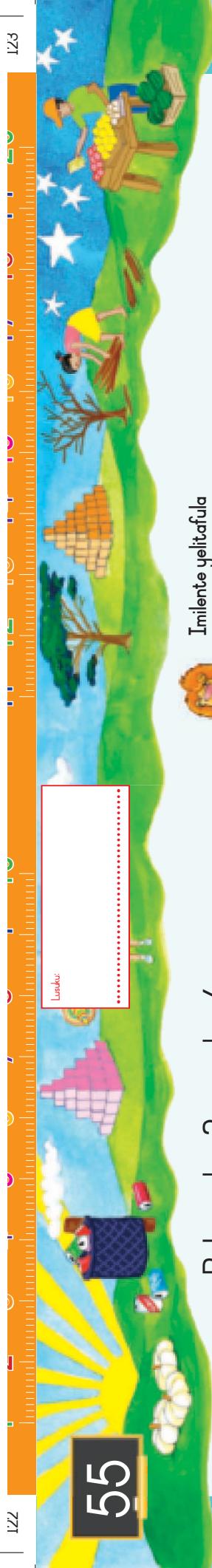
Catulula inklinga ngayinye. Sebentisa imigcasikhatsi kukuista.

a. Queenie uvakashela Babe wakhe emtfolamphilo  
nga-15:45 p.m. Usuka nga-17:15 p.m.

Uvakashe sikhatsi lesingakanani?

b. Musa uya apaki nga-10:45 am.  
Ubuya ekhayaya nga-12:30 p.m.  
Uhambé sikhatsi lesingakanani?

c. Tumi ucalá kufundza nga-13:15 p.m.  
Ucedza nga-14:45 p.m.  
Ngabé Tumi ufundze sikhatsi lesingakanani?



## Bala ngaku-3 nangaku-4

Emabhodo lanimilente lemi-3



Hanganisa bese  
ubhalat timphendvoo

- a. Mangakhi emabhodo eluheleni? \_\_\_\_\_

- b. Mingakkhi imilente eluheleni? \_\_\_\_\_

- c. Mangakhi emahelo ematafula? \_\_\_\_\_

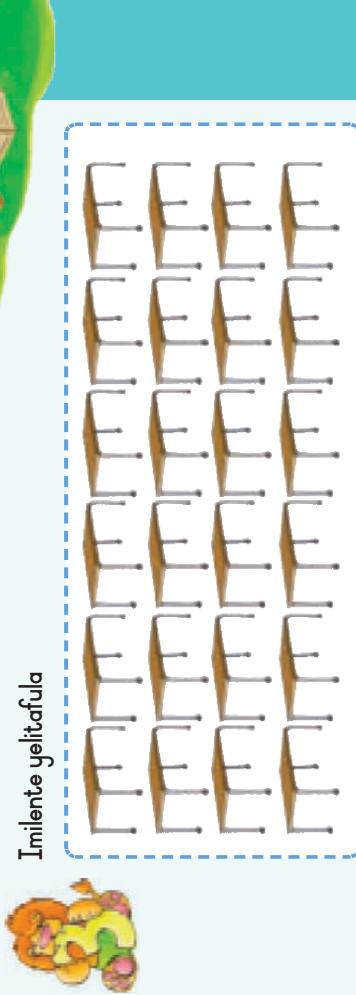
- d. Mingakkhi imilente seyijonkhe? Khombisa kutsi ukubale njani loku.

Nagumuphi umusho nombolo lokhombisa sekukonkhe.  
 $21 \times 7 = \square$     $3 \times 7 \times 3 = \square$     $3 \times 4 \times 2 = \square$     $21 \times 3 = \square$

Mingakkhi imilente?

Cabanga ngekukshesha  
Cabanga ngekuklakanjipa

libhodo	3	imilente	10	imilente	5	imilente	12
emabhodo	2	imilente	15	imilente	6	imilente	14
5	imilente	13	imilente	8	imilente	16	imilente



- a. Mangakhi ematafula eluheleni? \_\_\_\_\_
- b. Mingakkhi imilente eluheleni? \_\_\_\_\_
- c. Mangakhi emahelo ematafula? \_\_\_\_\_
- d. Mingakkhi imilente seyijonkhe? Khombisa kutsi ukubale njani loku.



Umboti wakha ematafula. Ucale akhe imilente.  
Sewakhe ema-48 kwanjalo. Mangakkhi ematafula langawakha?

Kumeli akhe mingakkhi leminye imilente yelitafula linye?



Cedzela legridi ngekugcwalisia timphendvoo.

	2	3	4	5	8	10	11	12
× 3								
× 4								

11 2 3 4 5 6 7 8 9 10

125

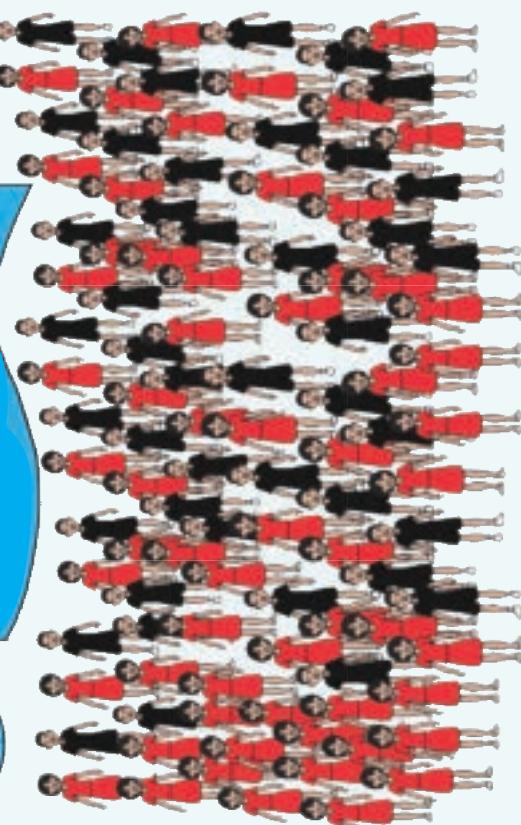
Umtfswana munye, ingubo yinye!

Bangakhi bantfvana? Linganisa, bese ugabala.

