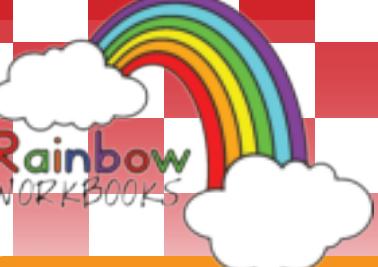


MATHEMATICS IN SISWATI
GRADE 3 – BOOK 1
TERMS 1 & 2
ISBN 978-1-4315-0012-3
THIS BOOK MAY NOT BE SOLD.
7th Edition



ISBN 978-1-4315-0012-3



9 781431 500123

Kufundza ngeMtsetfo Sisekelo weNingizimu Afrika (1996)
uMtsetfo-sisekelo waseNingizimu Afrika (1996) ucu ketse imitsetfo lesetulu yelive. Lemitsetfo ingetulu ngisho kwamengameli walive, tinkantolo kanye nahulumende. Ichaza kutsi bantu belive kumele baphatsane njani, nekutsi ayini emalungelo abo kanye nemitfwalo labanayo ngalabanye. uMtsetfo Sisekelo walive ukhonela kusivikela sonkhe nyalo kanye nebantwfabetfu ngakusasa.

Kufute sati ngeliumva letfu. Asingawaphindzi emaphutsa ayitolo. uMtsetfo Sisekelo usisita kutsi sicabange futsi sakhe likusasa lelihle lakhe wonke umuntfu.

Tsine, bantu baseNingizimu Afrika; Siyakubona kungabi khona kwebulungiswa esikhatsini lesengcile; Setfulela sigcoko labo labahlukunyeta kuze sitfole bulungiswa nenkhululeko eveni letfu; Sihlonipha labo labasebentile kwakha nekutfufukisa live letfu; Siyakholwa futsi kutsi iNingizimu Afrika yabo bonkhe labahlala kuyo, sihlangene ngekwehlukahlukana kwefu. Ngaloko-ke, ngetifunya lesitikhetsela tona ngenkhululeko, siywemukela loMtsetfo-sisekelo njengemtsetfo lophakeme kunayo yonkhe eRiphahulikhik kuze— Kupheliwe kwehlukana kwayitolo futsi kwakhiwe umphaktsi losekelwe yintsando yelinyenti, bulungiswa ekuphileni kanye nemalungelo-sisekelo ebuntfu; Kubekwe sisekelo sempakatsi wentsando yelinyenti, longenamfiho lapho khona hulumende abekwe ngetifiso tebantfu futsi sonkhe sakhamuti ngalokulinganako sivikelwe ngumtsetfo;

Kwentiwe ncono lizinga lemphiyo yetakhamuti tonkhe futsi kukhululwe emakhono emuntu ngamunye; futsi Kwakhiwe iNingizimu Afrika lehlangene futsi yentsando yelinyenti lekwati kutsatsa indzawo yayo leyiyifanele njengelive lelitibusako njengawo onkhe emave latibusako.

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

Tsatsa lilungelo lakho njengemntfu waseNingizimu Afrika bese utsatsa sigaba sakho kuvikela emalungelo alabanye. Wati uMtsetfo Hlongotwako wemalungelo akho kanye neMtsetfo Hlongotwako weMtfwalo lobhekene nemuntfu.



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

TIBALO NGESIswati – Libanga 3 Incwadzi |

ISBN 978-1-4315-0012-3



TIBALO NGESIswati

Kubuyeketiwe futsi kwahlelenjiswa ngekwema-CAPS

Libanga 3

Ligama:

Likilasi:

basic education
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

Incwadzi 1
Emathemu 1 & 2

A vibrant illustration depicting a classroom environment. In the foreground, there's a pink piggy bank with coins, a box of crayons, and several crayons scattered on a red surface. A large yellow triangle contains the number '2'. In the background, there's a calculator, a globe, and a hand holding a book. Several children are shown: one sitting at a desk, another standing, and others in the distance. A large orange arrow points upwards, containing the text 'Kubuyeketiwe futsi kwahlelenjiswa ngekwema-CAPS'. A large white cloud contains the number '3'. The overall theme is educational and colorful.

Lokucuketfwe

Inombolo	Sihloko	Likhisi
1	Bala, hlukanisa uphindze ukhombise!	2
2	Kubala ngekuhlakanipha	4
3a	Tinombolo ebhodini lelikhulu	6
3b	Tinombolo ebhodini lelikhulu (kuyachubeka)	8
4	Tikhundla	10
5	Kuhlanganisa nekususa	12
6	Kuphindza kabili nekuhafula	14
7	Emafrakishini	16
8	Kwehlukanisa imali	18
9	Emaphethini	20
10	Emabhola, emabhokisi nemiboshonga	22
II	Dweba, unikete ligama, bese ucatsanisa labobunjwa bebusobibili (i2D)	24
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I8	Emandla sikhundla kuya kuma -99	38
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24	Kutilolonga ngeti-5	54
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30a	Kwaba	68
30b	Kwaba (siyachubeka)	70
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32	Sesikhatsi	74

Inombolo	Sihloko	Likhisi
33	Hlosa kufika kuma-200	76
34	Kusebenta ngemacembu etinombolo	78
35a	Kubeka emashumi ndzawonye neku siwehlukanisa	80
35b	Kubeka emashumi ndzawonye neku siwehlukanisa (siyachubeka)	82
36	Kuvakashela dokotela wematinyo	84
37a	Yengeta uphindze uhlanganise	86
37b	Yengeta uphindze uhlanganise (siyachubeka)	88
38	Catulula!	90
39	Bala uphindze ucatulule	92
40	Kukala ngemasentimtha	94
41	Umgomo 300	96
42	Kuhlanganisa nekususa ngabolOO	98
43	Umgomo 400	100
44	Kukala	102
45	Umgomo 500	104
46	Kuhlanganisa nekususa	106
47	Lolonga Iwati Iwakho	108
48	Umagca-sibuko	110
49	Kwakha kufika kuma-500	112
50	Kuphindzaphindza nekwaba nga (10)	114
51	Bala ngaku-2	116
52	Yila ngemathayili	118
53	Ngeti-5 kuya ku ma-500	120
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55	Bala ngaku-3 nangaku-4	124
56	Sita bantfwana	126
57	Emafrakishini: bohhafu nemakota	128
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63	Butsisa bese uyahlanganisa	140
64	Kutijabulisa ngetibalo	142
	Lokusikiwe 1	
	Lokusikiwe 2	



Nkhskt. Angie Motshekga,
iNdvuna yeMfundvo yeSisekelo



UMnu Enver Surty, Liphini
leNdvuna yeMfundvo yeSisekelo

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

LeTincwadzi Tekusebentela takaRainbow tiyincenyе yemitamo yaleLitiko leTemfundvo yeSisekelo yekutfutfukisa bafundzi baseNingizimu Afrika emabangeni ekucala lasifupha ekufundza. Njengalomunye wemigomo lehamba embili eLuhlelweni lweKusebenta IwaHulumende, 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 Iwabo lwekufundza. 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 nebafundzi imphumelelo basachubeka nekusebentisa letincwadzi tekusebentela.



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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 lophumele!

Ngubani lolinganise kancono? Gcwalisani emagama enu netimphendvulo kulelithebula.

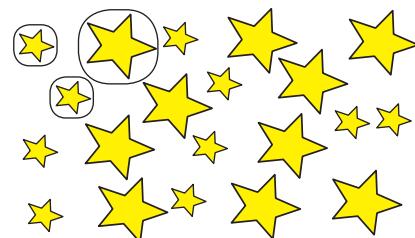
Ligama				
Linganisa				
Inombolo lebaliwe				
Umehluko emkhatsini wekubekisa kwakho nekubala kwakho				



Tindlela tekubala. Sisite kutibhala phansi.



Ngibale ngaku-1
ngaku-1.



1, 2, 3, _____



Ngibale
ngaku-2.

2, _____



Ngibale
ngeti-5 ngase



5, _____



Ngibala
ngema-10.



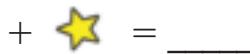
Bhala imishotinombolo

Bala samba selinani letinkhanyeti letinkhulu naletincane esitfombeni ekhasini 2.

Kukhulu



Kuncane



ngalendlela



nobe

ngalendlela



futsi njengemushonombolo.

$$\text{_____} + \text{_____} = \text{_____}$$

$$\text{nobe } \text{_____} + \text{_____} = \text{_____}$$

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:

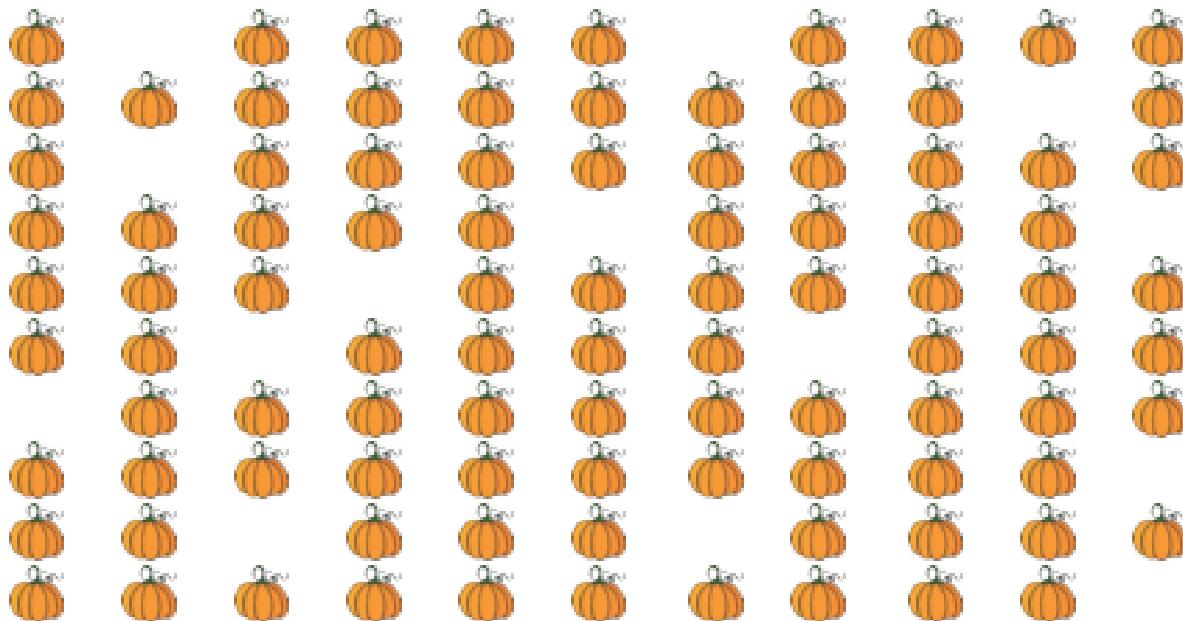
Ithemu |



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 |



Kukhuluma 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

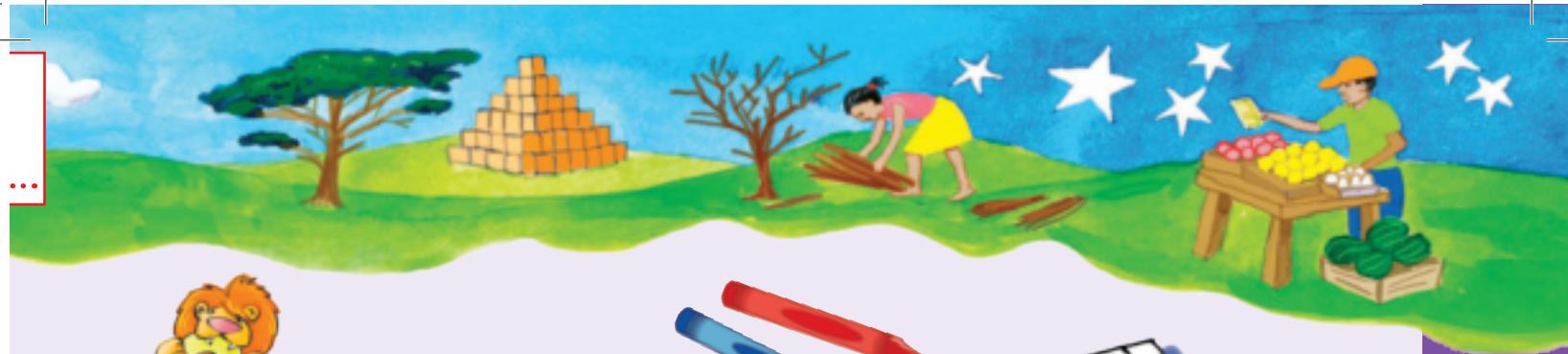


- Bhala inombolo lengekho esibayeni lesilingangane ngasinye.
- Bhala naleletinye tinombolo.
- Luhlobo luni lwetinombolo letinombolo letimtf ubi?



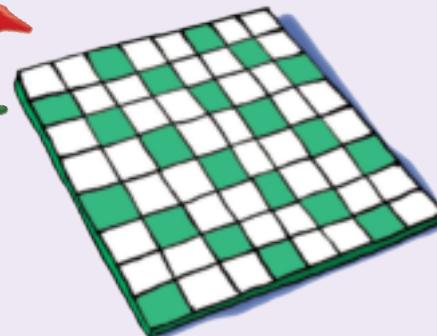
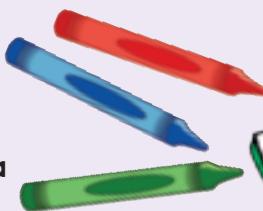
Bhala letinombolo ngemagama.

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

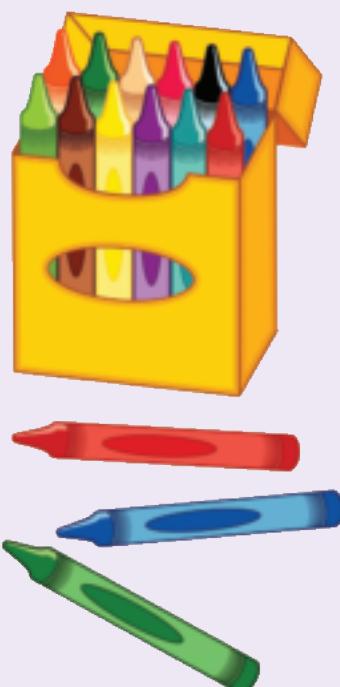
Lusuku:

Ithemu |



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

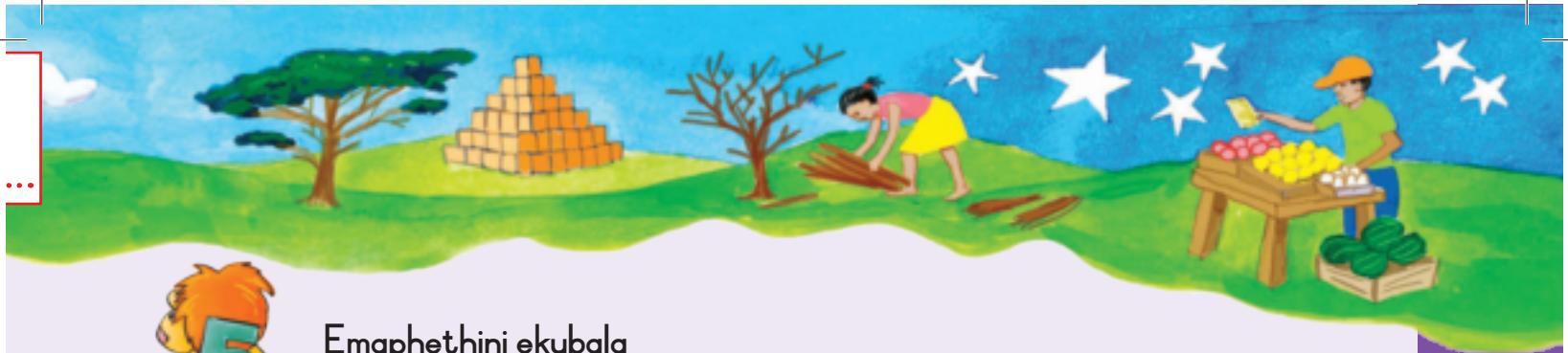


Faka lumphawu (✓) kuwo onkhe ema-10.

Faka siphambano (✗) kuto tonkhe ti-5

Kipilitela (○) bonkhe bo-2

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



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

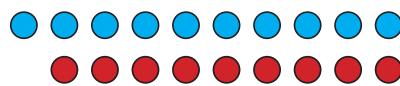
54

35

1 0
q



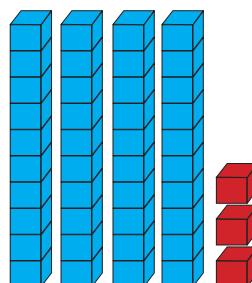
1q



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.

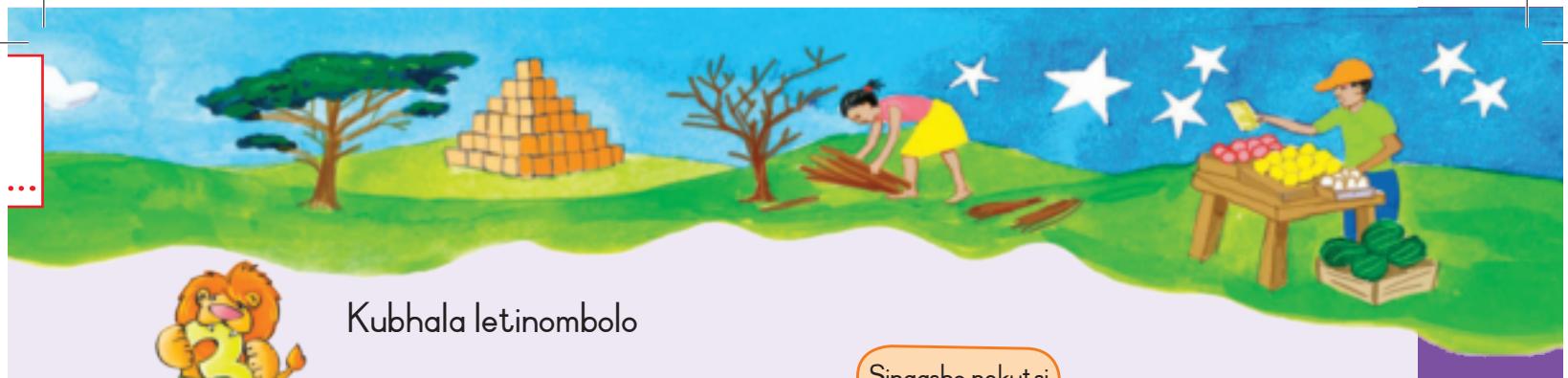
54

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: _____

5

Lusuku:

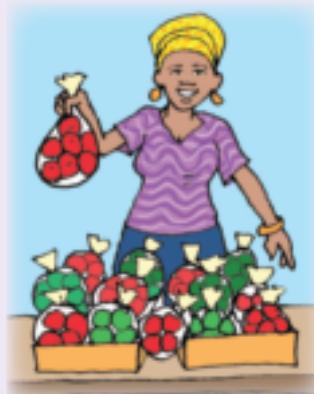
Ithemu |



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

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



11 12 13 14 15 16 17 18 19 20

6



Lusuku:

Ithemu |

Kuphindza kibili nekuhhafula

Uyakhumbula?

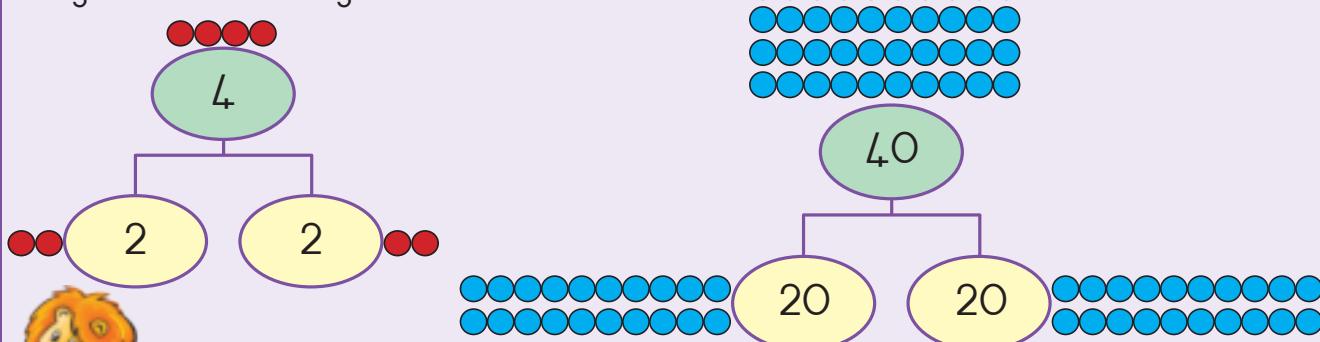
2 yihhafu ya-4

4 kuphindza kibili ku-2

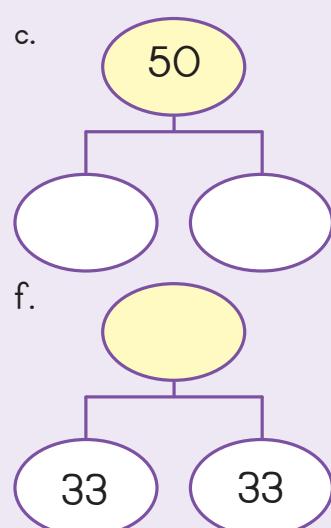
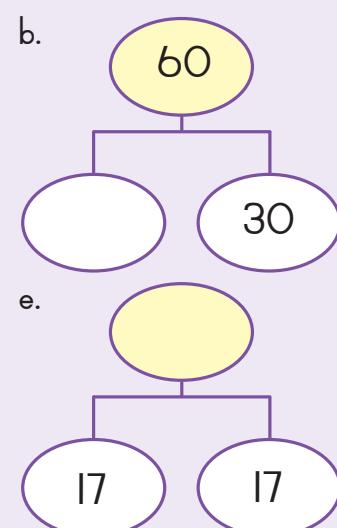
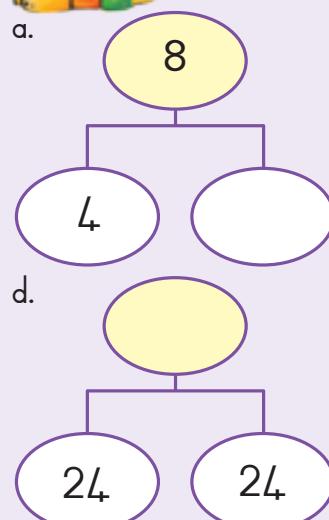
20 yihhafu ye-40

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.

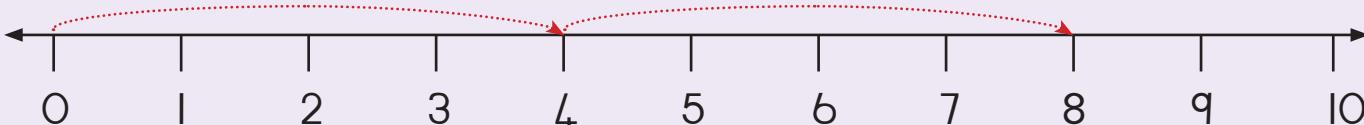


Phindza letinombolo usebentisa imigcanombolo.
Uniketiwe sibonelo sekucala.

Phindza 4

+

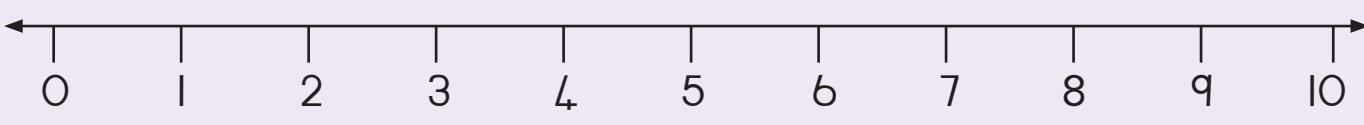
=



Phindza 5

+

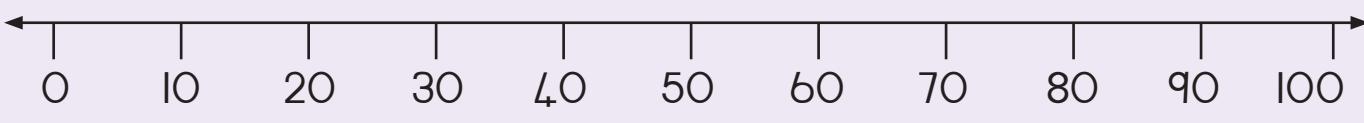
=



Phindza 20

+

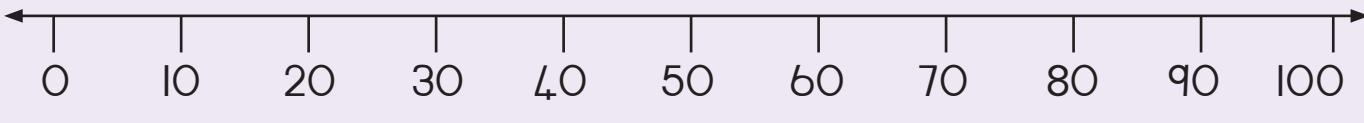
=



Phindza 40

+

=



Cedzela loku lokulandzelako

a. Phindza 1	<input type="text" value="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" value="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

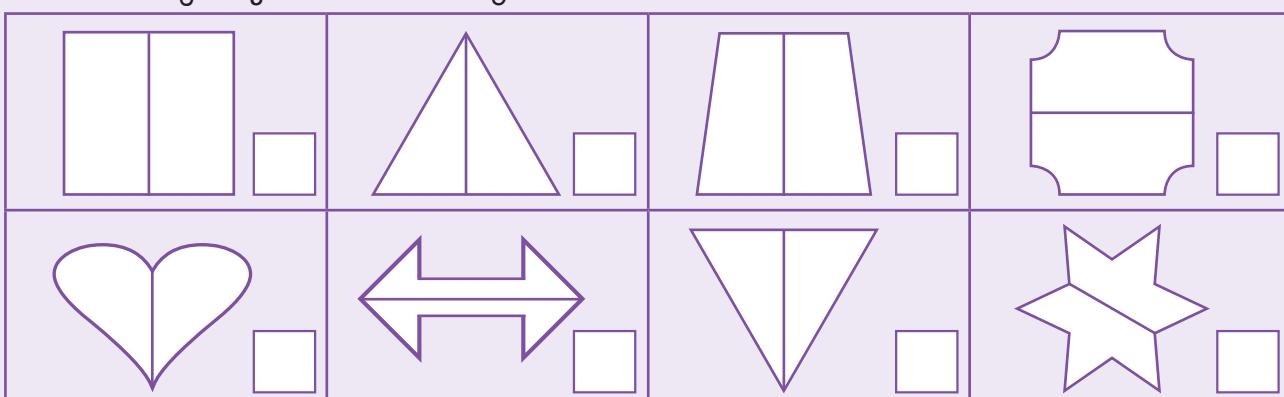
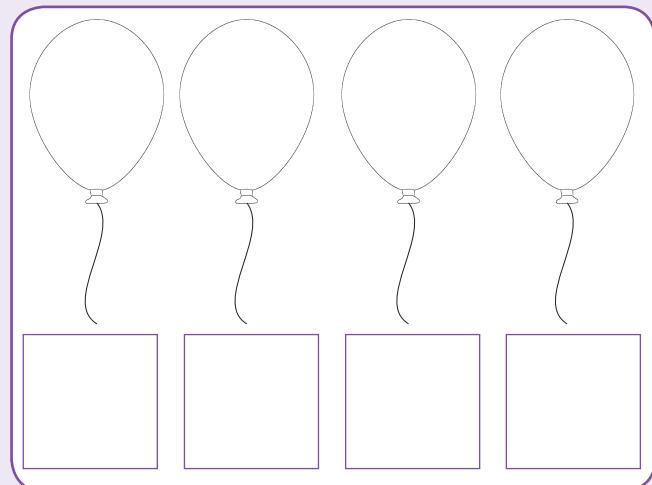
Faka umbala lobovu ekoteni yinye yemabhaluni,
kulawa lamanye ufake lolingangane.

Faka umbala lobovu ehhafini yelibhoksi ngalinye.



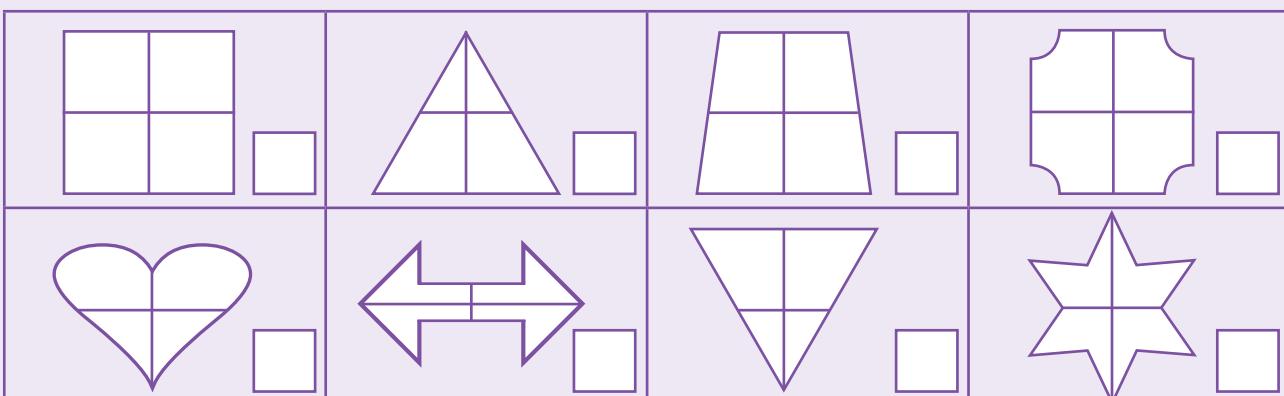
Bukisia bobunjwa. Faka lumphawu
bobunjwa labakhomba bohhafu.

