Kufundza ngeMtsetfo Sisekelo weNingizimu Afrika (1996)

UMtsetfo-sisekelo waseNingizimu Afrika (1996) ucuketse imitsetfo lesetulu yelive. Lemitsetfo ingetulu ngisho kwamengameli welive, tinkantolo kanye nahulumende.

Ichaza kutsi bantfu belive kumele baphatsane njani, nekutsi ayini emalungelo abo kanye nemitfwalo labanayo ngalabanye. UMtsetfo Sisekelo welive ukhonela kusivikela sonkhe nyalo kanye nebantfwabetfu ngakusasa.

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

Tsine, bantfu baseNingizimu Afrika;

Siyakubona kungabi khona kwebulungiswa esikhatsini lesengcile;

Setfulela sigcoko labo labahlukunyetwa kuze sitfole bulungiswa nenkhululeko eveni letfu;

Sihlonipha labo labasebentile kwakha nekutfutfukisa live letfu;

Siyakholwa futsi kutsi iNingizimu Afrika yabo bonkhe labahlala kuyo, sihlangene ngekwehlukahlukana kwetfu.

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

- Kupheliswe kwehlukana kwayitolo futsi kwakhiwe umphakatsi losekelwe yintsandvo yelinyenti, bulungiswa ekuphileni kanye nemalungelo-sisekelo ebuntfu;
- Kubekwe sisekelo semphakatsi wentsandvo yelinyenti, longenamfihlo lapho khona hulumende abekwe ngetifiso tebantfu futsi sonkhe sakhamuti ngalokulinganako sivikelwe ngumtsetfo;
- Kwentiwe ncono lizinga lemphilo yetakhamuti tonkhe futsi kukhululwe emakhono emuntfu ngamunye; futsi
- Kwakhiwe iNingizimu Afrika lehlangene futsi yentsandvo yelinyenti lekwati kutsatsa indzawo yayo leyiyifanele njengelive lelitibusako njengawo onkhe emave latibusako.

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

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

ISBN 978-1-4315-0012-3

Rainbow WORKBOOKS

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

THIS BOOK MAY NOT BE SOLD.

11th Edition

1 2 3 4

TIBALO NGESISWATI – Libanga 3 Incwadzi 1

ISBN 978-1-4315-0012-3

Kubuyeketiwe futsi kwahlelenjiswa ngekwema-CAPS

Libanga 3

Ligama:

Likilasi:

basic education
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

TIBALO NGESISWATI

Incwadzi 1
Emathemu 1 & 2

Lokucuketfwe

Inombolo	Sihloko	Likhasi
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 nekuhhafula	14
7	Emafrakishini	16
8	Kwehlukanisa imali	18
9	Emaphethini	20
10	Emabhola, emabhokisi nemibhoshongo	22
11	Dvweba, unikete ligama, bese ucatsanisa labobunjwa bebusobubili (i2D)	24
12	Kwendlula kwesikhatsi	26
13	Kukala libanga	28
14	Umtsamo	30
15	Sisebenta ngesisindvo	32
16	Kusebenta ngeminingwane	34
17	Catsanisa uphindze uhlelembise tinombolo	36
18	Emandla sikhundla kuya kuma-99	38
19	Kubeka emashumi ndzawonye uma sihlanganisa kufika kuma-99	40
20a	Hlanganisa kumugca-nombolo	42
20b	Hlanganisa kumugca-nombolo (siyachubeka)	44
21a	Susa kumugca-nombolo	46
21b	Susa kumugca-nombolo (siyachubeka)	48
22	Sikhatsi selidzili	50
23	Kubala ufike ku 200	52
24	Kutilolonga ngeti-5	54
25a	Bala ngaku-2	56
25b	Bala ngaku-2 (siyachubeka)	58
26	Imali endvulo nanyalo	60
27	Bala ngaku-3	62
28	Yini lehamba ngaku-4?	64
29	Emaphethini ngetinombolo	66
30a	Kwaba	68
30b	Kwaba (siyachubeka)	70
31	Emafrakishini	72
32	Sesikhatsi	74

Inombolo	Sihloko	Likhasi
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 ngemasentimitha	94
41	Umgomo 300	96
42	Kuhlanganisa nekususa ngabo100	98
43	Umgomo 400	100
44	Kukala	102
45	Umgomo 500	104
46	Kuhlanganisa nekususa	106
47	Lolonga lwati lwakho	108
48	Umugca-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
54	Kusebenta ngesikhatsi	122
55	Bala ngaku-3 nangaku-4	124
56	Sita bantfwana	126
57	Emafrakishini: bohhafu nemakota	128
58	Emafrakishini: bohhafu, boncenyentsatfu naboncenyesitfupha	130
59	Emafrakishini: boncenyehlanu	132
60	Tintfo letibusontsatfu (i3D)	134
61	Kuphindza nehhafu	136
62	Kuphindza kabili nehhafu kuyengetwa	138
63	Butsisa bese uyahlanganisa	140
64	Kutijabulisa ngetibalo	142
	Lokusikiwe 1	
	Lokusikiwe 2	

Nkhskt. Angie Motshekga,
iNdvuna yeMfundvo Sisekelo

Dkt Reginah Mhaule, Liphini
leNdvuna yeMfundvo Sisekelo

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

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

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

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

Sifisela bothishela nebafundzi imphumelelo basachubeka nekusebentisa letincwadzi tekusebentela.

Published by the Department of Basic Education
222 Struben Street
Pretoria
South Africa

© Department of Basic Education

Eleventh edition 2021

ISBN 978-1-4315-0012-3

This book may not be sold.

The Department of Basic Education has made every effort to trace copyright holders but if any have been inadvertently overlooked the Department will be pleased to make the necessary arrangements at the first opportunity.

Libanga 3

Rainbow WORKBOOKS

Tibalo

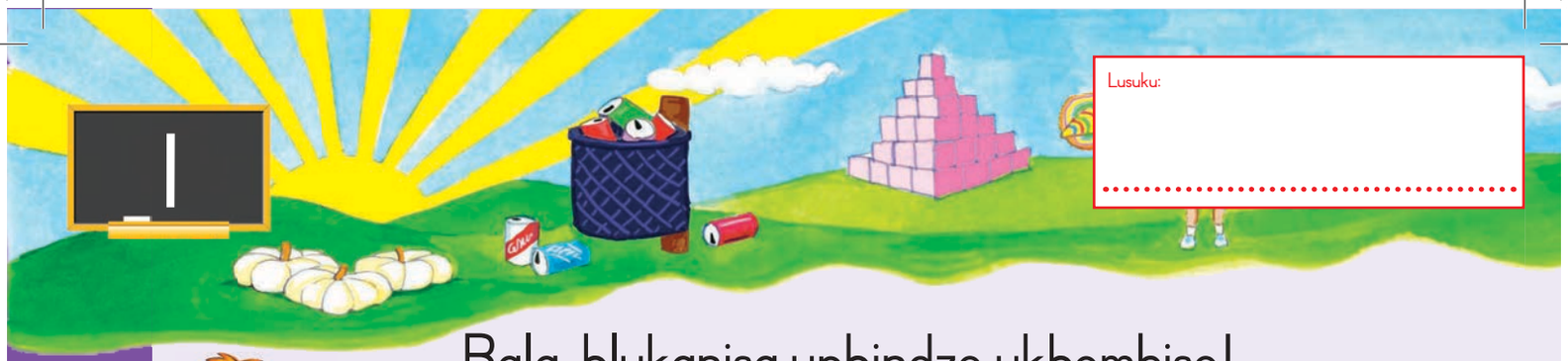
NGESISWATI

Lencwadzi ya:

_____

SISWATI

Incwadzi 1



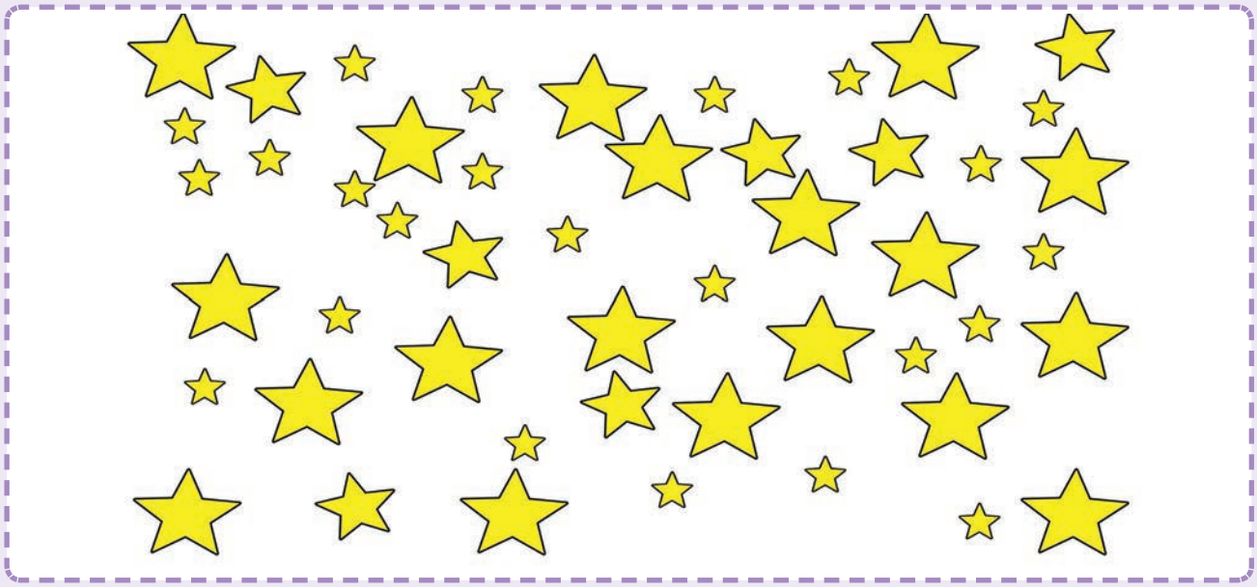
Lusuku:

Ithemu I

Bala, hlukanisa uphindze ukhombise!

Tingakhi tinkhanyeti?

Catsanisa timphendvulo.



Linganisa kutsi tingakhi tinkhanyeti. _____

Nyalo tibale. _____

Tfola lophumelele!

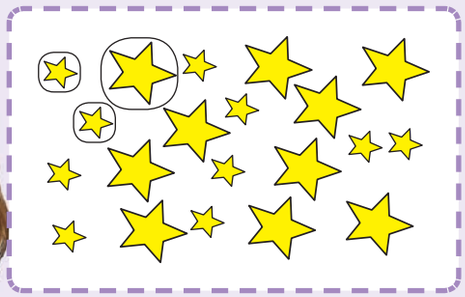
Ngubani lolinganise kancono? Gcwalisani emagama enu netimphendvulo kulelithebula.

Ligama				
Linganisa				
Inombolo lebaliwe				
Umehluko emkhatsini wekubekisa kwakho nekubala kwakho				

SIS NUM G3 B1 9781431500123.indb 2 2014/05/05 3:39 PM

Tindlela tekubala. Sisite kutibhala phansi.

Ngibale ngaku-1 ngaku-1.



1, 2, 3, _____

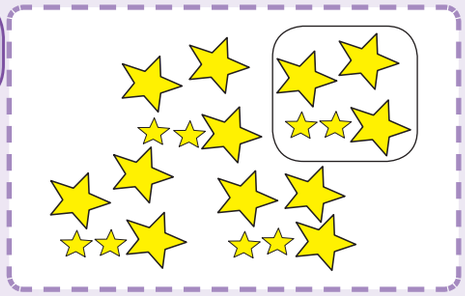
_____

2, _____

_____

Ngibale ngaku-2.

Ngibale ngeti-5 ngase



5, _____

_____

_____

_____

Ngibala ngema-10.

Bhala imishotinombolo

Uma uhlanganisa nobe ngutiphi tinombolo letimbili akukhatsaleki kutsi tihleleke njani.

Bala samba selinani letinkhanyeti letinkhulu naletincane esitfombeni ekhasini 2.

Kukhulu Kuncane ngalendlela *nobe* ngalendlela

futsi njengemushonombolo.

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

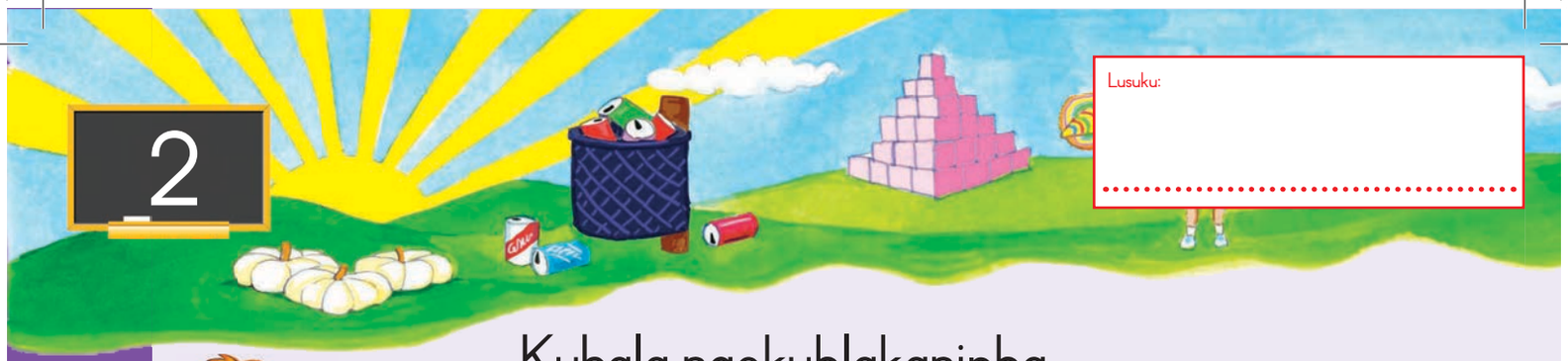
Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 3 2014/05/05 3:39 PM



2

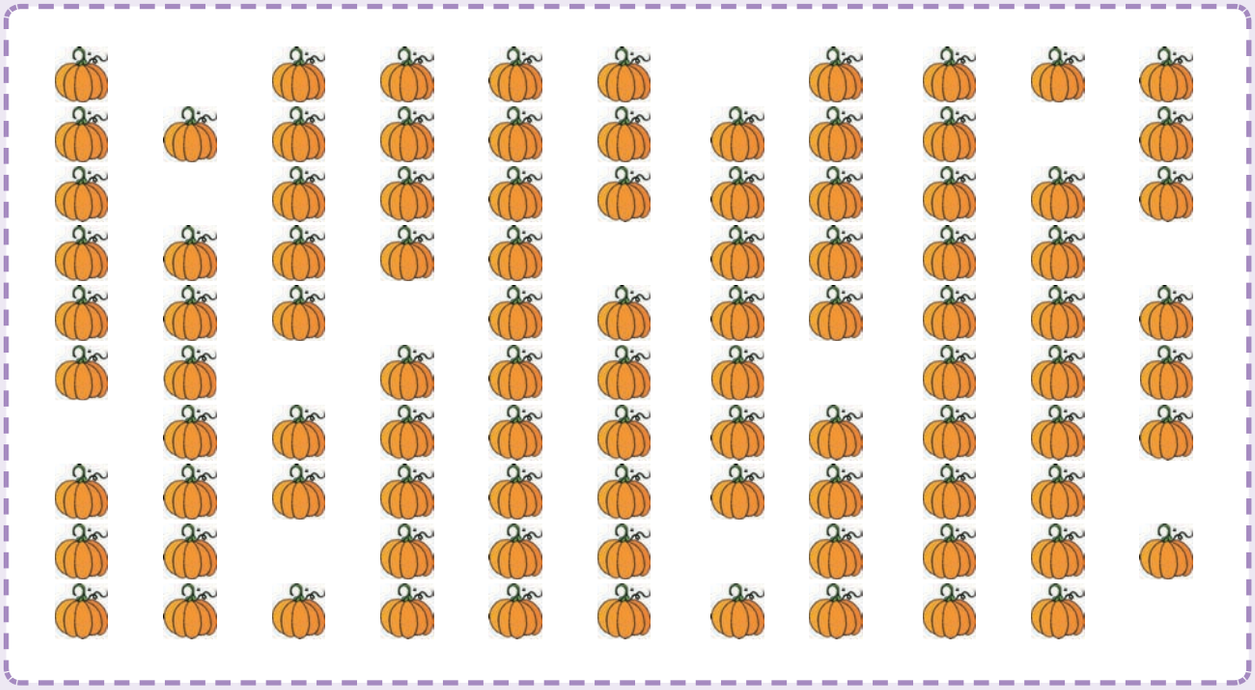
Lusuku:

Ithemu I

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? _____

1 2 3 4 5 6 7 8 9 10

SIS NUM G3 B1 9781431500123.indb 4 2014/05/05 3:39 PM

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

Cedzela lemishonombolo.

Sibonelo:

10 + 10 + 10 + 10 = 40 ⟹ 4 emacembu ema-10 = 40 ⟹ 4 × 10 = 40

a. 10 + 10 + 10 = _____

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

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

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

4 Tandla neminwe

Tingakhi tandla? _____ Mingakhi iminwe? _____

Bhala imphendvulo yakho ngetindlela leti-2.

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 5 2014/05/05 3:39 PM

3a

Lusuku: .....

Tinombolo ebhodini lelikhulu

Kukhuluma tinombolo

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

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

a. Bhala inombolo lengekho esibayeni lesilingangane ngasinye.

b. Bhala naleletinye tinombolo.

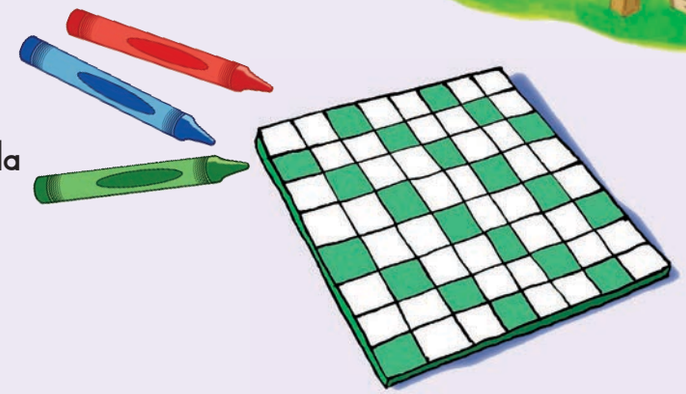
c. Luhlobo luni lwetinombolo letinombolo letimtfubi?

Bhala letinombolo ngemagama.

90	emashumi layimfica	41	
77		56	
14		65	

SIS NUM G3 B1 9781431500123.indb 6 2014/05/05 3:39 PM

Kubala nekufaka umbala



Lungela kubala nekufaka umbala!

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

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

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

Bala 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

SIS NUM G3 B1 9781431500123.indb 7 2014/05/05 3:39 PM

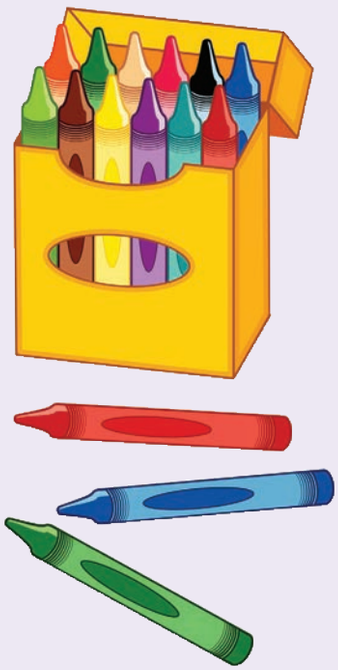
3b

Lusuku: .....