### Sita bantfvana



**Ngubo yetitsema**  
Futfuneta bantfwanafwabefu  
NPO 123-098



Bonkhe labantfvana esitfombeni batfola ingubo.  
Bangakhi bantfvana labapho? \_\_\_\_\_

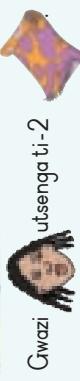
Linganisa	Bala	Catsanisa

Bangakhi ☺ bafana? \_\_\_\_\_ Mangakhi ☺ emantfombatana? \_\_\_\_\_

### Ngumalini lebamphadako?

Nikelə nyalo!

R50 ingubo  
yi-1



Gwazi  
utsenga ti-2

Ubhadda

Make Chaane  
utsenga si-5

Ubhadda

Baka-Thembu Stores  
batseng ema-20

Bobhadda

R

5	ngema-R50 = R250	10	1 ngema-R50 = R500
4	ngema-R50 = R _____	15	1 ngema-R50 = R _____
3	ngema-R50 = R _____	6	1 ngema-R50 = R _____
7	ngema-R50 = R _____	12	1 ngema-R50 = R _____
8	ngema-R50 = R _____	q	1 ngema-R50 = R _____



### Kutawutsatsa sikhatsi lesingakanani? Sebentisa ikhalenda.

Likilisi lelibanga 3 ligogca imali yekutsenga tingubo leti-4.

Bagogca R5 ngelilangga ngemalanga losi-5 ngeliviki.

Badzinga mangakhi emaviki kukoleka imali yaletingubo?



Teacher:

Sign:

Date:

## Emafrakishini: bohhafu nemakota

Yaba emabholo ngekulingana emkhatsini wemabhokisi



<ul style="list-style-type: none"> <li>Mangakhi emabholo ebhokisini linje?</li> <li>Mangakhi emabholo ebhokisini leisamsobo?</li> <li>Ngubani ifrakishini yemabholo lesebhokisini leisamsobo?</li> </ul>	<ul style="list-style-type: none"> <li>Mangakhi temabholo abhokisini linje?</li> <li>Mangakhi temabholo abhokisini leisamsobo?</li> <li>Ngubani ifrakishini yemabholo lesebhokisini leisamsobo?</li> </ul>

Buka letifombe bese uphendula imibuto.



<p>Tingakhi tindilinga longatibola?</p> <p>Ngubani <math>\frac{1}{2}</math> yetindilinga?</p>	<p>Tingakhi tindilinga longatibola?</p> <p>Ngubani <math>\frac{1}{4}</math> yetindilinga?</p> <p>Ngubani <math>\frac{2}{4}</math> yetindilinga?</p> <p>Ngubani <math>\frac{3}{4}</math> yetindilinga?</p> <p>Ngubani <math>\frac{4}{4}</math> yetindilinga?</p>

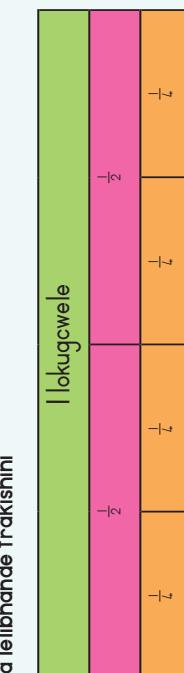
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Ilokugwele



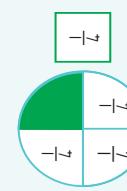
a. Bangakhi bohhafu ( $\frac{1}{2}$ ) abakha kunye lokugwele?

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

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



b. Buka temidwewe bese ubhala ifrakishini yencenye lefakwe umkala.

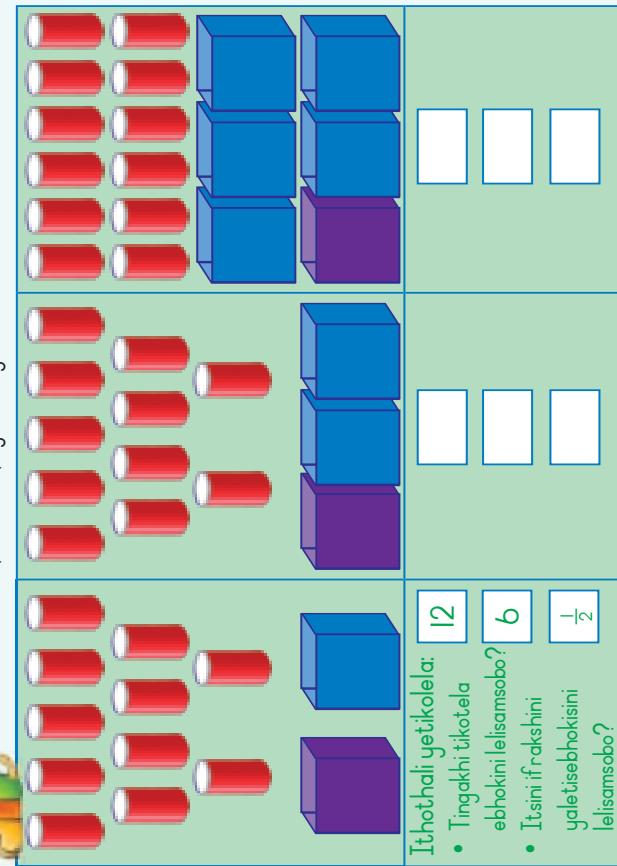


c. Ngujiphifrakishini lenkhulu  $\frac{1}{2}$  nomq  $\frac{1}{4}$  ?

11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20

## Emafrakishini: bohhafu, boncenyestifupha naboncenyestifupha

Yaba tukotela (emasilinda) ngadolulingandako emabokisini.



Ithathali yetikotela:

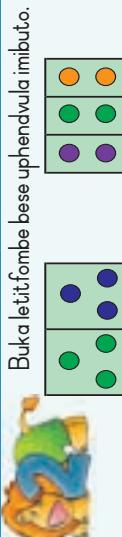
• Tingakhi tukotela ebokini leisamsobo?

• Itsinifrakshini yetisebhokisini leisamsobo?

12

6

$\frac{1}{2}$



Buka letitofombe bese uphendula imibuto.



Tingakhi tindilinga longatibala?