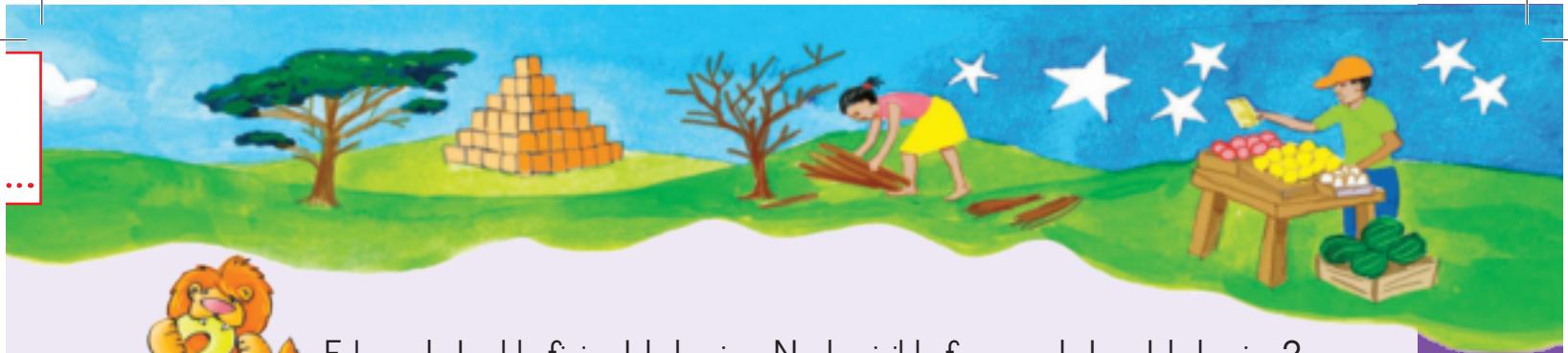
Faka umbala ehhafini yinye
yabunjwa lohlukaniswe ngabohhafu.



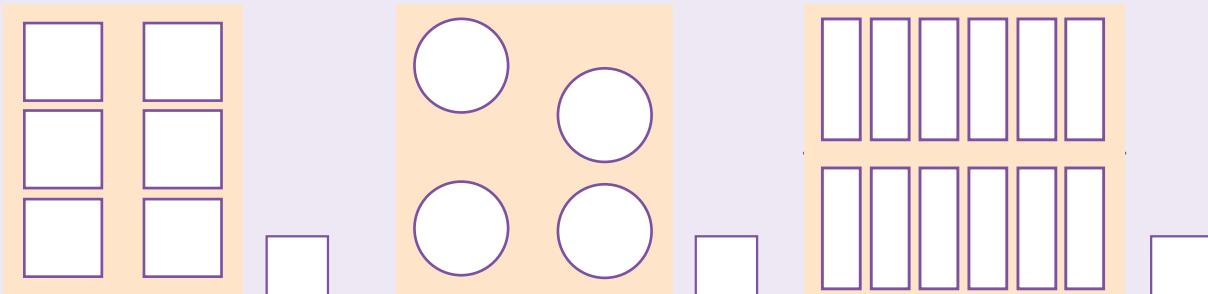
Bukisia labobunjwa. Faka lumphawu bobunjwa labakhomba emakota.

Faka umbala ekoteni yinye kuloyo naloyo bunjwa lohlukaniswe ngemakota.

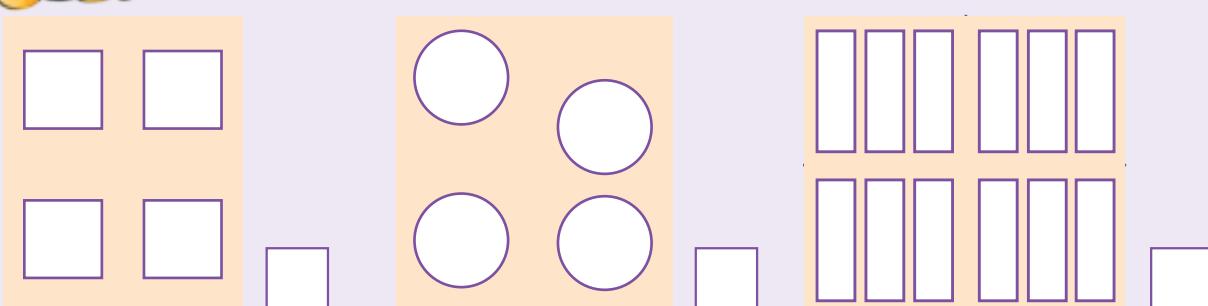




Faka umbala ehhafini yalabunjwa. Ngubani ihhafu yenombolo yalabunjwa?



Faka umbala ekoteni yalabunjwa. Ngubani ikota yenombolo yalabunjwa?



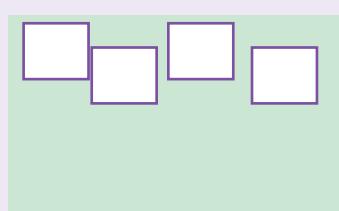
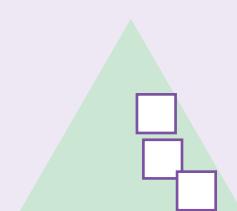
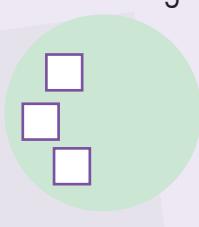
Bhalo usebentisa inkomba yefrakishini.

Ihhafu

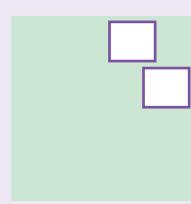
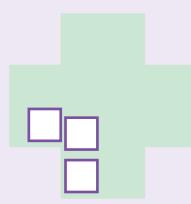
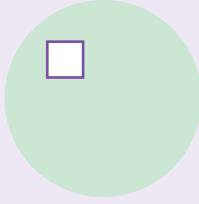
Ikota



Dwweba labanye bobunjwa kwenta labohhafu balingane.



Dwweba labanye bobunjwa kwenta lamakota alingane.



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.

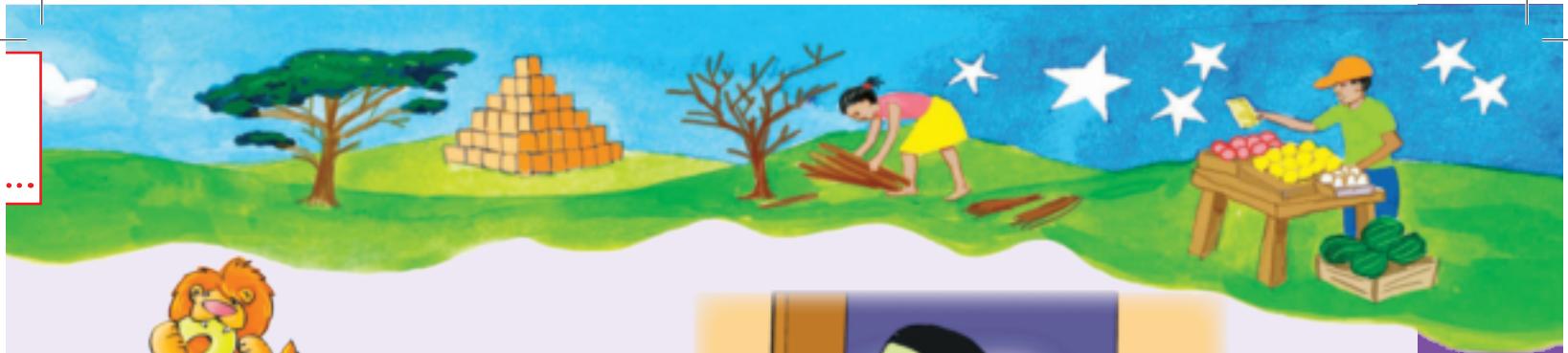
Kwanyalo unehhafu yalelinani.

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.

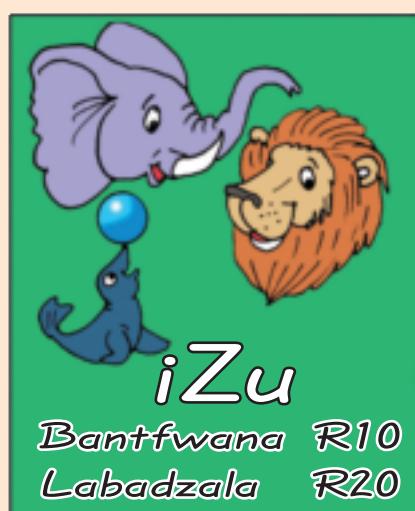
Batsenga emathikithi ngema-R90.

Bangakhi bantfwana? _____

Bangakhi labadzala? _____

Ngabe ikhona lenye imphendvulo?

Labadzala _____ Bantfwana _____



q

Lusuku:

Ithemu |



Sebentisa lebhodi-nombolo ya 200 kuphendvula imibuto.

I	2	3	4	5	6	7	8	9	10
II	I2	I3	I4	I5	I6	I7	I8	I9	I0
2I	22	23	24	25	26	27	28	29	30
3I	32	33	34	35	36	37	38	39	40
4I	42	43	44	45	46	47	48	49	50
5I	52	53	54	55	56	57	58	59	60
6I	62	63	64	65	66	67	68	69	70
7I	72	73	74	75	76	77	78	79	80
8I	82	83	84	85	86	87	88	89	90
9I	92	93	94	95	96	97	98	99	I00
I0I	I02	I03	I04	I05	I06	I07	I08	I09	I10
III	I12	I13	I14	I15	I16	I17	I18	I19	I20
I2I	I22	I23	I24	I25	I26	I27	I28	I29	I30
I3I	I32	I33	I34	I35	I36	I37	I38	I39	I40
I4I	I42	I43	I44	I45	I46	I47	I48	I49	I50
I5I	I52	I53	I54	I55	I56	I57	I58	I59	I60
I6I	I62	I63	I64	I65	I66	I67	I68	I69	I70
I7I	I72	I73	I74	I75	I76	I77	I78	I79	I80
I8I	I82	I83	I84	I85	I86	I87	I88	I89	I90
I9I	I92	I93	I94	I95	I96	I97	I98	I99	200



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

I05, I10, I15, __, __, __, __	87, 90, 93, __, __, __, __
36, 40, 44, __, __, __, __	I84, I86, I88, __, __, __, __
70, 65, 60, __, __, __, __	I38, I35, I32, __, __, __, __
I80, I76, I72, __, __, __, __	I4, I2, I0 __, __, __, __



Bhala tinombolo letilandzelako kuperethini ngayinye. Chubeka u faka umbala kuperethini. Yini loyibonako ngemaphethini lanembala munye?

Kubala ngesihlanu.

	5		10						

Kubala ngakubili.

2	4								

Kubala ngakutsatfu

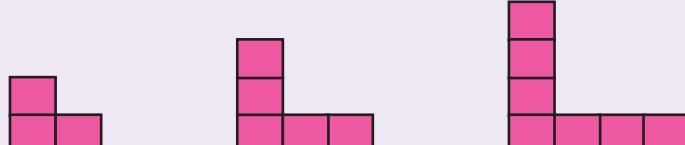
	3	6							

Kubala ngalokulishumi

									10



Nweba lephethini



Teacher:

Sign:

Date:

10

Lusuku:

Ithemu |

Emabhola, emabhokisi nemibhoshongo



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



Faka umbala emphendvulweni lengiyo.



Libhokisi

kuyashelela

kuyagicika



Isilinda

kuyashelela

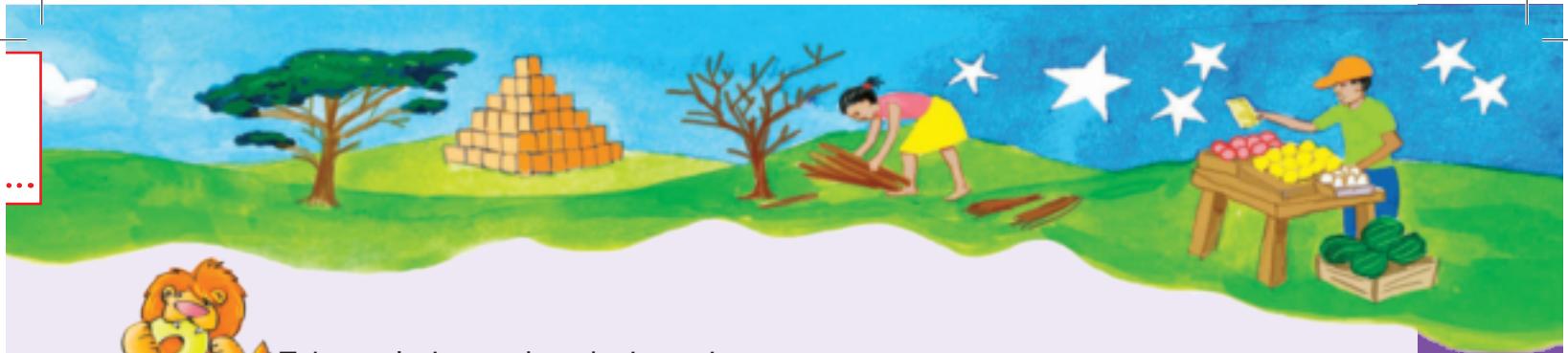
kuyagicika



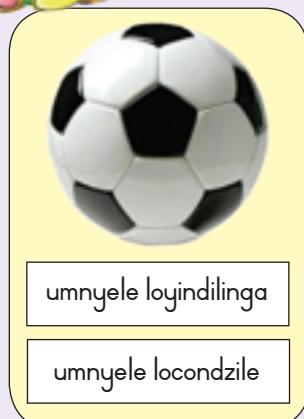
Ibhola

kuyashelela

kuyagicika



Faka umbala emphendvulweni lengiyo.



umnyele loyindilinga

umnyele locondzile



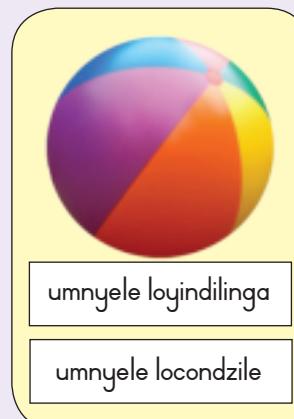
umnyele loyindilinga

umnyele locondzile



umnyele loyindilinga

umnyele locondzile



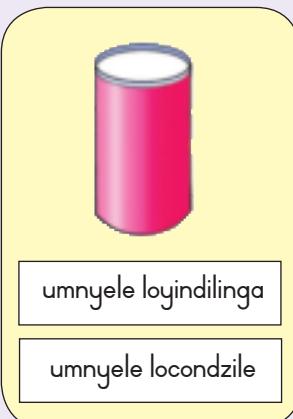
umnyele loyindilinga

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





Lusuku:

.....

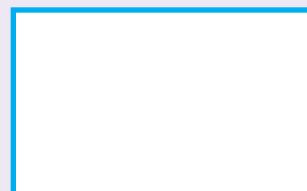
Ithemu |



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

Dvweba bobunjwa

Calantsatfu



Indilinga



Sikwele

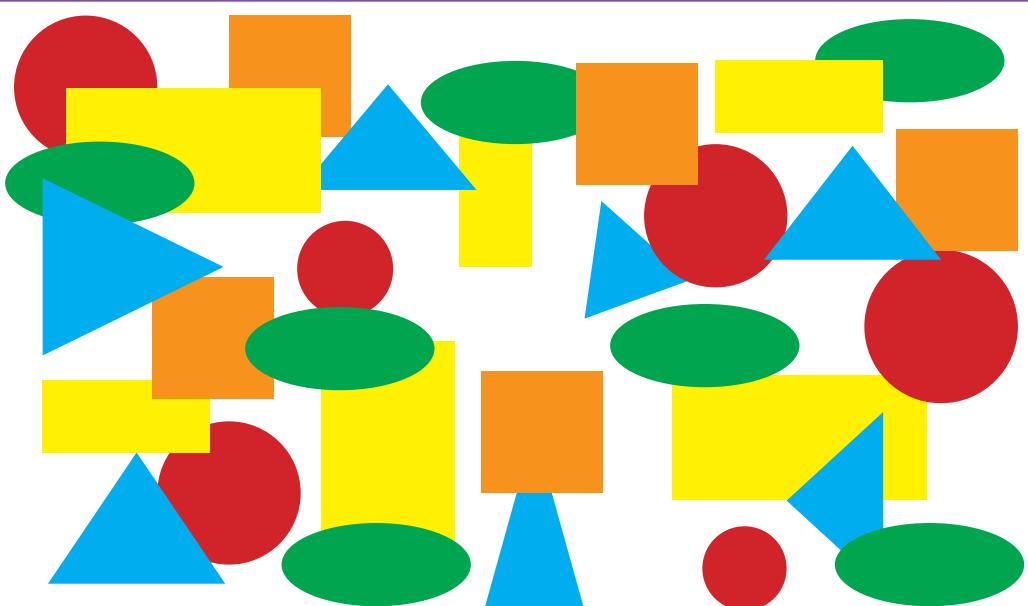
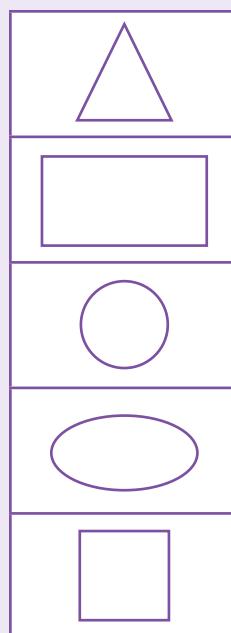


Calandze



Bala labobunjwa

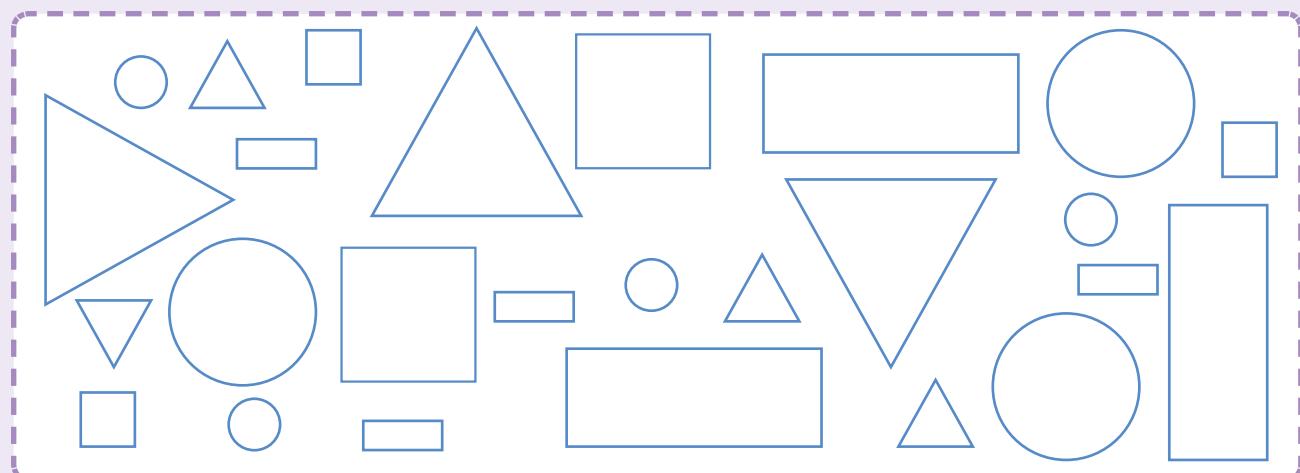
Bala kutsi bangakhi bobunjwa labafana nalona longabatfola kulesitfombe.





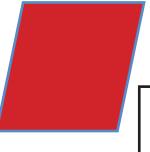
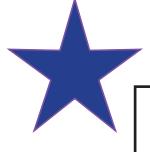
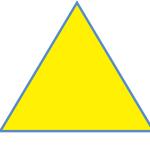
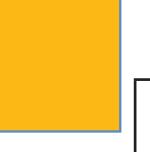
Faka umbala

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



Mangakhi emacala?

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

 <input type="checkbox"/> kucondzile <input type="checkbox"/> indilinga	 <input type="checkbox"/> 3	 <input type="checkbox"/> kucondzile <input type="checkbox"/> indilinga	 <input type="checkbox"/> kucondzile <input type="checkbox"/> indilinga	 <input type="checkbox"/> kucondzile <input type="checkbox"/> indilinga
 <input type="checkbox"/> kucondzile <input type="checkbox"/> indilinga	 <input type="checkbox"/> kucondzile <input type="checkbox"/> indilinga	 <input type="checkbox"/> kucondzile <input type="checkbox"/> indilinga	 <input type="checkbox"/> kucondzile <input type="checkbox"/> indilinga	



Teacher:
Sign:
Date:

12

Lusuku:

Ithemu |



Fundza sikhatsi

Ngabe lamawashi akhombisa tiphi tikhatsi?



enhloko

enhloko

enhloko

enhloko



Zuba ngasewashini

Sita Gundvwanyana kubala imizuzu ngabo 5.

Cala kuli-12. Bala ufile 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? _____

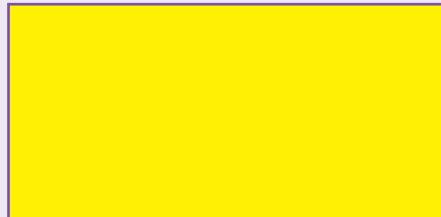
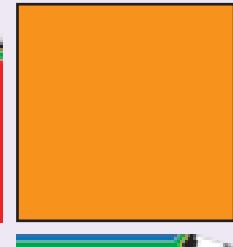
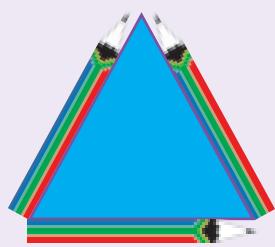
Teacher:
Sign:
Date:

13

Lusuku:

Ithemu |

Kukala libanga



Sekawonkhe
lamacala
alocalantsatfu
angemapeniseli
lama-3 budze.

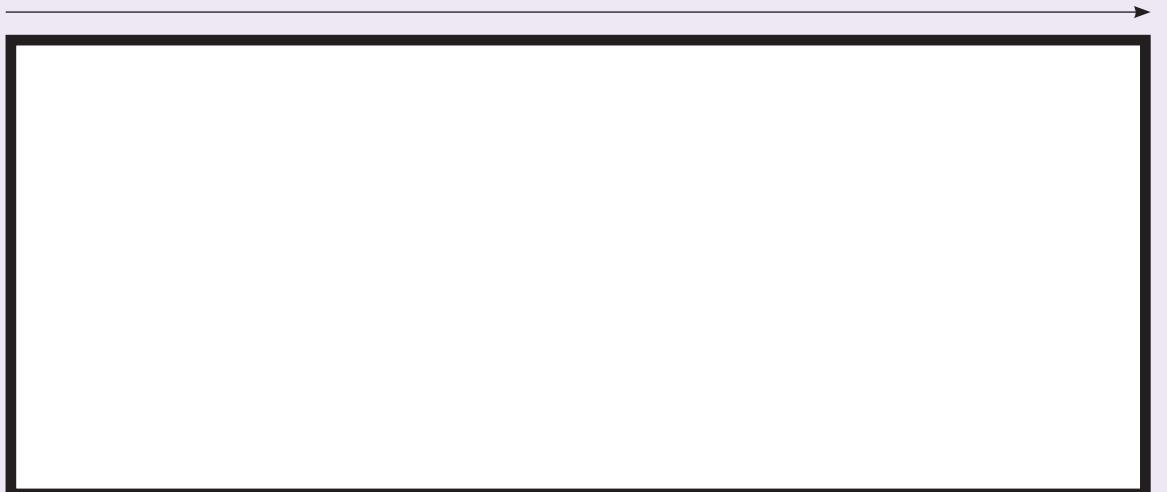
Sekawonkhe
lamacala
alesikwele
angemapeniseli
lama-4 budze.

Engabe localandze
unganani budze
nebubanti?

Tingakhi tipeniseli letingangena ngebudze kulocalandze?

Tingakhi tipeniseli letingangena ngebubanti kulocalandze?

Budze



Bubanti

Utisebentise kanjani tipeniseli kubala?

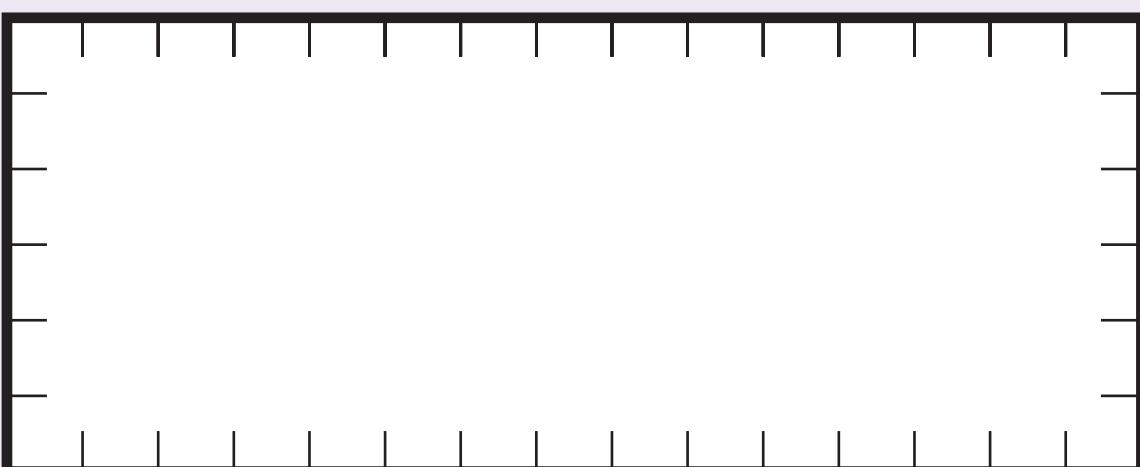


Budze lobuyimfihlo

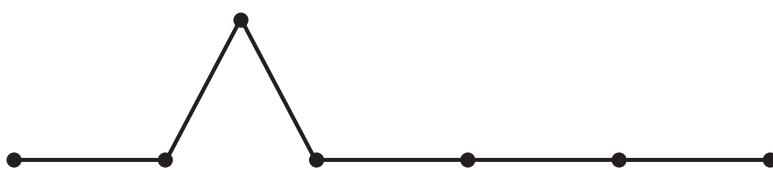
- a. Mingakhi imigca lebovu loyidzingako kumbonya lomugca lomnyama?



- 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.

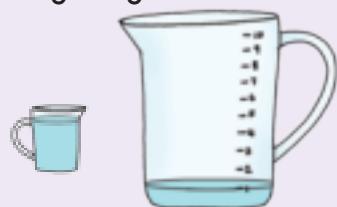
Kusele tingakhi tinkomishi temanti kutsi lesikotela sigcwale?



Tingakhi tinkomishi temanti letikulesikotela?

Sidzinga tingakhi tinkomishi kutsi sigcwali se lesikotela?

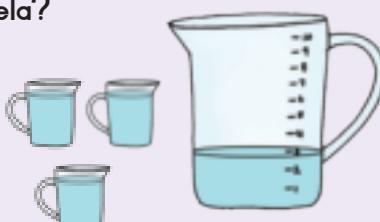
a.



Esikoteleni

Sidzinga lokungetulu

b.



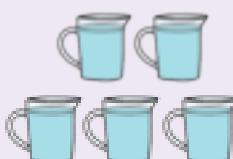
Esikoteleni

Sidzinga lokungetulu

c.



d.



e.



f.