Tinombolo kugridi (siyachubeka)

Buka emaphethini

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



Faka luphawu (✓) kuwo onkhe ema-10.	Faka siphambano (✗) kuto tonkhe ti-5	Kipilitela (O) bonkhe bo-2

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

_____

_____

_____

_____

SIS NUM G3 B1 9781431500123.indb 8 2014/05/05 3:39 PM

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

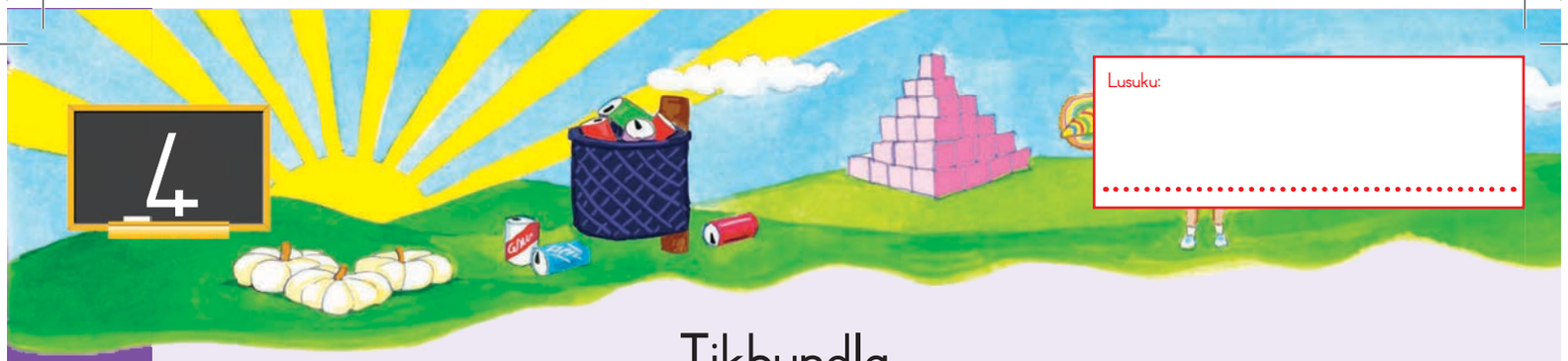
0; 3; _____; 9; _____; 15; 18; _____; 24; _____; _____; 33; _____; 39;

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 9 2014/05/05 3:39 PM



Lusuku:

4

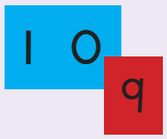
Ithemu I

Tikhundla

Khombisa tinombolo takho.

Ngcovota lamakhadi etinombolo kusuka lokujutjiwe I.
Sebentisa lamakhadi kwakha letinombolo.

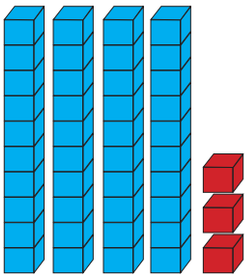
19 43 69 54 35

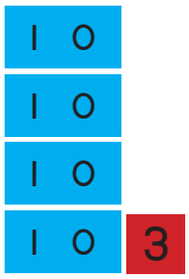


19

10 + 9 = 19

43





40 + 3 = 43

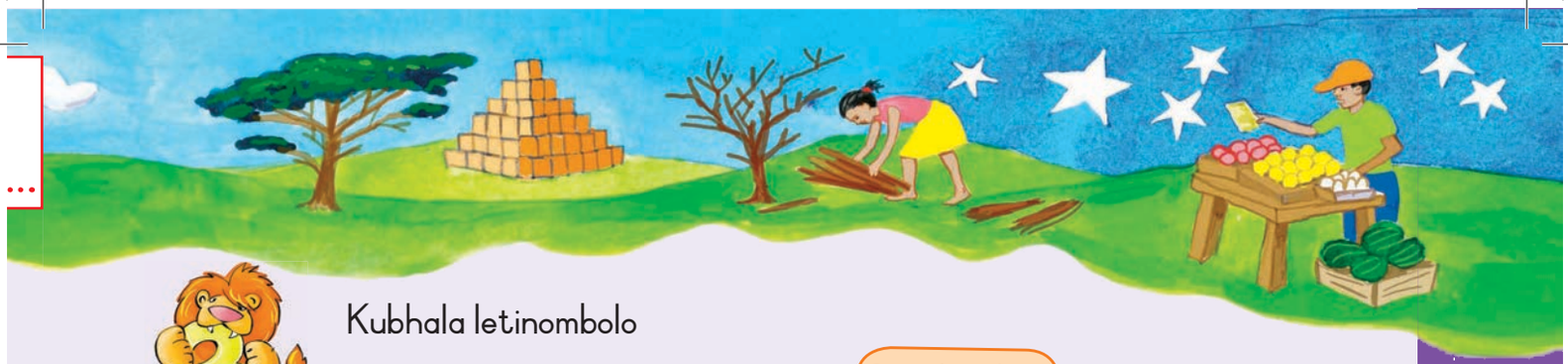
Ase utentele letinombolo usebentise lokujutjiwe I.

54

35

69

SIS NUM G3 B1 9781431500123.indb 10 2014/05/05 3:39 PM



Kubhala letinombolo

Sikwentele yekucala

Singasho nekutsi 9 wabo 1.

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

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

_____; _____; _____; _____; _____

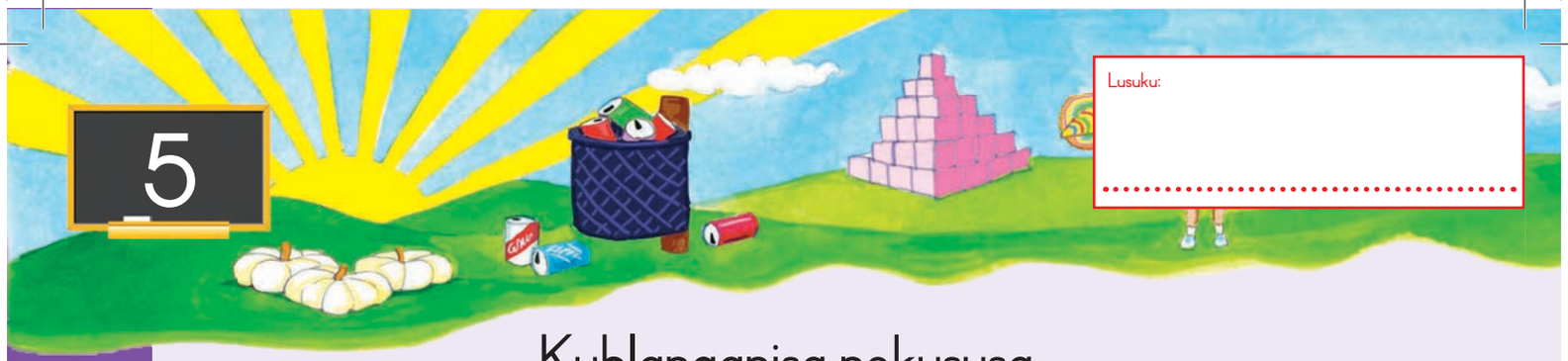
Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 11 2014/05/05 3:39 PM



5

Lusuku:

Ithemu I

Kuhlanganisa nekususa

Indzawo yekutsengisa yaLebo

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

a. Mangakhi emaphakethe latsengiswe nguLebo? ____

b. Bhala imphendvulo yakho njengemushonombolo.

_____ – _____ = _____

Bhala leminye imishonombolo lesihlanu kukhombisa imphendvulo lefanako.
15 – 9 = 6 _____ _____ _____ _____ _____

Kutejwayeta kubala tinombolo

Bhala timphendvulo.

Sebentisa ...
+ – =

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

Imindeni yetinombolo

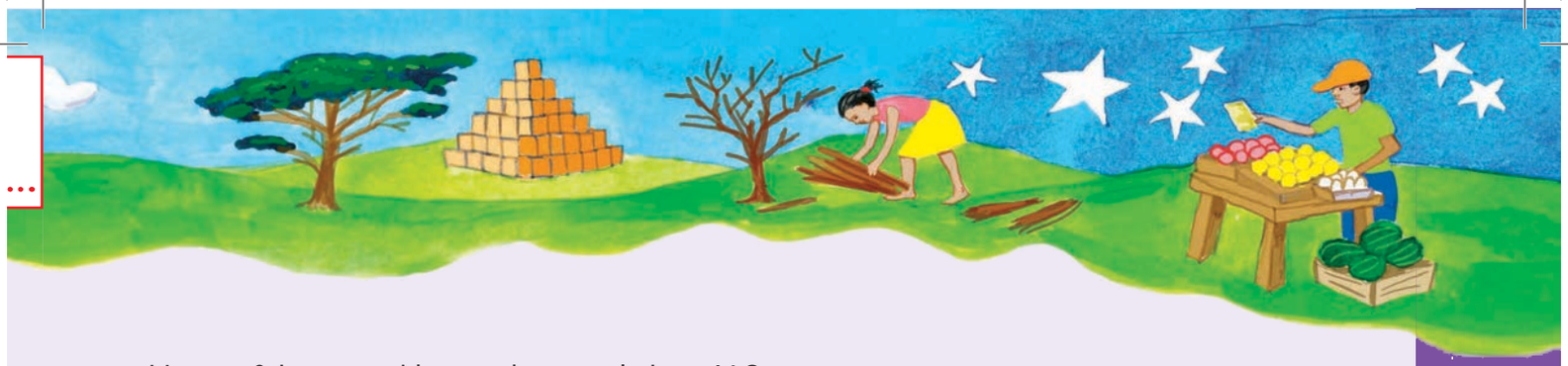
5 | 9 | 14

Nati tibonelo talomndeni-nombolo.

9 + 5 = 14	5 + 9 = 14
14 – 9 = 5	14 – 5 = 9

1 2 3 4 5 6 7 8 9 10

SIS NUM G3 B1 9781431500123.indb 12 2014/05/05 3:39 PM



Ungayitfola yini yonkhe imindeni-nombolo ya 14?

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

Ngitawenta njalo nange-12

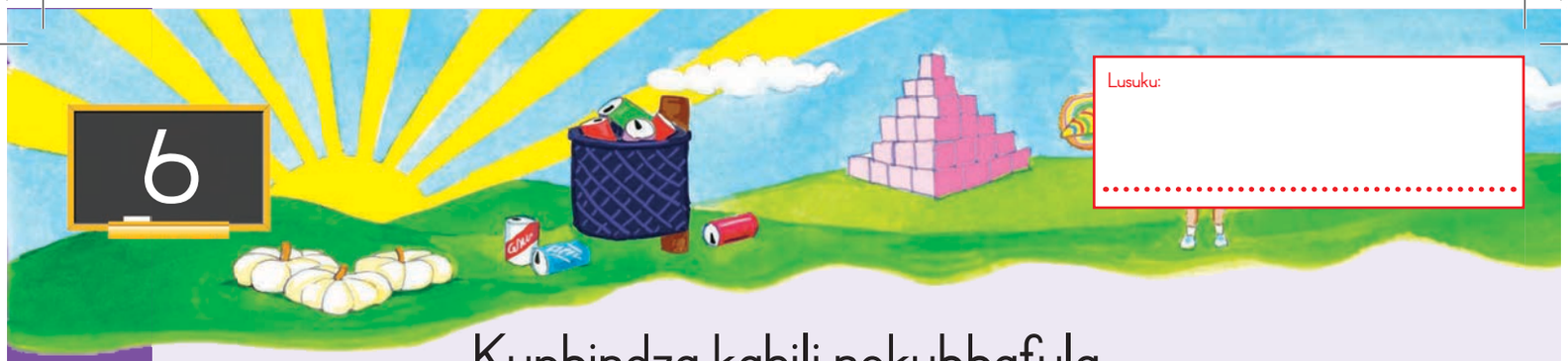
12

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 13 2014/05/05 3:39 PM



6

Lusuku:

Ithemu I

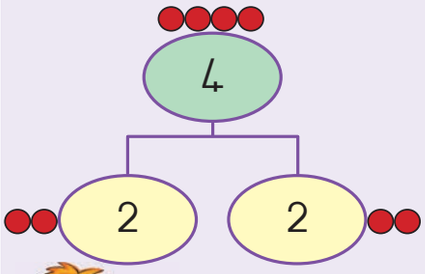
Kuphindza kabili nekuhhafula

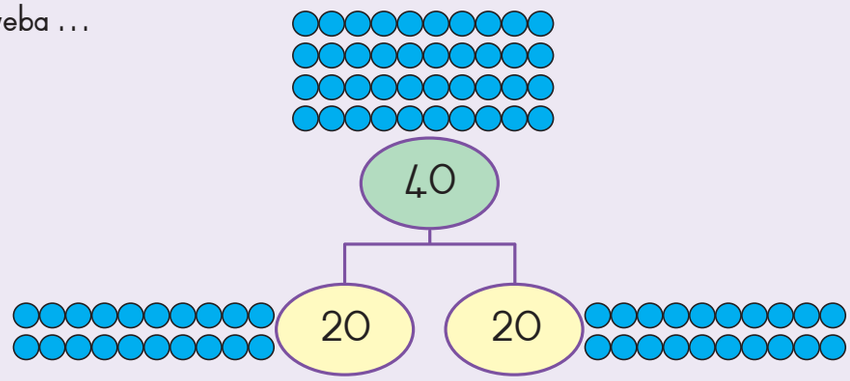
Uyakhumbula?

2 yihhafu ya-4
4 kuphindza kabili ku-2

20 yihhafu ye-40
40 kuphindza kabili ema-20

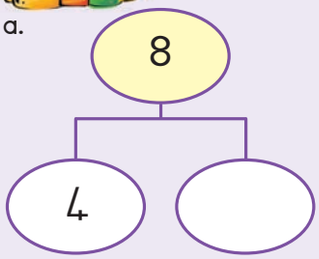
Singakukhombisa loku ngekudvweba ...



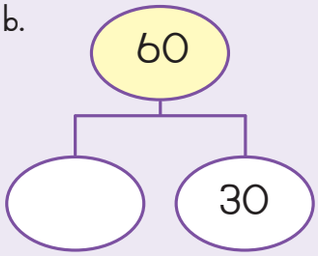


Tfola letiphindvwe kabili nobe emahhafu

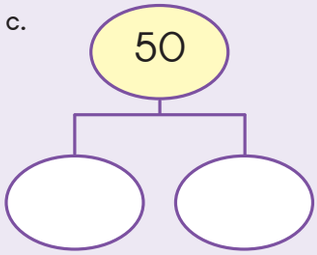
a.



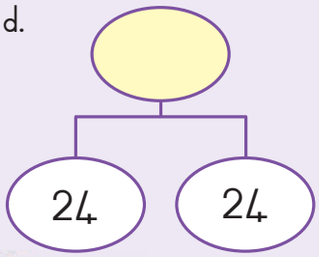
b.



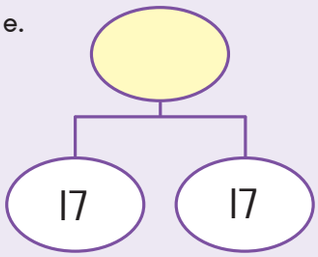
c.



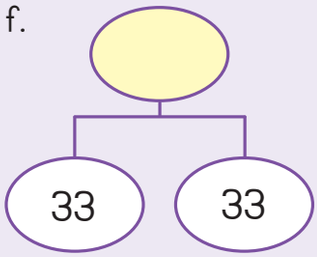
d.



e.



f.



Insayeya

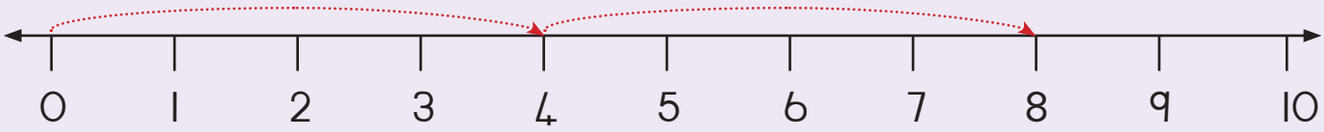
Tfola ihhafu ya 3.

Khombisa njengenombolo noma ligama-nombolo.
Umdvwebo ungahle ukusite.

SIS NUM G3 B1 9781431500123.indb 14 2014/05/05 3:39 PM

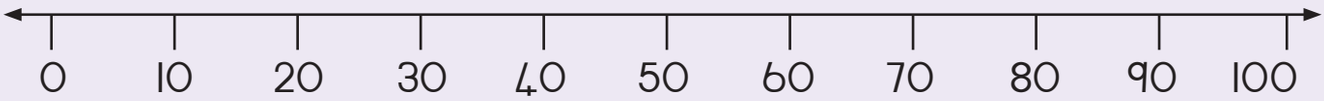
Phindza letinombolo usebentisa imigcanombolo.
Uniketiwe sibonelo sekucala.

Phindza 4 [4] + [4] = [8]

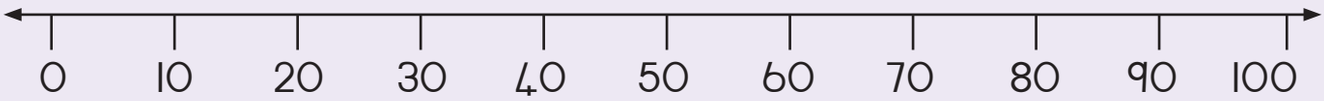


Phindza 5 [ ] + [ ] = [ ]

Phindza 20 [ ] + [ ] = [ ]



Phindza 40 [ ] + [ ] = [ ]



Cedzela loku lokulandzelako

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

Cedzela loku lokulandzelako

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 15 2014/05/05 3:39 PM

7

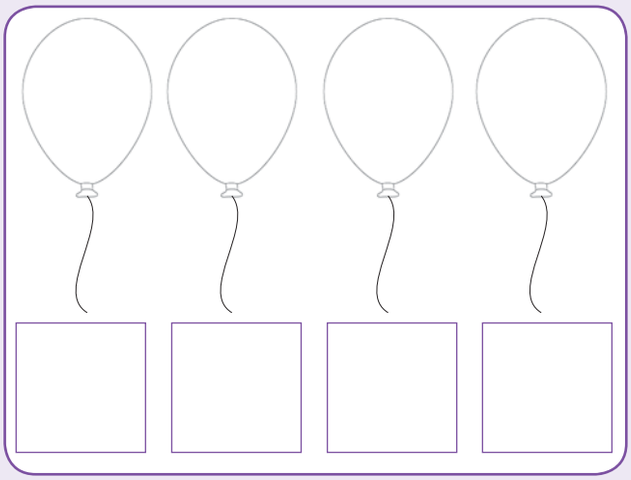
Lusuku:

Ithemu I

Emafrakishini

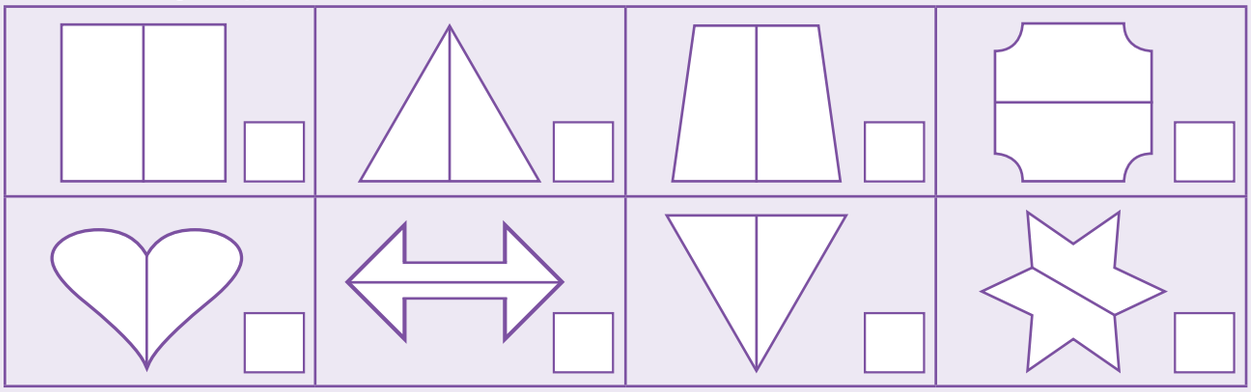
Faka umbala lobovu ekoteni yinye yemabhaluni, kulawa lamanye ufake lolingangane.