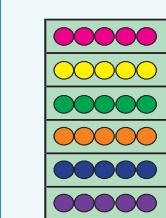
Ngubani  $\frac{1}{3}$  wetindilinga?

Ngubani  $\frac{2}{3}$  wetindilinga?

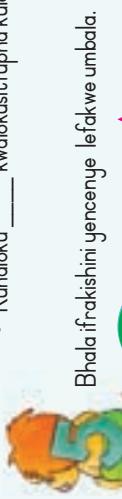
Ngubani  $\frac{3}{3}$  wetindilinga?

Ngubani  $\frac{4}{6}$  wetindilinga?

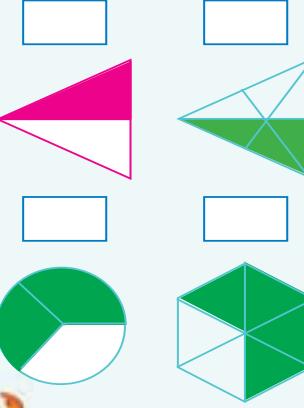
Ngubani  $\frac{5}{6}$  wetindilinga?



Bhalaifrakishini yencenyе lefakwē umbala.



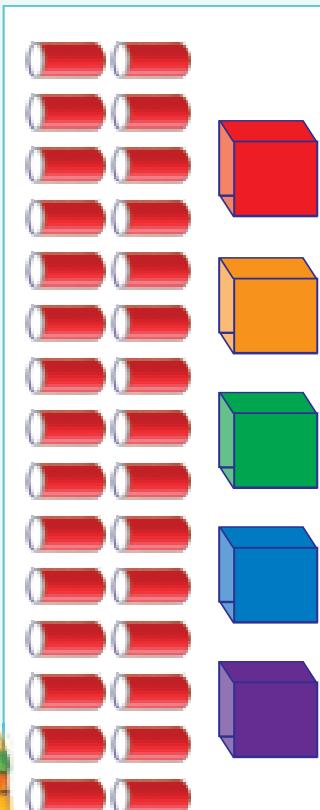
- Kiplitela ifrakishini lenkhulu.
- a.  $\frac{1}{2}$
  - b.  $\frac{1}{2}$
  - c.  $\frac{2}{6}$



5q

## Emfrakishini: boncenyeħħanu

Yaba tikotela emabħokisini.

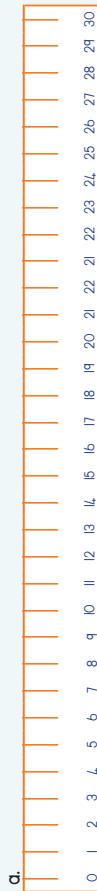


- Ku-  $\frac{1}{3}$  emabħokisi kunetikotela letingu
- Ku-  $\frac{2}{5}$  emabħokisi kunetikotela letingu
- Ku-  $\frac{3}{5}$  emabħokisi kunetikotela letingu
- Ku-  $\frac{4}{5}$  emabħokisi kunetikotela letingu
- Ku-  $\frac{5}{5}$  emabħokisi kunetikotela letingu

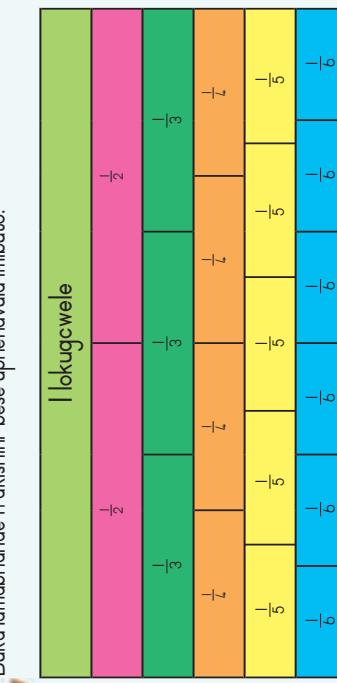
Ithemu 2

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Faka umbala ku- $\frac{1}{5}$  welithluzi lekukala.



Kipilitela lokukħulu noma lokuncane

- a.  $\frac{1}{2}$  mukħulu / muncane kuna  $\frac{1}{4}$ .
- b.  $\frac{1}{3}$  mukħulu / muncane kuna  $\frac{1}{2}$ .
- c.  $\frac{1}{5}$  mukħulu / muncane kuna  $\frac{1}{6}$ .
- d.  $\frac{1}{6}$  mukħulu / muncane kuna  $\frac{1}{3}$ .
- e.  $\frac{3}{6}$  mukħulu / muncane kuna  $\frac{2}{5}$ .



Buka titfombe bese upphenduva imbuto.

Mangħekki emashħokaledi ebħokisini?

- incenye-sħilanu wemashħokaledi ujingana na
- tinċenye-sħilanu tibni wemashħokaledi ujingana na
- tinċenye-sħilanu tintsa fu wemashħokaledi ujingana na
- tinċenye-sħilanu tieu wemashħokaledi ujingana na
- tinċenye-sħilanu leti sħilanu wemashħokaledi ujingana na
- Ngaleliniex lilangha ngadla i- $\frac{1}{5}$ . Kusele mangaki emashħokaledi?
- Ngaleliniex lilangha ngaphindze ngadla i- $\frac{1}{5}$ . Kusele mangaki emashħokaledi?

11 12 13 14 15 16 17 18 19 20

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2014/05/08

9:14 AM

60

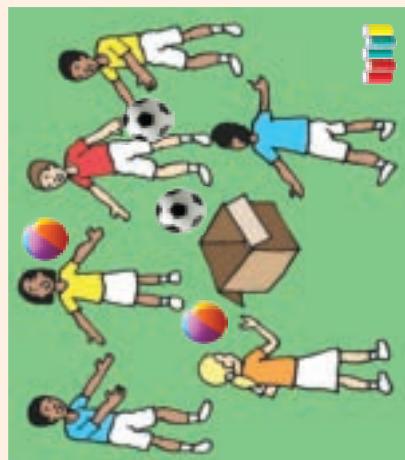
Itthemu 2

## Tintfo letibusontsatu (i3D)

Bala emabbhokisi (emaprizimu).