Esikoteleni

Sidzinga lokungetulu

Esikoteleni

Sidzinga lokungetulu

Esikoteleni

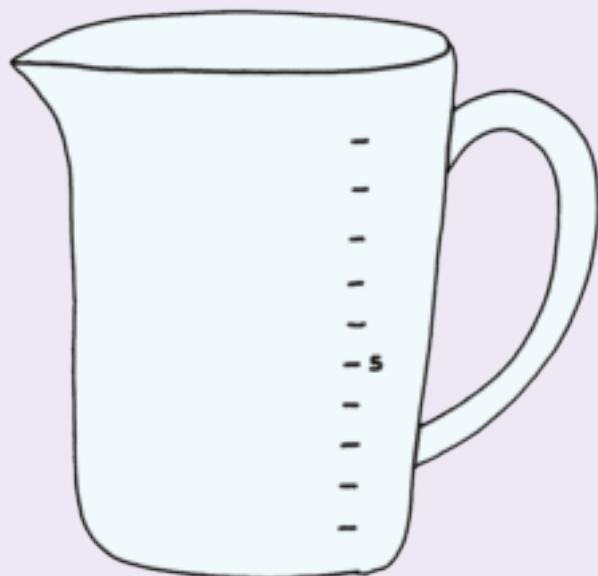
Sidzinga lokungetulu

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:

11 12 13 14 15 16 17 18 19 20

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

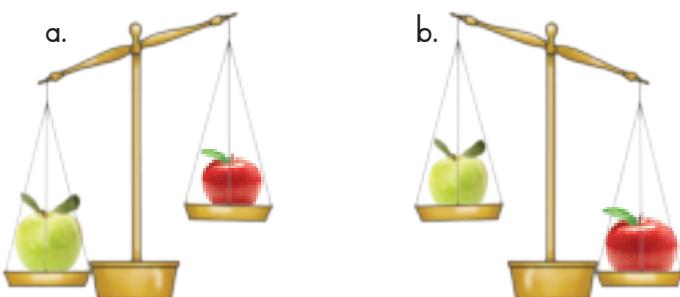
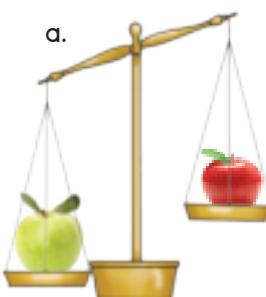


39 kg

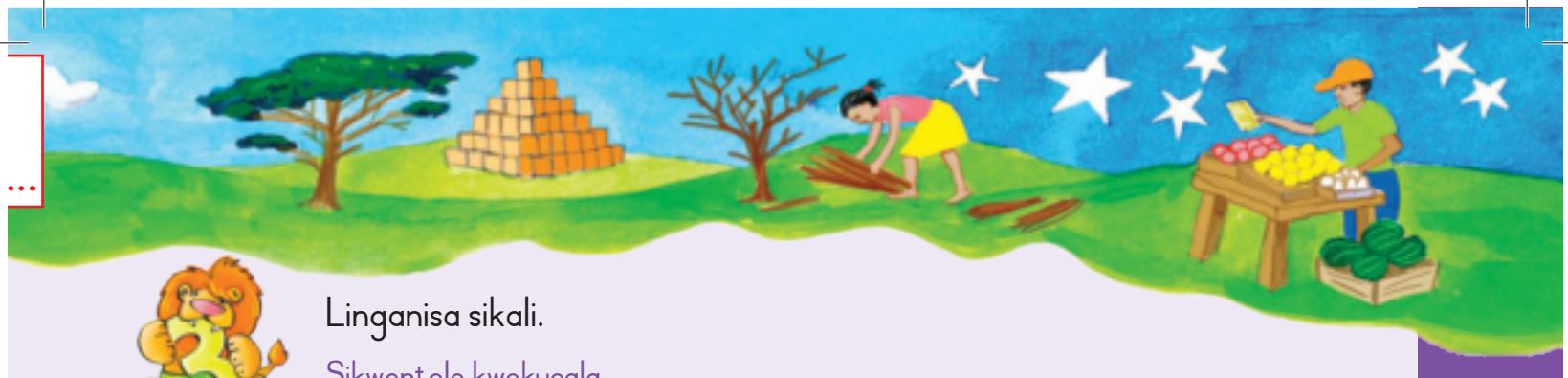


Sisebentisa sikali - masimama kukala sisindvo.

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

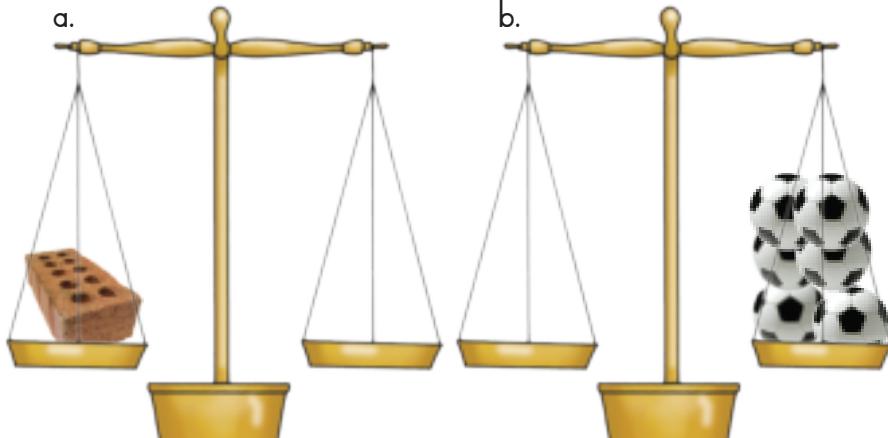


Linganisa sikali.

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 _____

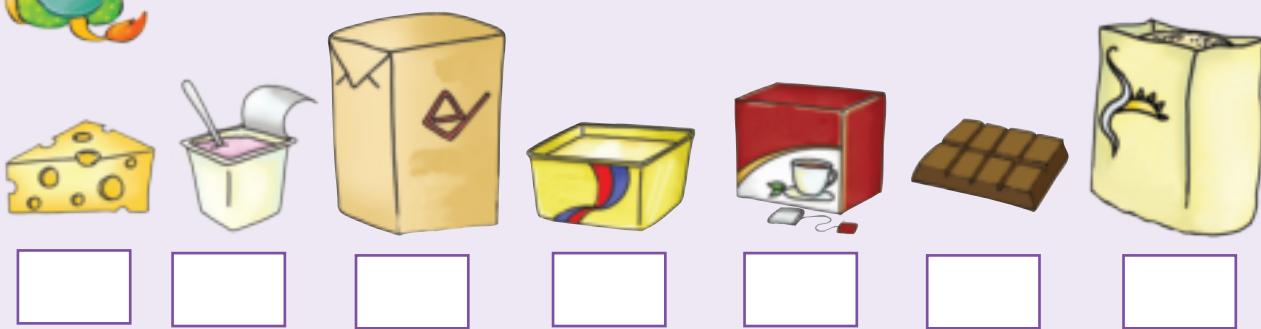
b. 3 emaphasela _____

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

Usho ngani? _____



Faka lumphawu ebhulokini yemphendvulo lenetintfo letinesisindvo sa 1 kg.



16

Lusuku:



Ithemu |

Kusebenta ngemininingwane

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.

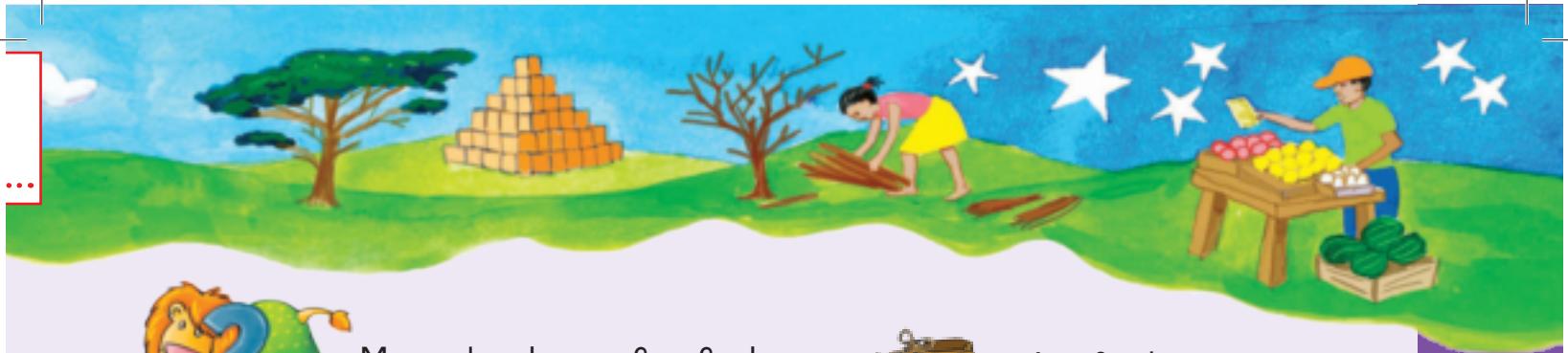
Make Khoza: Bala, bese ubhala kutsi mangakhi emasayizi ngayinye etafuleni.

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.

- a. Bafundzi labanyenti bagcoka yiphi isayizi yeticatfulo _____.
- b. Linani lelincane ligcoka isayizi _____.
- c. _____ 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.



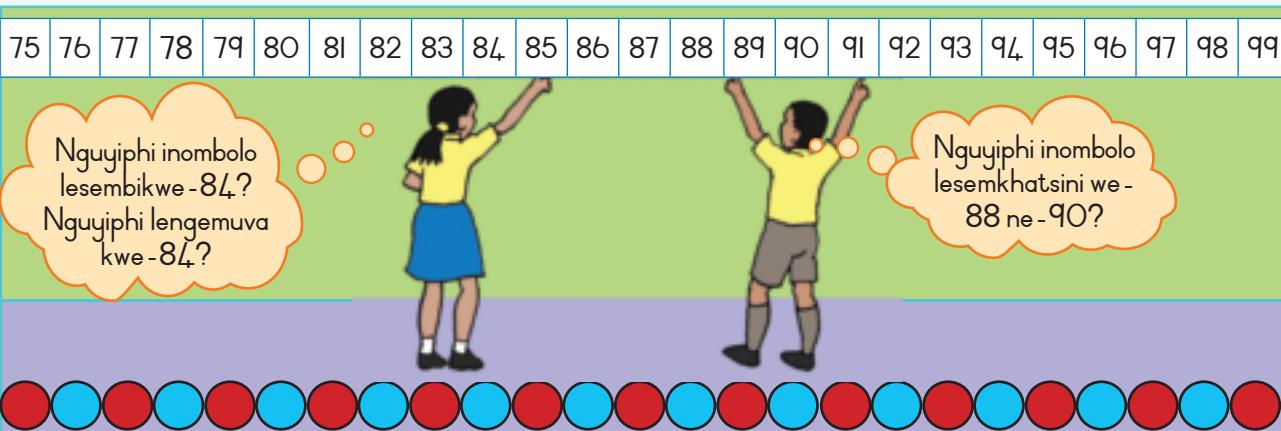
Teacher:
Sign:
Date:

17

Lusuku:

Ithemu |

Catsanisa uphindze uhlelembise tinombolo

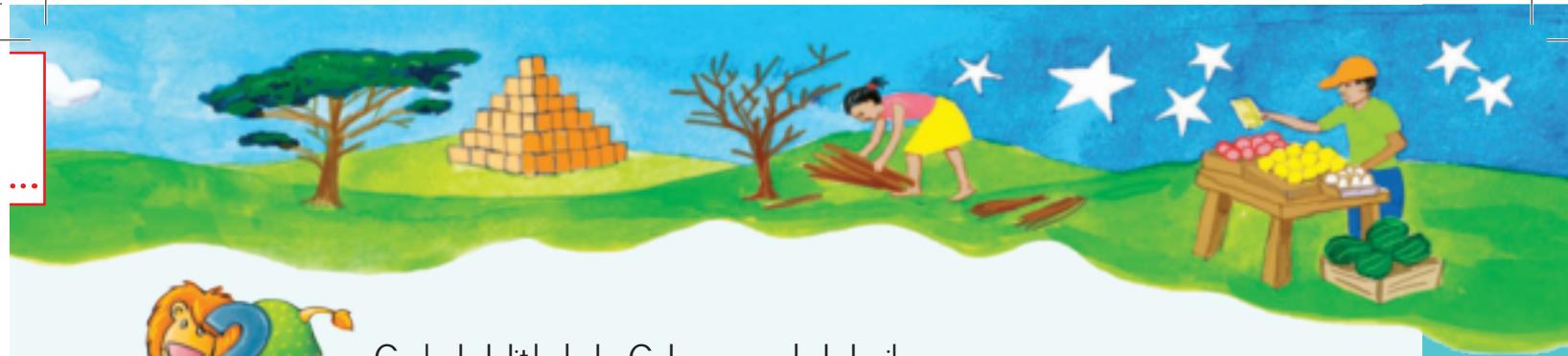


Gcwalisa tinombolo letishiyiwe.

51																				
71																				67
																				100

Sebentisa libhodi nombolo kuperhendvula lemibuto

- Guyiphi inombolo lesembikwe -68? _____
- Guyiphi 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: _____

11 12 13 14 15 16 17 18 19 20



Emandla sikhundla kuya kuma - 99

Kukhombisa tinombolo usebentisa tintfo

Singakhombisa tinombolo ngemabholoki emandla-sikhundla.

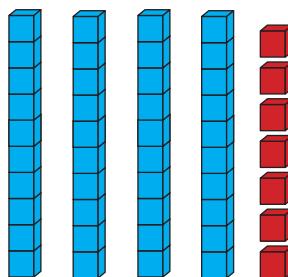
Libholoki lelincane limele ku-l. Liyiyunithi.

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

Emashumi	Emayunithi
10	10
2	2

Ungakhombisa inombolo
ngekusebentisa emashumi
nemayunithi.

Nayi indlela yekukhombisa ema-47.



Emashumi	Emayunithi
4	7

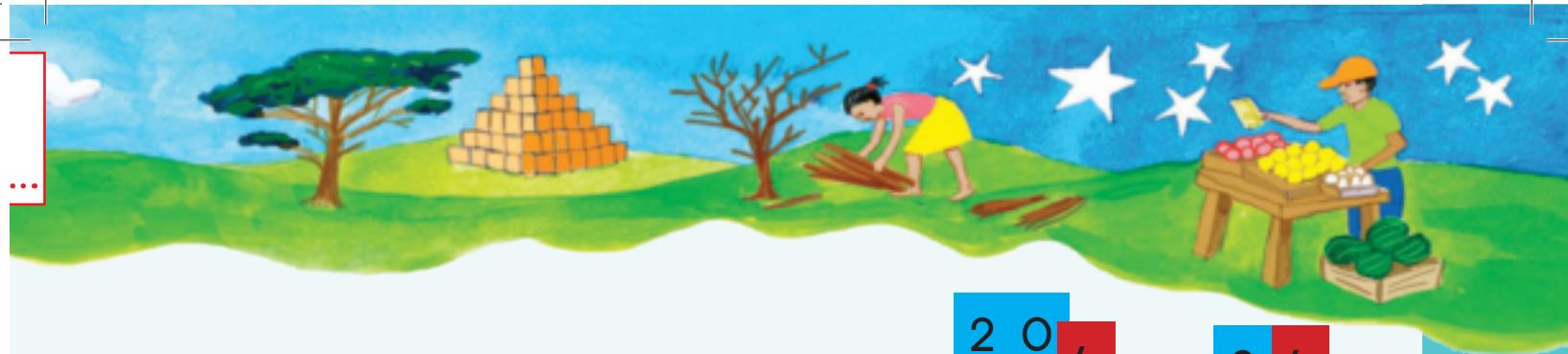
emashumi lamane
nesikhombisa
47



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

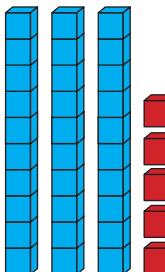
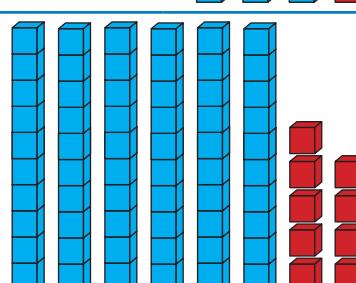
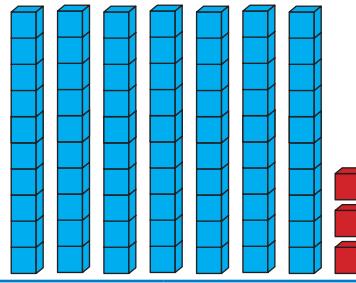
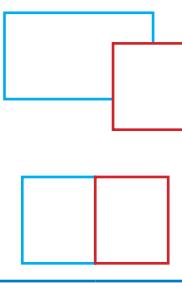
2
b

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>3 5</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:

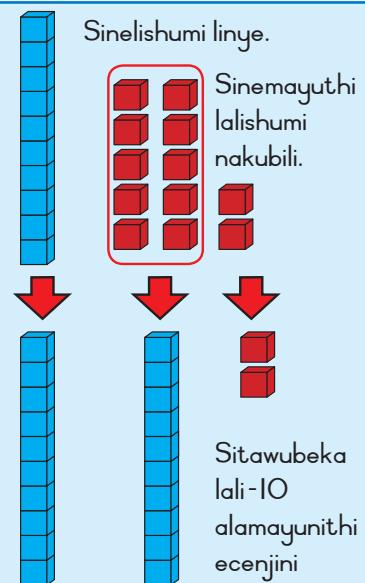
Ithemu I



Fundza

Kubeka emashumi ndzawonye uma sihlanganisa kufika kuma - 99

Nayi indlela yinye yekukhombisa 22.	
Emashumi	Emayunithi
1 lishumi	12 emayunithi
1 0	1 0 2



Nyalo sinalenyi indlela yekukhombisa 22.	
Emashumi	Emayunithi
2 emashumi	2 emayunithi
2 0	2 2

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

27 ngemashumi lama-2 kanye nemayunithi la-7. Emva kwaloko singengeta lamanye emayunithi la-4.	
Emashumi	Emayunithi
2 Emashumi	7 emayunithi
+ 4 emayunithi	
2 0	7 4

Sinemashumi lama-2 nemayunithi la-11.	
Emashumi	Emayunithi
Singakhombisa emayunithi la-10 njengelishumi linye.	
2 0	1 0 1

Nyalo sinemashumi lama-3 + 1 yunithi = 31	
Emashumi	Emayunithi
3 0	1
 + = 	
3 1	



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:

Hlanganisa kumugca - nombolo

Ithemu |

Hlala edesikini lakho!

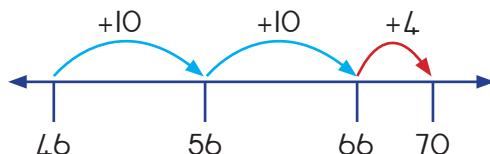


Esikolweni setfu umfundzi ngamunye unelidesiki lakhe.

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

Yikhombise ngemakhadi nombolo akho

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

$$= 56 + 10 + 4$$

$$= 66 + 4$$

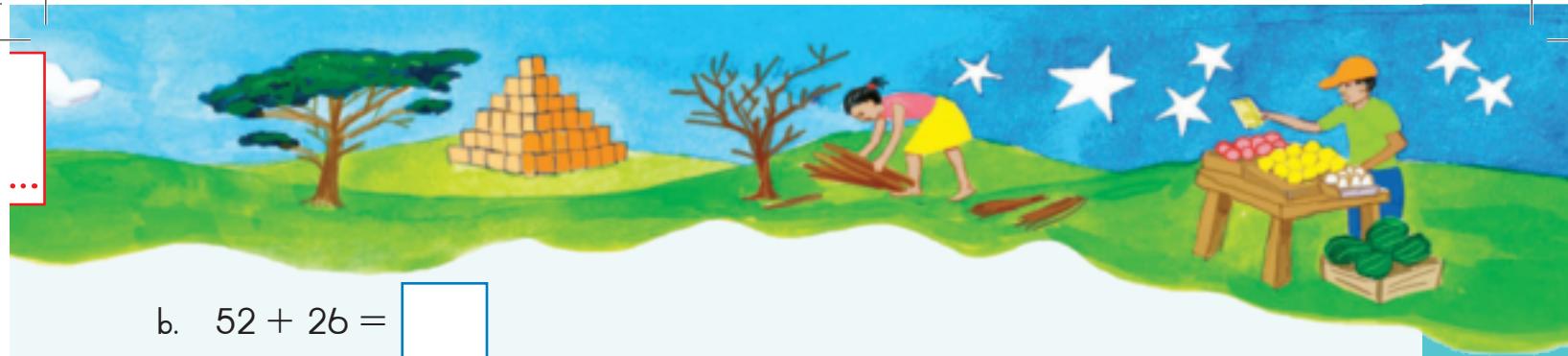
$$= 70$$

Kumele
ngihlanganise ema-
24 kuma-46.



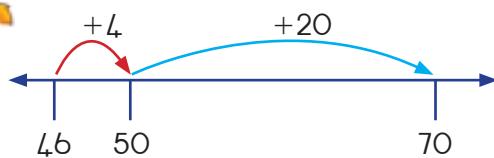
a. $32 + 25 =$

← →



b. $52 + 26 = \square$

c. $46 + 25 = \square$



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. $36 + 41 = \square$



Teacher: _____
Sign: _____
Date: _____

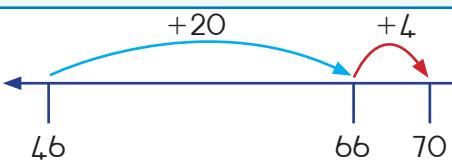
20b

Lusuku:

Ithemu |

Hlanganisa kumugca-nombolo (siyachubeka)

b. $57 + 19 = \square$



Kumele
ngihlanganise ema-
24 kuma-46.



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

Singawasebentisa futsi emakhadi nombolo.

$$= 46 + 20 + 4$$

$$= 66 + 4$$

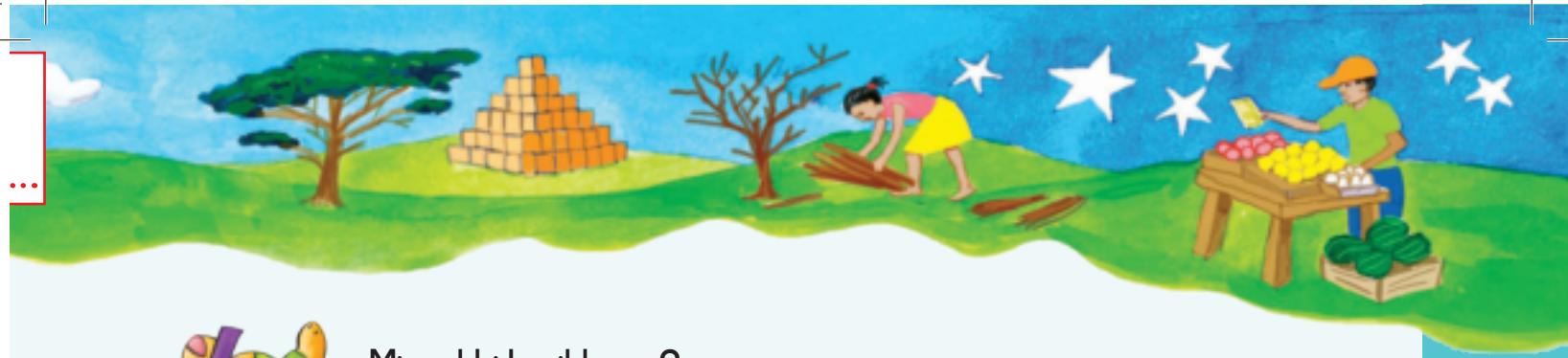
$$= 70$$

a. $63 + 24 = \square$



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.

$38 + 24 =$

$58 + 17 =$



$75 + 16 =$

$83 + 29 =$



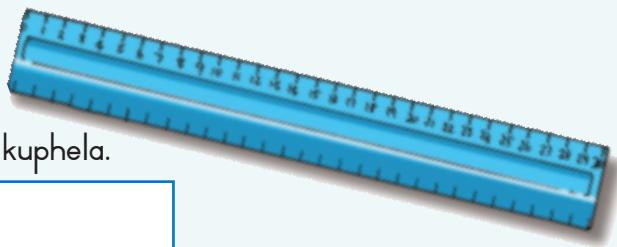
2la

Lusuku:

Susa kumugca-nombolo

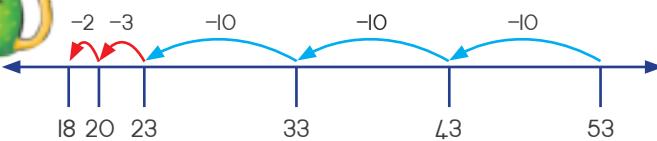
Ithemu |

Umfundzi munye! Irula yinye!



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

Mangakhi lamanye lesiwadzingako? $53 - 35 =$



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**.

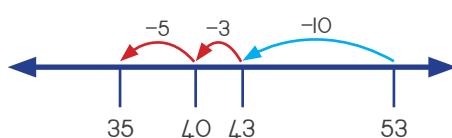
$$\begin{aligned} &= 53 - 10 - 10 - 10 - 3 - 2 \\ &= 43 - 10 - 10 - 3 - 2 \\ &= 33 - 10 - 3 - 2 \\ &= 23 - 3 - 2 \\ &= 20 - 2 \\ &= 18 \end{aligned}$$



a. $68 - 24 =$

b. $74 - 38 =$

c. $92 - 87 =$



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



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

a. $38 - 14 =$



2lb

Lusuku:

Ithemu |

Susa kumugca-nombolo (siyachubeka)

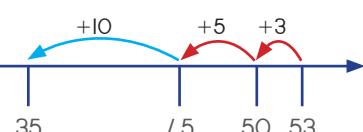
b. $65 - 43 = \square$



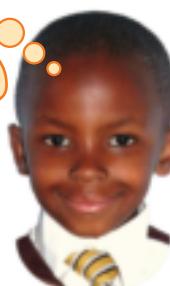
c. $72 - 39 = \square$



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 labakhetsi lolo nalolo hlobo Iwekudla.

Luhlobo Iwekudla				
Inombolo				



Cedzela igrafusitfombe. Sebentisa lithebulalakho kukuksita.

Dvweba buso bune (()) kumntfwana ngamunye lokhetsa loko kudla noma sinatfo.

(())			
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Teacher:
Sign:
Date:

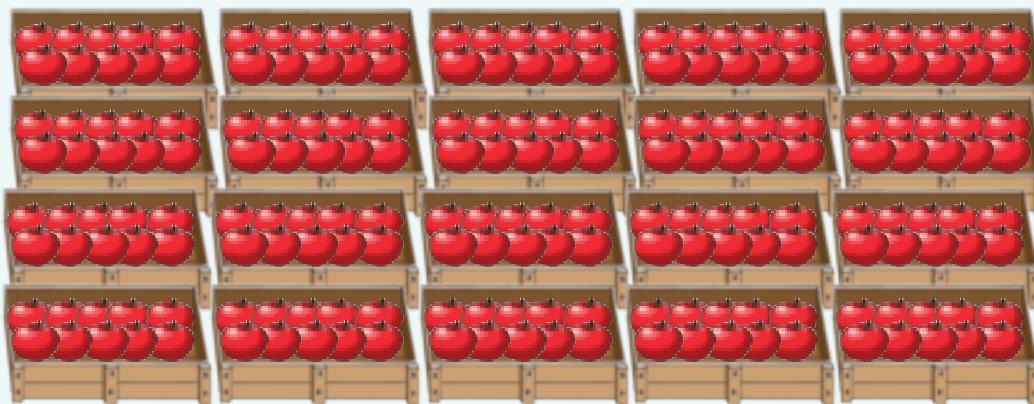
23

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.

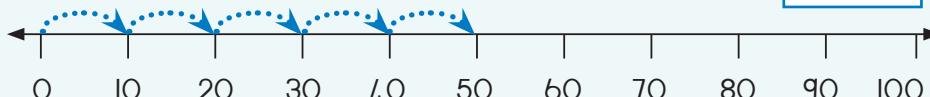


c.

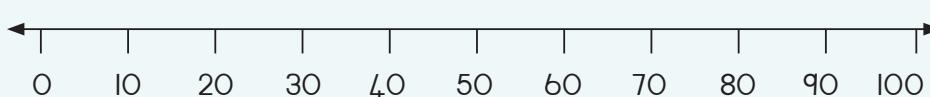


Bala kulumugcanombolo.

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

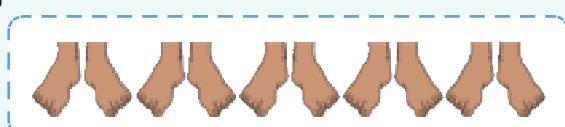
_____ \times _____ = _____

noma _____ \times _____ = _____



5 Emapheya etinyawo.

Tingakhi tintwane setitonkhe?



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

$5 \times 10 =$ _____

noma $10 \times 5 =$ _____

Yenta loku ngendlela lefanako.

4 Emapheya etinyawo. Tingakhi tintwane?

_____ = _____ \times _____ = _____ noma _____ \times _____ = _____

9 Emapheya etinyawo. Tingakhi tintwane?

_____ = _____ \times _____ = _____ noma _____ \times _____ = _____



Bala ngema-10

10, 20, 30, 40, 50, _____, _____, _____, _____, _____,

_____, _____, _____, _____, _____, _____, _____, _____, 200



11 12 13 14 15 16 17 18 19 20

24



Lusuku:

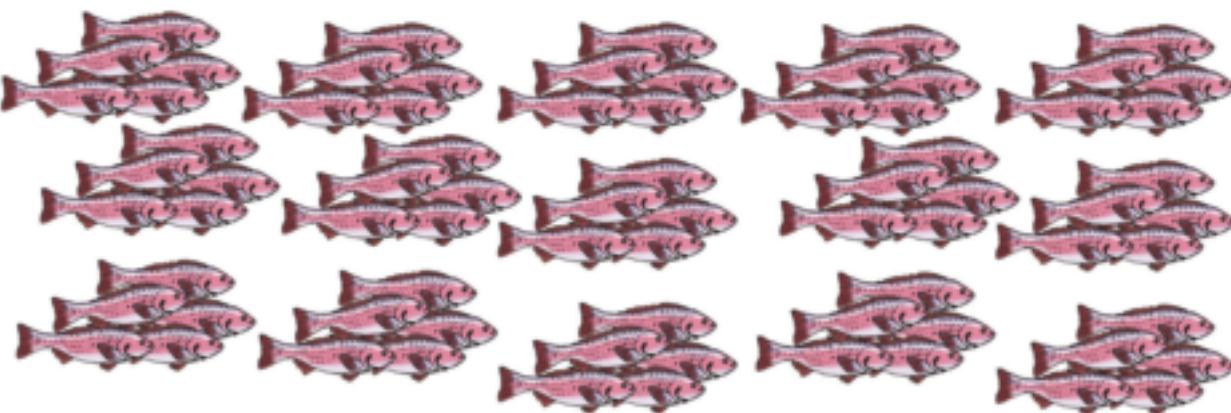
.....