Faka umbala lobovu ehhafini yelibhoksi ngalinye.



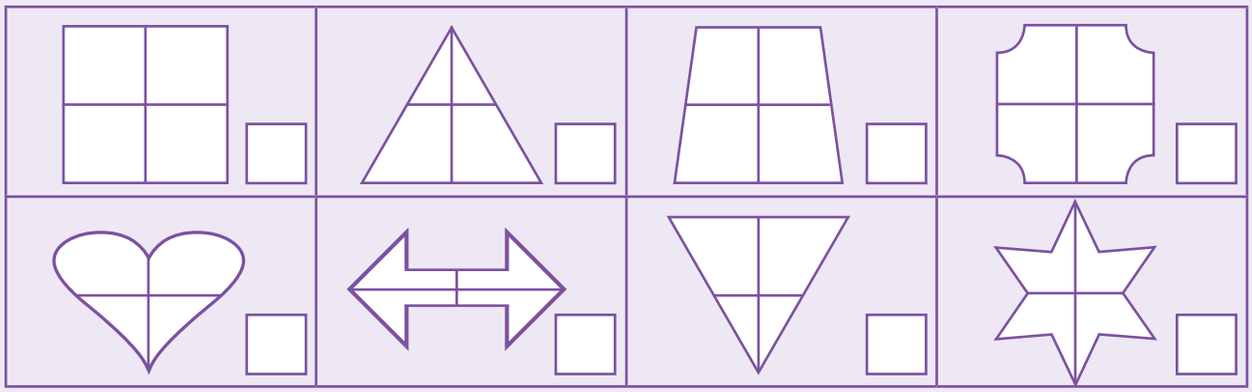
Bukisisa bobunjwa. Faka luphawu bobunjwa labakhomba bohhafu.

Faka umbala ehhafini yinye yabunjwa lohlukaniswe ngabohhafu.



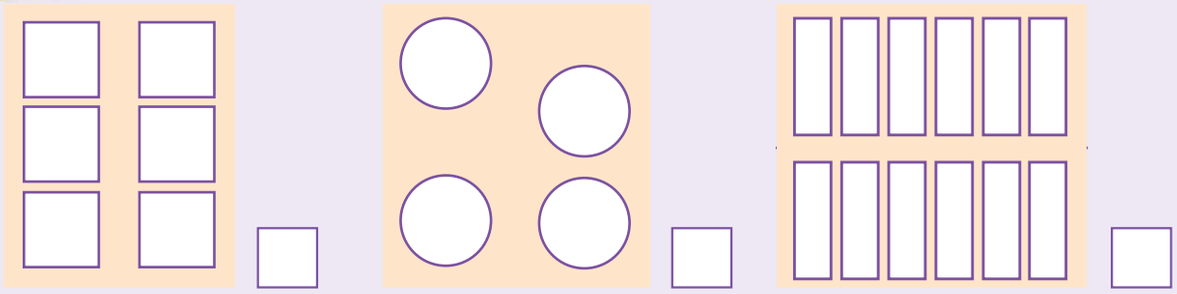
Bukisisa labobunjwa. Faka luphawu bobunjwa labakhomba emakota.

Faka umbala ekoteni yinye kuloyo naloyo bunjwa lohlukaniswe ngemakota.

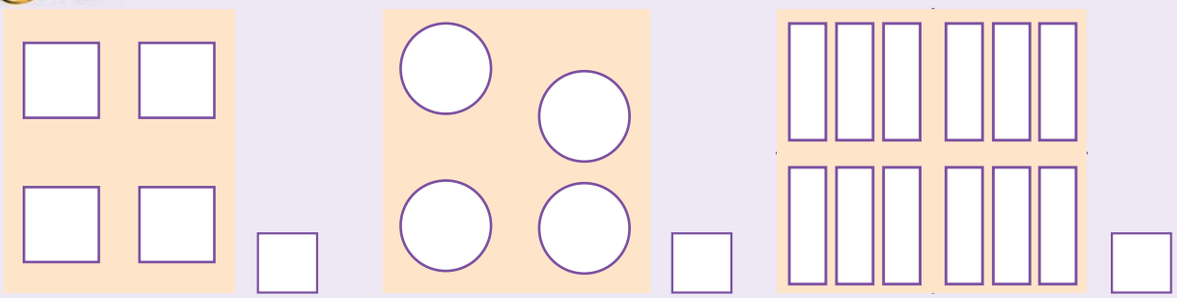


SIS NUM G3 B1 9781431500123.indb 16 2014/05/05 3:39 PM

Faka umbala ehhafini yalabobunjwa. Ngubani ihhafu yenombolo yalabobunjwa?

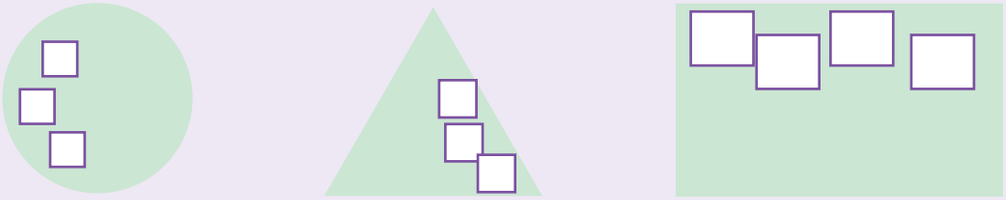


Faka umbala ekoteni yalabobunjwa. Ngubani ikota yenombolo yalabobunjwa?

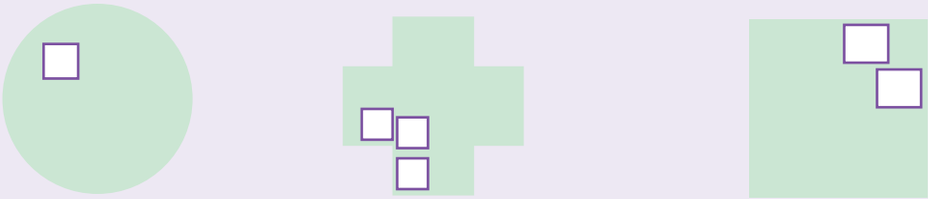


Bhala usebentisa inkhomba yefrakishini. Ihhafu ☐ Ikota ☐

Dvweba labanye bobunjwa kwenta labohhafu balingane.

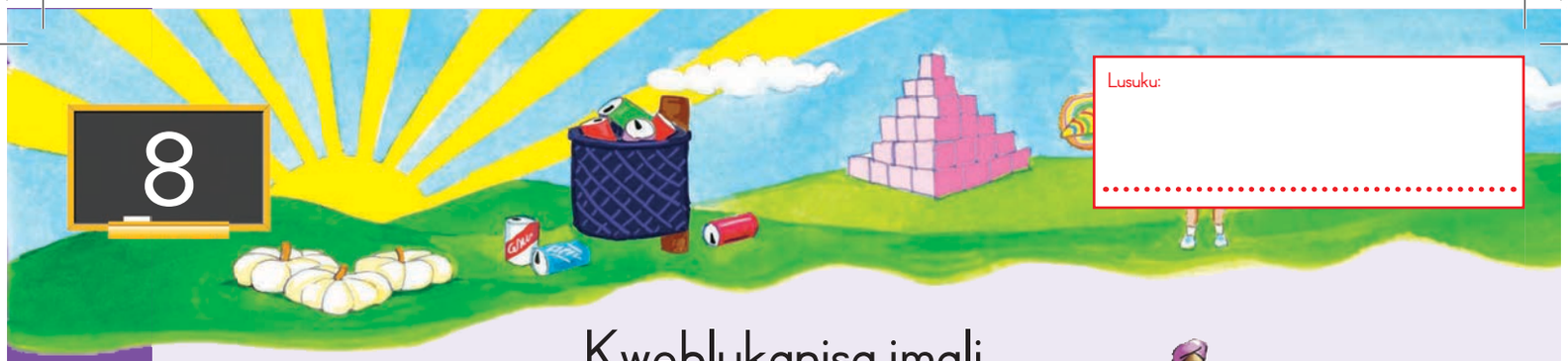


Dvweba labanye bobunjwa kwenta lamakota alingane.



11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 17 2014/05/05 3:39 PM



8

Lusuku:

Ithemu I

Kwehlukanisa imali

Esitokifeleni

Make LaLubisi ubala futsi ehlukanise imali ecenjini.

Linganisa linani leliphelele.	R_____
Bala imali.	R_____

Catsanisa tilinganiso nemathothali.

Konga imali

Gugu wongela emapheya eticatfulo letibita R89.

Kwanyalo unehhafu yalelinani.

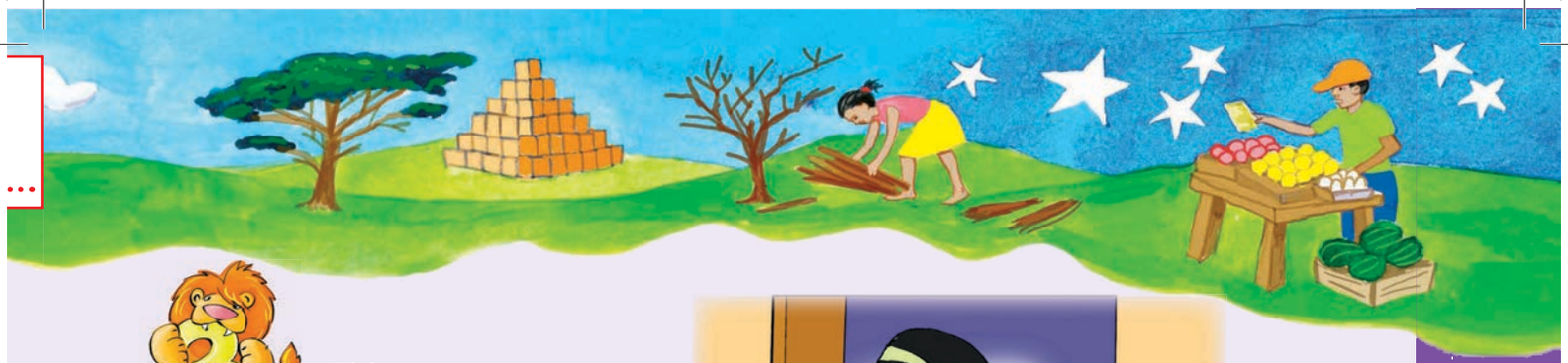
Weswela malini ngetulu?

Bhala umushonombolo kukhombisa imphendvulo yakho.

_____ _____ _____

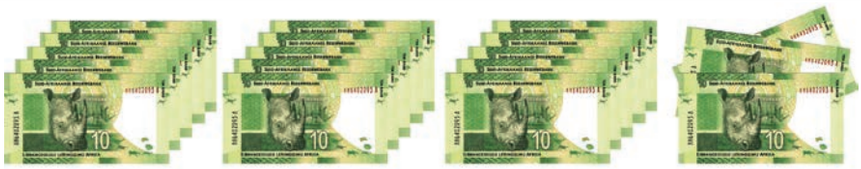
1 2 3 4 5 6 7 8 9 10

SIS NUM G3 B1 9781431500123.indb 18 2014/05/05 3:39 PM



3 Ebhange

Maria upakisha imali yemaphepha ngetincumbi teti-5.
Unemali yemaphepha lesele.
Bhala emathothali esitfombe ngasinye.

	Linani
	R_____
	R_____
	R_____

4 Insayeya

Kuvakasha eZu

Bantfu labadzala nebantfwana baya eZu.

Batsenga emathikithi ngema-R90.

Bangakhi bantfwana? _____

Bangakhi labadzala? _____

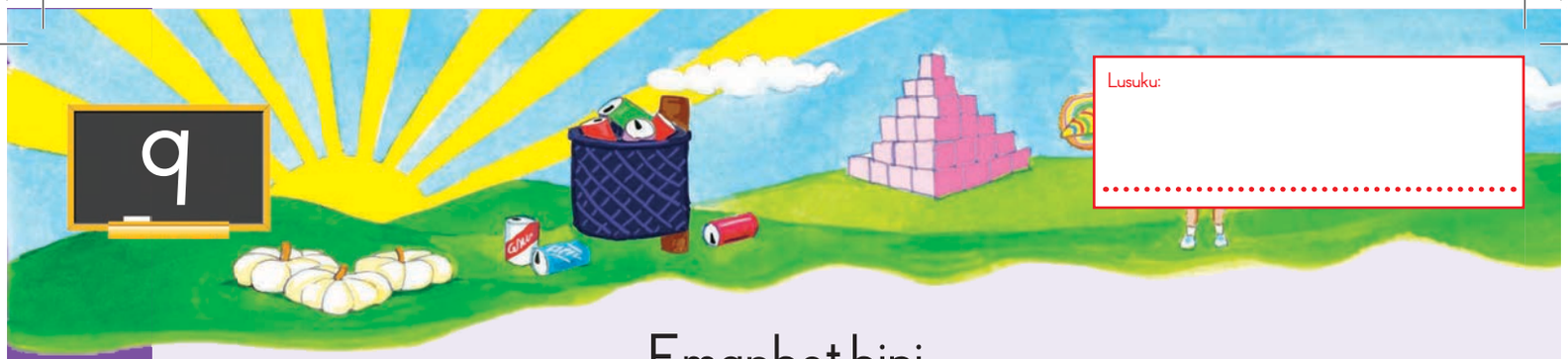
Ngabe ikhona lenye imphendvulo?

Labadzala _____ Bantfwana _____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 19 2014/05/05 3:39 PM



9

Lusuku:

Ithemu I

Emaphethini

Sebentisa lebhodi-nombolo ya 200 kuphendvula imibuto.

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

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

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

SIS NUM G3 B1 9781431500123.indb 20 2014/05/05 3:39 PM

Bhala tinombolo letilandzelako kuphethini ngayinye. Chubeka uf ake umbala kuphethini. Yini loyibonako ngemaphethini lanembala munye?

Kubala **ngesihlanu**.

				5					10

Kubala **ngakubili**.

	2		4						

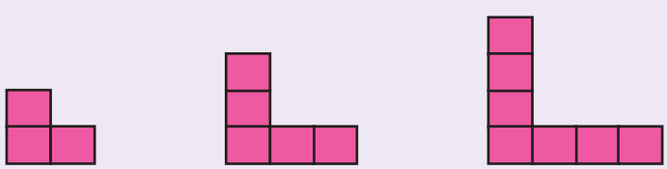
Kubala **ngakutsatfu**

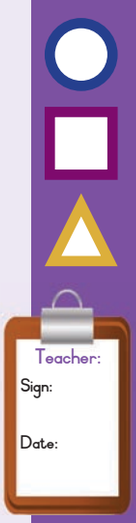
		3			6				

Kubala **ngalokulishumi**

									10

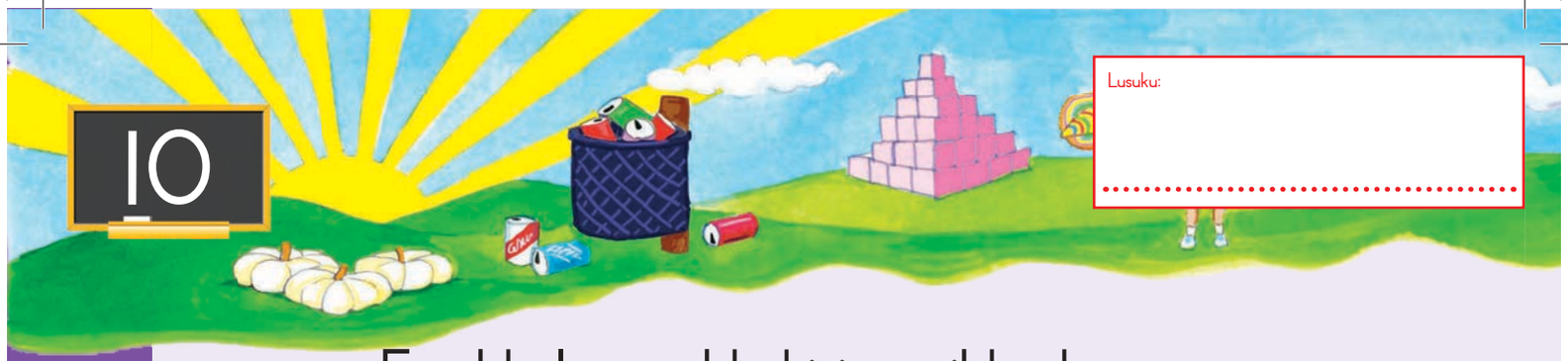
Nweba lephethini





11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 21 2014/05/05 3:39 PM



10

Lusuku:

Ithemu I

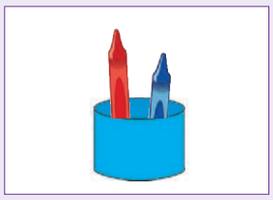
Emabhola, emabhokisi nemibhoshongo

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

Faka umbala emphendvulweni lengiyo.