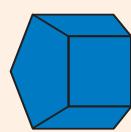
Bala emabbla (tiyingiliti).

Bala emasilinda.

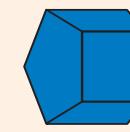
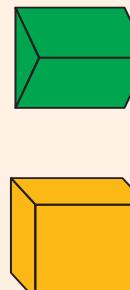


Loku konkhe ngemabhokisi.

Sebentisa Lokusikiwe lishadi 3 na 4 kwakha loku.



Yorke indzawo lesicabati kutsiwa buso. Namatsela mandzamanda munye ebusweni ngabunye kulambbhokisi. Bungakhi buso lonamatselise kubo:



ikhyubhu



iphrizimu

Buso bemaprizimu bulucabati noma bujindilinga?



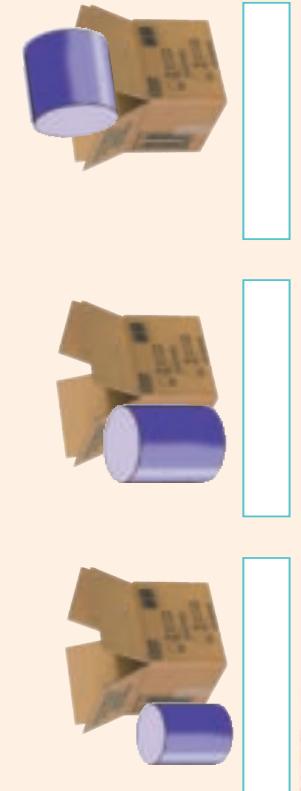
Nyalo - ke yakhha umbhoshong'o lokulokusikiwe lishadi 4.

Buso besilinda bulucabati noma bujindilinga?

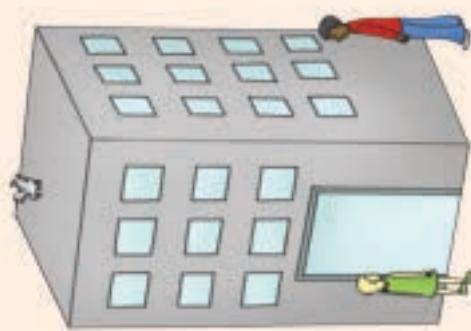
Sebentisa tintfo takho kwakha loku lkuklandzelako.

Sebentisa emagama kuchaza simondzawo sesilinda.

ngaseluhlangtsini



Sebentisa emagama langentasi kucedzela lemisho



Intfombatana ibuke \_\_\_\_\_ kweadkihi.

Indvodza ibuke \_\_\_\_\_ kweadkihi.

Inyoni ibuke \_\_\_\_\_ kweadkihi

eceleni

ngatulu

ngembli

Lusuku:

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

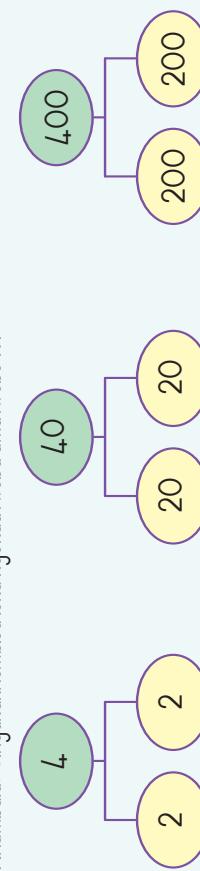
61

## Kuphindza nehhafu

Usakhumbla?

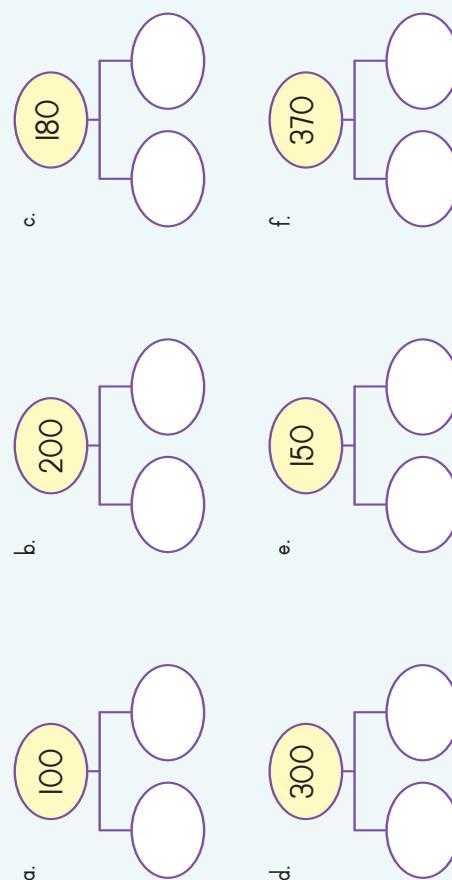
ku-2 ujihafu yø-4  
ema-20 ujihafu yø-40ema-400 ujihafu yø-400  
ema-4000 ujihafu yø-4000

Khumbula! Singakukhombisa loku ngekudweba umdwewebo ...