Ithemu |

Kutilolonga ngeti -5



Tingakhi tinhlanti? Yenta silinganiso.



Nyalo-ke bala letinhlanti. Tingakhi setitonkhe?



Bala ngeti -5

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

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

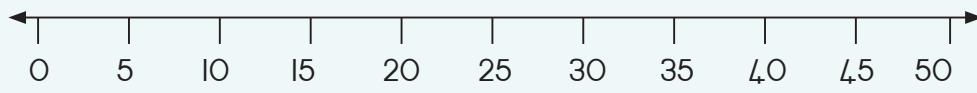


Cedzela letinombolomisho nemigcanombolo.



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

a.



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

b.



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

c.



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



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?



Teacher: _____
Sign: _____
Date: _____

25a

Lusuku:

Ithemu |



Kubala emasokisi

Bala ngaku-2



a. Mangakhi emapheya emasokisi? _____

b. Mangakhi emasokisi lakhona? _____

c. Mangakhi emasokisi lasele? _____



Kubala emapheya emasokisi

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

Emasokisi	Linani lemapheya	Linani lemasokisi	Emasokisi langalinye lasilele ngetulu



Teacher: _____
Sign: _____
Date: _____

25b

Lusuku:

Ithemu |



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.

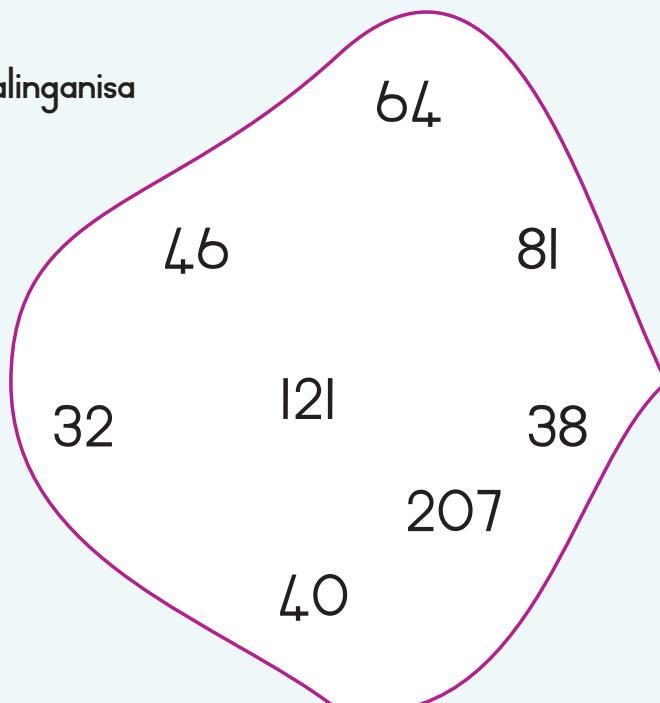
3, 5, 7,

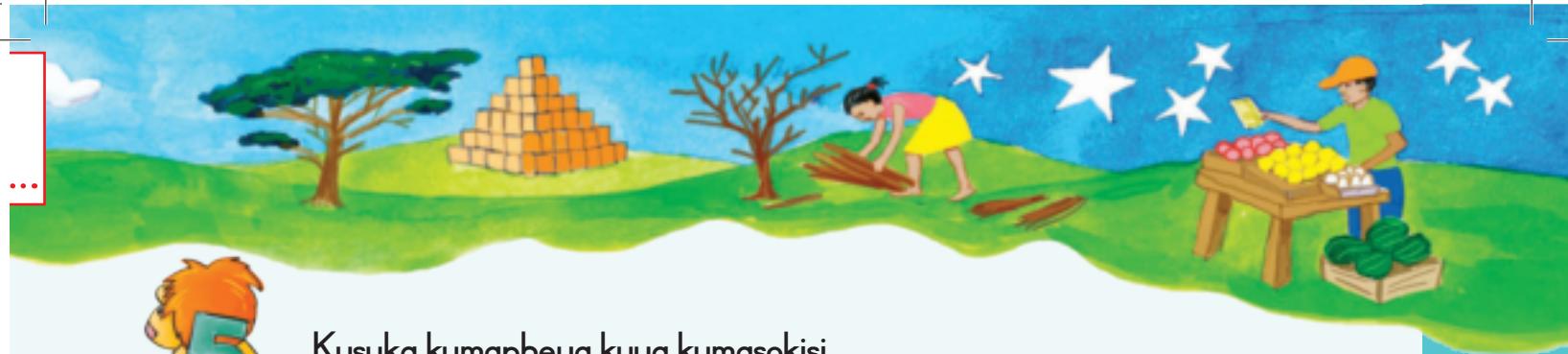


Bomashiyana nabomalinganisa

Dvweba indilinga ugegelete
tinombolo - malinganisa.

Dvweba sikwele ugegelete
tinombolo - mashiyana.





Kusuka kumapheya kuya kumasokisi.

Sibonelo:

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

$$2 \times 1 = 2$$

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

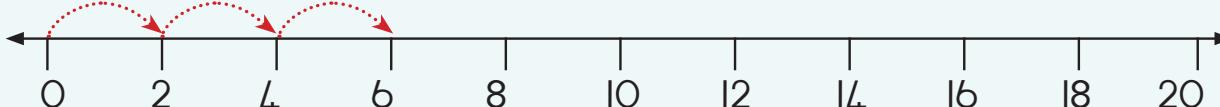
$$2 \times 10 = 20$$

a. Bhala kutsi mangakhi emasokisi.

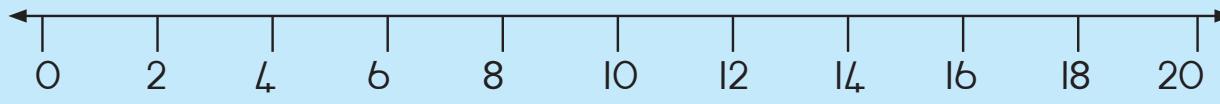
Cabanga ngaku-2	Umusho-nombolo
1 lipheya = 2 emasokisi	$2 \times 1 = 2$
2 emapheya = ___ emasokisi	$2 \times 2 =$ <input type="text"/>
4 emapheya = ___ emasokisi	
8 emapheya = ___ emasokisi	
9 emapheya = ___ emasokisi	

b. Khombisa lesibalo kulomugcanombolo bese uyacedzela.

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



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



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

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.

Bangakhi bobhanana ku-R20,00?

2 abita R2,00.

Mangakhi emahhabhula e-R9,00?



27

Lusuku:

Ithemu |

Bala ngaku-3



Tincola ngaku-3



Libhayisikili lelingusondvontsatfu li-l linemasondvo lama ____.

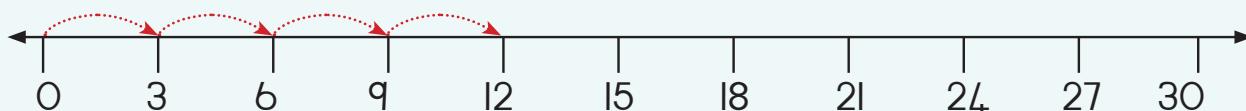


5 sabosondvontsatfu banemasondvo la _____	$3 + 3 + 3 + 3 + 3 = 5 \times 3 =$ _____
2 bosondvontsatfu banemasondvo la _____	$3 + 3 = 2 \times 3 =$ _____
4 bosondvontsatfu banemasondvo la _____	
6 sabosondvontsatfu banemasondvo la _____	
9 yabosondvontsatfu banemasondvo la _____	
8 sabosondvontsatfu banemasondvo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

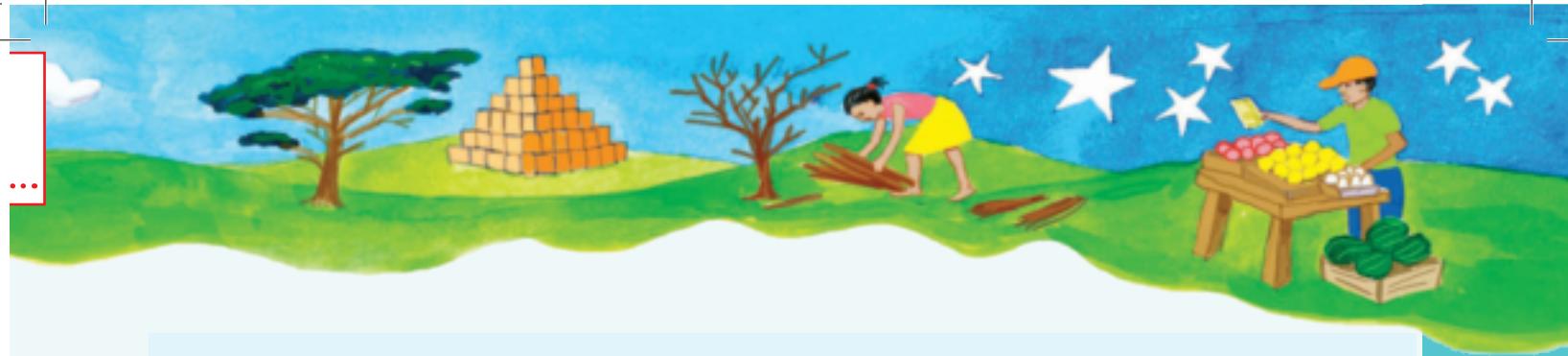


Imigcanombolo

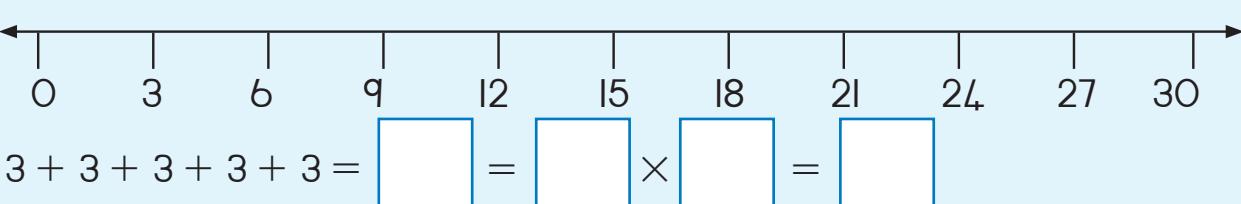
Landzela sibonelo.



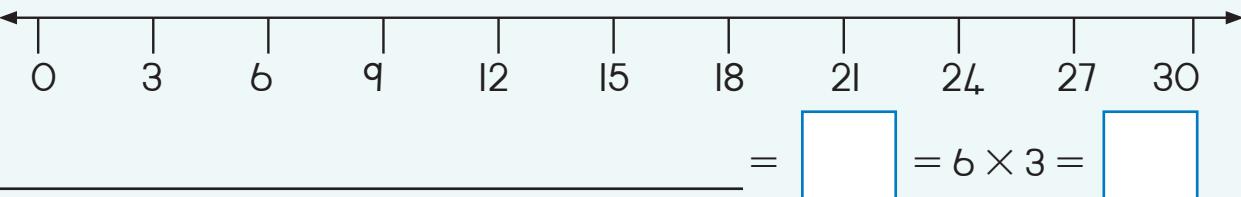
a. $3 + 3 + 3 + 3 =$ $= 4 \times 3 =$



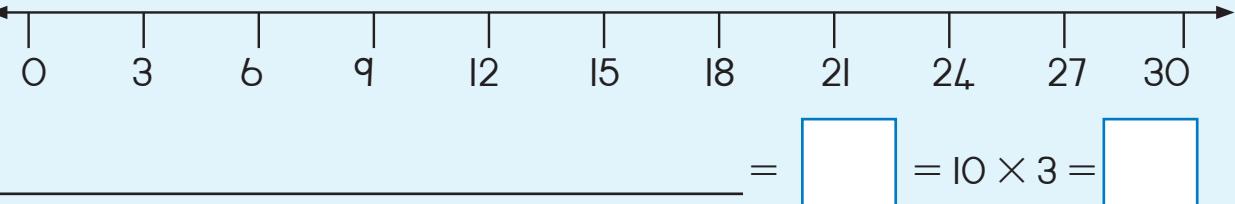
b.



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? _____



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

28

Lusuku:

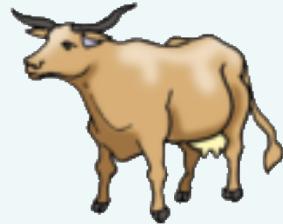
Ithemu |

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.

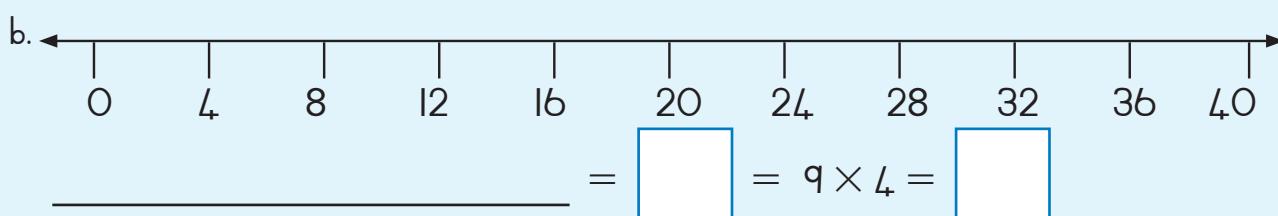
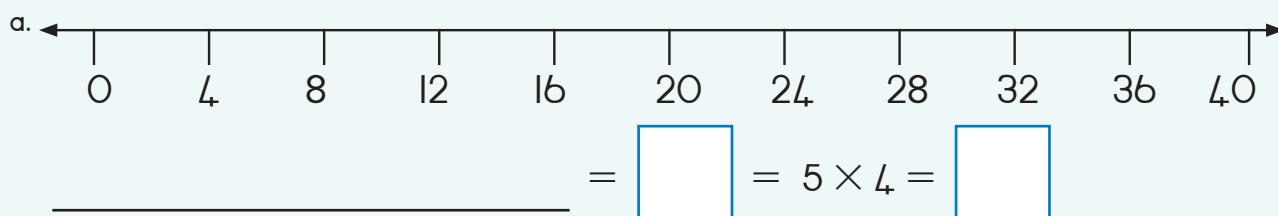


Tinkhomo leti-3 _____ tinyawo	$4 + 4 + 4 = 3 \times 4 =$ <u>12</u>
Tinkhomo leti-5 _____ tinyawo	
Tinkhomo leti-4 _____ tinyawo	
Tinkhomo leti-7 _____ tinyawo	
Tinkhomo leti-8 _____ tinyawo	



Imigcanombolo

Cedzela lolokulandzelako bese ukukhombisa kumugcanombolo.



Teacher: _____
Sign: _____
Date: _____

29

Lusuku:

Ithemu |



Emaphethini ngetinombolo

Emaphethini egridi

Nguyiphi 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: _____

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

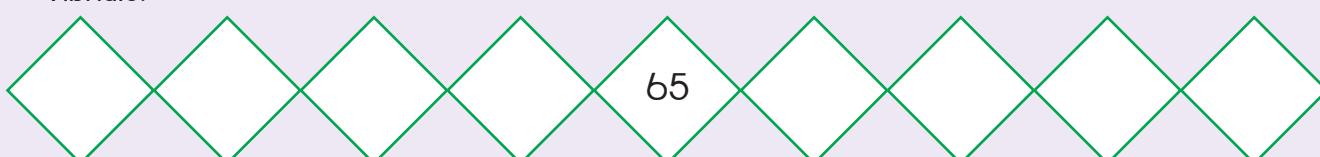


Yenta emaphethini akho

- 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?



11 12 13 14 15 16 17 18 19 20

30a

Lusuku:

Ithemu |

Kwaba



Yaba lamaswidi:



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



Loku singakubhala kanje

$$30 \div 2 = 15$$

- b. Yaba lamaswidi emkhatsini wa-3 bantfwana.

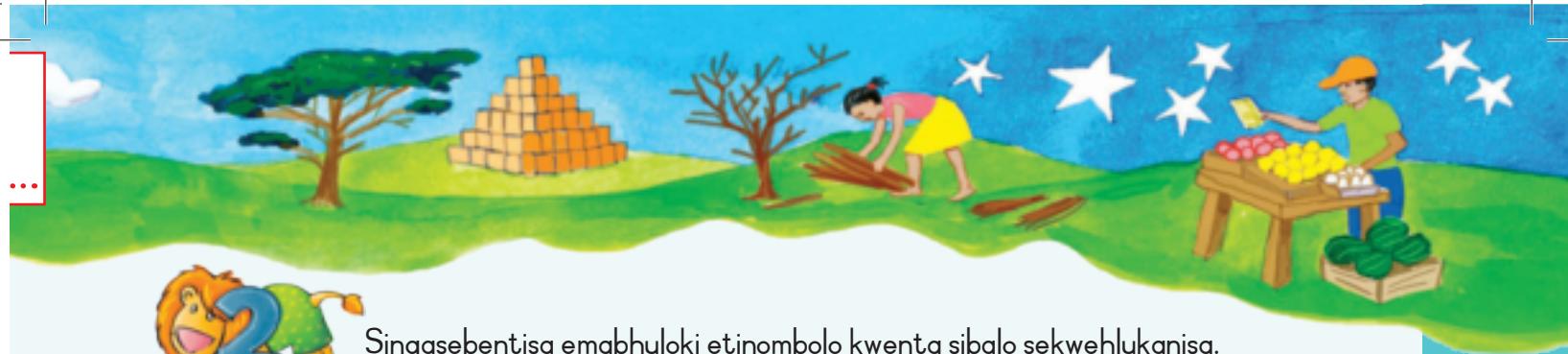


$$\div =$$

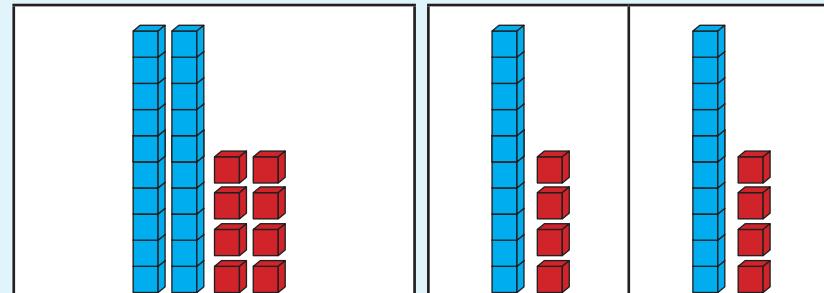
- c. Yehlukanisa emaswidi emkhatsini we-5 sebantfwana.



$$\div =$$



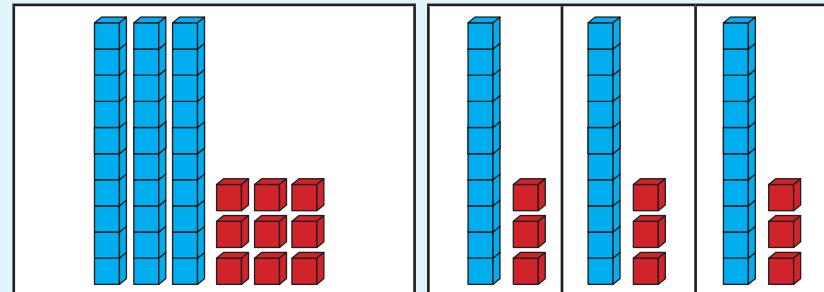
Singase bentisa emabholoki etinombolo kwenta sibalo sekwehlukanisa.



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

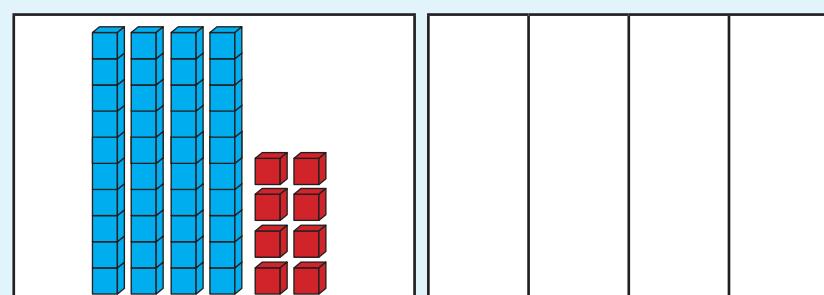
Nyalo yenta loku.

a.



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

b.



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



Teacher:
Sign:
Date:

30b

Lusuku:



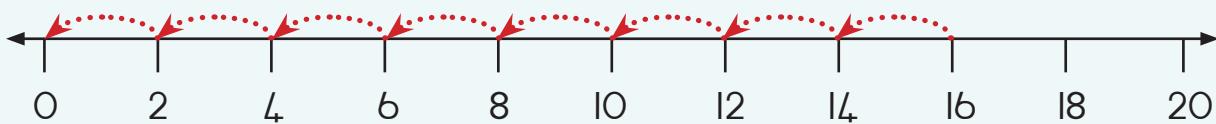
Ithemu |

Kwaba (siyachubeka)



Sebentisa imigcanombolo kubhala umusho-nombolo wekususa nekuhlukanisa.

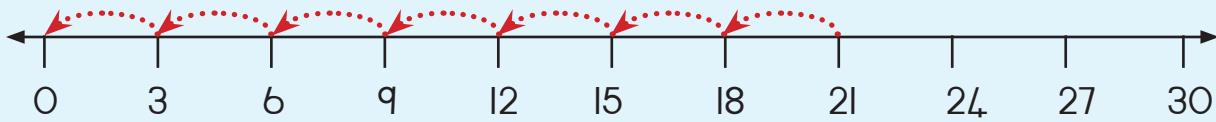
Sibonelo:



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

$$16 \div 2 = 8$$

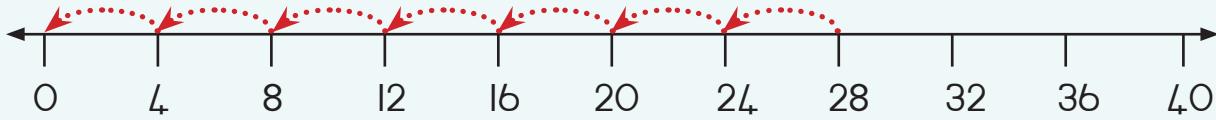
a.



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

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

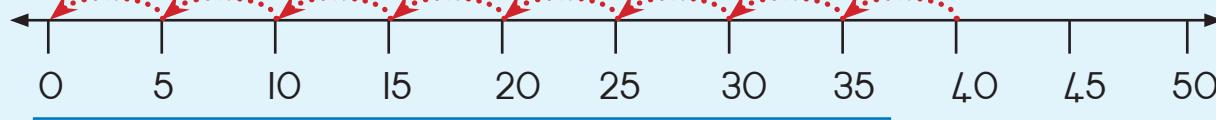
b.



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

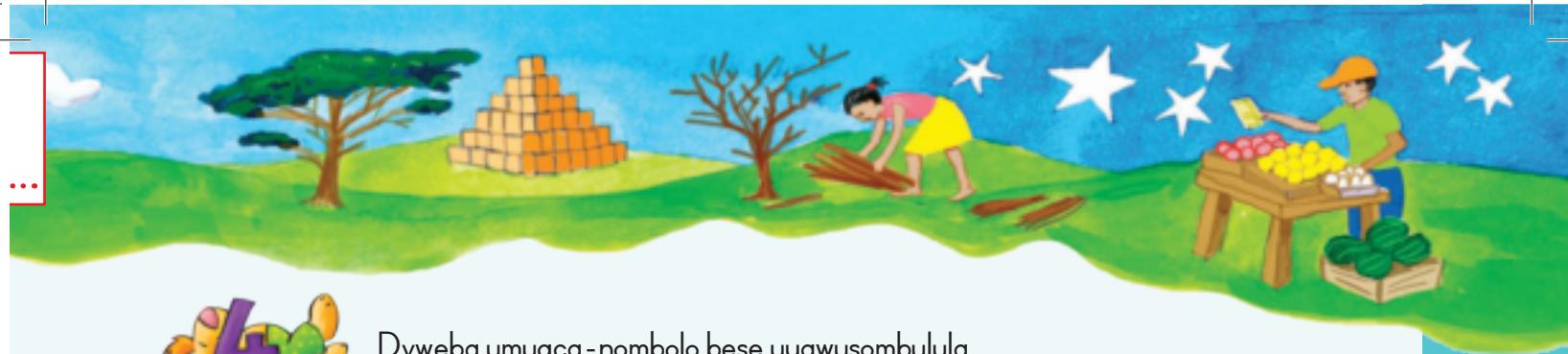
$$\boxed{\quad} \div \boxed{\quad} =$$

c.



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

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



Dvweba umugca-nombolo bese uyawusombula.

a. $30 \div 5 =$

← →

b. $22 \div 2 =$

← →

c. $27 \div 3 =$

← →

d. $32 \div 4 =$

← →

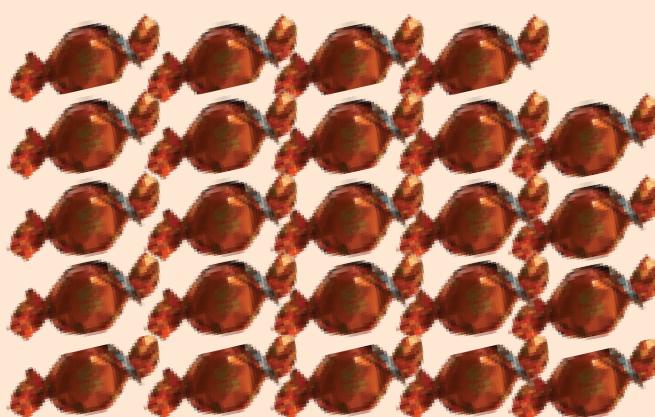
e. $25 \div 5 =$

← →



Insayeya

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



Teacher:
Sign:
Date:

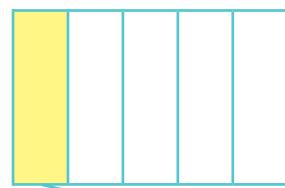
3I

Lusuku:

Ithemu |



Dvweba imigca kucondzanisa bunjwa nefrakhishini.



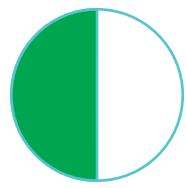
Incenye-ntsatfu yinye

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



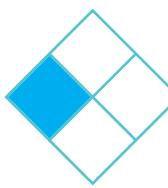
Incenye-sihlanu yinye

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



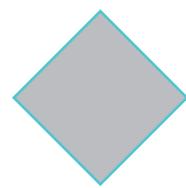
Ikota yinye

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



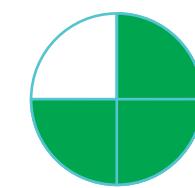
Ihhafu yinye

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



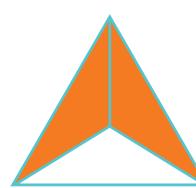
Emakota lamatsatfu

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



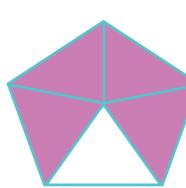
Incenye-kune kusihlanu

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



Kunye lokugcwele

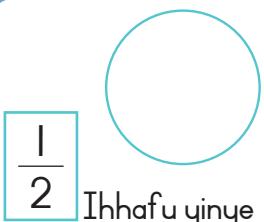
$$\frac{1}{1}$$



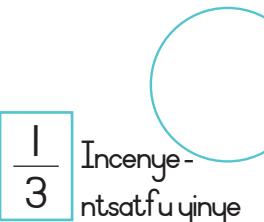
Incenye-mibili kukutsatfu

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

Hlukanisa bese ufaka umbala.



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



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



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



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



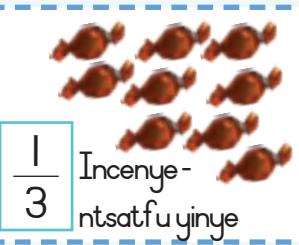
$$\frac{1}{2}$$

Khombisa lefrakhshini ngekudvweba umugca ugegelete inombolo lengiyo yemaswidi.



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

Ihhafu yinye



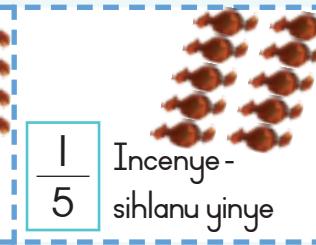
$$\frac{1}{3}$$

Incenye-ntsatfu yinye



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

Ikota yinye



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

Incenye-sihlanu yinye



Yabela bantfwana lababili tinsita kubala.

<table border="1"> <tr> <td></td><td></td></tr> <tr> <td></td><td></td></tr> </table>					<table border="1"> <tr> <td></td><td></td></tr> <tr> <td></td><td></td></tr> </table>					<table border="1"> <tr> <td></td><td></td></tr> <tr> <td></td><td></td></tr> </table>					<table border="1"> <tr> <td></td><td></td></tr> <tr> <td></td><td></td></tr> </table>				
<ul style="list-style-type: none"> Amunye wetfu utfole tinsita kubala letimbili. Ihhafu yetibali leti-4. 	<ul style="list-style-type: none"> Amunye wetfu utfole tinsita kubala _____. _____ wa _____ ngu _____. 	<ul style="list-style-type: none"> Amunye wetfu utfole tinsita kubala _____. _____ wa _____ ngu _____. 	<ul style="list-style-type: none"> Amunye wetfu utfole tinsita kubala _____. _____ wa _____ ngu _____. 																
$4 \div 2 = 2$	$\underline{\quad} \div \underline{\quad} = \underline{\quad}$	$\underline{\quad} \div \underline{\quad} = \underline{\quad}$	$\underline{\quad} \div \underline{\quad} = \underline{\quad}$																



Yaba lamaswidi emkhatsini webantfwana.