Libhokisi

kuyashelela | kuyagicika



Isilinda

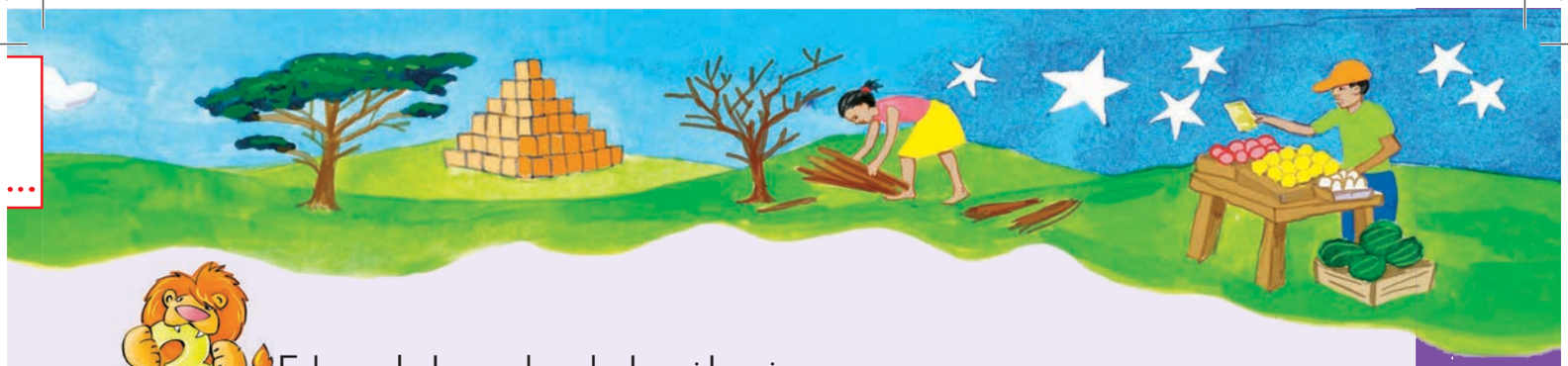
kuyashelela | kuyagicika

Ibhola

kuyashelela | kuyagicika

1 2 3 4 5 6 7 8 9 10

SIS NUM G3 B1 9781431500123.indb 22 2014/05/05 3:40 PM



3 Faka umbala emphendvulweni lengiyo.

umnyele loyindilinga

umnyele locondzile

umnyele loyindilinga

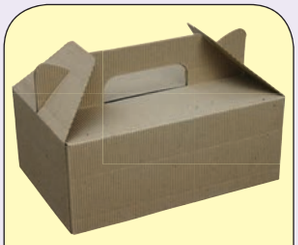
umnyele locondzile

umnyele loyindilinga

umnyele locondzile

umnyele loyindilinga

umnyele locondzile



umnyele loyindilinga

umnyele locondzile

umnyele loyindilinga

umnyele locondzile

umnyele loyindilinga

umnyele locondzile

umnyele loyindilinga

umnyele locondzile

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

ngemuva | embikwe

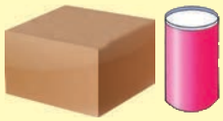
eceleni kwe | etukwe

ngemuva | embikwe

eceleni kwe | etukwe

ngemuva | embikwe

eceleni kwe | etukwe



ngemuva | embikwe

eceleni kwe | etukwe

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 23 2014/05/05 3:40 PM

Lusuku:

Ithemu I

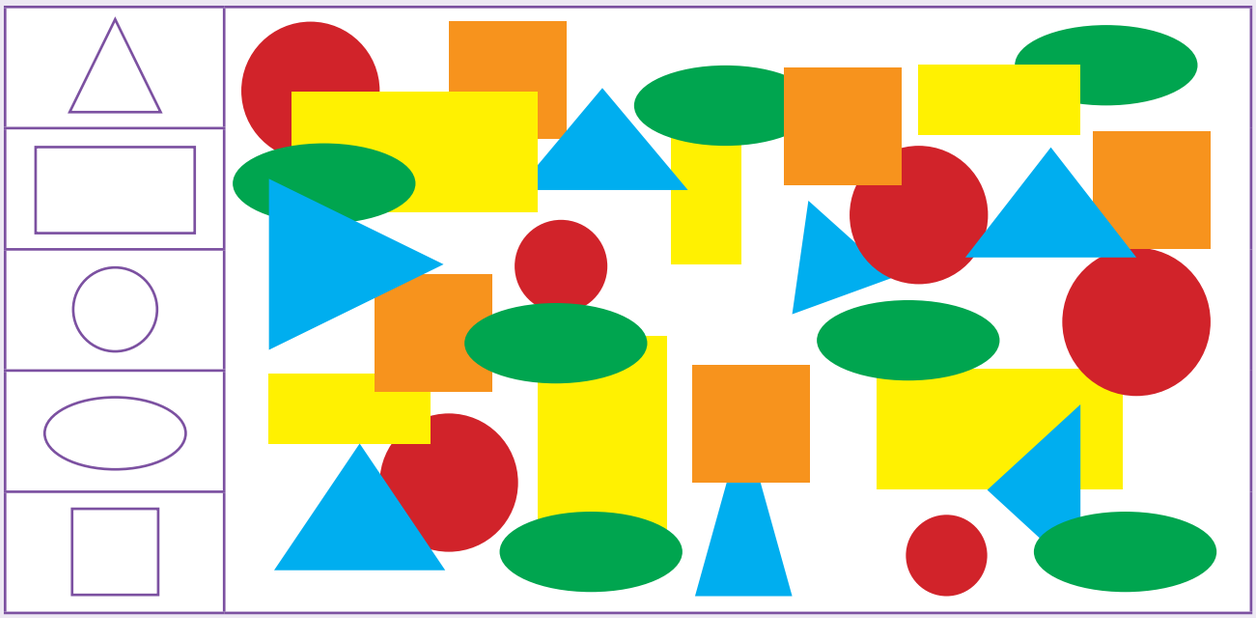
Dvweba, unikete ligama, bese ucatsanisa labobunjwa bebusobubili (i2D)

Dvweba bobunjwa

Calantsatfu		Indilinga	
Sikwele		Calandze	

Bala labobunjwa

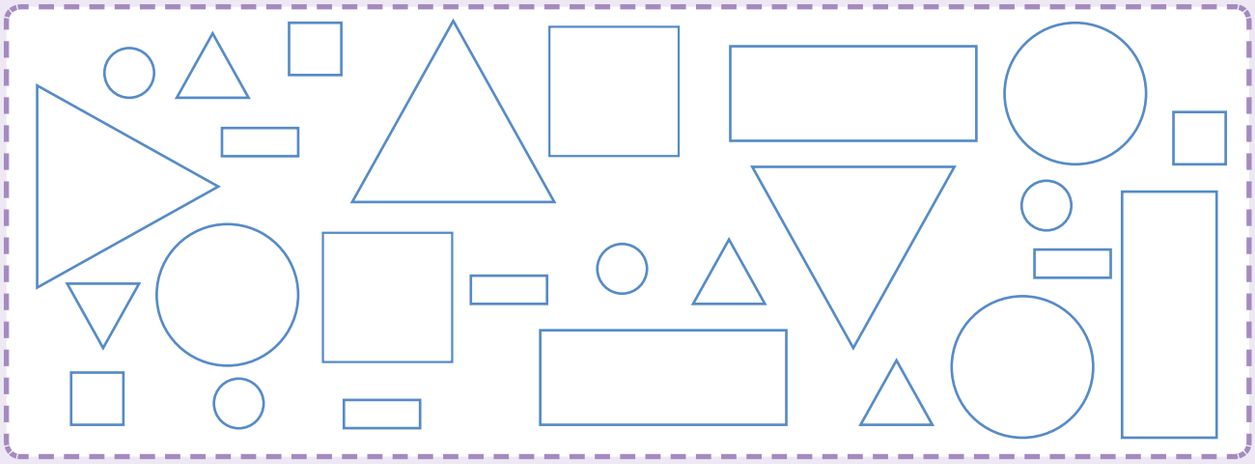
Bala kutsi bangakhi bobunjwa labafana nalona longabatfola kulesitfombe.



SIS NUM G3 B1 9781431500123.indb 24 2014/05/05 3:40 PM

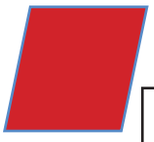
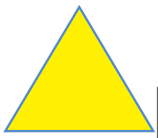
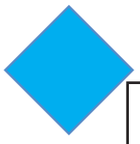
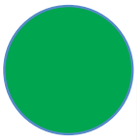
Faka umbala

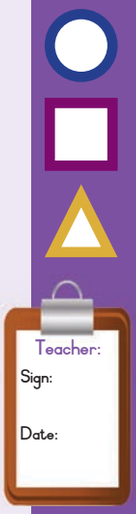
lobovu kutotonkhe tindilinga letinkhulu, loluhlata kuletincane; lolingangane kubocalantsatfu labakhulu, loliphuti kulabancane, mtfubi etikweleni letinkhulu, letincane losamsobo; lonsundvu kubocalandze labakhulu, lophinki kubocalandze labancane.



Mangakhi emacala?

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

	3						
kucondzile	indilinga	kucondzile	indilinga	kucondzile	indilinga	kucondzile	indilinga
							
kucondzile	indilinga	kucondzile	indilinga	kucondzile	indilinga	kucondzile	indilinga



11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 25 2014/05/05 3:40 PM

Lusuku:

Kwendlula kwesikhatsi

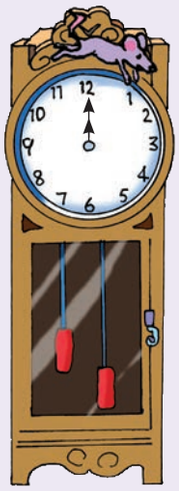
Fundza sikhatsi

Ngabe lamawashi akhombisa tiphi tikhatsi?

___ enhloko ___ enhloko ___ enhloko ___ enhloko

Zuba ngasewashini

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



Mingakhi imizuzu loyibalile? _____

Mingakhi imizuzu e-aweni li-1? _____

Bhala sikhatsi

Dvweba tandla kukhombisa tikhatsi.

lishumi nesihlanu emva kwa 6

igabence yesi 8

lishumi nesihlanu embi kwa 11

lishumi nesihlanu emva kwa 5

SIS NUM G3 B1 9781431500123.indb 26 2014/05/05 3:40 PM

Tumi uya esikolweni.

Usuka ekhaya.

Ufika esikolweni.

Ngabe Tumi utsatsa sikhatsi lesingakanani? ___

4 Lilanga lekubhaka

Maria ubhaka sinkhwa.

Sinkhwa singena ku-avini.

Sinkhwa siyaphuma.

Sinkhwa sibhakeka imizuzu le _____.

5 Insayeya

Kusikhatsi lesiphindziwe

a. Gucula lama-awa aye kumizuzu.

Ema-awa	1	2	4	8
Imizuzu	60			

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

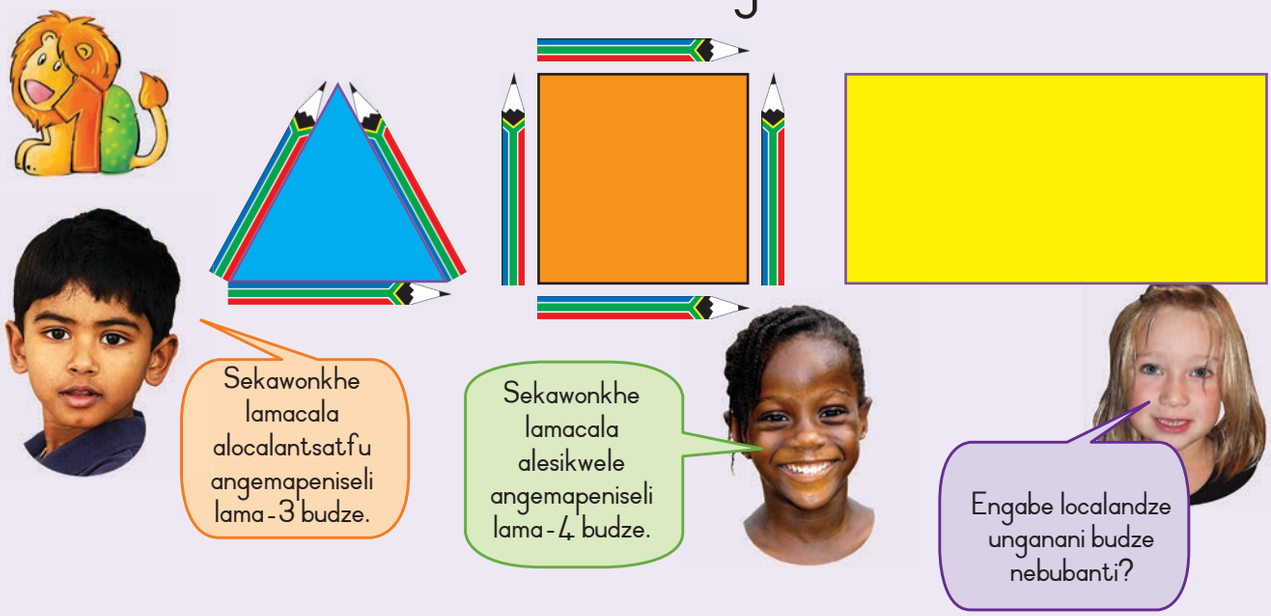
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 27 2014/05/05 3:40 PM

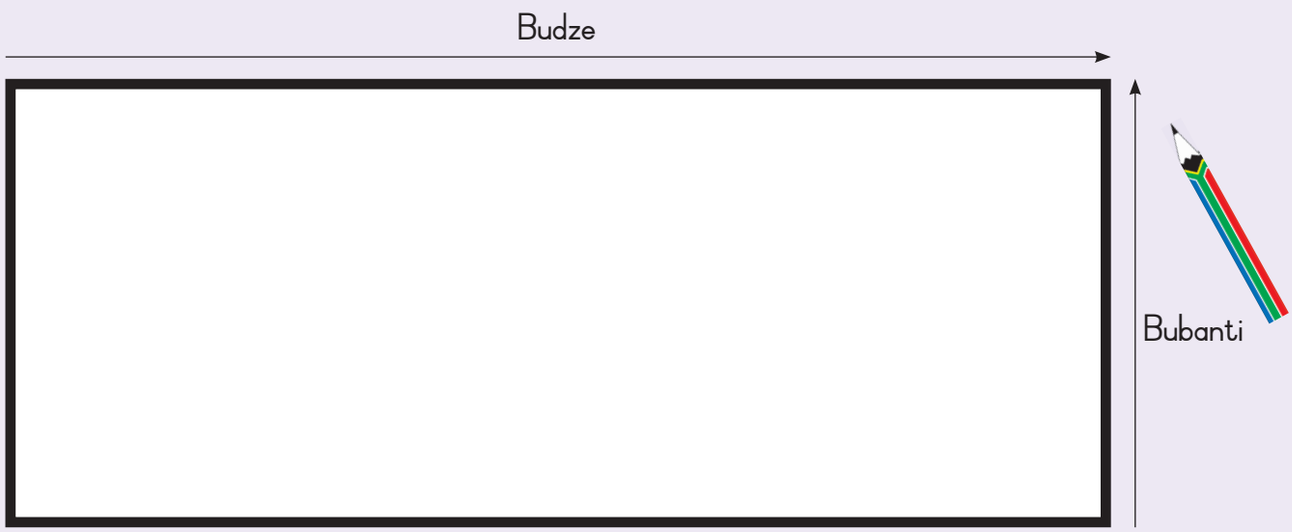
Lusuku:

Kukala libanga



Tingakhi tipeniseli letingangena ngebudze kulocalandze? ☐

Tingakhi tipeniseli letingangena ngebubanti kulocalandze? ☐



Utisebentise kanjani tipeniseli kubala?

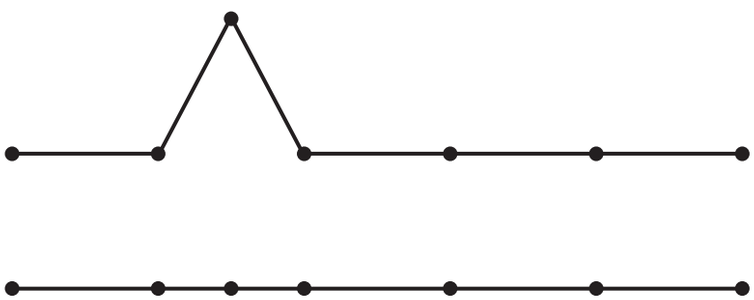
SIS NUM G3 B1 9781431500123.indb 28 2014/05/05 3:40 PM

Budze lobuyimfihlo

a. Mingakhi imigca **lebovu** loyidzingako kumbonya lomugca lomnyama ?

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

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



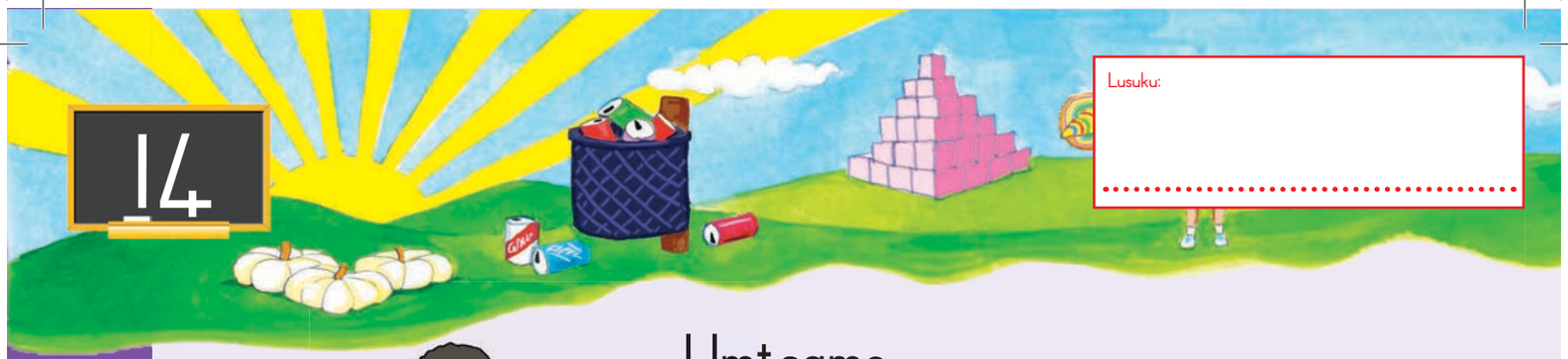
Imphendvulo _____

Kungani? _____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 29 2014/05/05 3:40 PM



14

Lusuku:

Ithemu I

Umtsamo

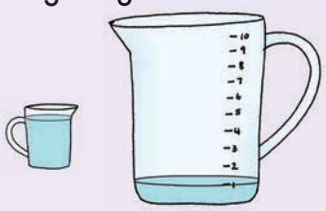
Lesikotela singatsatsa tinkomishi letili-10 temanti. Sevele ngifake letimbili tipunu kulenkomishi.

Kusele tingakhi tinkomishi temanti kutsi lesikotela sigcwale?

_____

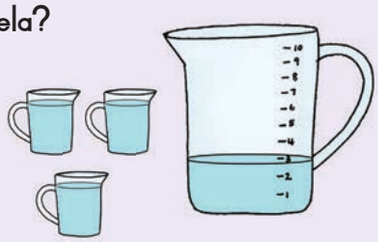
Tingakhi tinkomishi temanti letikulesikotela?
Sidzinga tingakhi tinkomishi kutsi sigcwalise lesikotela?

a.



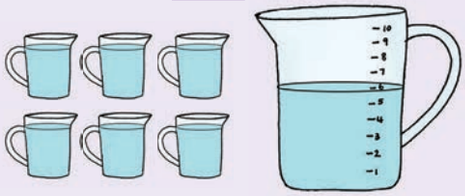
Esikoteleni [1] Sidzinga lokungetulu [9]

b.



Esikoteleni [ ] Sidzinga lokungetulu [ ]

c.