Kutfolia bohhafu

- a. 100
- b. 200
- c. 180
- d. 300
- e. 150
- f. 370

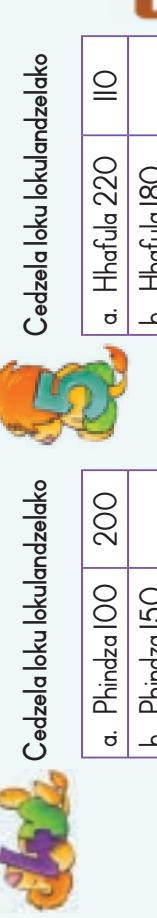
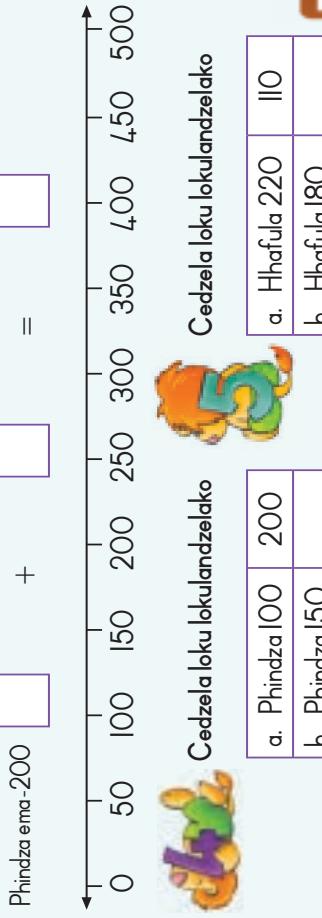
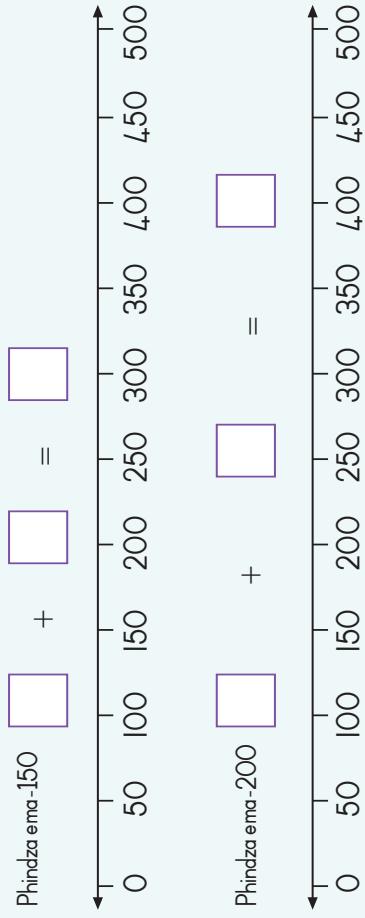
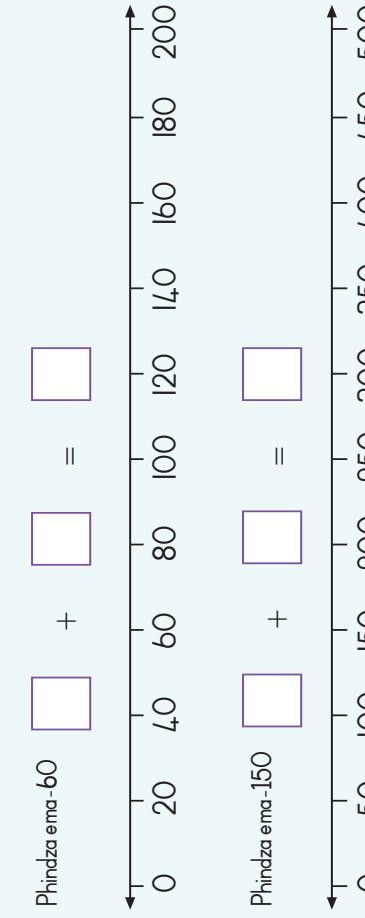
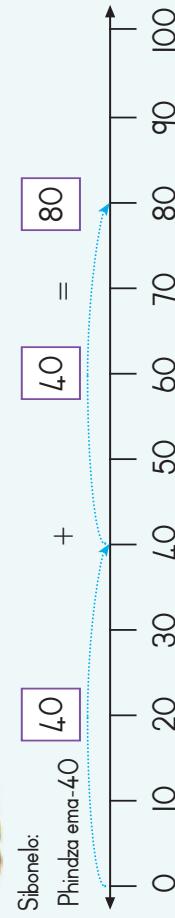


ku-4 kuphindvwø ku-2

ema-40 kuphindvwø ema-20

ema-400 kuphindvwø ema-200

Phindza letinombolo usebentisa umugca nombolo. Sibonelo sekucala wentelwe.



- |                |     |
|----------------|-----|
| a. Phindza 100 | 200 |
| b. Phindza 150 |     |
| c. Phindza 120 |     |
| d. Phindza 200 |     |
| e. Phindza 170 |     |

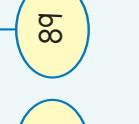
Teacher:  
Sign:  
Date:

b2

Ithemu 2

## Kuphindza kibili nehhafu kuyachubeka

Tfola lokuphindvwé kabili nobe emahhafu

- a.   73
- b.   148
- c.   q6
- d.   134
- e.   166
- f.   8q

## Kongela libhajisikili.

Peter wongema-R25 ngelivikilikutengwa libhajisikili.  
Kumela onge emaviki lamangakhi?

Imphendulvo:  Emaviki

## Endalini

Tonkhe letintfo titengengiswa ngelhafu yentengeng.  
Bhalalentengeng eceleni kwentifio ngayijue.

- a.   Tingyudo R190  
Intengeng yekutengengisa \_\_\_\_\_
- b.   Emashidi R154  
Intengeng yekutengengisa \_\_\_\_\_
- c.   Titulu R220  
Intengeng yekutengengisa \_\_\_\_\_

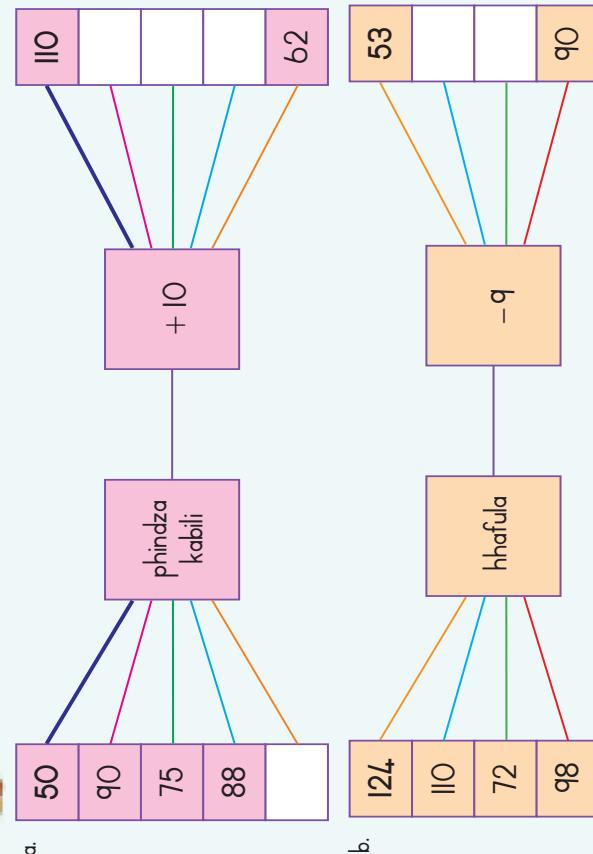
## Mangakkhi emarandi?