<table border="1"> <tr> <td></td><td></td><td></td><td></td></tr> <tr> <td></td><td></td><td></td><td></td></tr> </table>									<table border="1"> <tr> <td></td><td></td><td></td></tr> <tr> <td></td><td></td><td></td></tr> </table>						
<ul style="list-style-type: none"> ikota emaswidi = 3 emakota lamabili emaswidi = _____ emakota lamatsatfu emaswidi = _____ emakota lamane emaswidi = _____ 	<ul style="list-style-type: none"> incenye-ntsatfu emaswidi = _____ tincenye-ntsatfu timbili emaswidi = _____ tincenye-ntatfu letintsatfu emaswidi = _____ 														



32

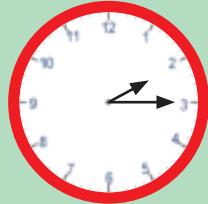
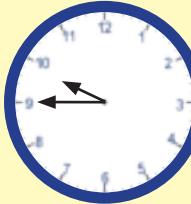
Lusuku:

Ithemu |

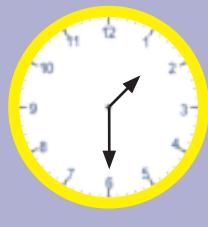
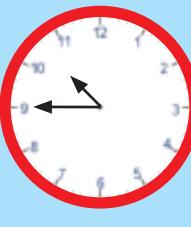


Kwati sikhatsi

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

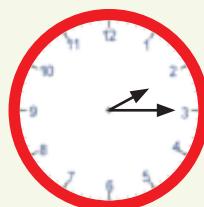
Ngabe Ben utsatsa sikhatsi lesingakanani kufika ekhaya?

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 kunetinyanga 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:

.....

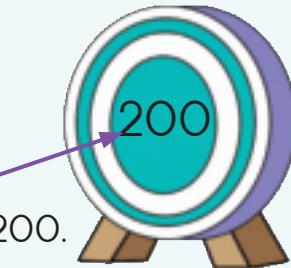
Ithemu 2

Hlosa kufika kuma - 200



Bala letinombolo

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



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



Bhala letinombolo

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

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



Bhala tinombolo letisele

a.

200		180			

50						110

b.

87		107		

167				

207				

237				



Cedzela

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

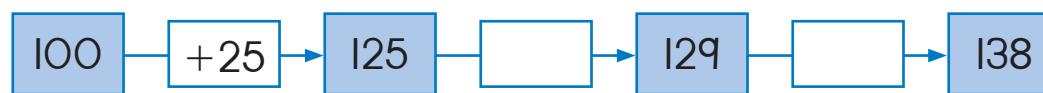
Bhala tinombolo
ngekulandzelana kusukela
kulencane kakhulu kuye
kulenkulu kakhulu.



Bala uchubeke kusuka kuli-100

Bala loko lodzinga kukwenta kute utfole inombolo lelandzelako.

Kucala



Kuphela



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? _____

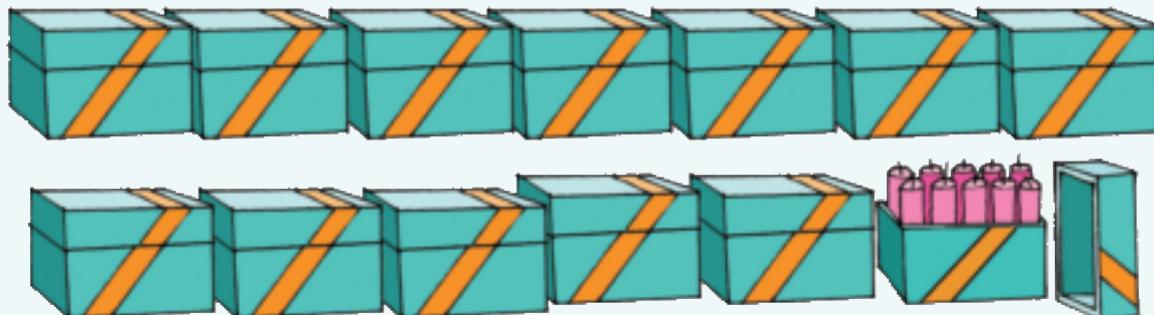
Mangakhi emabhokisi eshelufini ngalinye? _____

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:

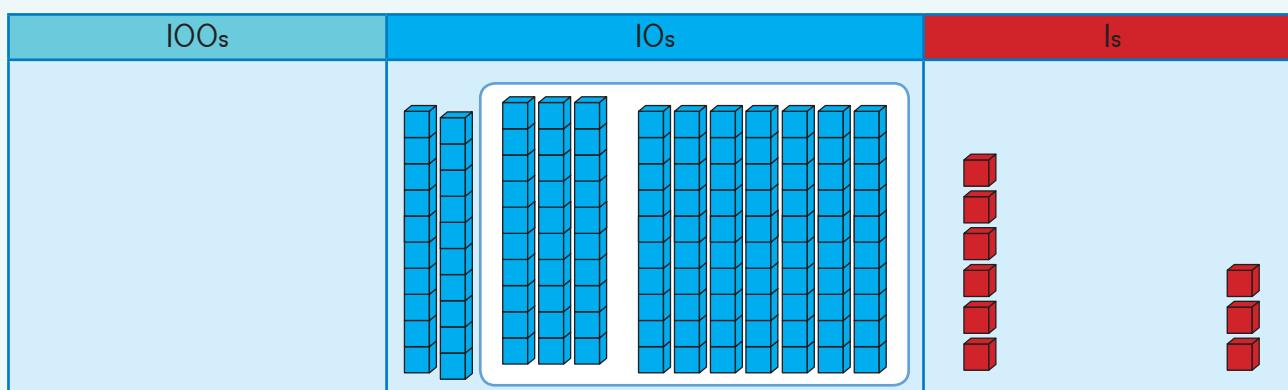
Ithemu 2



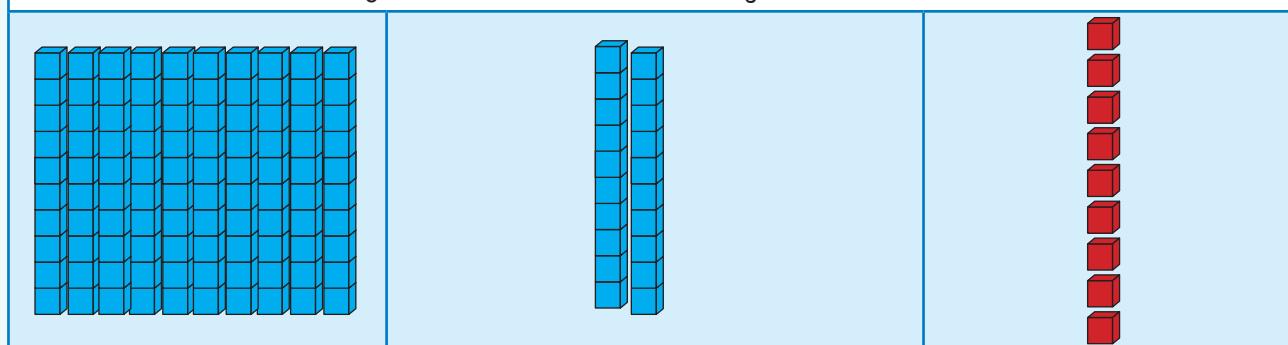
Kubeka emashumi ndzawonye neku siwehlukanisa

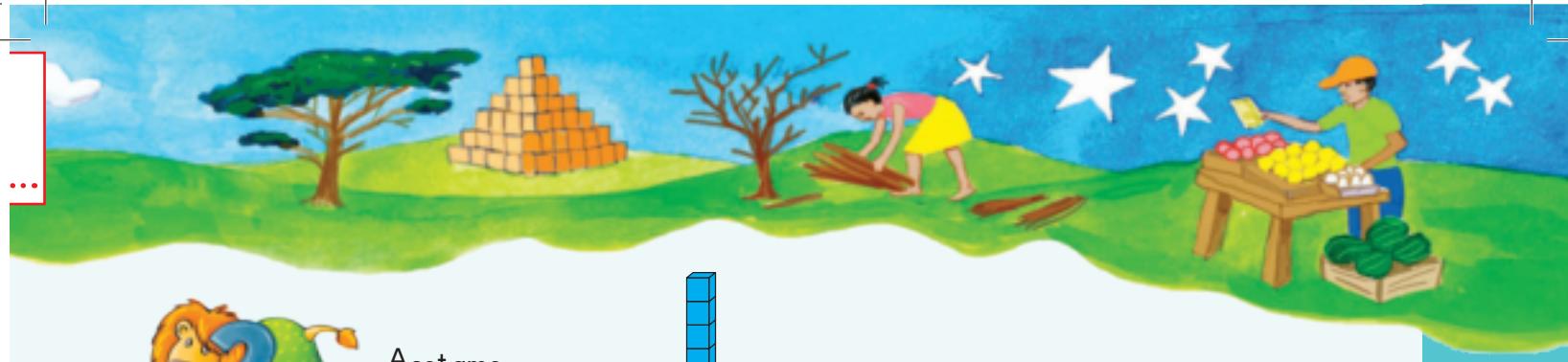
Kubeka emashumi ndzawonye uma sihlanganisa

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



Sikanye sinemashumi lali -12.
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

Lusuku:



Ithemu 2

Kubeka emashumi ndzawonye neku siwehlukanisa (siyachubeka)



Beka emacembu ndzawonye

Sebentisa emabholoki endzawo yenombolo akho.

Sebentisa emabholoki 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		



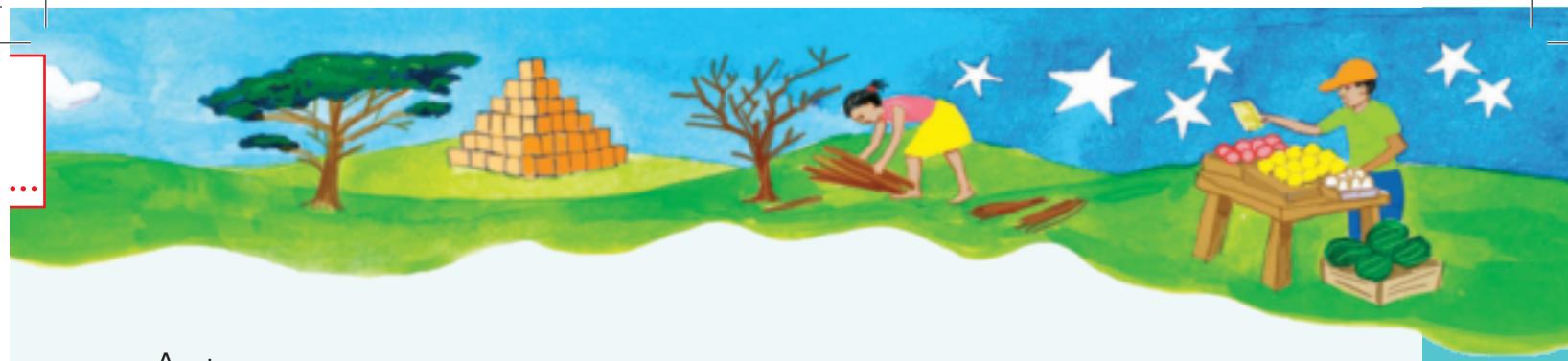
Kwehlukanisa emashumi uma sisusa

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	



Teacher:
Sign:
Date:

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Lusuku:

Ithemu 2



Kuvakashela dokotela wematinyo

Licembu lebantfwana livakashela dokotela wematinyo.



Loku nguloku bantfwana labamtjela kona.  = Isikhatsi

	✓	✓	✓	✓	✓	✓	✓	✓	✓				
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓								

- 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.



11 12 13 14 15 16 17 18 19 20

37a

Lusuku:

Ithemu 2



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

Uyati: $50 + 70 = 120$.

Utsatsa leli - 100, lama - 20 kanye nelikhadi le - q
kwenta inombolo yemadijithi lama - 3

q

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

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:

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



Aakar 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.



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 nalojitsandza 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?



Teacher:
Sign:
Date:

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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

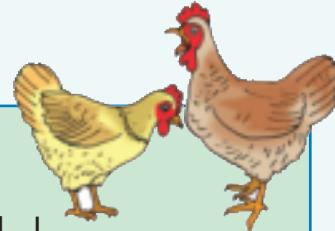


Musa utsengisa emathikithi. Bekenemathikithi langema-92 ekucala ngawo.

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



Teacher:
Sign:
Date:

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Lusuku:

Ithemu 2

Bala uphindze ucatulule



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.

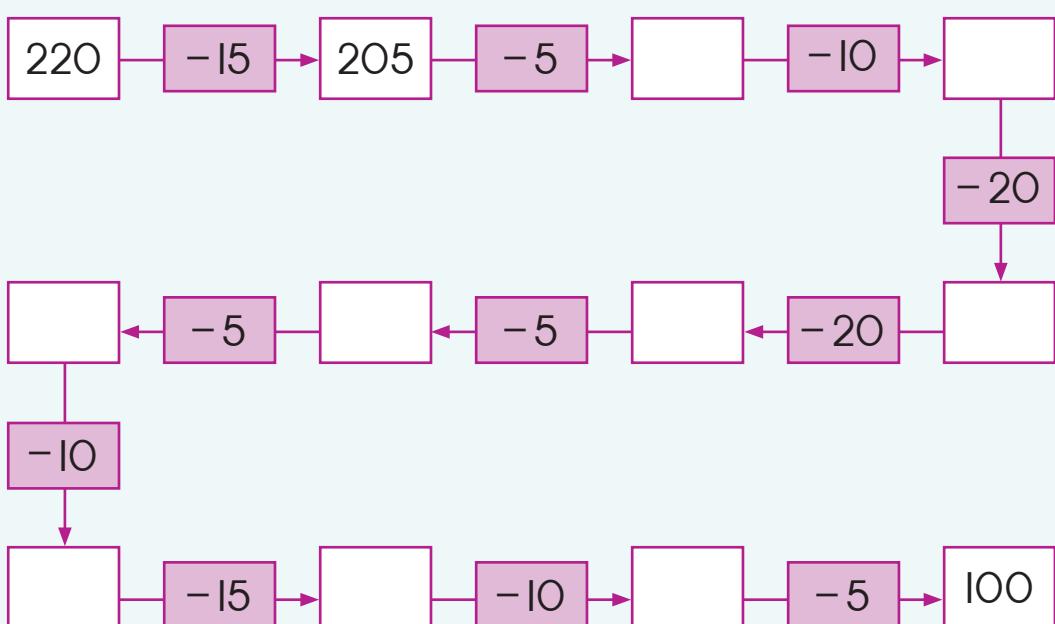
200	
	120



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.

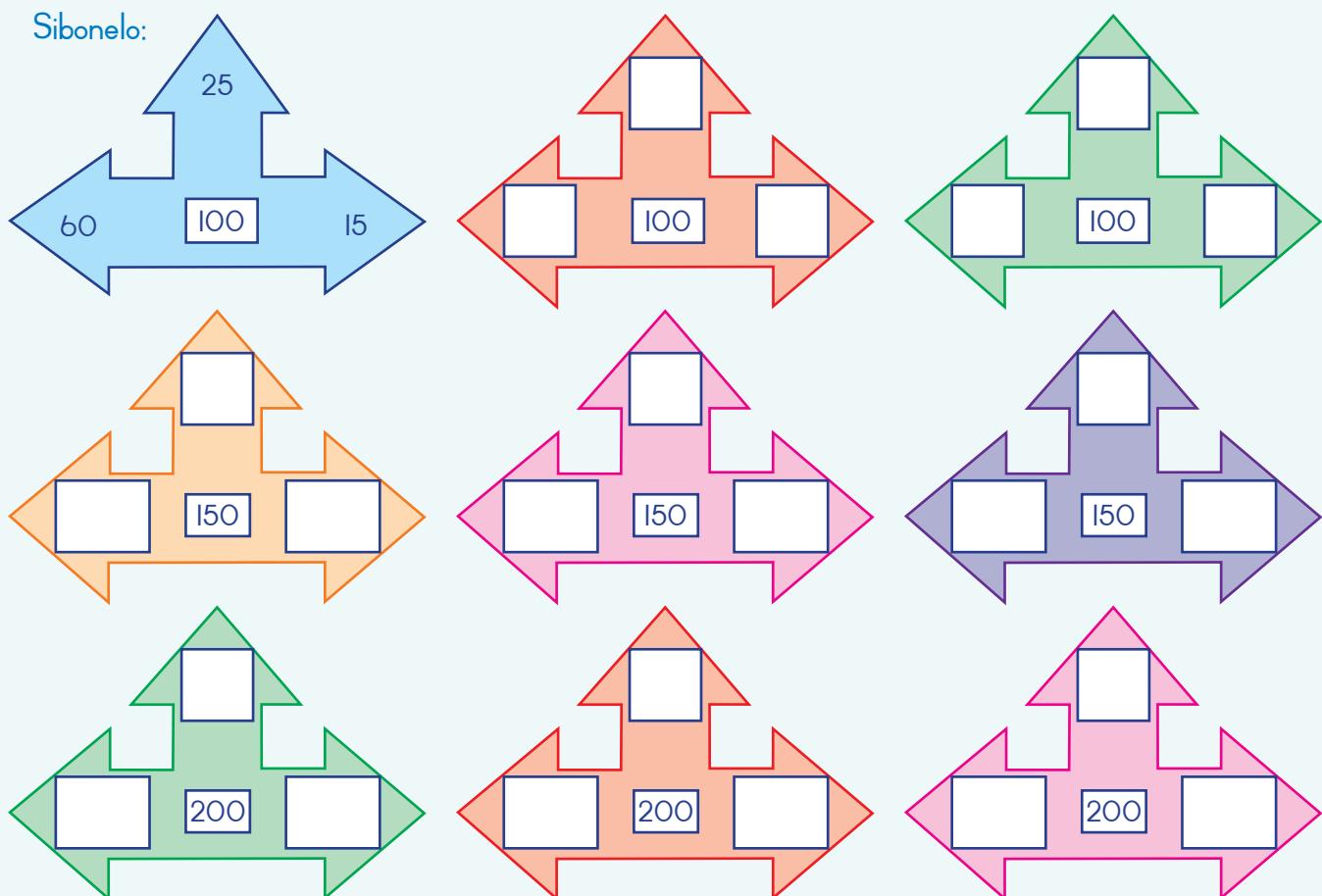


Iminden'i yalabatsatfu

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:

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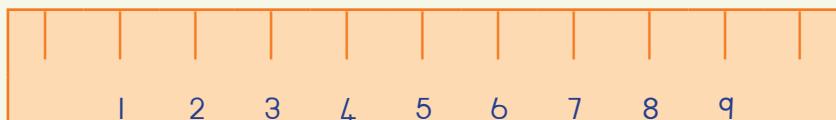
Lusuku:

Ithemu 2

Kukala ngemasentimitha



Ngabe lisentimitha lingakanani?



Letinombolo kurula timele emasentimitha.

Sisebentisa lesinciphiso nobe lumphawu lwa-cm.

Uma usebentisa irula, kumele ucale kulinganisa kuli-O.

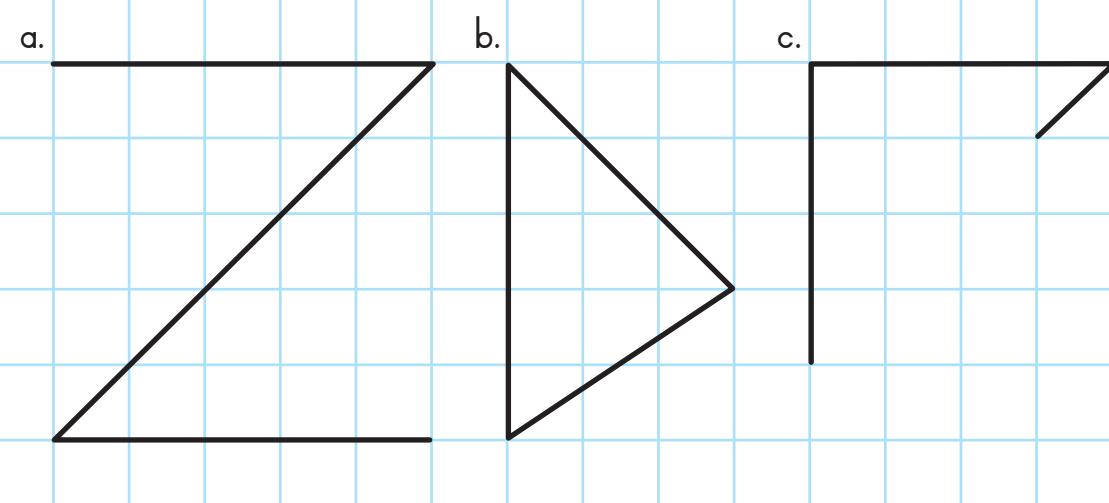
Lamanye emarula akakhombisi leli-O njengalena lekulelikhasi.

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.

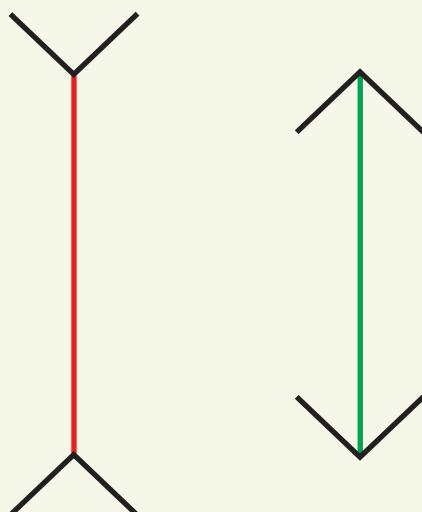
a. ————— <input type="text"/> cm	d. <input type="text"/> cm
b. ————— <input type="text"/> cm	e. ————— <input type="text"/> cm
c. ————— <input type="text"/> cm	f. ————— <input type="text"/> cm



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: _____

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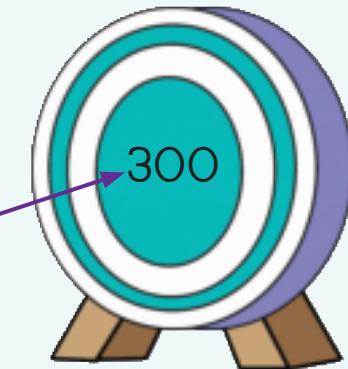
Lusuku:

Ithemu 2

Umgomo 300



Bala futsi ubhale ema - 200

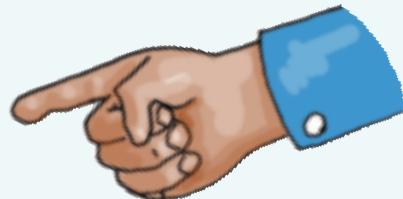


Bala kusuka kuma - 201 kuye kuma - 300.

Khomba njengobe uhamba.

Emva kwaloko gcwalisa tinombolo letilingangane kucala.

Sale ubhala tonkhe letinye tinombolo.



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

Bhala letinombolo letili - 10 letilandzelako emva kwema - 300.

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



Yini luzubo?

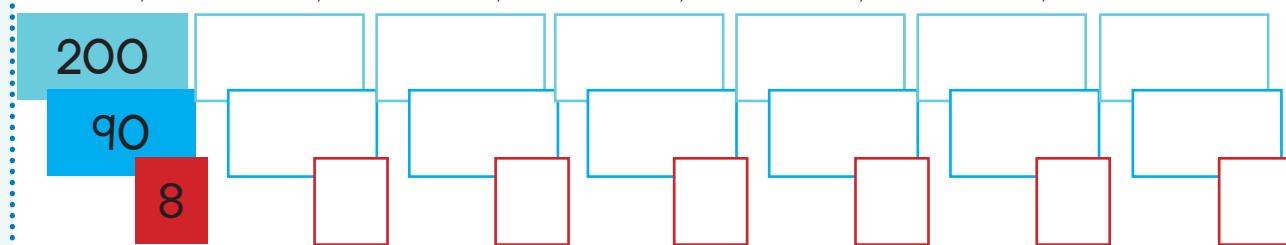
30I		28I						
								2II
							10I	



Kukhombisa nekucatsanisa.

- a. Bhala letinombolo lettingena ekhadini ngalinye.

298; 208; 30I; 276; 227; 269; 3II



- 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

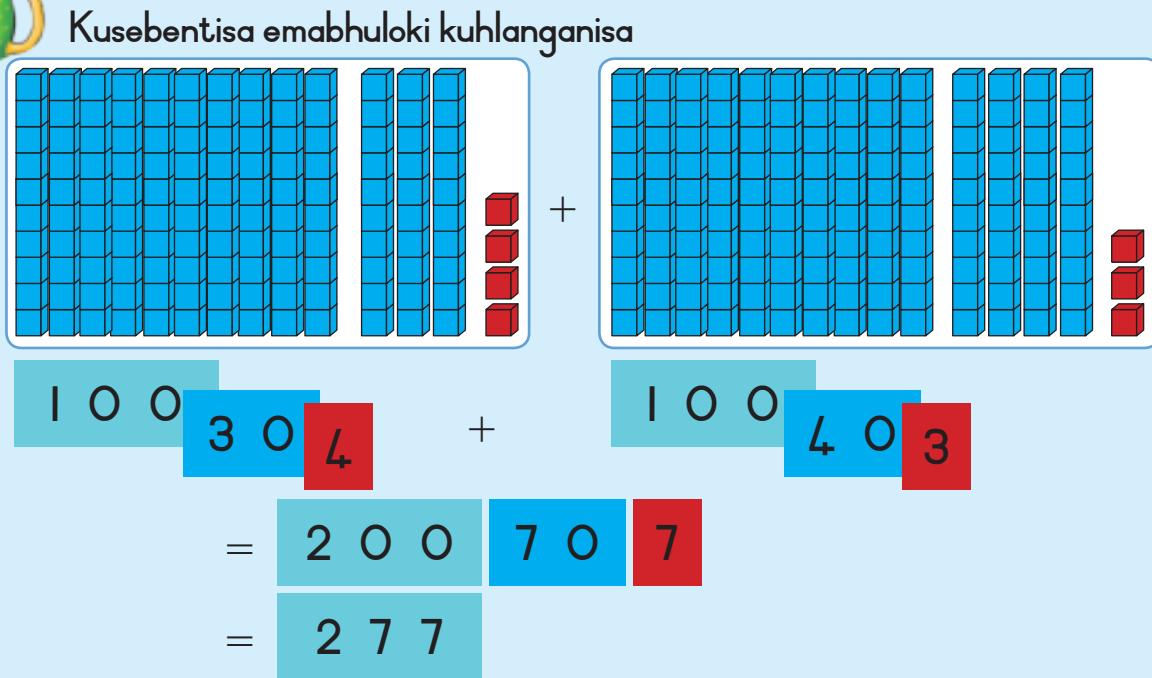
42

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

$$\begin{aligned}
 &\cancel{1}3\cancel{2} + \cancel{1}2\cancel{3} \\
 &= 200 + 50 + 5 \\
 &= 255
 \end{aligned}$$

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

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



b. $194 - 122$

c. $288 - 199$



Teacher:
Sign:
Date:

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Lusuku:

Ithemu 2

Umgomo 400

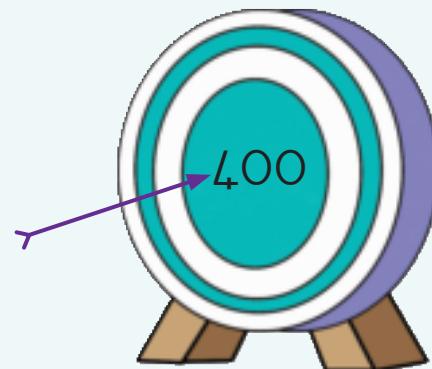


Kubala nekubhala ngema - 400

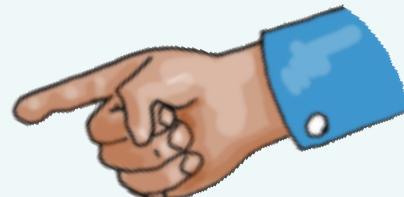
Bala kusuka kuma - 300 uye kuma - 400

Shano tinombolo usachubeka.

Bhala tinombolo letishiyiwe kulegridi.



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

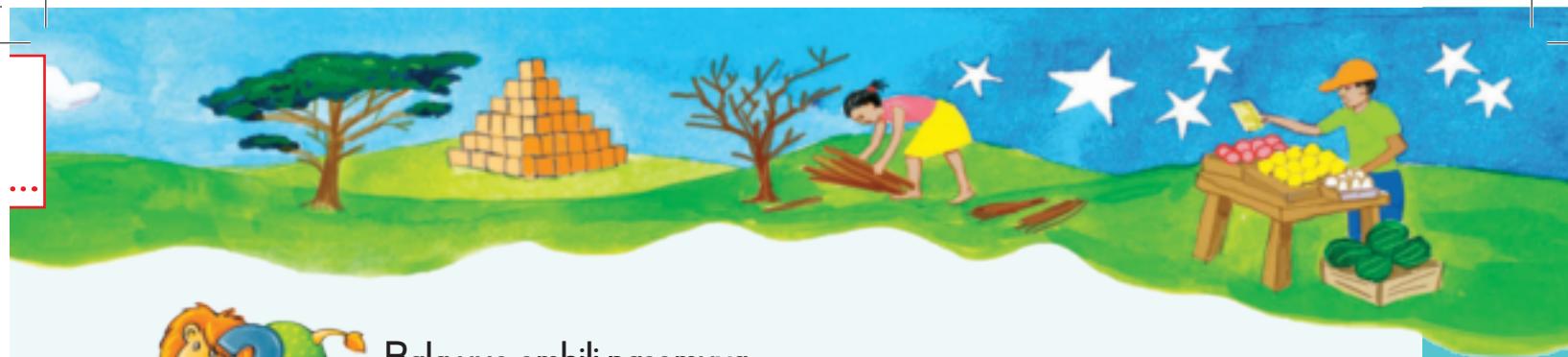


Bhala tinombolo letiyi - 9 emva kwema - 400.