Esikoteleni [ ] Sidzinga lokungetulu [ ]

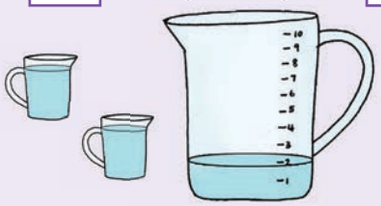
d.

Esikoteleni [ ] Sidzinga lokungetulu [ ]

e.

Esikoteleni [ ] Sidzinga lokungetulu [ ]

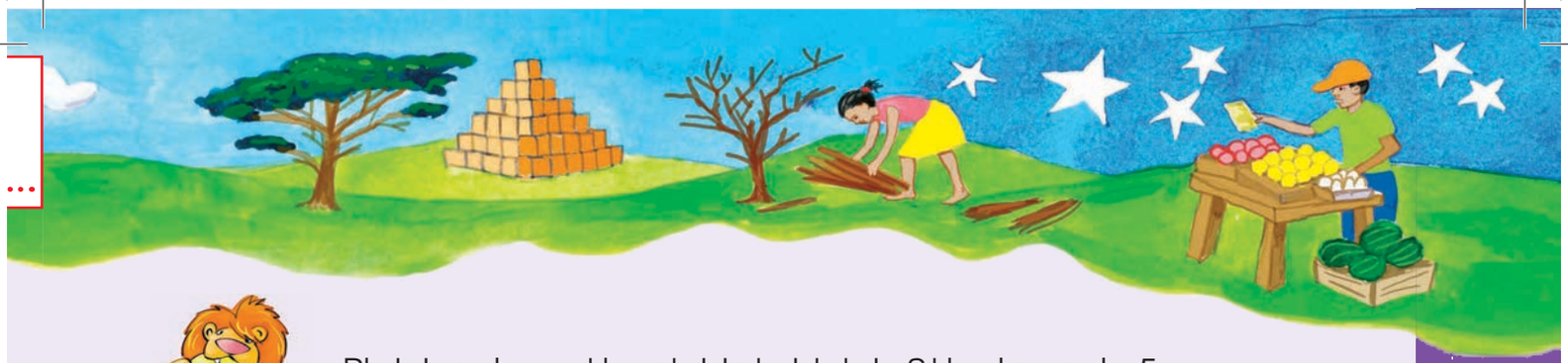
f.



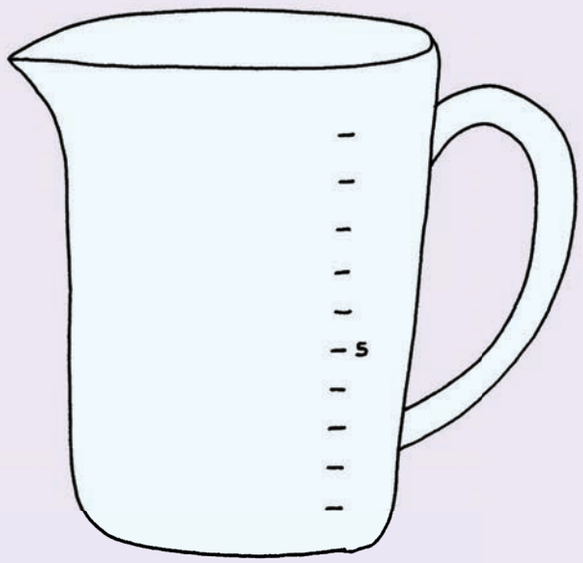
Esikoteleni [ ] Sidzinga lokungetulu [ ]

1 2 3 4 5 6 7 8 9 10

SIS NUM G3 B1 9781431500123.indb 30 2014/05/05 3:40 PM



Bhala letigaba temikhatsi kulelijeke lekukala. Sikhombise sigaba 5.



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

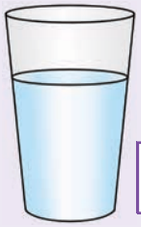
a. 4 _____

b. 6 _____

c. 8 _____

d. 10_____

Faka luphawu tikotela letimumatsa ilitha yinye yemanti.



Teacher:
Sign:
Date:

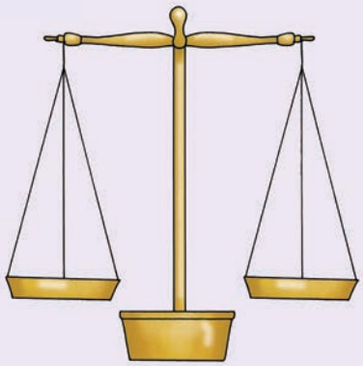
11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 31 2014/05/05 3:40 PM

15

Lusuku:

Sisebenta ngesisindvo



Asilinganiseni sisindvo setfu!

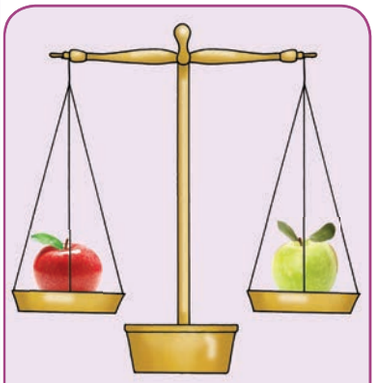
Kutfola kutsi, sisindza nobe simalula ngakanani, sisebentisa sikali.

Silinganiso sisindvo ngemakhilogramu. Sisebentisa lesifinyeto: kg.

Ngubani lonesisindvo lesikhulukati?

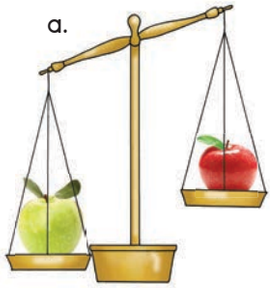
41 kg | 38 kg | 41 kg | 42 kg | 39 kg

Sisebentisa sikali - masimama kukala sisindvo.

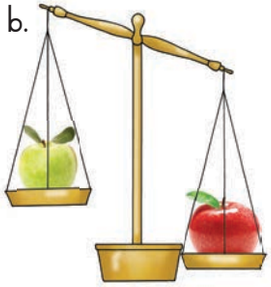


Kulesikali omabili emahhabhula esindza ngekulingana.

a.



b.



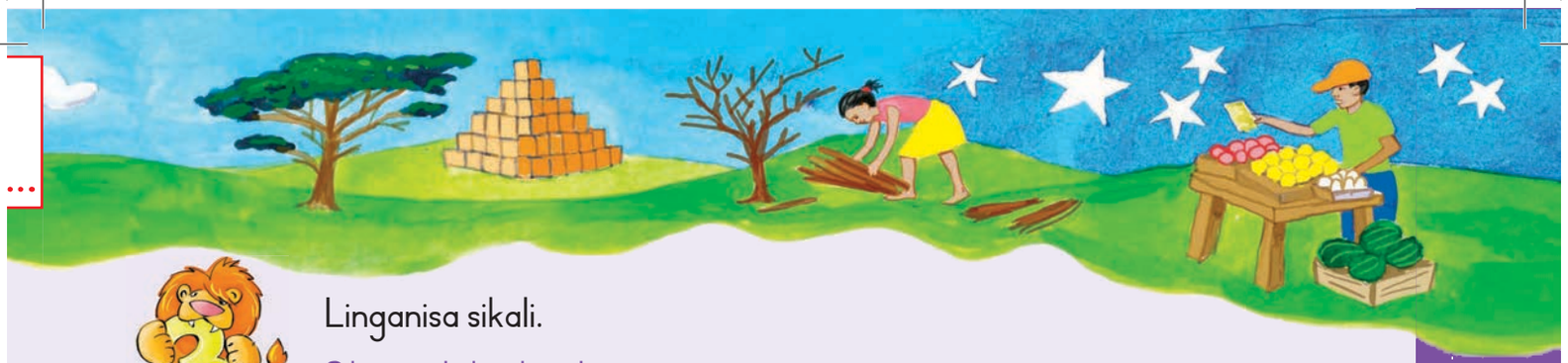
Phendvula umbuto: bhala a noma b.

Ngukusiphi sikali lapho khona lihhabhula leliluhlata limatinyana kunelihhabhula lelibovu ☐

Ngukusiphi sikali lapho khona lihhabhula leliluhlata limalulana kunelihhabhula lelibovu ☐

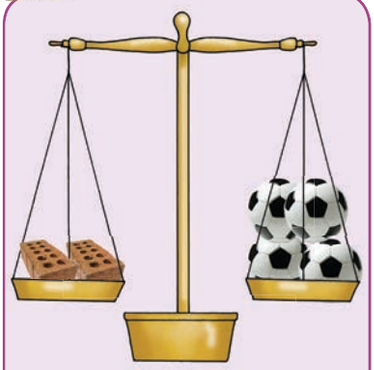
1 2 3 4 5 6 7 8 9 10

SIS NUM G3 B1 9781431500123.indb 32 2014/05/05 3:40 PM



3 Linganisa sikali.

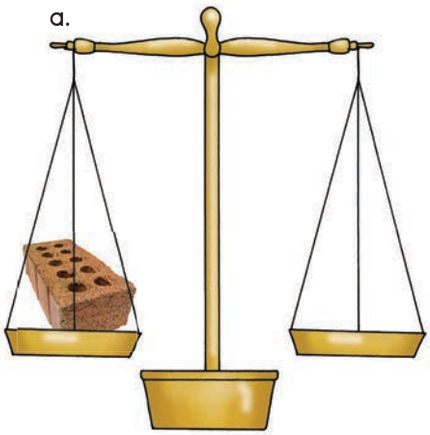
Sikwentele kwekucala.



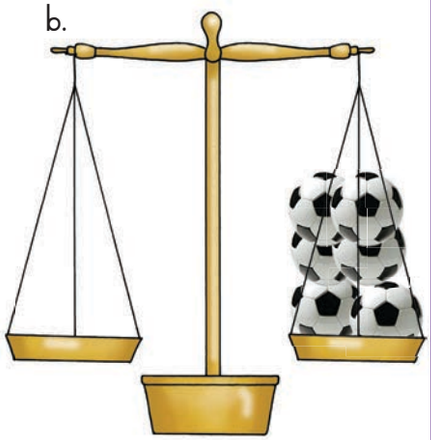
Titini letimbili tinesisindvo lesilinganako nemabhola lamane.

Dvweba kutsi tingakhi titini noma emabhola lowadzingako kwenta letikali tisimame.

a.



b.



4

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? _____

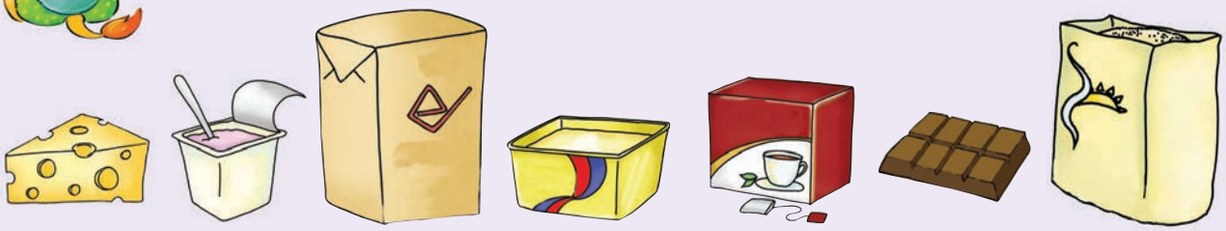
Usho ngani? _____

_____

_____

5

Faka luphawu ebhulokini yemphendvulo lenetintfo letinesisindvo sa 1 kg.

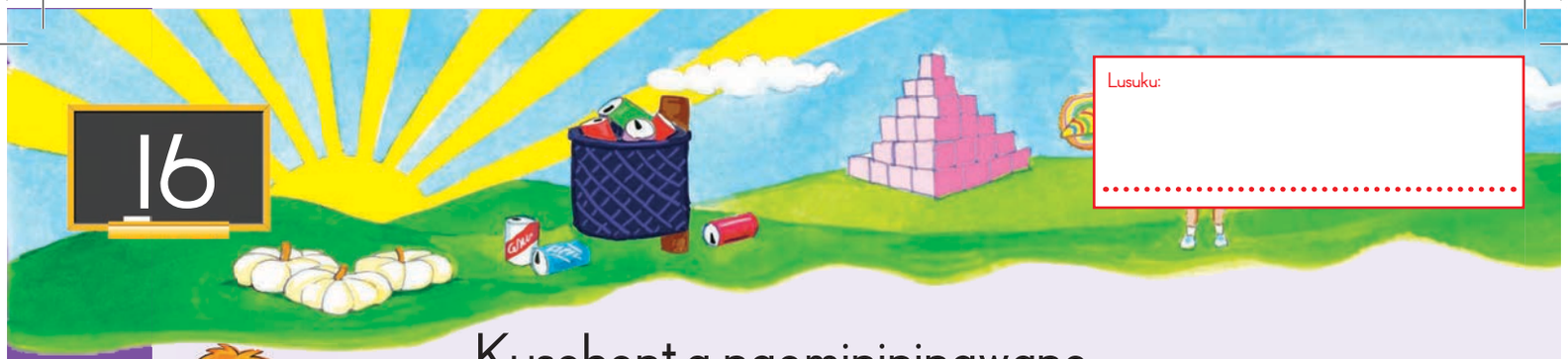


☐ ☐ ☐ ☐ ☐ ☐ ☐

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 33 2014/05/05 3:40 PM



16

Lusuku:

Ithemu I

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.

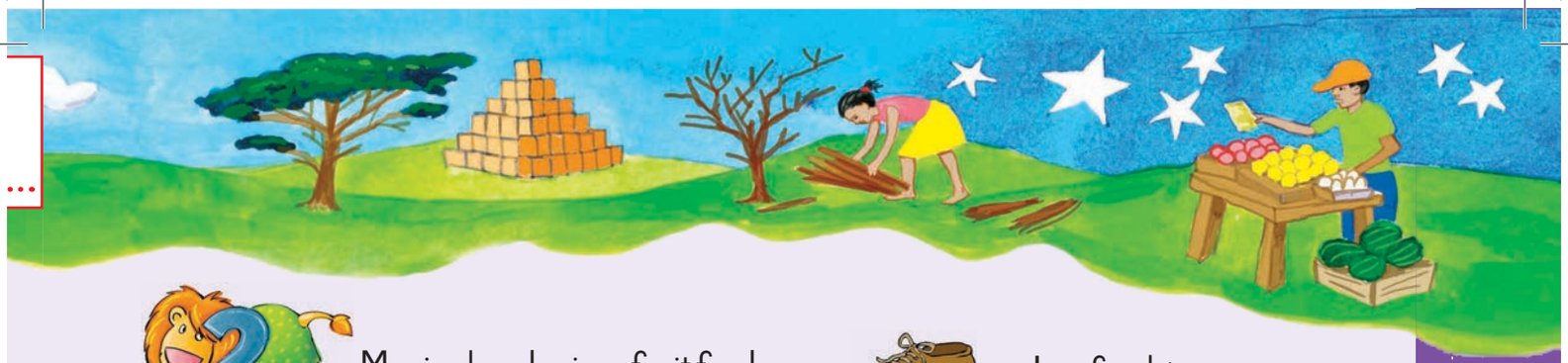
Make Khoza: Bala, bese ubhala kutsi mangakhi emasayizi ngayinye etafuleni.

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

SIS NUM G3 B1 9781431500123.indb 34 2014/05/05 3:40 PM



Manje dvweba igrafusitfombe.

= 1 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 bahlanganyele kulomklamo.

Nine-ke nigcoka yiphi isayizi?

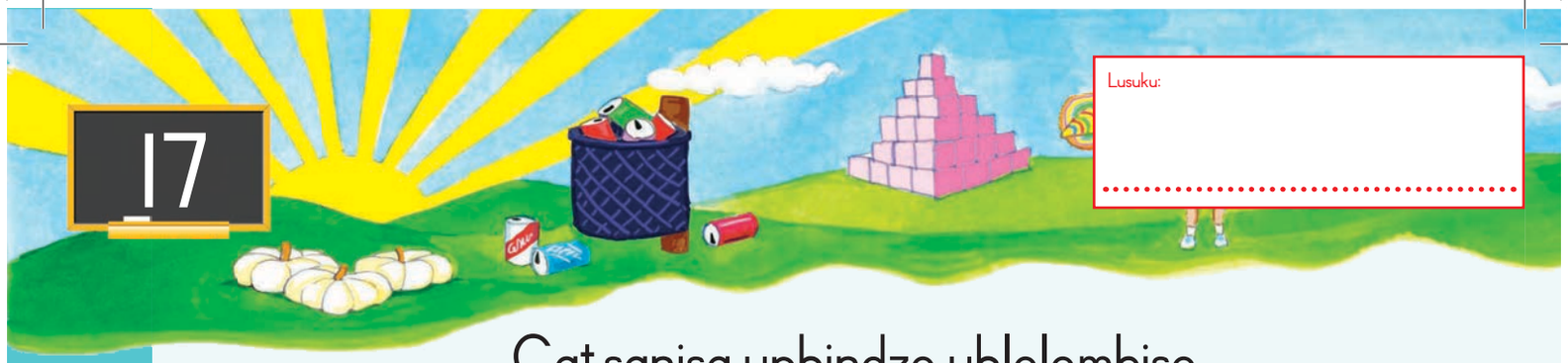
Tfola kutsi wena nebangani bakho nigcoka waphi emasayizi!

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 35 2014/05/05 3:40 PM

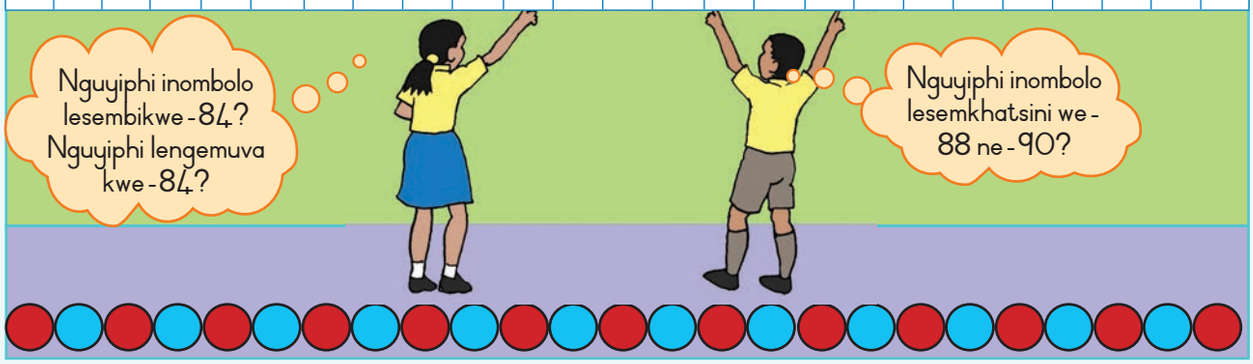


17

Lusuku:

Catsanisa uphindze uhlelembise tinombolo

75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99



Gcwalisa tinombolo letishiyiwe.