Musaufuna leihembe. Unehhafu kuphela yelinani.

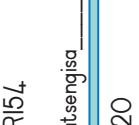
R35	Usadzinga malini? R _____
R7850	Ticatfulo taPeter tibita lokuphindvwé kabili kwendlulela.
R97	Liloko laPhindi liphindza kabili intengengo yeleli. Ngabe lilkwe laPhindi libita malini? R _____

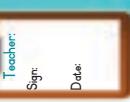
## Yini lengenako? Yini lephumako?

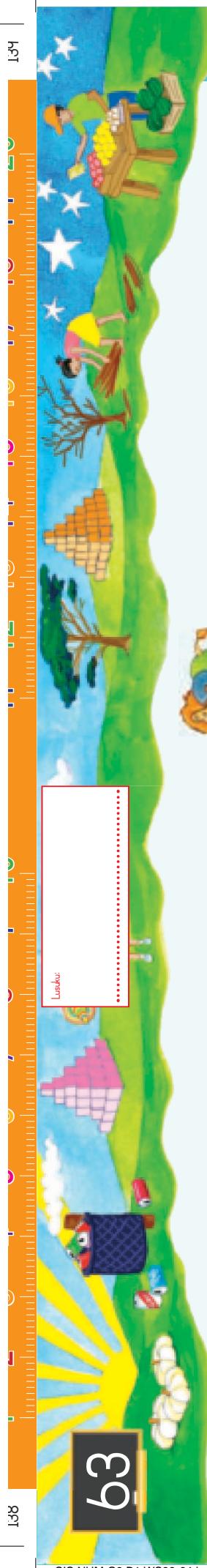
Lanzela lesibonelo. Gcwalisia tinombolo letingekho.



**Indali R450**  
Intengeng lehhafu liwe:  
beyijingu R900 

- b.  Emashidi R154  
Intengeng yekutengengisa \_\_\_\_\_
- d.  Titulu R220  
Intengeng yekutengengisa \_\_\_\_\_

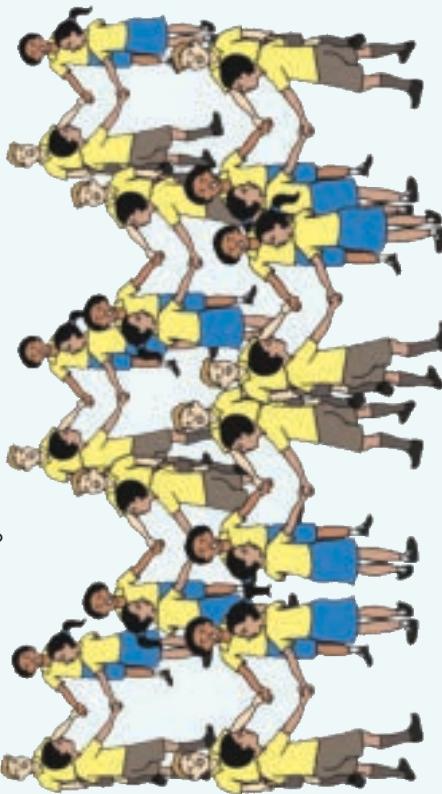




## Butsisa bese uyahlanganisa

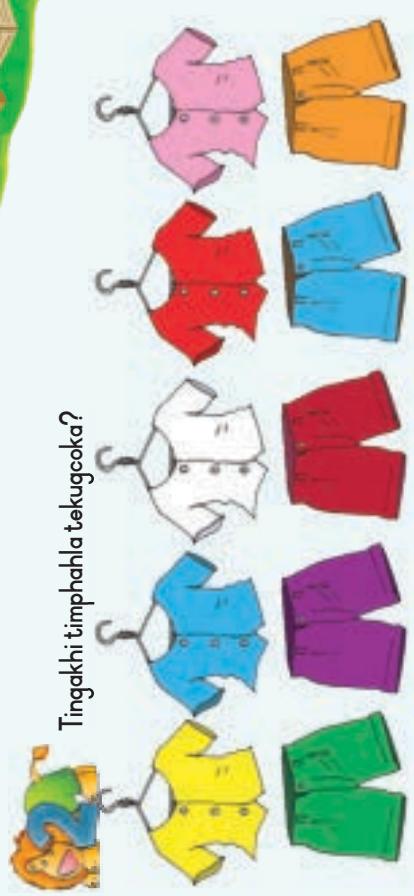
Beka ndzawonye labantfvana

Nkhs Ndaba ufuna kweHukanisa likilasi ngemacembu ebukhulu lobulingandako kutewudala ngaphondle. Kweku cala ubabekan ngemacembu aliba -4.



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Ithemu 2



Tingdkhi timphahla tekugcoka?

Phindi unemahembe lasi-5 emibala kanье nemabhuIukwana lasi-5 emibala.  
Tingdkhi timphahla tekugcoka letehlukene langatentia  
ngekusebentisa tinhlanganisela letehlukene temibala?

Sibonelo: Lihembe lellingangane/ emabhuIukwana lalingangane. Lihembe letingangane/  
emabhuIukwana aliphuti.  
Bhalaluhlavu Iweku cala Iwembala ngamunye. Khombisa tonkhе timphahla letingaba khona.



Teacher:  
Sign:  
Date:

Buka. Catsanisa.  
Lunjisa.

Cagel: Yini letawente ka uma ngabe Phindi anemahembe kanье nemabhuIukwana lasi-6 emibala  
letehlukene?  
Angenta timphahla tekugcoka letingakhi?