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

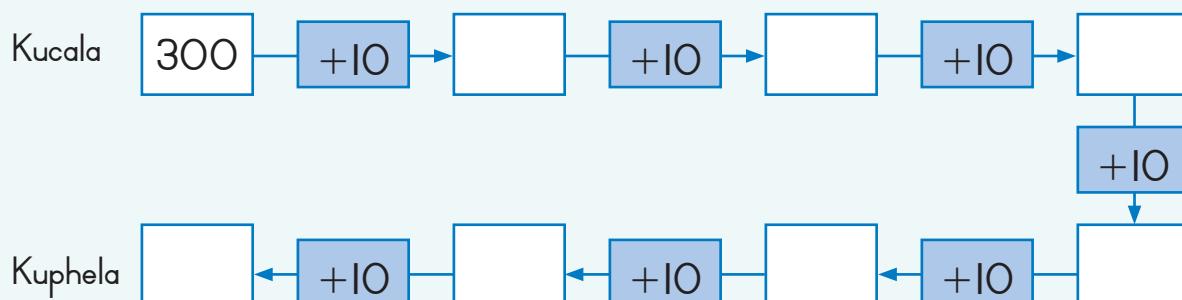
100

1 2 3 4 5 6 7 8 9 10

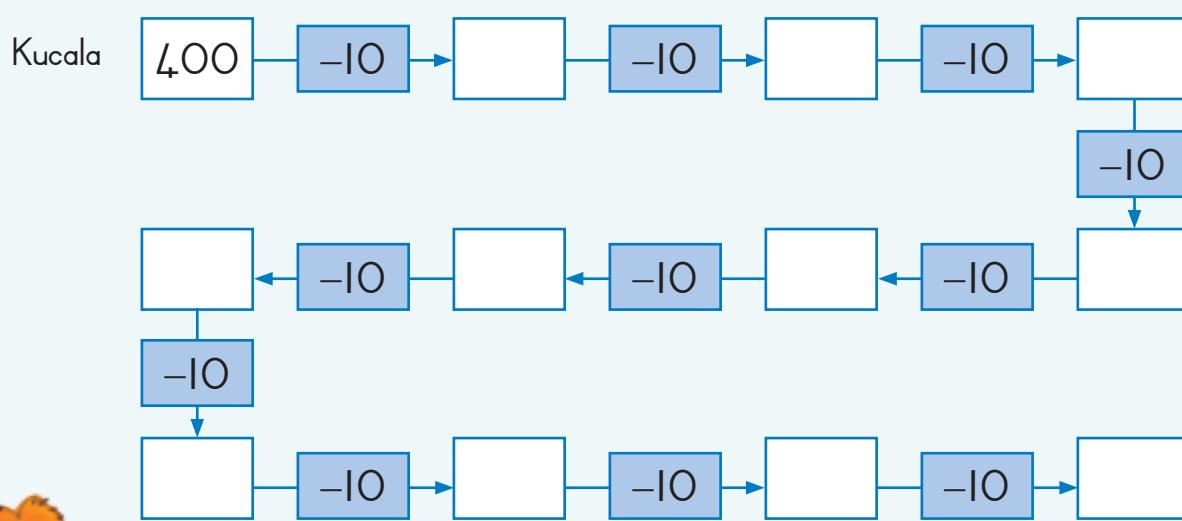


Bala uye embili nasemuva.

- a. Kubala uye embili ngemashumi usuka kuma -300



- b. Bala usuke kuma -400



Bhala kube yinombolo yinye.

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

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

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

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

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

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

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

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

Bhala tinombolo ngekulandzelana kwato kusuka kulencane kakhulu kuya kulenkhulu kakhulu.

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



Teacher: _____
Sign: _____
Date: _____

44

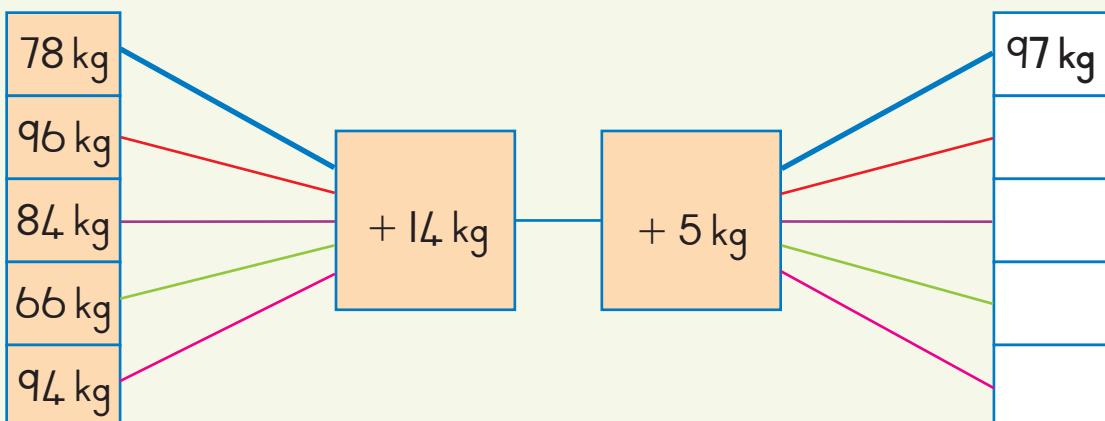


Ithemu 2



Inombolo lekhetskile

Hlanganisa uphindze ubhale timphendvulo.



Sondzeta bese uyengeta!

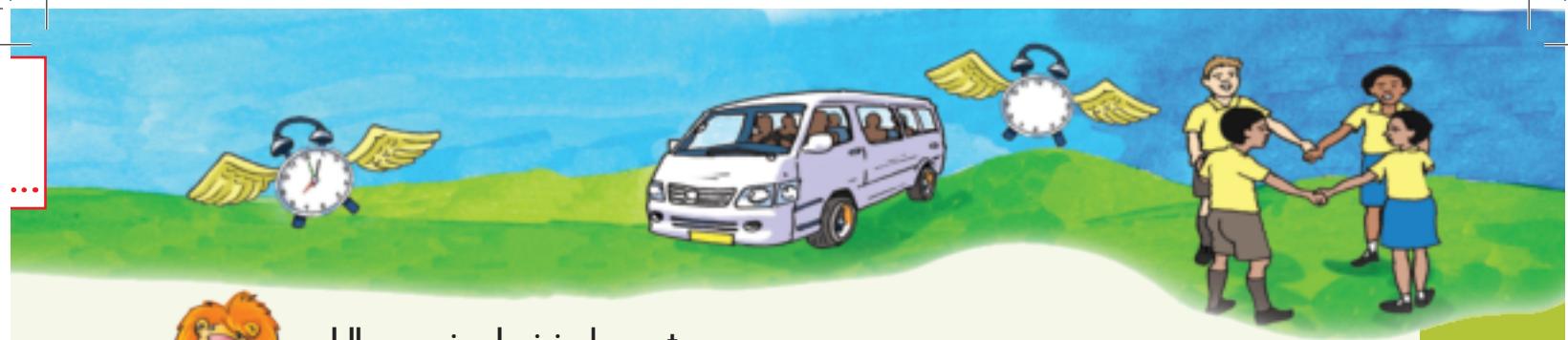
Cabanga ngekuhlakanipha!

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

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,
kodwa 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.



45



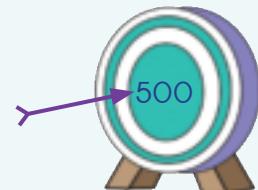
Lusuku:

Ithemu 2



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

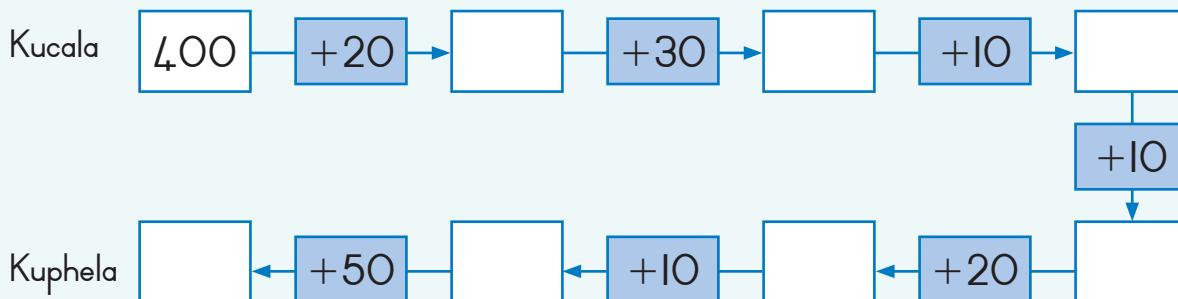
e. Bala ngeti-5. Bhala tinombolo letisi-8 letilandzelako ngephethini yeti-5.

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

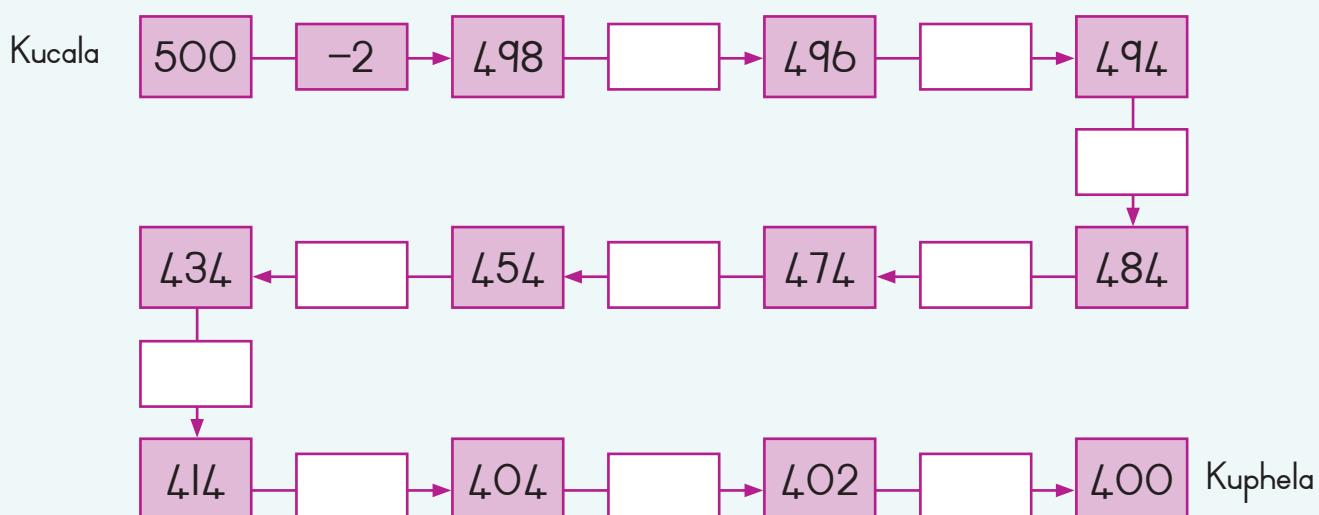


Yini umehluko?

- 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:

Kuhlanganisa nekususa

Yini lokubonako?

$\begin{array}{r} 200 \\ + 200 \\ \hline 400 \end{array}$ $\begin{array}{r} 50 \\ + 30 \\ \hline 80 \end{array}$ $+ 1 = 81$	$\begin{array}{r} 400 \\ + 80 \\ \hline 480 \end{array}$ $+ 9 = 489$	
---	--	--



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

$$\begin{aligned}
 &\cancel{\begin{array}{r} 245 \\ + 231 \\ \hline 476 \end{array}} \\
 &= 400 + 70 + 6 \\
 &= 471
 \end{aligned}$$

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

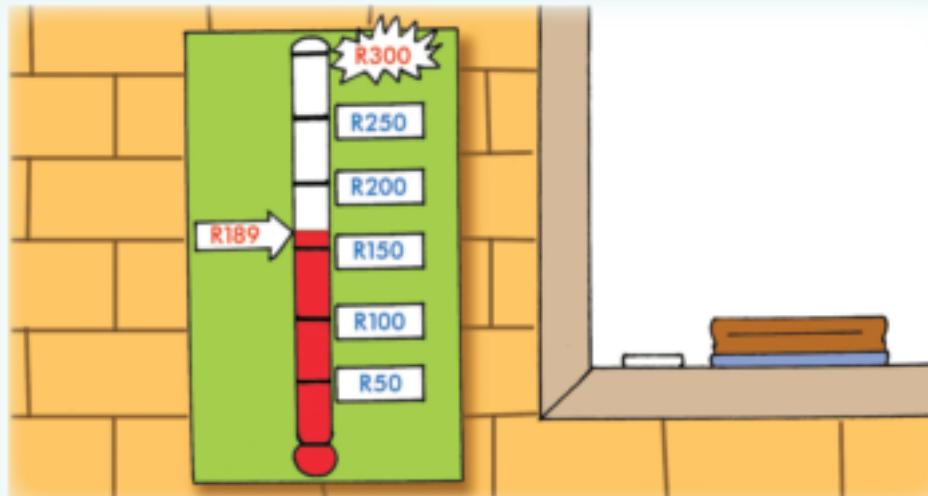
$$\begin{aligned} &\cancel{4}7\cancel{6} + \cancel{3}2\cancel{4} \\ &= 100 + 50 + 2 \\ &= 152 \end{aligned}$$

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!

• * ☽ * • • * ☽ * • • * ☽ * •

I 2 3 4 5 6 7 8 9 10 II 12 13 14 15

- a.
- Lutawuba njani lumphawu Iwa-16? Faka lumphawu (✓) loku lokunguko. * • ☽
- Lutawuba njani lumphawu Iwa-18? Faka lumphawu (✓) loku lokunguko. * • ☽
- Lutawuba njani lumphawu Iwa-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.



II 12 13 14 15 16 17 18 19 20

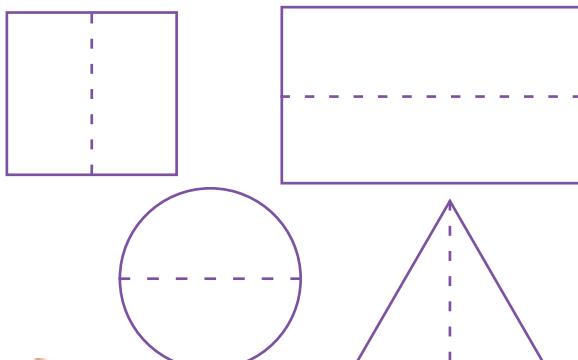
48

Lusuku:

Ithemu 2

Umugca-sibuko

Yini lokunakako ngalabobunjwa?



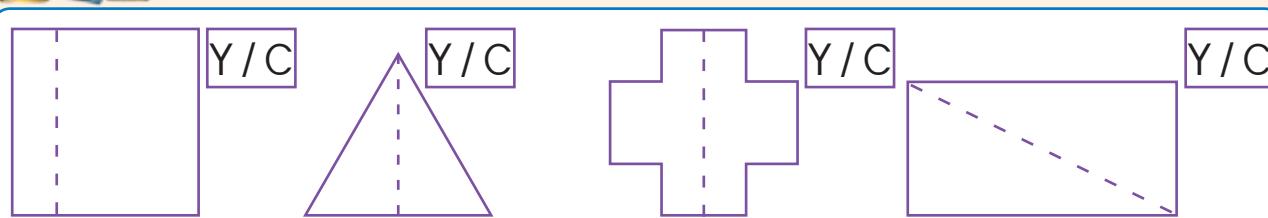
Dvweba umugca wesitfunti-mafanana waloyo naloyo bunjwa.

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

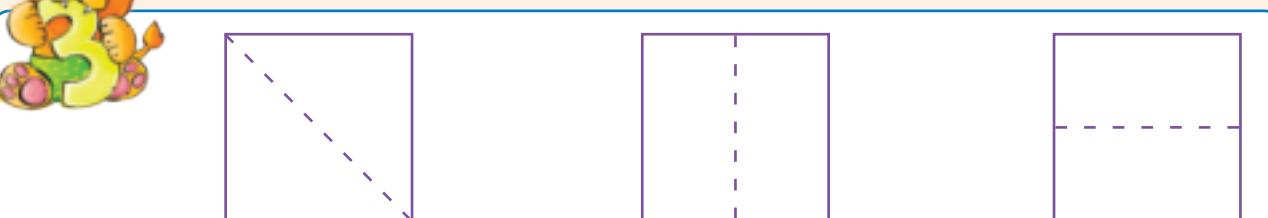
Bunjwa uba nesitfunti-mafanana uma ungamgoba emugceni wesitfunti-mafanana lapho khona labohhaf u lababili bafana njengemaphahla.



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



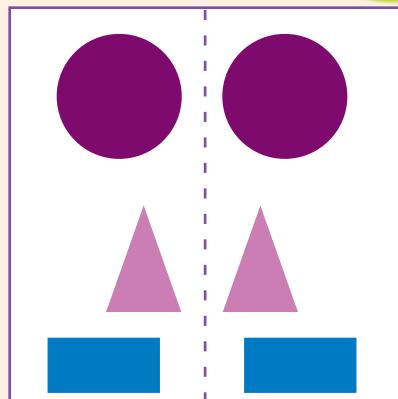
Ngabe nguwo umkhatsi-layini locondzile lo? Usho ngani?



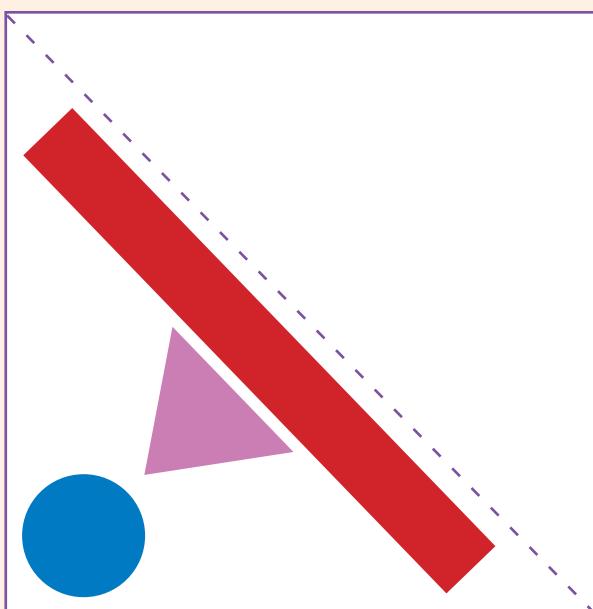


Dvweba bobunjwa kwenta sitfombe
sesitfunti-mafanana. Sikwentele
sibonelo sekucala.

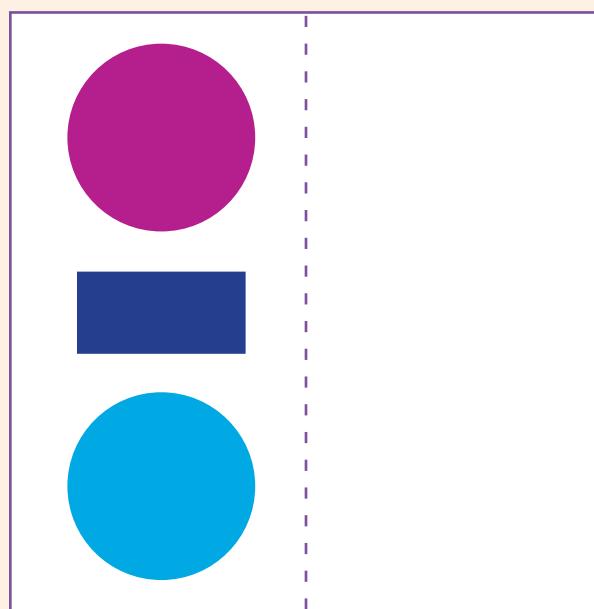
a.



b.



c.



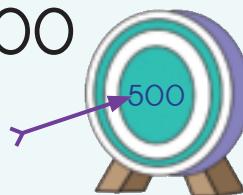
Yakha lakakho
licansi
letitfunti-
mafanana
usebentise
bobunjwa.



Teacher: _____
Sign: _____
Date: _____

49

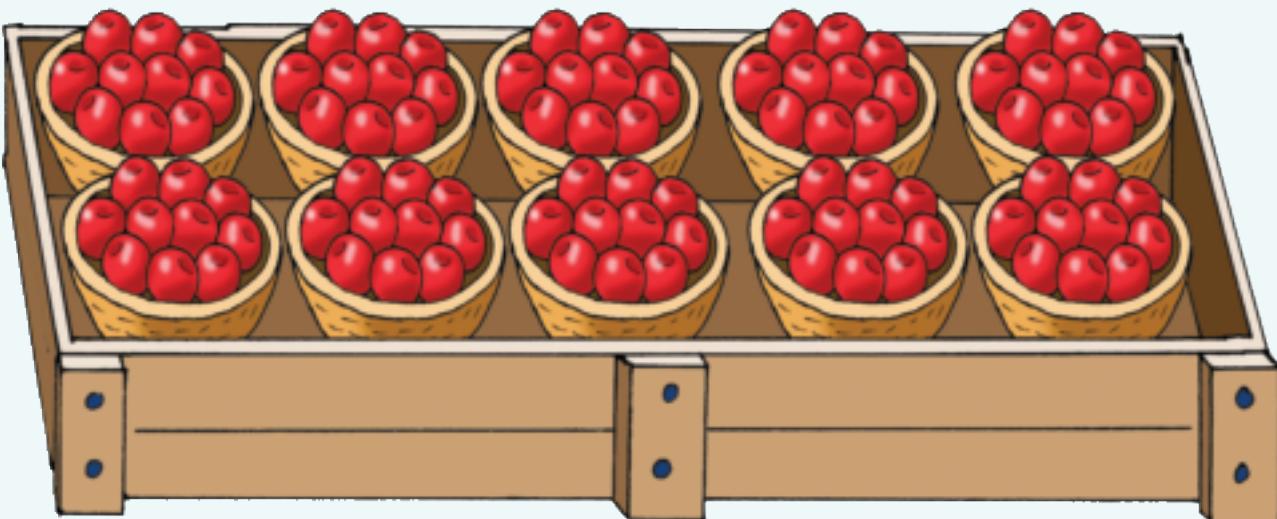
Lusuku:



Kwakha kufika kuma - 500

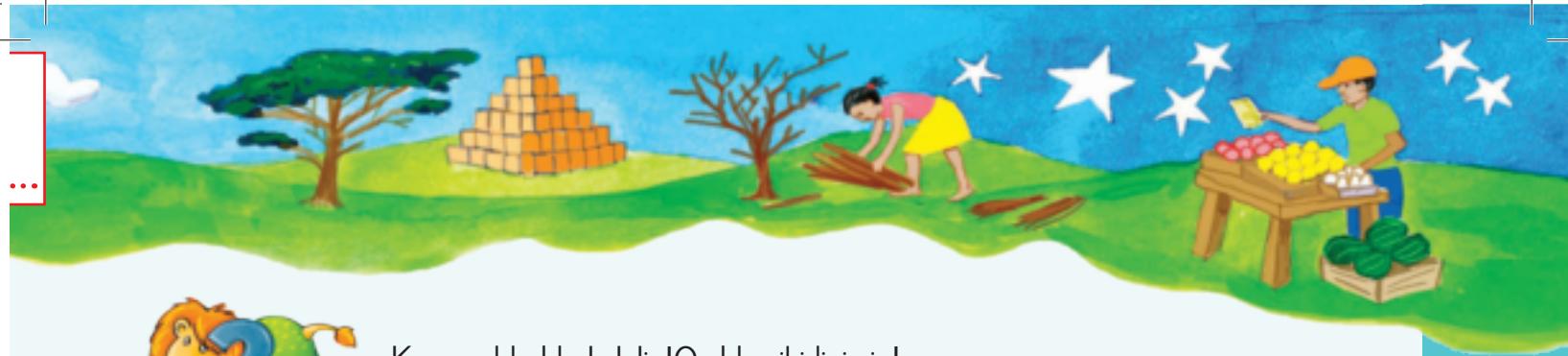


Kubala lamahhabhula



Cedzela bese uyaphindzaphindza.

Libhasikidi li-1 liphatса emahhabhula la _____.	$1 \times 10 = 10$
Emabhasikidi lama-3 aphatsа emahhabhula la _____.	$3 \times 10 =$
Emabhasikidi lasi-5 aphatsа emahhabhula la _____.	
Emabhasikidi la-4 aphatsа emahhabhula la _____.	
Emabhasikidi la-2 aphatsа emahhabhula la _____.	
I likasi licukatsа 100 wemahhabhula.	2 wemakasi acukatsа _____ wemahhabhula.
3 wemakasi acukatsа _____ wemahhabhula.	4 wemakasi acukatsа _____ wemahhabhula.
5 wemakasi acukatsа _____ wemahhabhula.	2 hhafu wemakasi ucukatsа _____ emahhabhula.

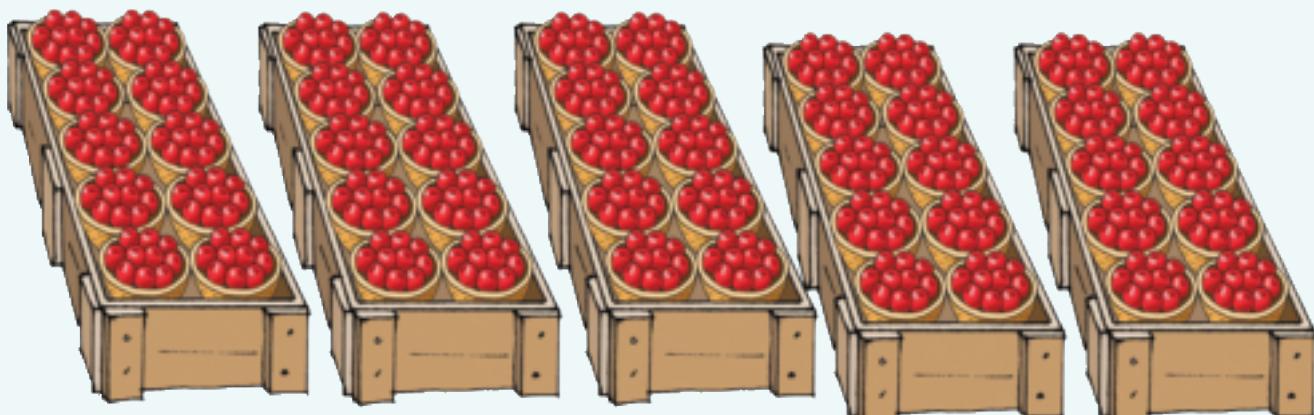


Kunemahhabhula lali -10 ebhasikidini yi -I.

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?

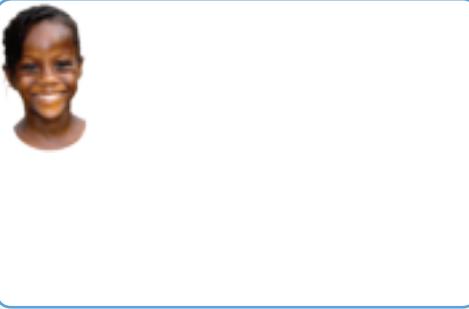
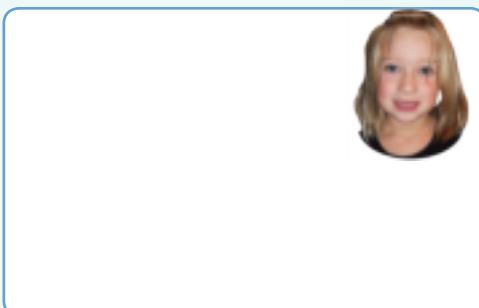
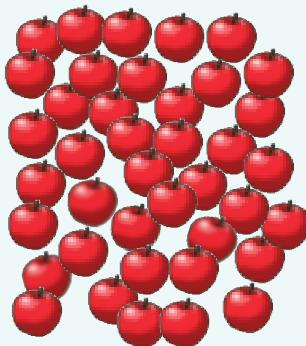
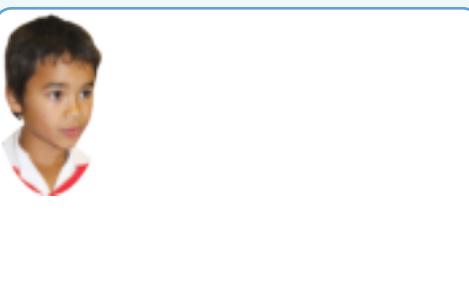


Emahhabhula	10	20	30	40	50
Emabhasikidi	1	2			
÷ sibalo					$50 \div 10 = 5$
× sibalo					$5 \times 10 = 50$



a.