51									
						67			
71									
									100

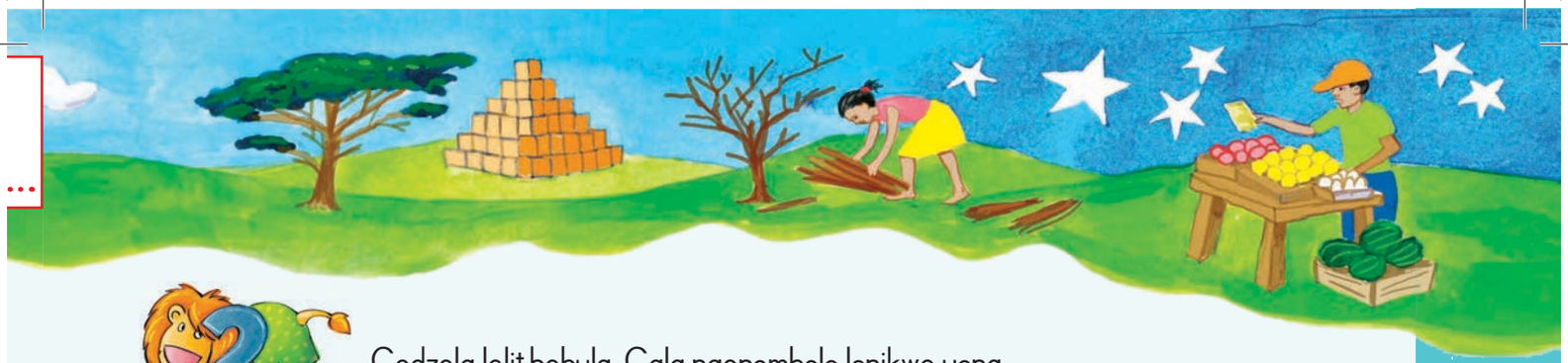
Sebentisa libhodi nombolo kuphendvula lemibuto

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

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

  _____

SIS NUM G3 B1 9781431500123.indb 36 2014/05/05 3:40 PM



Cedzela lelithebula. Cala ngenombolo lonikwe yona.

	lenkhulu ngakunye	lencane ngakunye	lengetulu ngelishumi	lengephasi ngelishumi
25				
39				
74				
56				
40				

Kipilitela inombolo lenkhulu kakhulu.

78	87	17

36	63	33

Kipilitela inombolo lencane kakhulu.

99	19	9

14	41	40

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

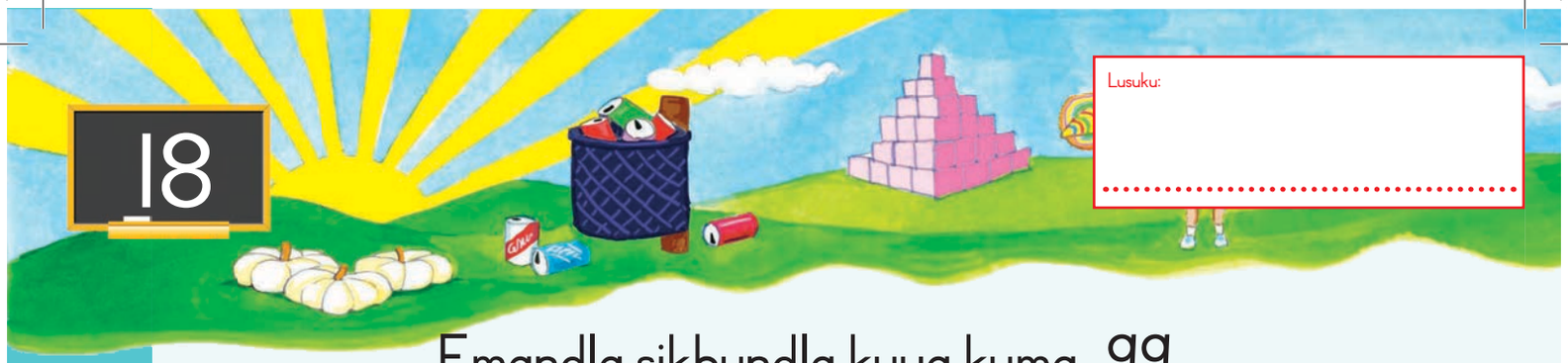
32 [<] 64 23 [>] 18

57 [ ] 98 89 [ ] 57

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

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 37 2014/05/05 3:40 PM



18

Lusuku:

Ithemu I

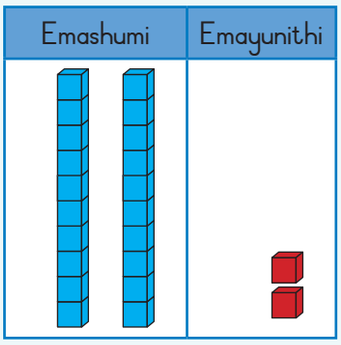
Emandla sikhundla kuya kuma-99

Kukhombisa tinombolo usebentisa tintfo

Singakhombisa tinombolo ngemabhuloki emandla-sikhundla.

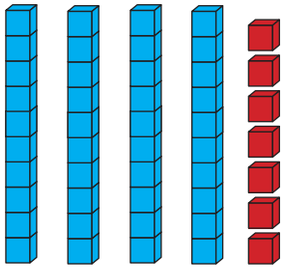
Libhuloki lelincane limele ku-1. Liyiyunithi.

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



Ungakhombisa inombolo ngekusebentisa emashumi nemayunithi.

Nayi indlela yekukhombisa ema-47.

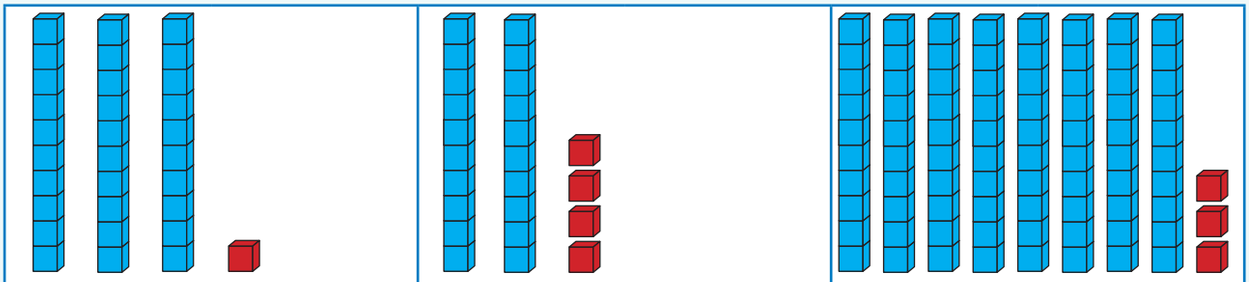


Emashumi	Emayunithi
4	7

emashumi lamane nesikhombisa 47

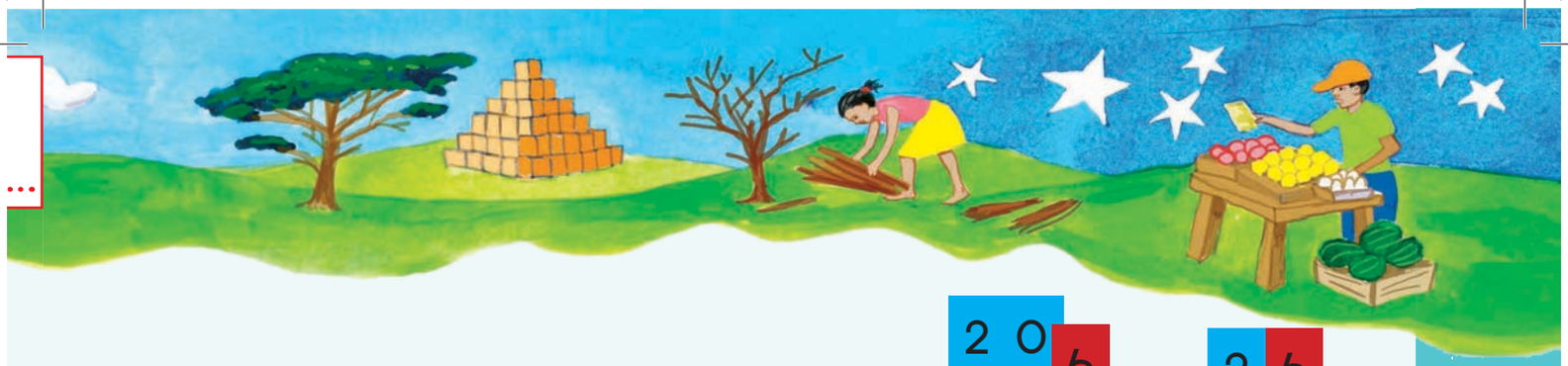
Kubhala tinombolo ngemadijithi nangemagama

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		_____ _____		_____ _____	

SIS NUM G3 B1 9781431500123.indb 38 2014/05/05 3:40 PM



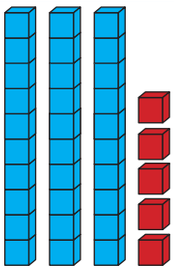
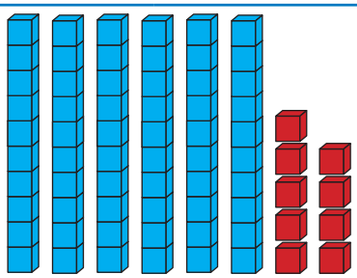
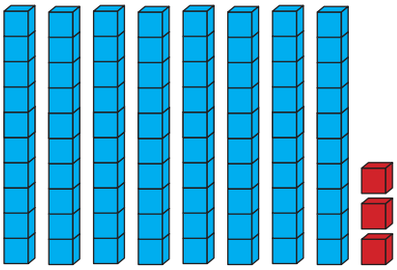
2 0 6

2 6

b. Singawasebentisa emakhadi nombolo kukhombisa loku lokungetulu.

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

Ngubani inombolo?

	3 0 5 3 5	Emashumi: 3 Emayunithi: 5 Emashumi lamatsatfu nesihlanu 35
		Emashumi Emayunithi _____ _____
		Emashumi Emayunithi _____ _____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 39 2014/05/05 3:40 PM

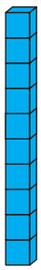
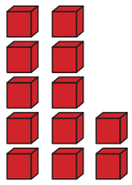
19

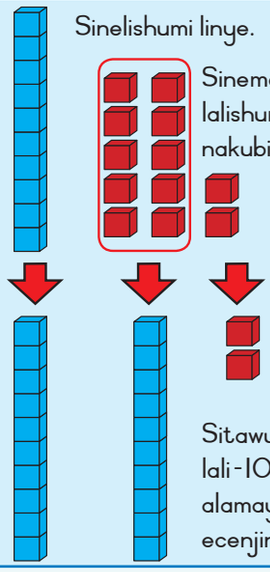
Lusuku:

Kubeka emashumi ndzawonye uma sihlanganisa kufika kuma-99

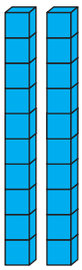
Fundza

Nayi indlela yinye yekukhombisa 22.

Emashumi	Emayunithi
	
1 lishumi	12 emayunithi
1 0	1 0 2

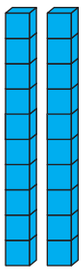
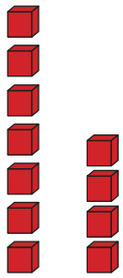


Nyalo sinalenye indlela yekukhombisa 22.

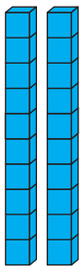
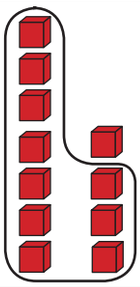
Emashumi	Emayunithi
	
2 emashumi	2 emayunithi
2	2

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

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

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

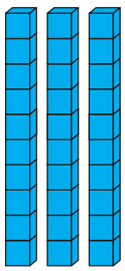
Sinemashumi lama-2 nemayunithi la-11.

Emashumi	Emayunithi
	

Singakhombisa emayunithi la-10 njengelishumi linye.

2 0 1 0 1

Nyalo sinemashumi lama-3 + 1 yunithi = 31

Emashumi	Emayunithi
	

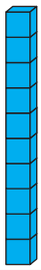
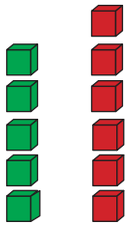
___ + ___ = ___

3 1

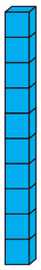
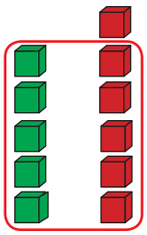
1 2 3 4 5 6 7 8 9 10

SIS NUM G3 B1 9781431500123.indb 40 2014/05/05 3:40 PM

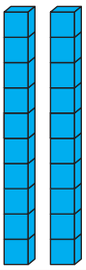
Bhala lomushonombolo lokhonjiswe esitfombeni

Emashumi	Emayunithi
	

10 + 5 + 6

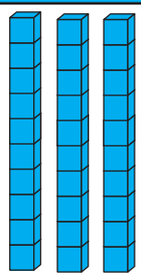
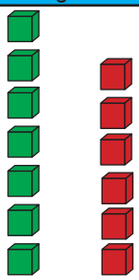
Emashumi	Emayunithi
	

___ + ___ + ___

Emashumi	Emayunithi
	

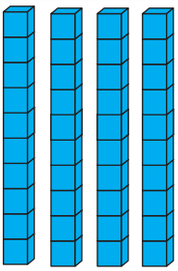
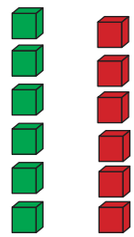
___ + ___ = ___

Cedzela letitfombe. Bhala imishonombolo lekhonjiswa sitfombe.

Emashumi	Emayunithi
	

Emashumi	Emayunithi

Emashumi	Emayunithi

Emashumi	Emayunithi
	

Emashumi	Emayunithi

Emashumi	Emayunithi

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 41 2014/05/05 3:40 PM

20a

Lusuku:

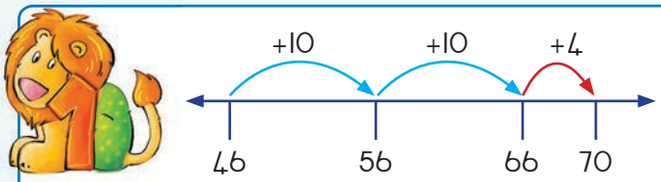
Hlanganisa kumugca-nombolo

Hlala edesikini lakho!

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

Sebenta nemngani

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



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

Yikhombise ngemakhadi nombolo akho

$= 46 + 10 + 10 + 4$

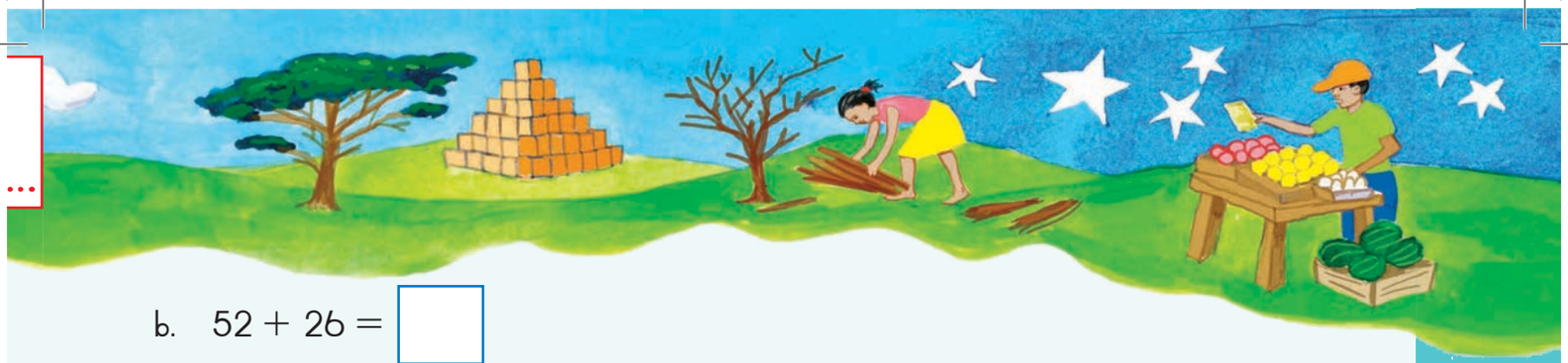
$= 56 + 10 + 4$

$= 66 + 4$

$= 70$

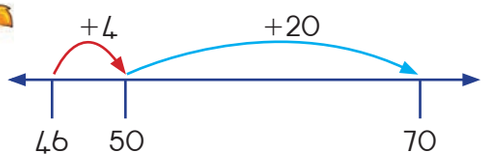
a. $32 + 25 =$ ☐

SIS NUM G3 B1 9781431500123.indb 42 2014/05/05 3:40 PM



b. 52 + 26 = ☐

c. 46 + 25 = ☐



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 = ☐

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

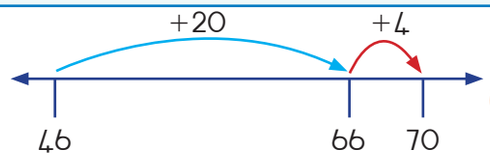
SIS NUM G3 B1 9781431500123.indb 43 2014/05/05 3:40 PM

20b

Lusuku: .....

Hlanganisa kumugca-nombolo (siyachubeka)

b. 57 + 19 = ☐



Kumele ngihlanganise ema-24 kuma-46.

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

Singawasebentisa futsi emakhadi nombolo.

= 46 + 20 + 4

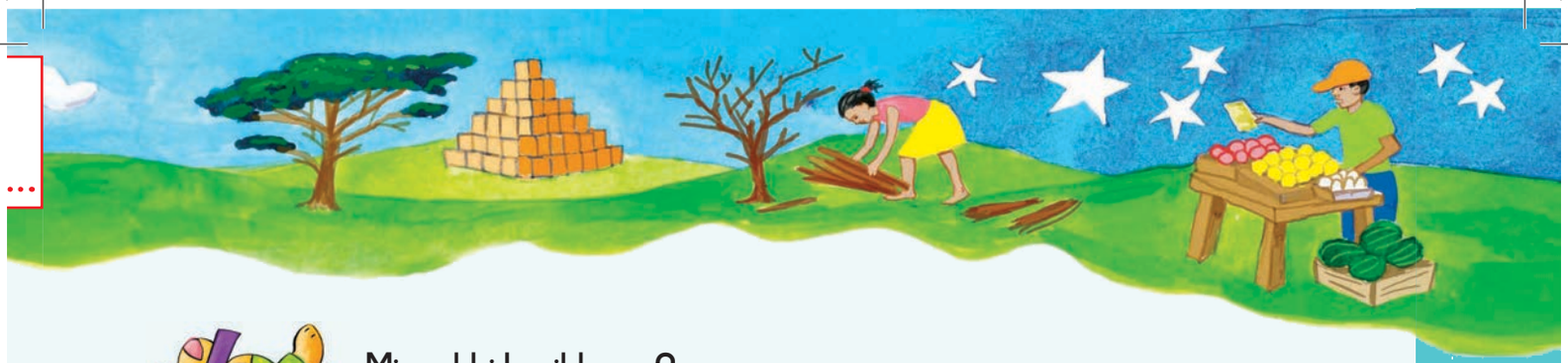
= 66 + 4

= 70

a. 63 + 24 = ☐

b. 65 + 29 = ☐

SIS NUM G3 B1 9781431500123.indb 44 2014/05/05 3:40 PM



4 Mingakhi lemikhama?

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.