1 2 3 4 5 6 7 8 9 10

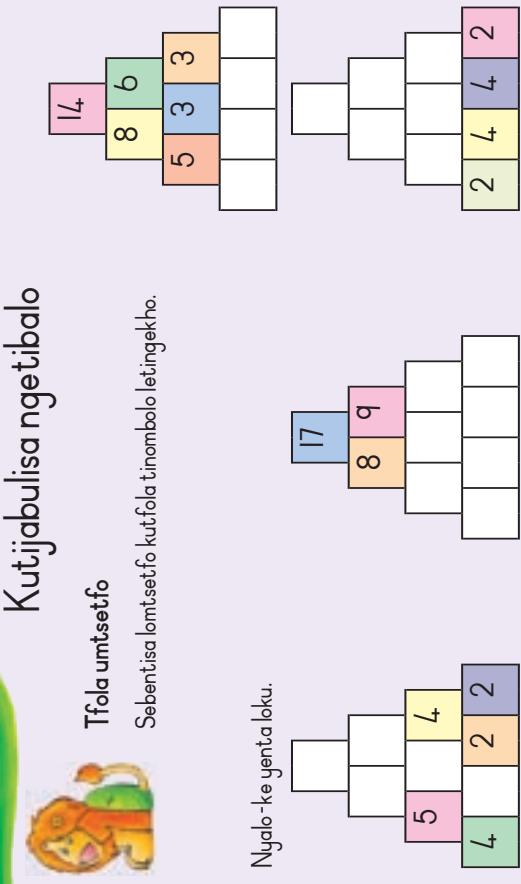
11 12 13 14 15 16 17 18 19 20

b4

## Kutijabulisa ngetibalo

Tfola umtsetfo

Sebentisa lomtsetfo kutifola tinombolo letingekho.



Itihemu 2

Kutifola tinombolo



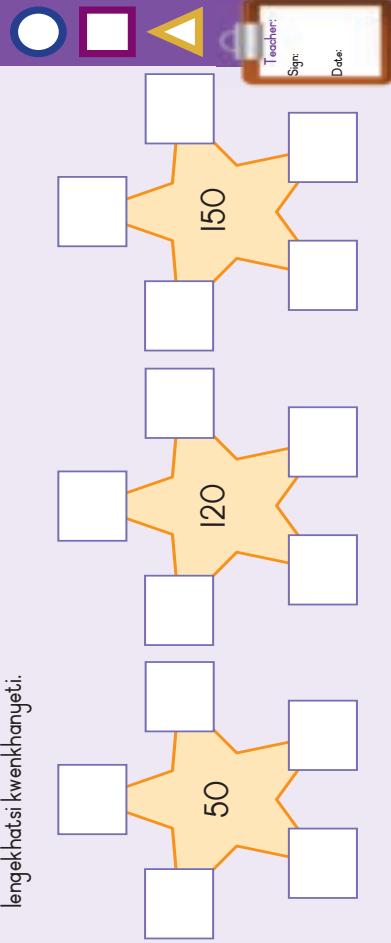
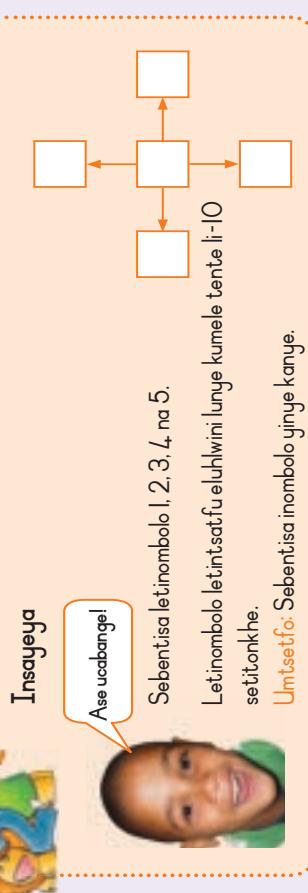
a. Umtsetfo: Tinombolo eluhleni ngalunye kumele tihlangana takhe li-16.

2	5	3	6
			2

b. Umtsetfo: Tinombolo leti-3, kuvundla nekuya phasi, tihlangana tente ithot halil efanako.

2	7	6	21
q		1	26
		3	8
			10

c. Umtsetfo: Bhala noma ngutiphi tinombolo leti-5 letihlangana takhe inombolo lengkhatsi kwenkhanjeti.