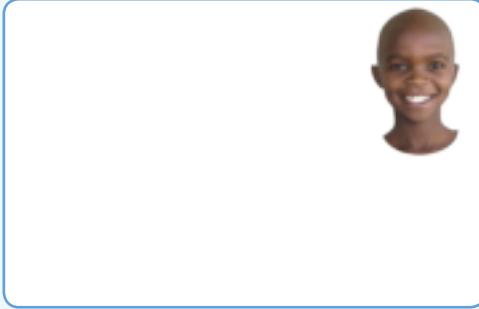
Yabela bantfvana emahhabhula. Yenta sibalo sekwaba nesekuphindzaphindza kuhlolisia inphendvulo yakho.



Hlola timphendvulo takho

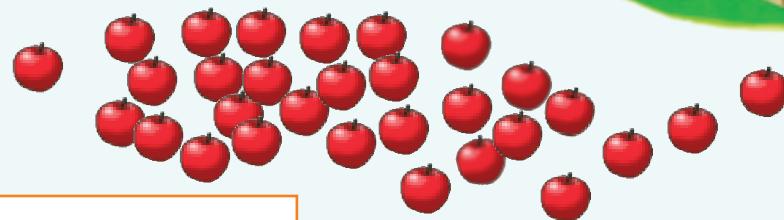
$$\boxed{} \div \boxed{} = \boxed{}$$

$$\boxed{} \times \boxed{} = \boxed{}$$

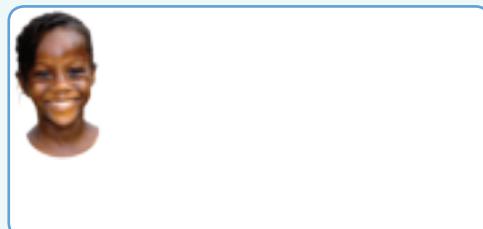




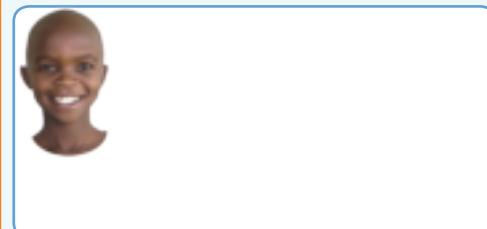
b.



Bhala sibalo se ÷



Bhala sibalo se
× kuhlolisia
timphendvulo takho.



Sebentisa letinombolo kwenta yakho imishonombolo.



Imishonombolo

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

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



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



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



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



Bhala inombolo lencane nga 10 nalenkhulu nga 10 kunaleyo leniketiwe.

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



Teacher:
Sign:
Date:

5|

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.

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

Lusuku:

.....



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

- a. 85; _____; _____; 70; _____; _____; 55; _____; _____
- b. 240; _____; _____; 255; _____; _____; _____; _____; 280
- c. 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

Cabanga ngekuhlakanipha! Yakha ngetintfo lotatiko!

I	2	3	4	5	6	7	8	9	10
5	10								
II	12	13	14	15	16	17	18	19	20
55									



11 12 13 14 15 16 17 18 19 20

Kusebenta ngesikhatsi



Dwweba letikhatsi

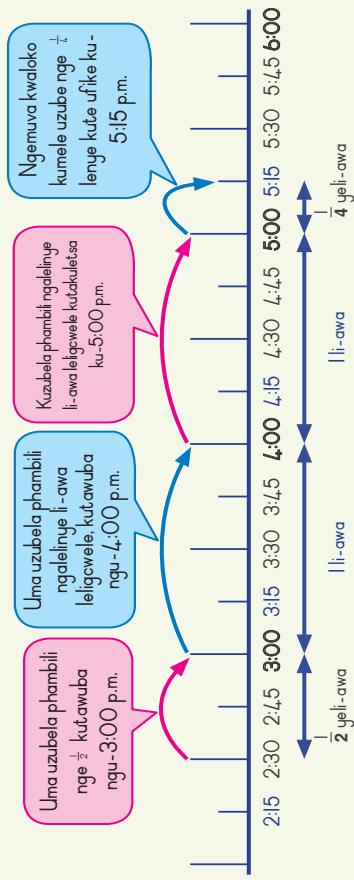
Kugabence insimbi yesi - 5	Kusele emashumi lasihlalu kutsi kushaqe insimbi yelishumi nakunye	Imizazu leishumi nesihlunu ishauje insimbi yesi - 12	12:45	6:15	4:00	3:00	2:15	1:00

Inkinga yesikhatsi

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



Singasembentisa umugacisikhatsikubala.
Belta umunwe wakho
ku-2:30, sikhatsi lekunguso nyalo.

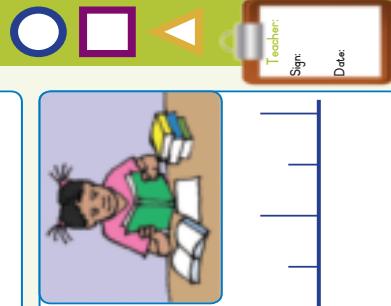


Bulka, Catsuanssa, Lungisa.

Catullula inklinga ngayinye. Sebentisa imigcasikhatsi kukuista.

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

Uvakashe sikhatsi lesingakanani?



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

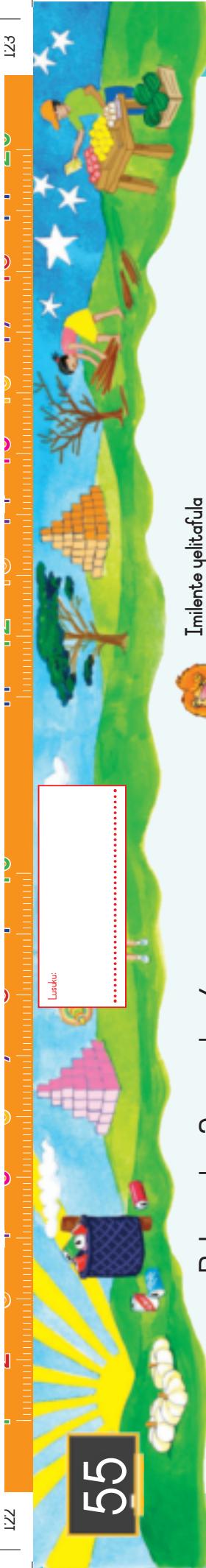
- c. Tumi ucalá kufundza ng-a- 13:15 p.m.
Ucedza ng-a- 14:45 p.m.
Ngabé Tumi ufundze sikhatsi lesingakanani?



Teacher:

Sig:

Date:



Bala ngaku-3 nangaku-4

Emabhodo lanimilente lemi-3



Itthemu 2



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.

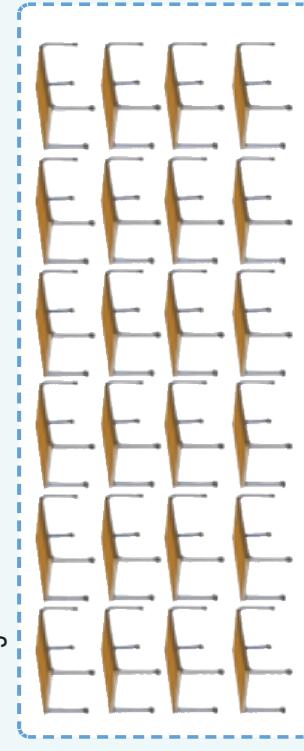
Nagumuphi umusho nombolo lokhombisa sekukonkhe.
 $21 \times 7 = \square$ $3 \times 7 \times 3 = \square$ $3 \times 4 \times 2 = \square$ $21 \times 3 = \square$

Mingakkhi imilente?

Cabanga ngekukshesha
Cabanga ngekuklakanipha

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

Imilente yelitafula



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	6	12	15	24	30	33	36
× 4	8	16	20	32	40	44	48

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

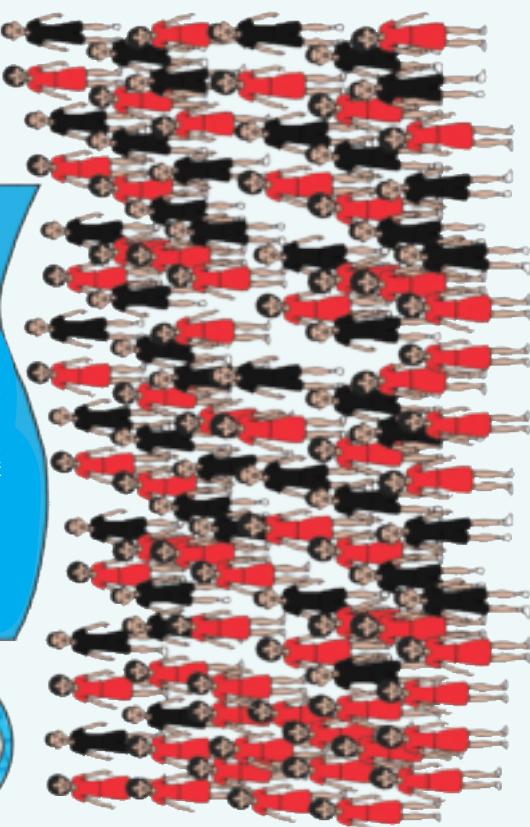
Sita bantfwanा

Umtfwanा munye, ingubo yinye!

Bangakhi bantfwanà? Linganisa, bese ugabala.



Ngubo yetitse mba
Futfuneta bantfwanafwabefu
NPO 123-098



Bonkhe labantfwanà esitfombeni batfola ingubo.
Bangakhi bantfwanà labapho? _____

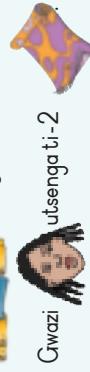
Linganisa	Bala	Catsanisa

Bangakhi ☺ bafana? _____ Mangakhi ☺ emantfombatana? _____

Ngumalini lebamphadalo?



Gwazi utsegna ti-2



Ubhaddala

R



Make Chaane utsengsa si-5

Ubhaddala

R



batsengema-20

Bobhaddala

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 _____

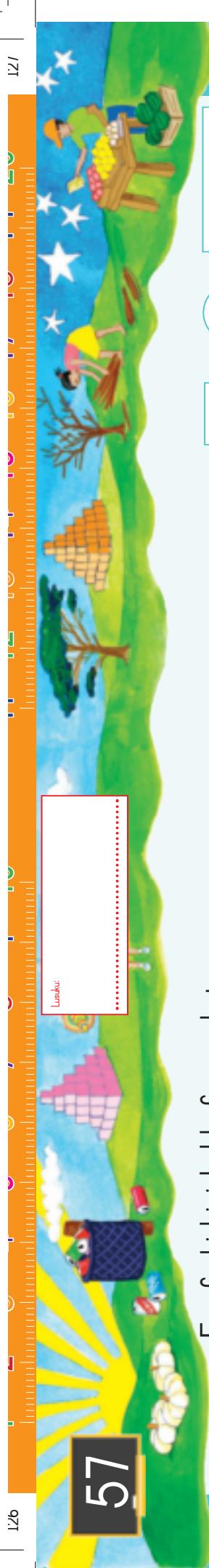
Kutawutsatsa sikhatsi lesingakanani? Sebentisa ikhalenda.

Likilisi lelibanga 3 ligogca imali yekutsenga tingubo leti-4.

Bagogca R5 ngelilangga ngemalanga losi-5 ngeliviki.

Badzinga mangakhi emaviki kukoleka imali yaletingubo?



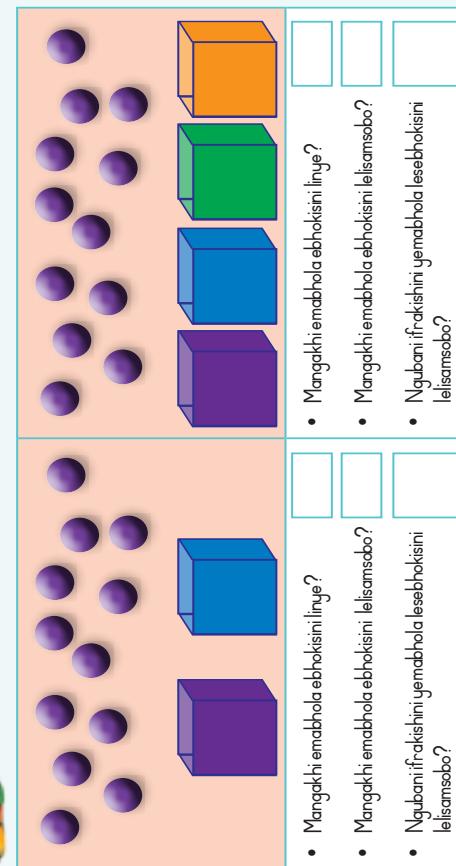


57

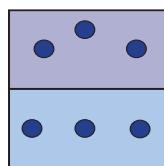
Emafrakishini: bohhafu nemakota



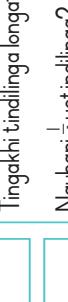
Yaba emabholo ngekulingana emkhatsini wemabhokisi



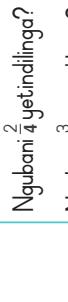
Tingakhi tindilinga longatibola?



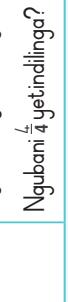
Ngubani $\frac{1}{2}$ yetindilinga?



Ngubani $\frac{1}{4}$ yetindilinga?



Ngubani $\frac{3}{4}$ yetindilinga?



Ngubani $\frac{4}{4}$ yetindilinga?

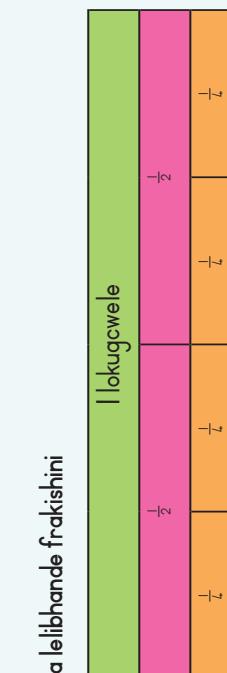
1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20

Ithemu 2

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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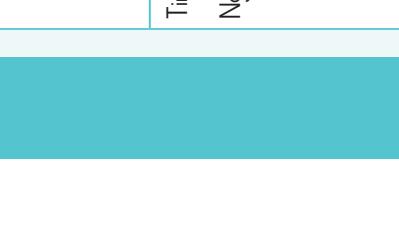
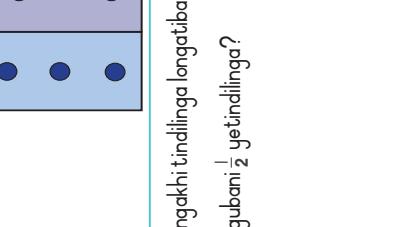
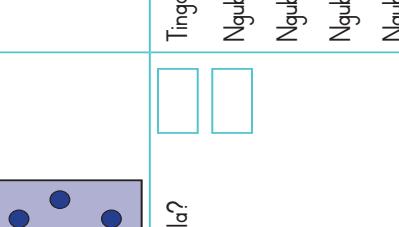
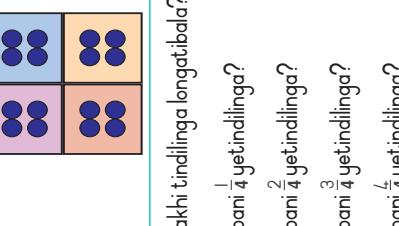
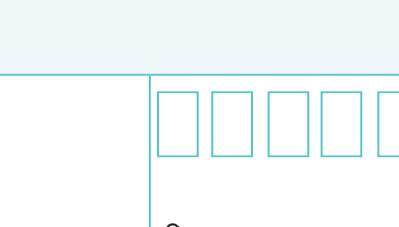
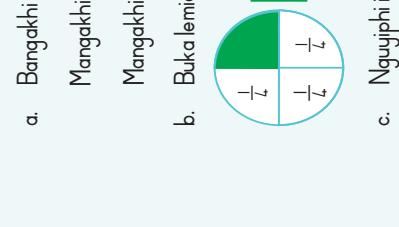
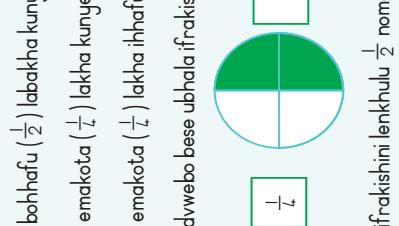
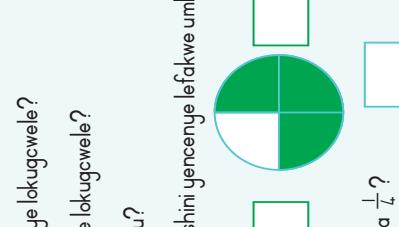
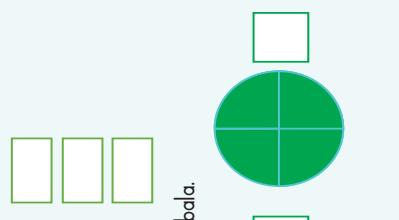
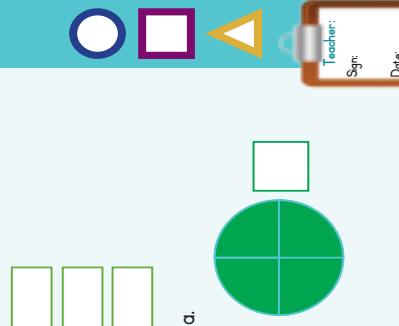
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Faka umbalaku $\frac{1}{2}$ waloyo bunjwa.	<input type="text"/>
Faka umbalaku $\frac{1}{4}$ waloyo bunjwa.	<input type="text"/>
Faka umbalaku $\frac{2}{4}$ waloyo bunjwa.	<input type="text"/>
Faka umbalaku $\frac{3}{4}$ waloyo bunjwa.	<input type="text"/>



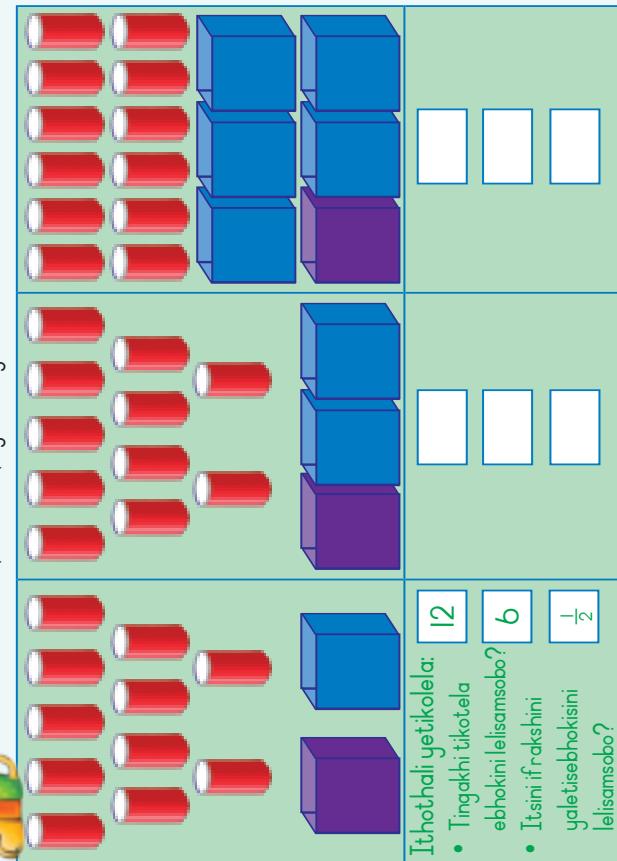
Bukalelibhande frakishini

- 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 lemidwewe bese ubhaliafrakishini yencenye lefakwe umkala.
- | | |
|---------------|---------------|
| $\frac{1}{4}$ | $\frac{1}{4}$ |
| $\frac{1}{4}$ | $\frac{1}{4}$ |
- c. Ngujiphifrakishini lenkhulu $\frac{1}{2}$ nomq $\frac{1}{4}$?

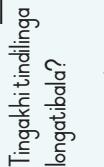
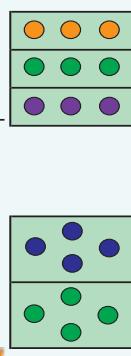


Emafrakishini: bohhafu, boncenyeſitupha naboncenyeſitupha

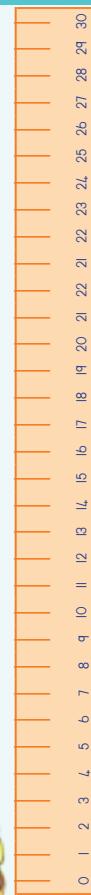
Yaba tukotela (emasilinda) ngadolulingandko emabhokisini.



Buka letifombe bese uphendula imbuto.



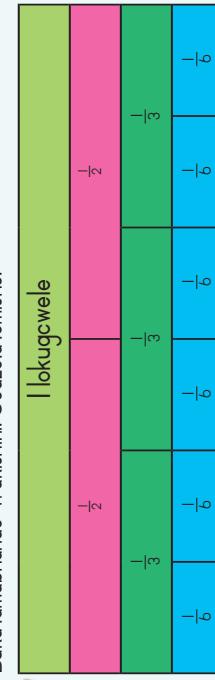
- | | | | |
|------------------------------------|--------------------------|------------------------------------|--------------------------|
| Ngubani $\frac{1}{3}$ wetindlinga? | <input type="checkbox"/> | Ngubani $\frac{1}{6}$ wetindlinga? | <input type="checkbox"/> |
| Ngubani $\frac{2}{3}$ wetindlinga? | <input type="checkbox"/> | Ngubani $\frac{2}{6}$ wetindlinga? | <input type="checkbox"/> |
| Ngubani $\frac{3}{3}$ wetindlinga? | <input type="checkbox"/> | Ngubani $\frac{3}{6}$ wetindlinga? | <input type="checkbox"/> |
| Ngubani $\frac{4}{6}$ wetindlinga? | <input type="checkbox"/> | Ngubani $\frac{5}{6}$ wetindlinga? | <input type="checkbox"/> |



- Khombiza ihhafu yinye yerula. Loku kwakha ____ cm.
- Khombisa kunye kwalokutsatfu kulerula. Loku kulingana na ____ cm
- Khombisa kunye kwalokutsitupha kulerula. Loku kulingana na ____ cm



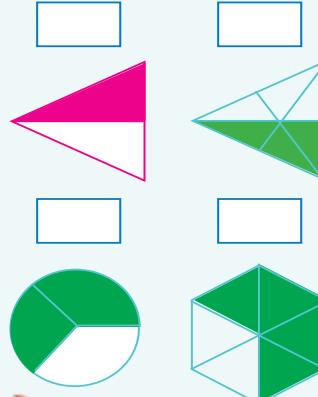
Buka lamabhande-frakishini. Cedzela temisho.



- Kunemahhafula ____ kulkugcwele.
- Kundoku ____ kwalokutsatfu kulkugcwele.
- Kundoku ____ kwalokutsitupha kulkugcwele.
- Kundoku ____ kwalokutsitupha ehafini.
- Kundoku ____ kwalokutsitupha kulkutsatfu.



Bhalaifrakishini yencenyе lefakwé umbala.



- Kiplitela ifrakishini lenkhulu.
- | | | | |
|------------------|--------------------------|---------------|--------------------------|
| a. $\frac{1}{2}$ | <input type="checkbox"/> | $\frac{1}{3}$ | <input type="checkbox"/> |
| b. $\frac{1}{2}$ | <input type="checkbox"/> | $\frac{1}{6}$ | <input type="checkbox"/> |
| c. $\frac{1}{2}$ | <input type="checkbox"/> | $\frac{2}{6}$ | <input type="checkbox"/> |

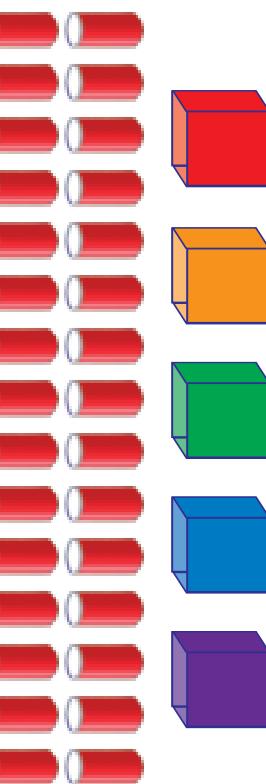


5q

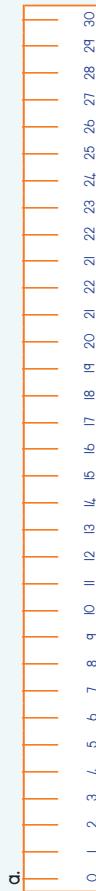
Emabokishini: boncenyeħħlanu

Yaba tiktela emabokisini.

Ithemu 2



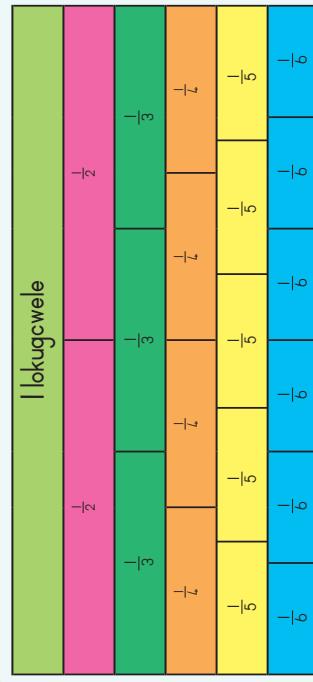
- Ku- $\frac{1}{3}$ emabokisi kunetikotela letingu
- Ku- $\frac{2}{5}$ emabokisi kunetikotela letingu
- Ku- $\frac{3}{5}$ emabokisi kunetikotela letingu
- Ku- $\frac{4}{5}$ emabokisi kunetikotela letingu
- Ku- $\frac{5}{5}$ emabokisi kunetikotela letingu



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



Buka lamabbandie frakishini bese upphendula imibuto.



Kipilitela lokukhulu noma lokuncane

- a. $\frac{1}{2}$ mukhulu / muncane kuna $\frac{1}{4}$.
- b. $\frac{1}{3}$ mukhulu / muncane kuna $\frac{1}{6}$.
- c. $\frac{1}{5}$ mukhulu / muncane kuna $\frac{1}{10}$.
- d. $\frac{1}{6}$ mukhulu / muncane kuna $\frac{1}{12}$.
- e. $\frac{3}{6}$ mukhulu / muncane kuna $\frac{2}{12}$.



Buka titifombe bese upphendula imibuto.

Mangħekki emashħokaledi ebokisini?

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



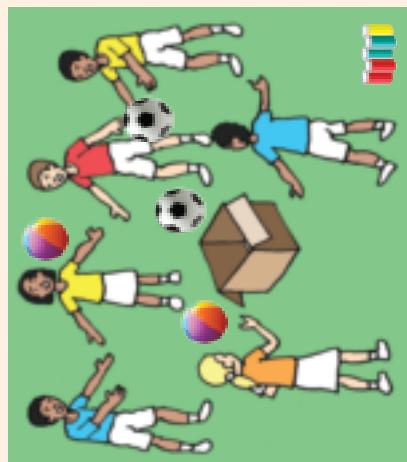
11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20

60

Itthemu 2

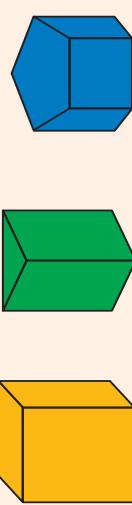
Tintfo letibusontsatu (i3D)

Bala emabbhokisi (emaprizimu).
 Bala emabbla (tiyingiliti).
 Bala emasilinda.

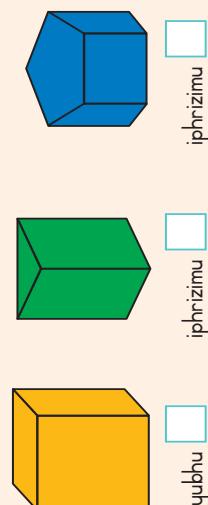


Loku konkhe ngemabhokisi.

Sebentisa Lokusikiwe lishadi 3 na 4 kwakha loku.



Yorke indzawo lesicabati kutsiwa buso. Namatsela mandzamanda munye ebusweni ngabunye kulamabhokisi. 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 lkulandzelako.

Sebentisa emagama kuchaza simondzawo sesilinda.

ngetulu



ngembli



ngaseluhlangtsini



Sebentisa emagama langentasi kucedzela lemisho



Intfombatana ibuke kweadkihiwo.

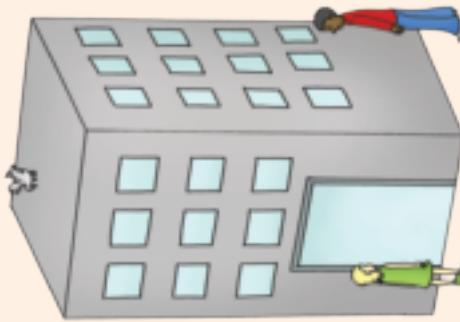
Indvodza ibuke kweadkihiwo.