5

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

38 + 24 =

58 + 17 =

75 + 16 =

83 + 29 =

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

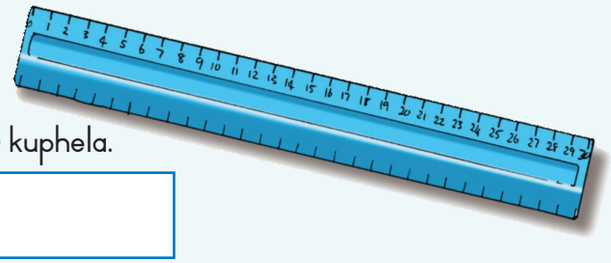
SIS NUM G3 B1 9781431500123.indb 45 2014/05/05 3:40 PM

21a

Lusuku:

Susa kumugca-nombolo

Umfundzi munye! Irula yinye!

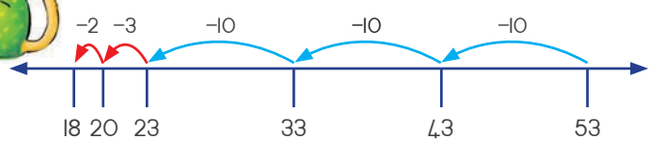


Likilasi lidzinga emarula langema-53. Sinalangema-35 kuphela.

Mangakhi lamanye lesiwadzingako? 53 – 35 = ☐

Sebenta nemngani

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



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

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

= 53 – 10 – 10 – 10 – 3 – 2

= 43 – 10 – 10 – 3 – 2

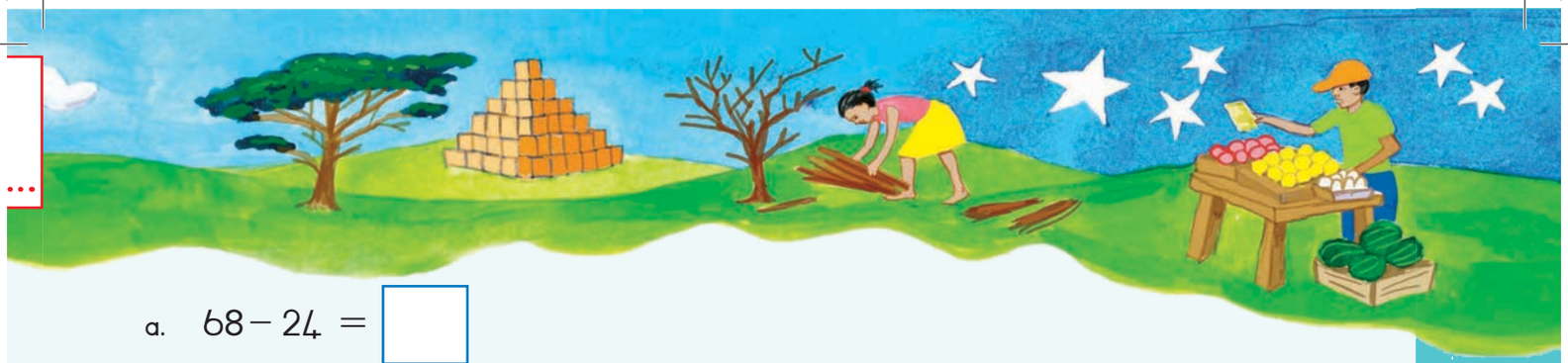
= 33 – 10 – 3 – 2

= 23 – 3 – 2

= 20 – 2

= 18

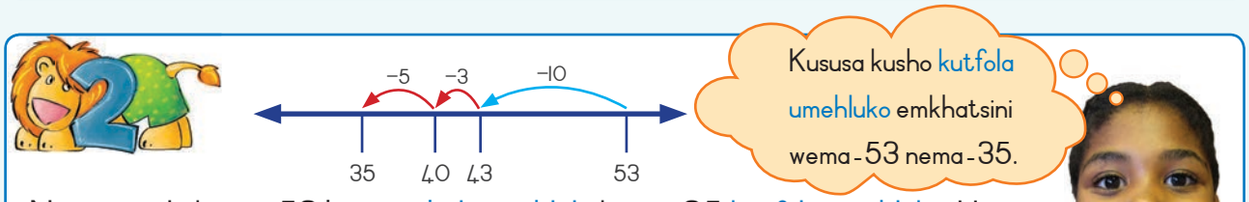
SIS NUM G3 B1 9781431500123.indb 46 2014/05/05 3:40 PM



a. 68 – 24 = ☐

b. 74 – 38 = ☐

c. 92 – 87 = ☐



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 = ☐

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 47 2014/05/05 3:40 PM

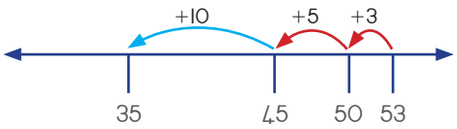
Lusuku:

Susa kumugca-nombolo (siyachubeka)

b. 65 – 43 = ☐

c. 72 – 39 = ☐

d. 85 – 48 = ☐

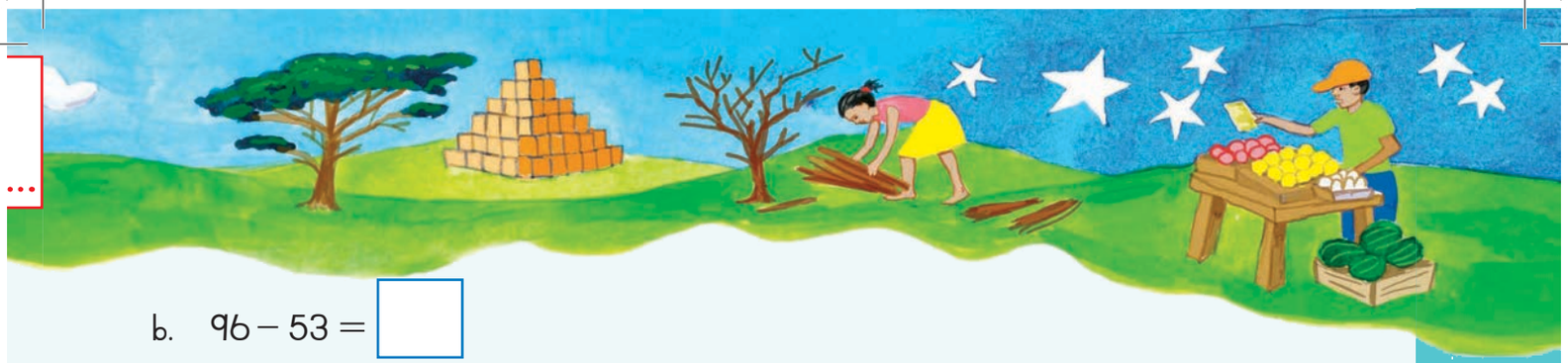


Ngingacala kuma-35 bese ngibuka kutsi kumele ngizube kangaki kute ngibale ngifike kuma-53.

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

a. 84 – 32 = ☐

SIS NUM G3 B1 9781431500123.indb 48 2014/05/05 3:40 PM



b. 96 – 53 = ☐

c. 78 – 19 = ☐

d. 63 – 47 = ☐

4 Kuhamba ngetekisi

Luhambo ngetekisi kuya edolobheni ngema-65 km.

Kwanyalo letekisi seyihambe ema-38 km.

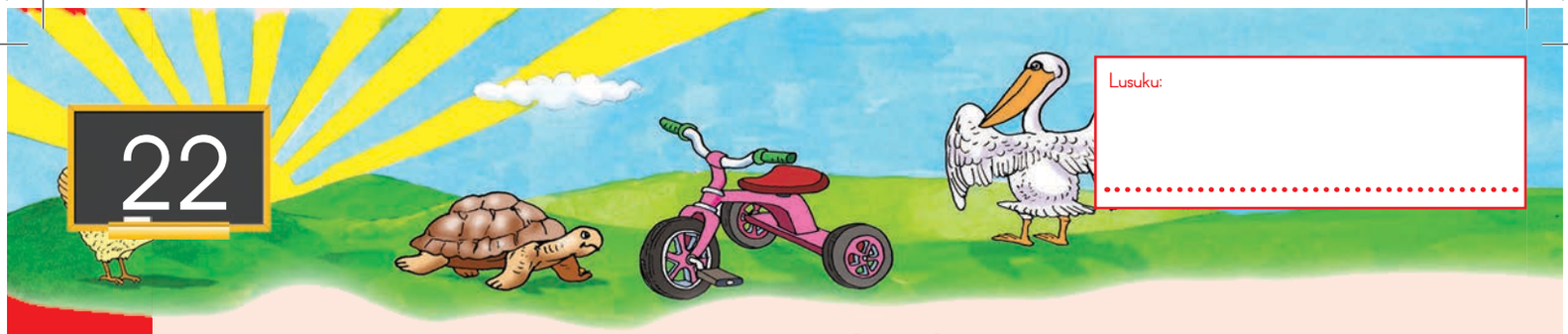
Kusamele kuhanjwe libanga lelingakanani?
Sebentisa umugcanombolo kucatulula lenkinga.

☐ km

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 49 2014/05/05 3:40 PM



Lusuku:

Sikhatsi selidzili

Luhlelo lwekucala

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

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

Luhlobo lwekudla				
Inombolo				

SIS NUM G3 B1 9781431500123.indb 50 2014/05/05 3:40 PM

Cedzela igrafusitfombe. Sebentisa lithebula lakho kukusita.
Dvweba buso bunye (☺) kumntfwana ngamunye lokhetsa loko kudla noma sinatfo.

☺			
☺			
☺			
☺			
☺			
☺			
☺			
☺			
☺			
☺			

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

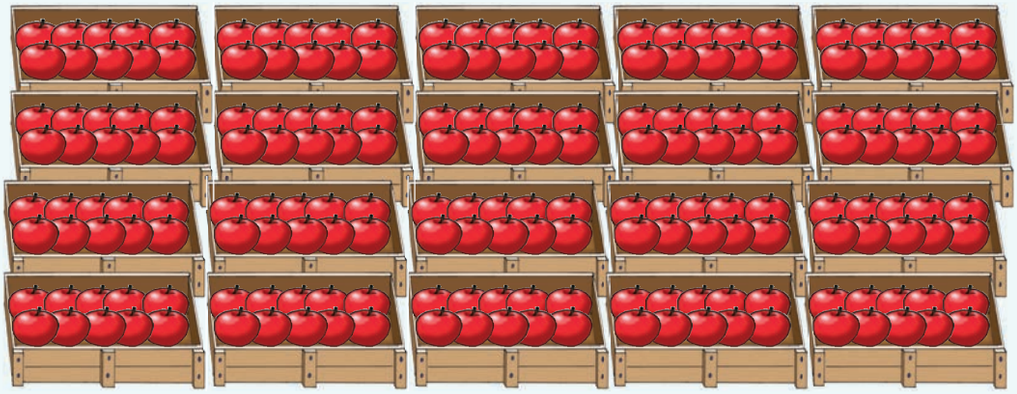
SIS NUM G3 B1 9781431500123.indb 51 2014/05/05 3:40 PM

23

Lusuku:

Kubala ufike ku 200

Bala emahhabhula?



Faka letinombolo

Libhokisi li-1 lina ☐ wemahhabhula

Luhele lu-1 luna ☐ wemabhokisi

Luhele lu-1 luna ☐ wemahhabhula

Emahele lama-4 ana ☐ wemahhabhula

Mangakhi ke emahhabhula lesingawafaka kulamabhokisi?

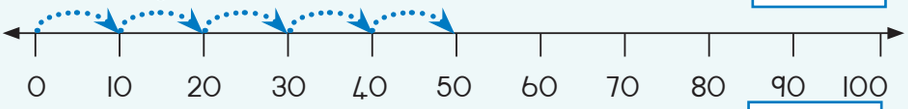
a. ☐

b. ☐

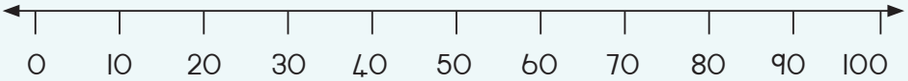
c. ☐

Bala kulomugcanombolo.

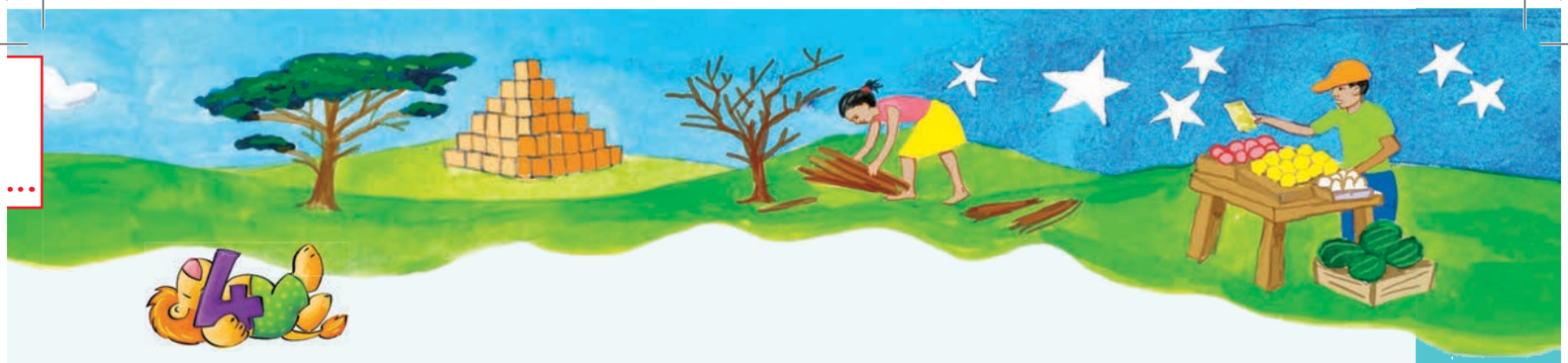
a. Ataba mangakhi emahhabhula emabhokisini lasihlanu? ☐



b. Ataba mangakhi emahhabhula emabhokisini lasikhombisa? ☐



SIS NUM G3 B1 9781431500123.indb 52 2014/05/05 3:41 PM



Ticheme leti-3 tema-10 takha	3 0	3 × 10 =	3 0	noma 10 × 3 =	3 0
Ticheme letisi-5 tema-10 takha	____ × ____ =			noma ____ × ____ =	
Ticheme leti-2 tema-10 takha	____ × ____ =			noma ____ × ____ =	

5 Emapheya etinyawo.
Tingakhi tintwane setitonkhe?

10 + 10 + 10 + 10 + 10 = 5 0 5 × 10 =

noma 10 × 5 =

Yenta loku ngendlela lefanako.

4 Emapheya etinyawo. Tingakhi tintwane?

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

9 Emapheya etinyawo. Tingakhi tintwane?

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

Bala ngema-10

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

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

Teacher:
Sign:
Date:

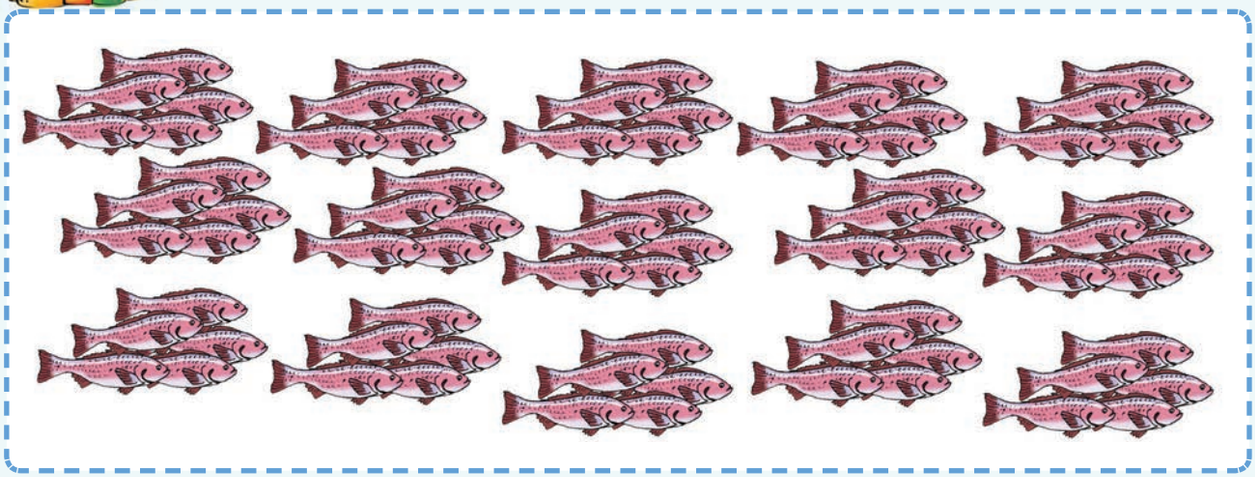
11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 53 2014/05/05 3:41 PM

Lusuku:

Kutilolonga ngeti-5

Tingakhi tinhlanti? Yenta silinganiso.



Nyalo-ke bala letinhlanti. Tingakhi setitonkhe?

Bala ngeti -5

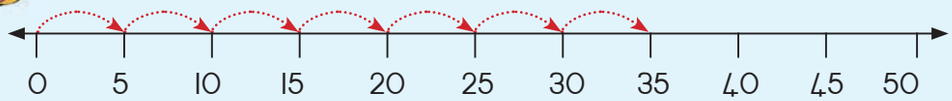
Tfola sibalo lesiphelele semacandza etinhlanti. Bhala umushonombolo wa + na ×.

Sikwentele wekucala.

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

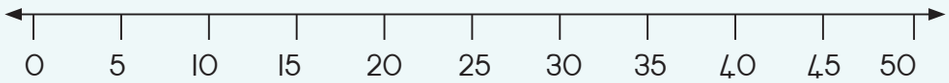
SIS NUM G3 B1 9781431500123.indb 54 2014/05/05 3:41 PM

3 Cedzela letinombolomisho nemigcanombolo.



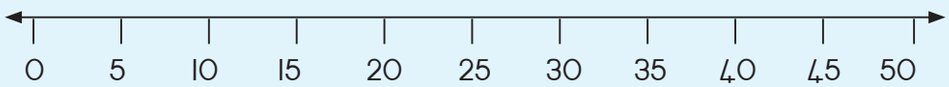
5 + 5 + 5 + 5 + 5 + 5 + 5 = 35 noma 7 × 5 = 35

a.



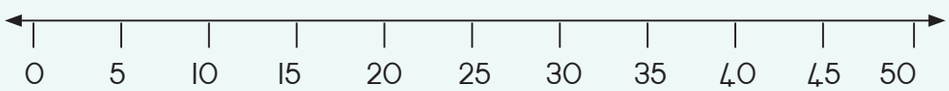
5 + 5 + 5 + 5 = ☐ noma ☐ × ☐ = ☐

b.



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

c.



___ + = ☐ noma 10 × 5 = 50

4 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:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 55 2014/05/05 3:41 PM

Lusuku:

Bala ngaku-2

Kubala emasokisi

a. Mangakhi emapheya emasokisi? _____

b. Mangakhi emasokisi lakhona? _____

c. Mangakhi emasokisi lasele? _____

SIS NUM G3 B1 9781431500123.indb 56 2014/05/05 3:41 PM

Kubala emapheya emasokisi

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

Emasokisi	Linani lemapheya	Linani lemasokisi	Emasokisi langalinye lasilele ngetulu

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 57 2014/05/05 3:41 PM

Lusuku:

Bala ngaku-2 (siyachubeka)

Kwakha emapheya.