I	I	O	I	O	O
2	2	O	2	O	O
3	3	O	3	O	O
4	4	O	4	O	O
5	5	O	5	O	O
6	6	O	6	O	O
7	7	O	7	O	O
8	8	O	8	O	O
q	q	O	q	O	O

I O O

I O I

2 O O 2 O 2

3 O O 3 O 3

4 O O 4 O 4

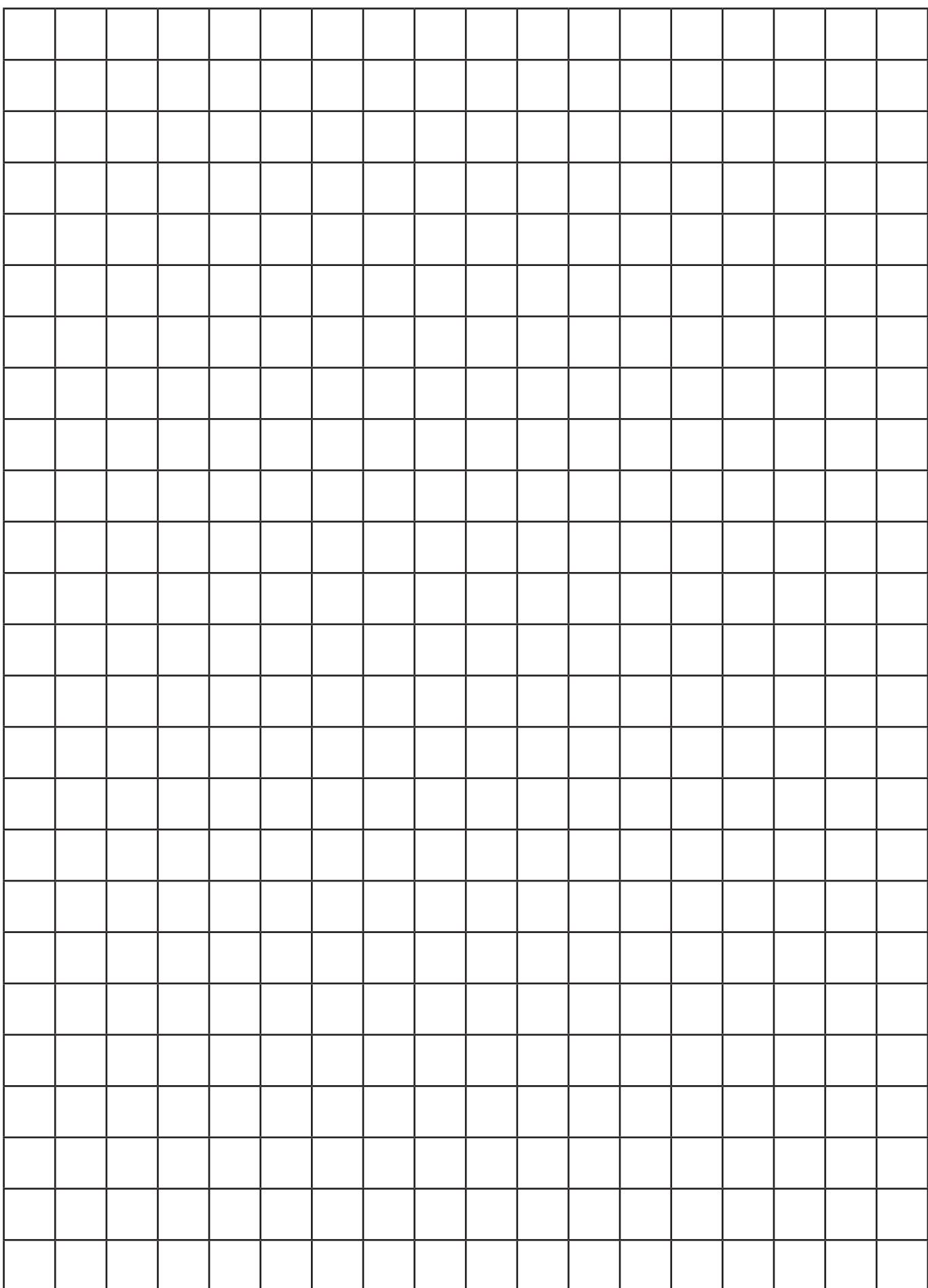
5 O O 5 O 5

6 O O 6 O 6

7 O O 7 O 7

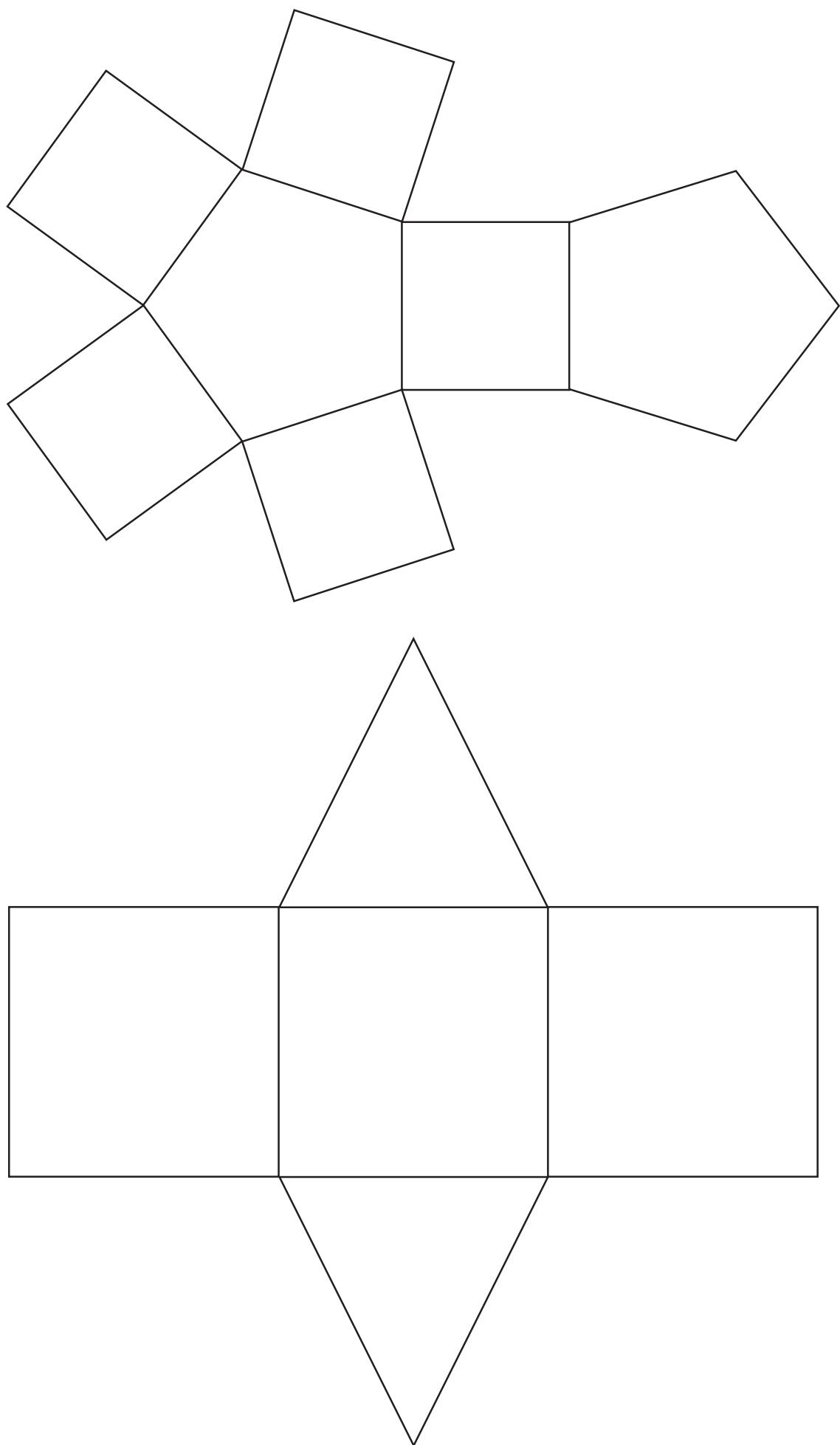
8 O O 8 O 8

q O O q O q





Cut-out 3





Cut-out 4