Inyoni ibuke kweadkihiwo

eceleni ngembli

ngetulu

ngembli



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

135

61

Kuphindza nehhafu

Usakhumbla?

ku-2 ujihafu yg-4

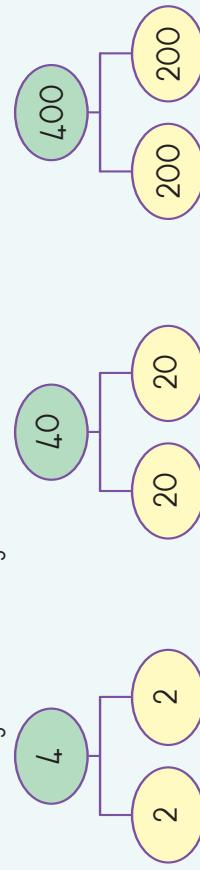
ema-20 ujihafu ye-40

ema-200 ujihafu ye-400

ema-400 kuphindwe ema-200

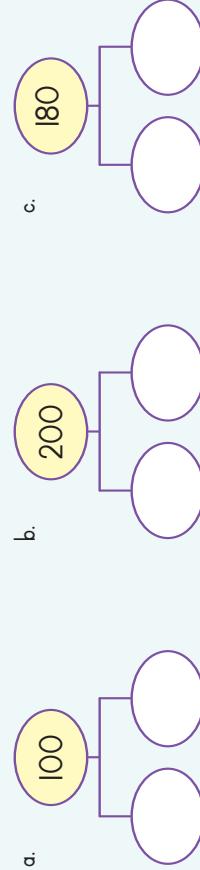
ema-4000 kuphindwe ema-2000

Khumbula! Singakukhombisa loku ngekudweba umdwewebo ...



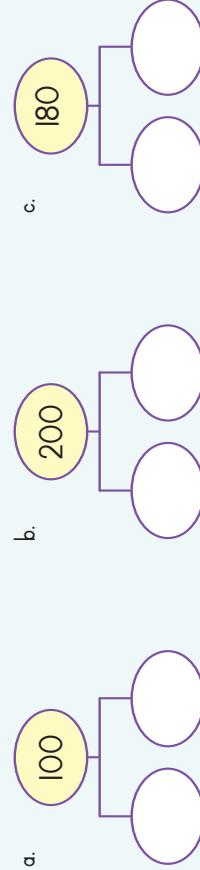
a.

100



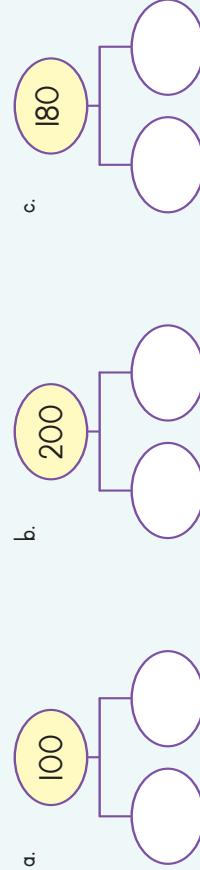
b.

200



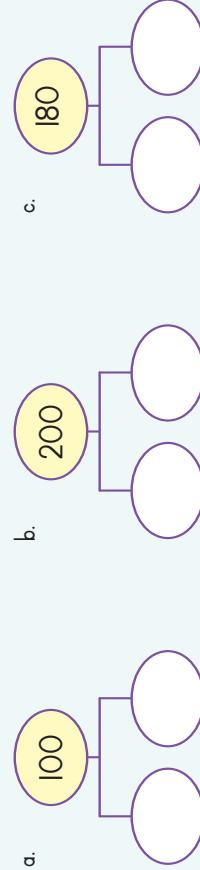
c.

180



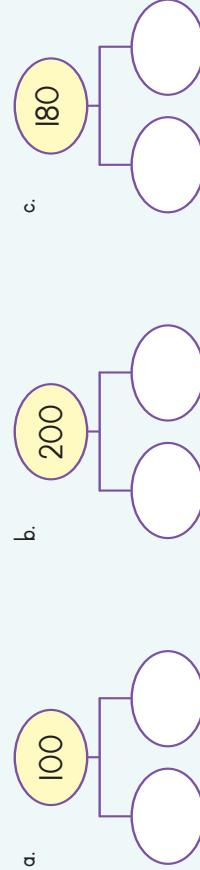
d.

370



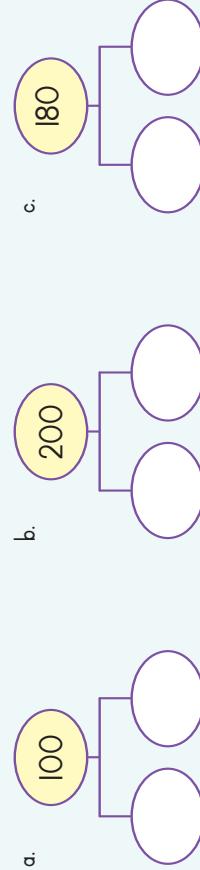
e.

150



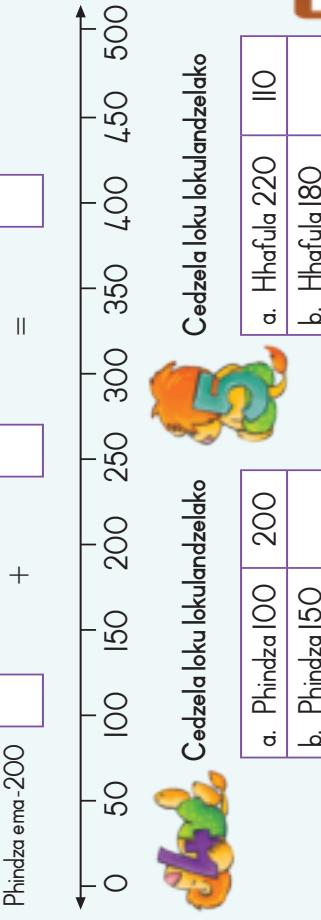
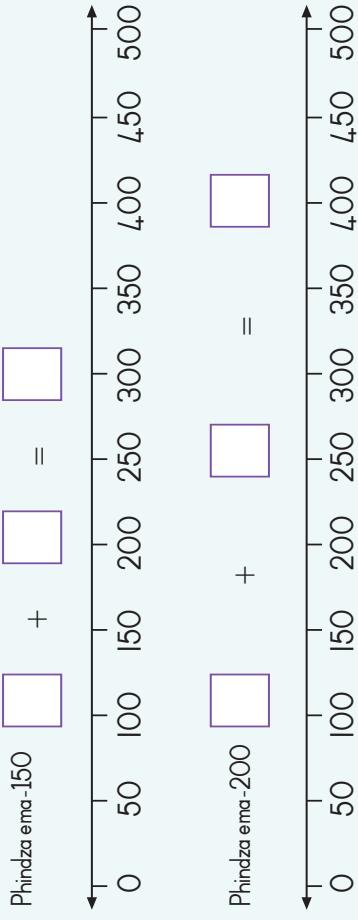
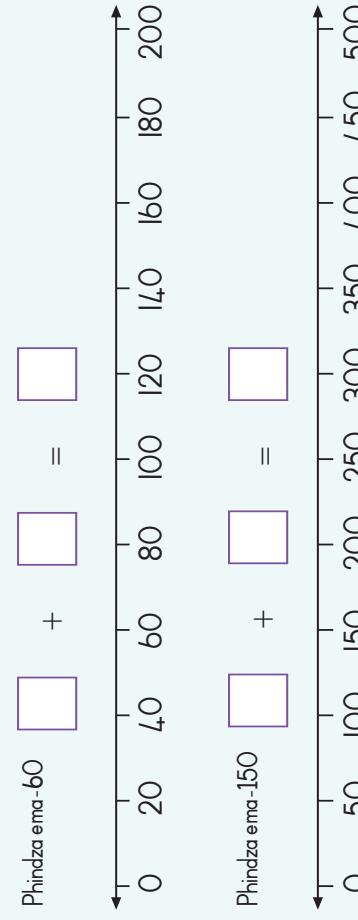
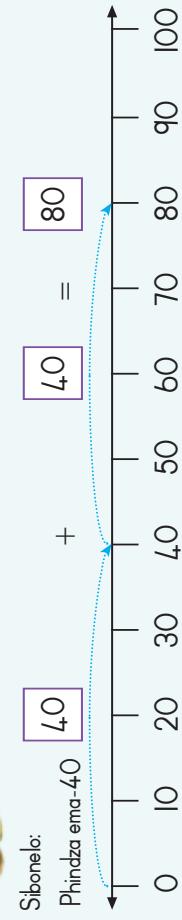
f.

200



Ithemu 2

Phindza letinombolo usebentisa umugca
nombolo. Sibonelo sekucala wentelwe.



Cedzela lokulandzelako

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



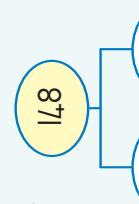
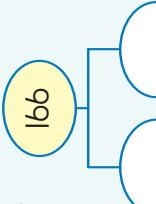
18 19 20

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 ngelivikilikutsengä libhajisikili.
Kumeli onge emaviki lamangakhi?

Emaviki

Indali R450
Intsengo lehhafu liwe:
beyingu R900 

Endalini
Tonkhe letintö titisengiswa ngelhafu yentsengo.
Bhalalentsengo eceleni kwentifio ngayimye.

- a.  Tingudo R190
Intsengo yekutsengisa ____
- b.  Emashidi R154
Intsengo yekutsengisa ____
- c.  Tumicamelo R54
Intsengo yekutsengisa ____

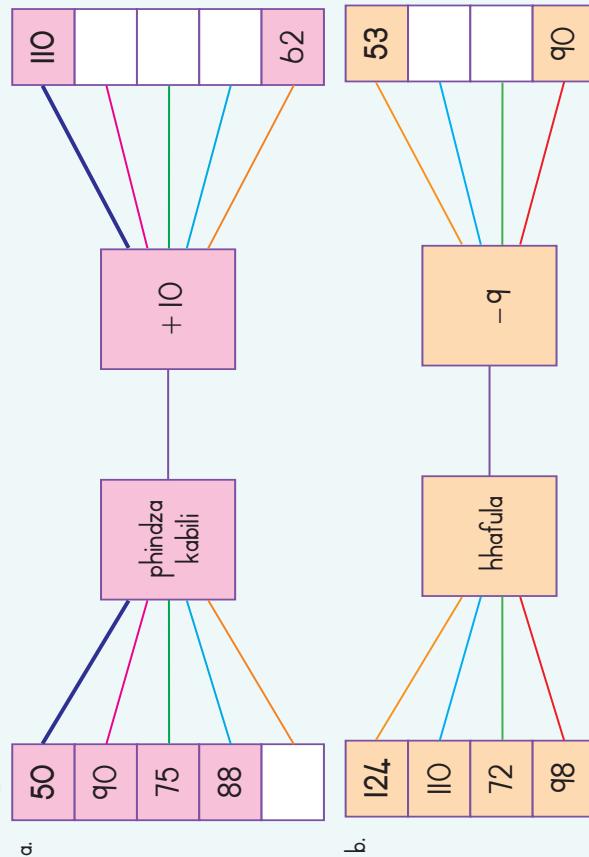
Mangakkii emarandi?

Musaufuna leihembe. Unehhafu kuphela yelinani.

R35	Usadzinga malini? R _____
R7850	Ticatfulo taPeter tibita lokuphindvwé kabili kwendulela.
R97	Liloko laPhindi liphindza kabili intsengo yafeli. Ngabe lilkwe laPhindi libita malini? R _____

Yini lengenako? Yini lephumako?

Lanzela lesibonelo. Gcwalisia tinombolo letingekho.



- a. 50 90 75 88
- b. 124 110 72 98

10

9

8

7

6

5

4

3

2

1

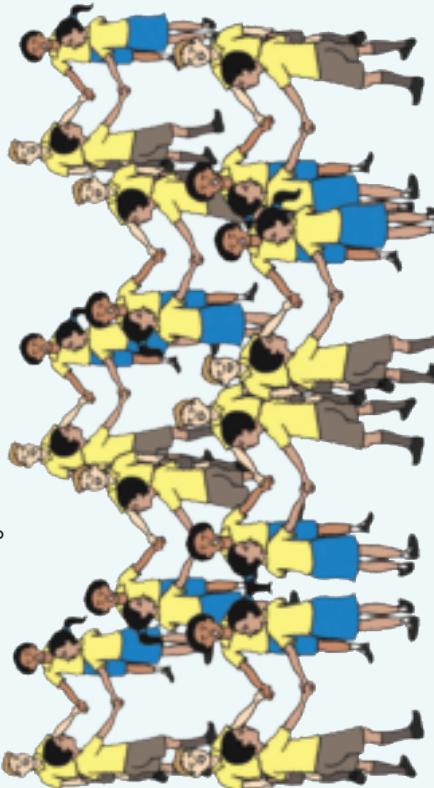
0

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Butsisa bese uyahlanganisa

Beka ndzawonye labantfiana

Nkhs Ndaba ufuna kwehlukanisa likilasi ngemacembu ebukhulu lobulingandako kutewudala ngaphondle. Kwekucala ubabekan ngemacembu aliba -4.

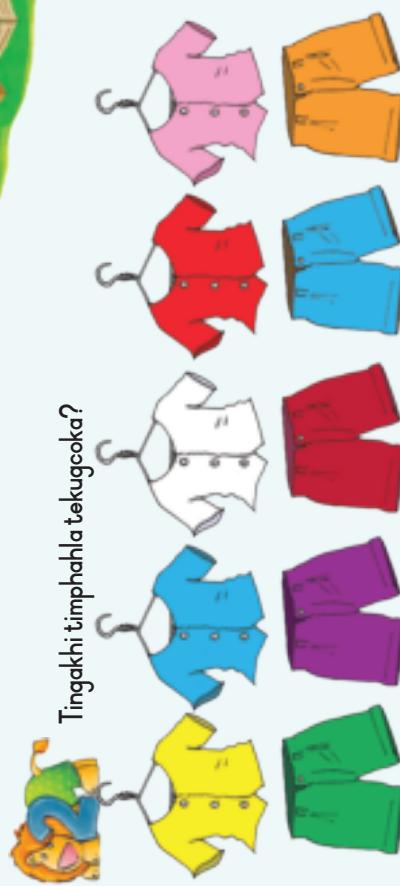


63

Ithemu 2

- Bangakhi labantfiana?
- Nkhs Ndaba wdkhe mangakhi emacembu?
- Tjengisa tonkhe letinye tindella tekukobabutsanisa ngemacembu lobulinganako.

Tingdkhi timphahla tekugcoka?



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

Sibonelo: Lihembe lellingangane/ emabhuulkwana lalingangane. Lihembe letingangane/
emabhuulkwana aliphoti.
Bhalaluhlavu lwekulcula lwembala ngamunye. Khombisa tonkhe timphahla letingaba khona.

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

Cagel: Yini letawenteke uma ngabe Phindi anemahembe kanje nemabhuulkwana lasi -6 emibala
letehlukene?
Angenta timphahla tekugcoka letingakhi?

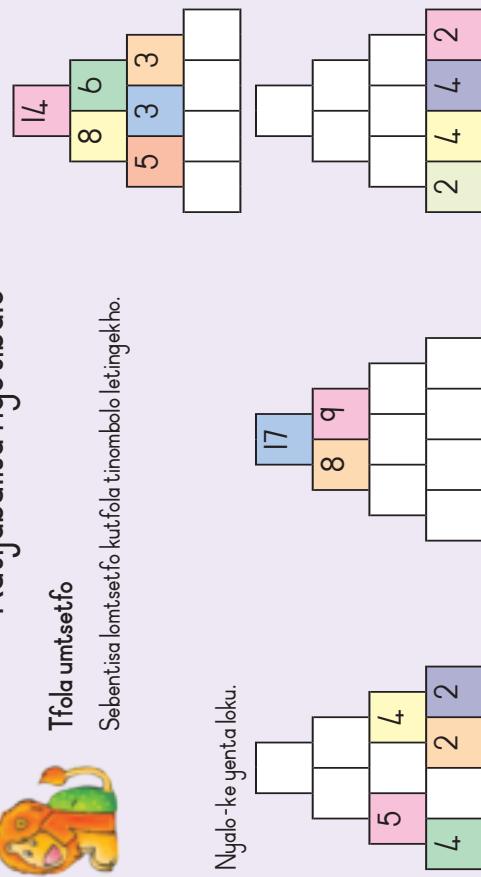
Buka. Catsanisa.
Lunjisa.

11 12 13 14 15 16 17 18 19 20

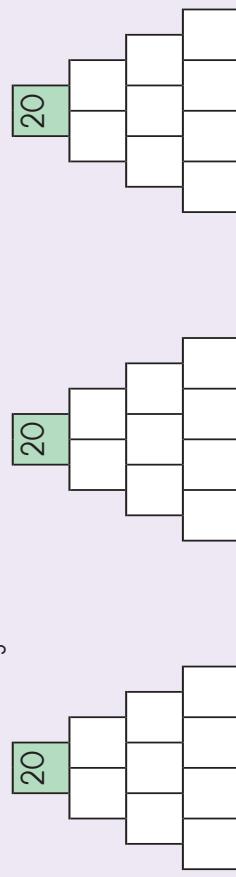
Kutijabulisa ngetibalo

Tfola umtsetfo

Sebentisa lomtsetfo kutifola tinombolo letingekho.



Yakha ufile kuma 20 ngötindella letintsatfu.



Sebentisa letinombolo 1, 2, 3, 4 na 5.

Letinombolo letintsatfu eluhlwini lunye kumele tente li-10 setitonke.

Umtsetfo: Sebentisa inombolo yinye kanye.

b4

Ithemu 2

Kutifola tinombolo



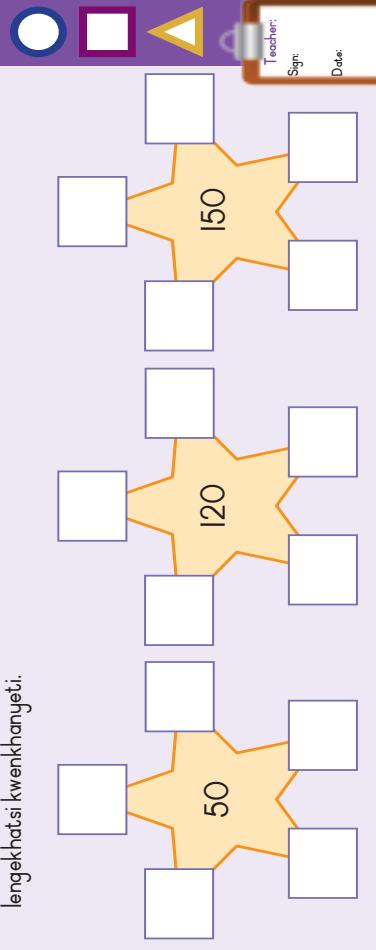
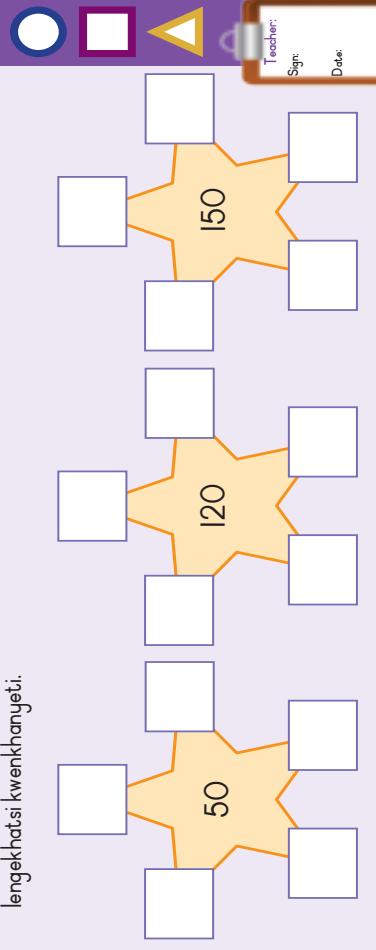
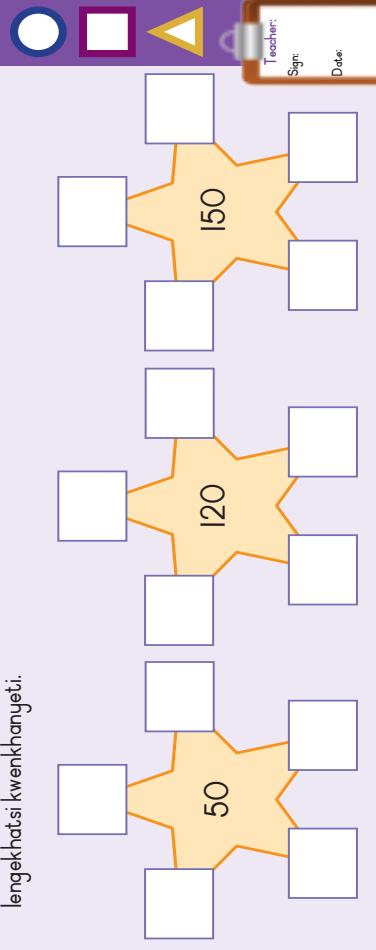
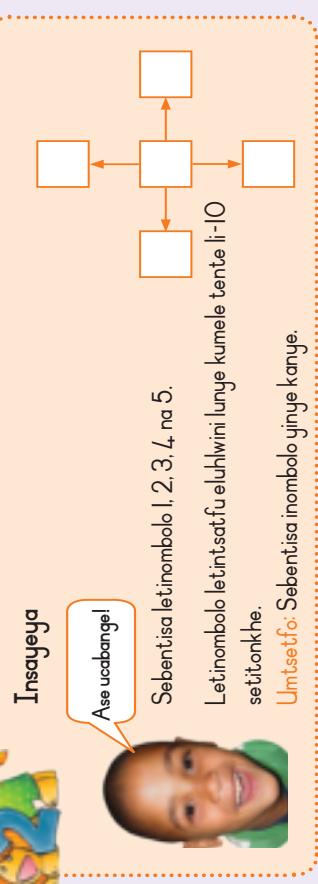
a. Umtsetfo: Tinombolo eluhleni ngalunye kumele tihlangana takhe li-16.

2	5	3	6
			2

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

23	28	21
12		
	3	8

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



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

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

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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

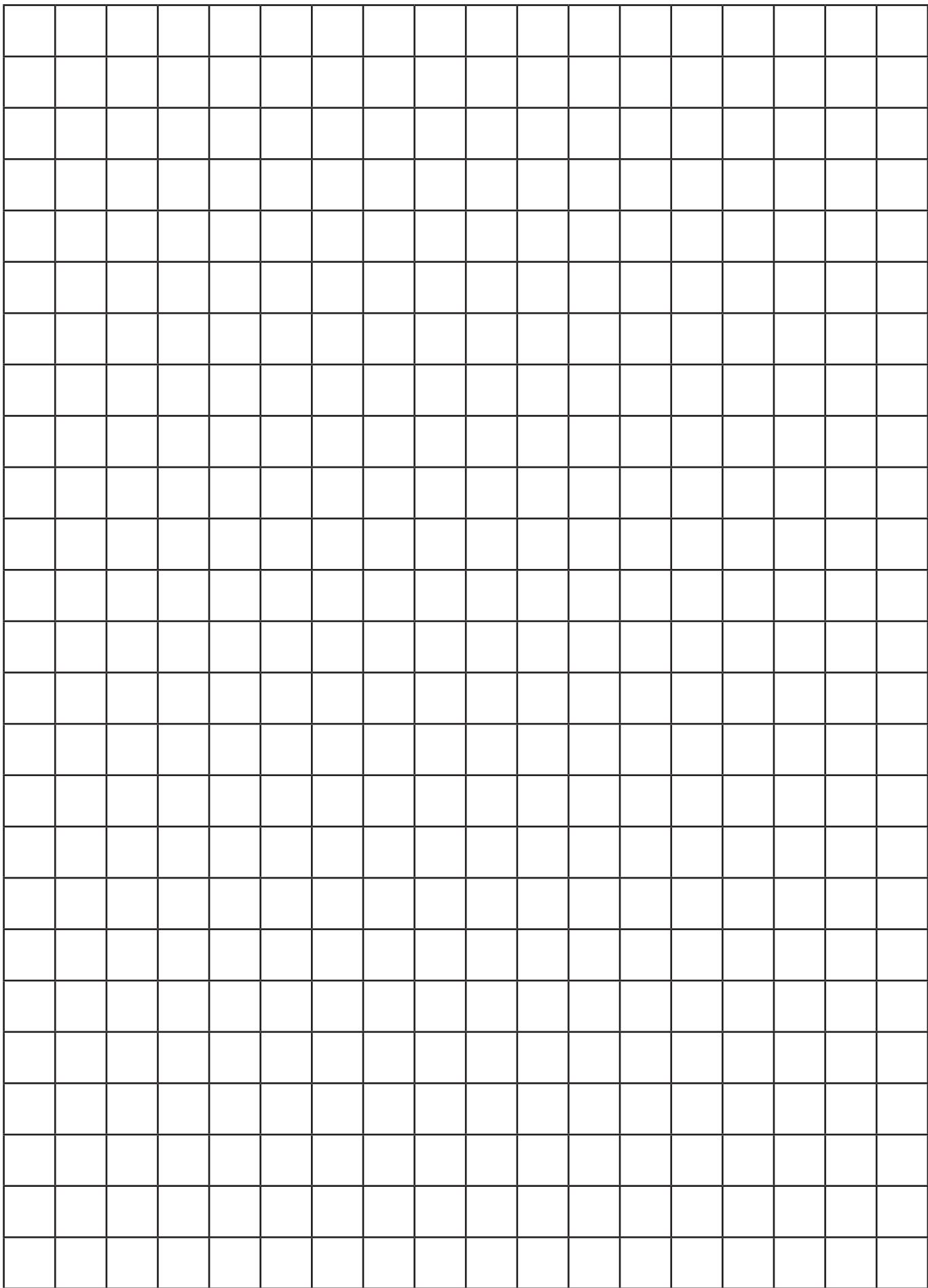
5 O O 5 O 5

6 O O 6 O 6

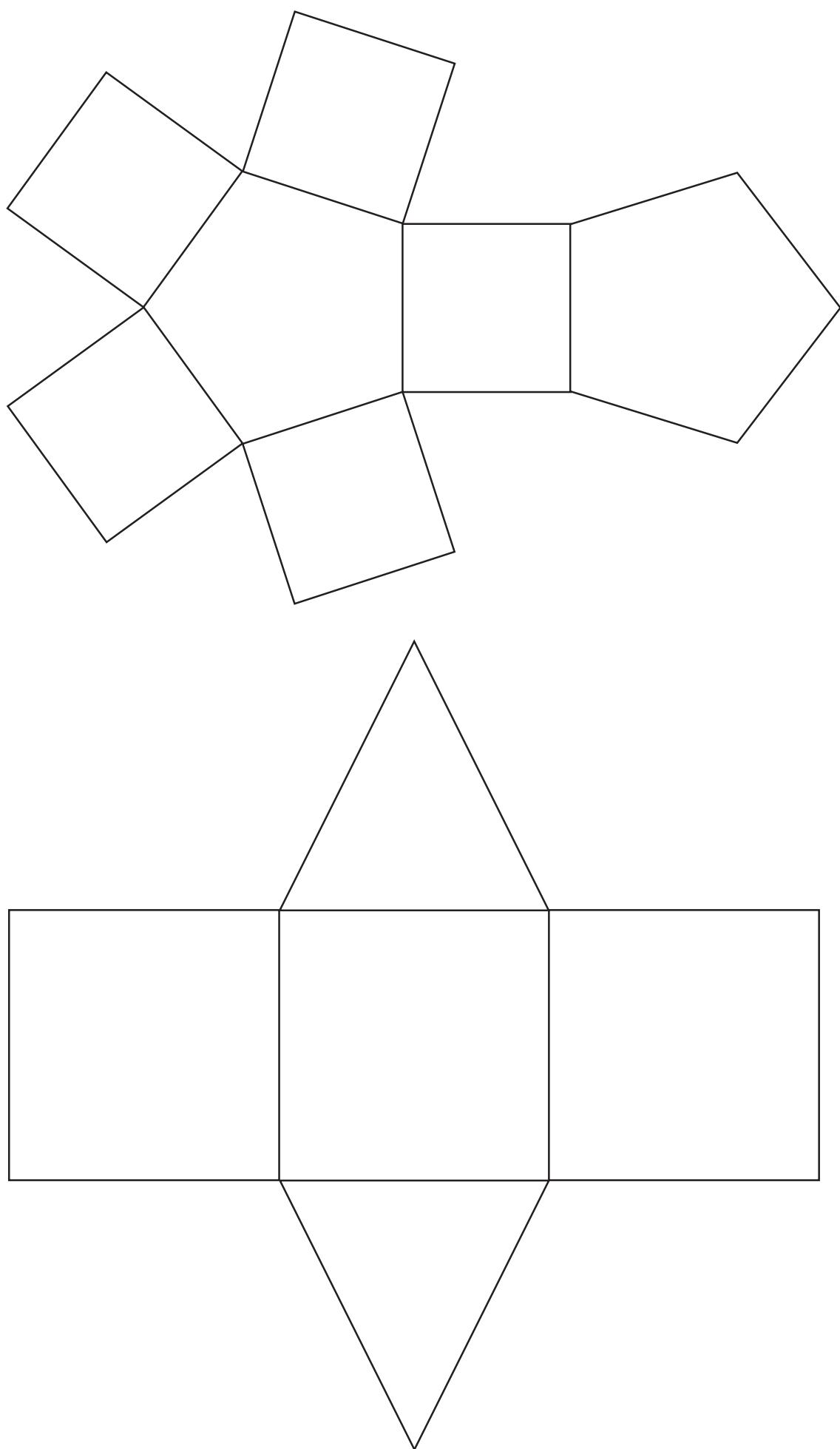
7 O O 7 O 7

8 O O 8 O 8

q O O q O q



Cut-out 3



Cut-out 4