Bhala phasi tinombolo-malinganisa kanye netinombolo-mashiyana kusukela ku 1 – 60.

a. Bhala phansi tinombolo-malinganisa kusuka ku 1 – 60.

2, 4, 6,

_____

_____

b. Bhala phansi tinombolo-mashiyana kusuka ku 1 – 60.

3, 5, 7,

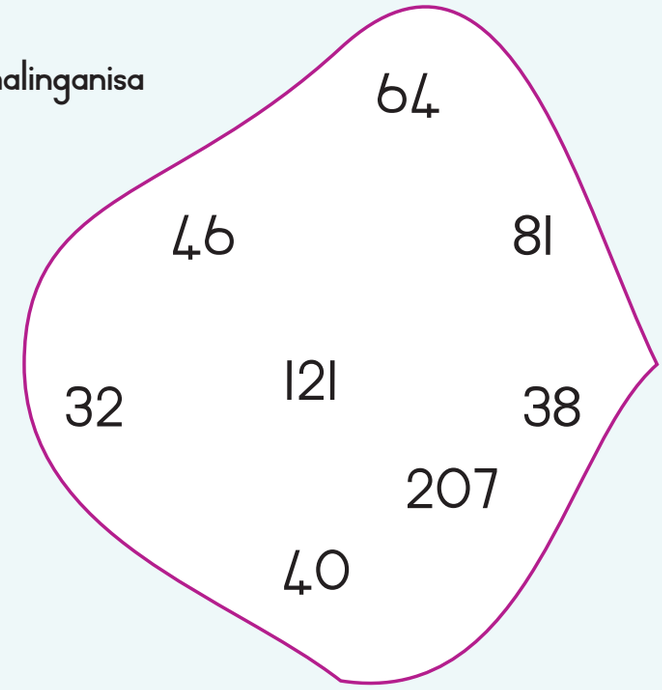
_____

_____

Bomashiyana nabomalinganisa

Dvweba indilinga ugegelete tinombolo-malinganisa.

Dvweba sikwele ugegelete tinombolo-mashiyana.



SIS NUM G3 B1 9781431500123.indb 58 2014/05/05 3:41 PM

5 Kusuka kumapheya kuya kumasokisi.

Sibonelo:

2 emasokisi = 1 lipheya

$2 \times 1 = 2$

20 emasokisi = 10 emapheya

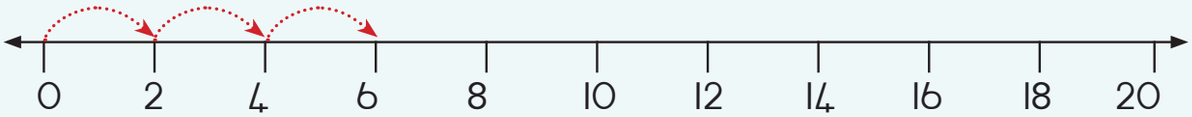
$2 \times 10 = 20$

a. Bhala kutsi mangakhi emasokisi.

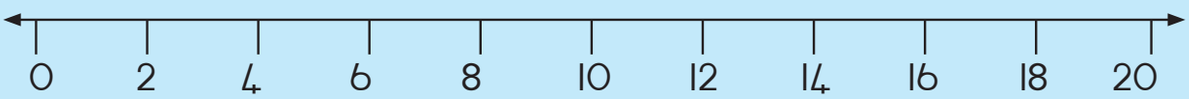
Cabanga ngaku-2	Umusho-nombolo
1 lipheya = 2 emasokisi	$\boxed{2} \times \boxed{1} = \boxed{2}$
2 emapheya = ____ emasokisi	$\boxed{2} \times \boxed{2} = \boxed{}$
4 emapheya = ____ emasokisi	
8 emapheya = ____ emasokisi	
9 emapheya = ____ emasokisi	

b. Khombisa lesibalo kulomugcanombolo bese uyacedzela.

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



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



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 59 2014/05/05 3:41 PM

Lusuku:

Imali endvulo nanyalo

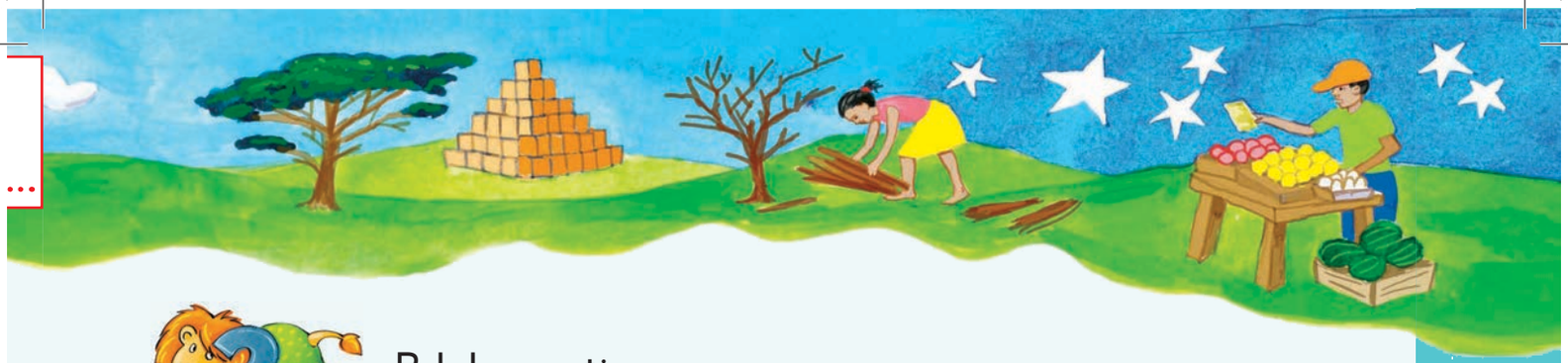
Indzaba yemali yetfu

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

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

1 2 3 4 5 6 7 8 9 10

SIS NUM G3 B1 9781431500123.indb 60 2014/05/05 3:41 PM

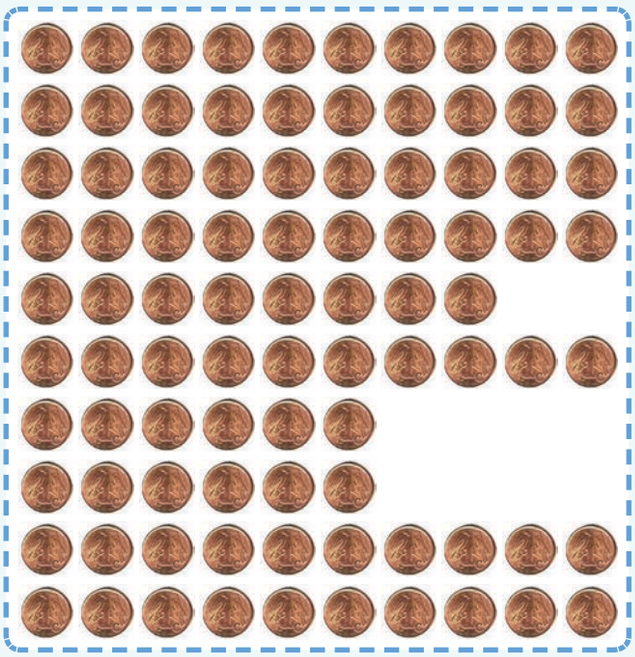


2 Bala lamasenti

Bala lamasenti.
Unemasenti lamangakhi?

Mangakhi ladzingakalako kwenta R1,00?

Wadvwebe lapha kulebhuloki.



3 Mangakhi emasenti?

R1,00 = ____ c	R2,00 = ____ c
R3,00 = ____ c	R1,50 = ____ c

4 Sibita malini sitselo?

2 babita R4,00.

Bangakhi bobhanana ku-R20,00?

2 abita R2,00.

Mangakhi emahhabhula e-R9,00?

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 61 2014/05/05 3:41 PM

27

Lusuku:

Bala ngaku-3

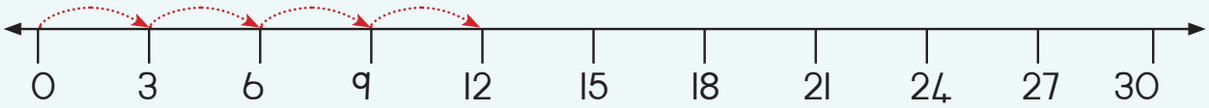
Tincola ngaku-3

Libhayisikili lelingusondvontsatfu li-I linemasondvo lama _____.

5 sabosondvontsatfu banemasondvo la_____	$3+3+3+3+3=5\times3=$ _____
2 bosondvontsatfu banemasondvo la_____	$3+3=2\times3=$ _____
4 bosondvontsatfu banemasondvo la_____	
6 sabosondvontsatfu banemasondvo la_____	
9 yabosondvontsatfu banemasondvo la_____	
8 sabosondvontsatfu banemasondvo la_____	

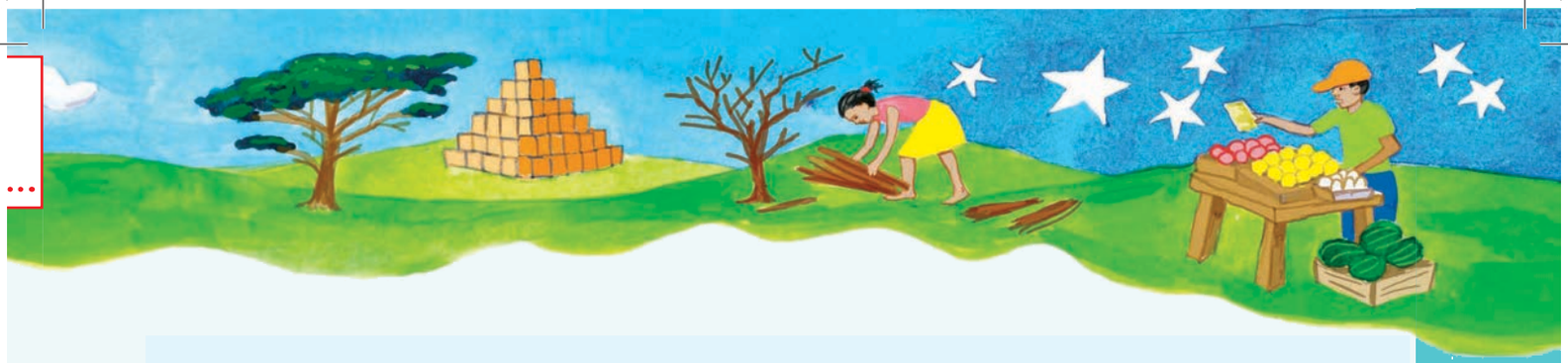
Imigcanombolo

Landzela sibonelo.



a. $3+3+3+3=$ ☐ $=4\times3=$ ☐

SIS NUM G3 B1 9781431500123.indb 62 2014/05/05 3:41 PM



b.

0 3 6 9 12 15 18 21 24 27 30

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

c.

0 3 6 9 12 15 18 21 24 27 30

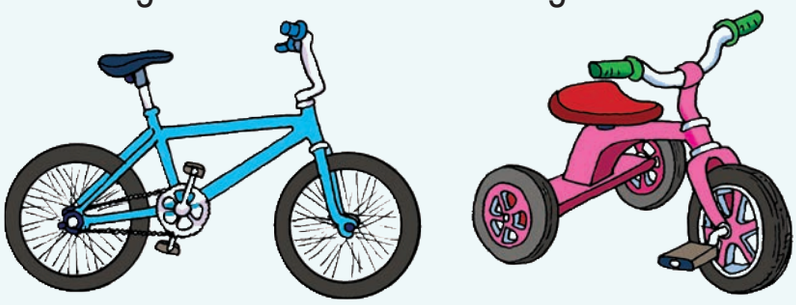
$_____ = \square = 6 \times 3 = \square$

d.

0 3 6 9 12 15 18 21 24 27 30

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

Emabhayisikili asondvombili nemabhayisikili abosondvontsatfu



Esitolo semabhayisikili Busi ubala emasondvo emabhayisikili abosondvombili newabosondvontsatfu.

Kunemasondvo lali-14 sekaphelele.

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 63 2014/05/05 3:41 PM

28

Lusuku:

Yini lehamba ngaku-4?

Tinyawo letine

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

Tinyawo tenkhomo tita nga-4.

Yini lenye lena kune? _____

Bala letinyawo

Yabelanani ngetimphendvulo.
Chaza kutsi yini loyentile.

Sebentisa emaphuzu lowatiko ngakune.

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

1 2 3 4 5 6 7 8 9 10

SIS NUM G3 B1 9781431500123.indb 64 2014/05/05 3:41 PM

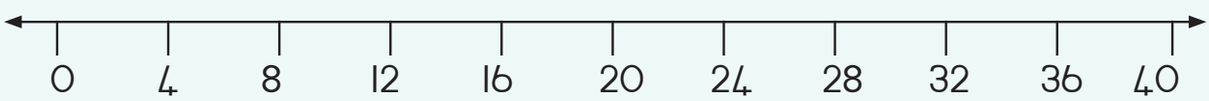
Cedzela lelithebula. Sebentisa lesibonelo kukusita.

Tinkhomo leti-3_____tinyawo	$4 + 4 + 4 = 3 \times 4 =$ 12
Tinkhomo leti-5_____tinyawo	
Tinkhomo leti-4_____tinyawo	
Tinkhomo leti-7_____tinyawo	
Tinkhomo leti-8_____tinyawo	

Imigcanombolo

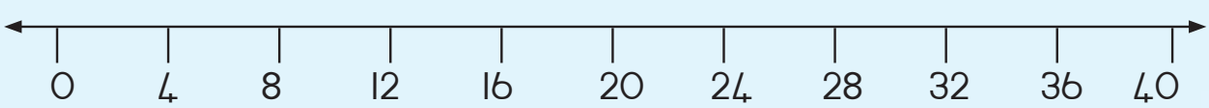
Cedzela lolokulandzelako bese ukukhombisa kumugcanombolo.

a.



_____ = ☐ = $5 \times 4 =$ ☐

b.



_____ = ☐ = $9 \times 4 =$ ☐

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 65 2014/05/05 3:41 PM

29

Lusuku:

Emaphethini ngetinombolo

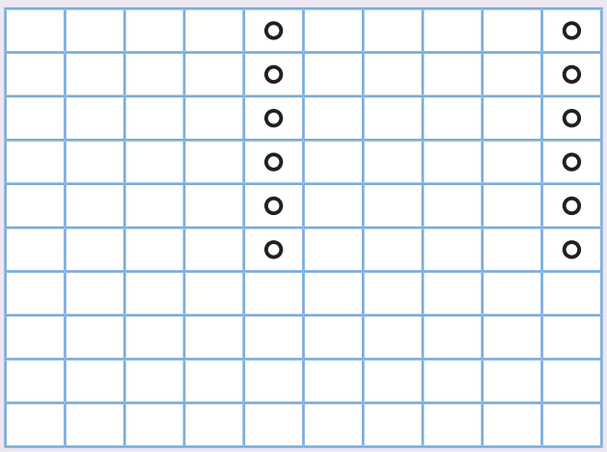
Emaphethini egridi

Nguyiphi inombolo yemaphethini lekhonjiswa tindilinga kugridi yeli-100?

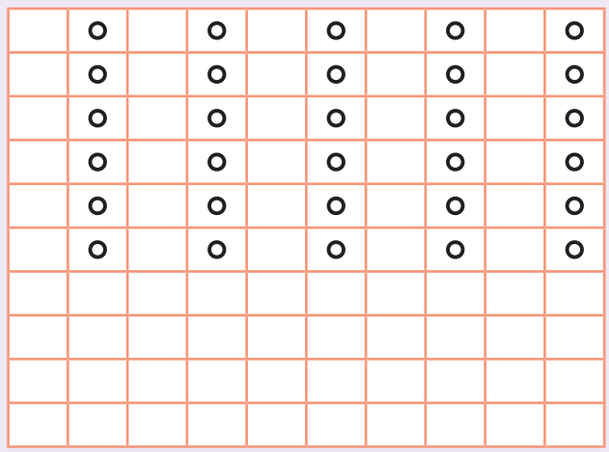
Dvweba tindilinga letinye kucedzela iphethini ngayinye.

Bhala ligama lephethini ngayinye.

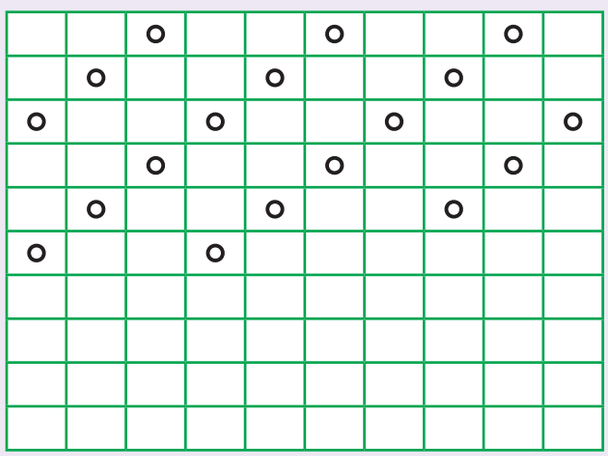
a. Iphethini: _____



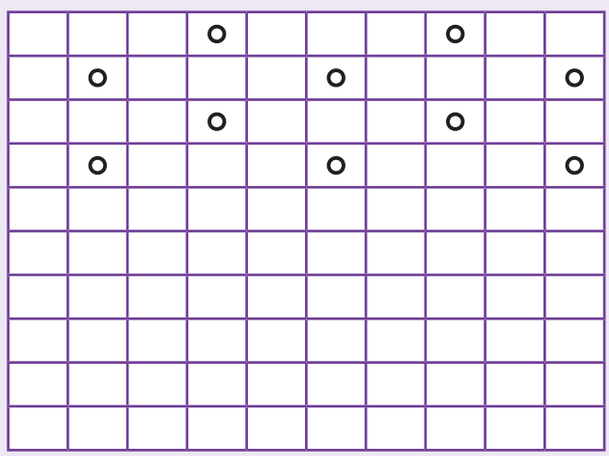
b. Iphethini: _____

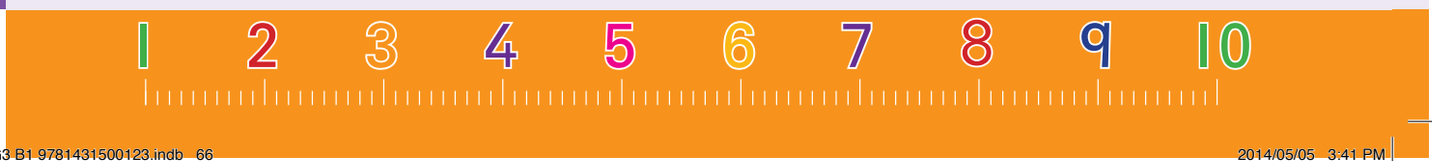


c. Iphethini: _____



d. Iphethini: _____





SIS NUM G3 B1 9781431500123.indb 66 2014/05/05 3:41 PM

2 Yenta emaphethini akho

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

				74				

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

				65				

3 Tiwela kuphi?

48 32 12 36 40 84 45

90 80 15 24 72 150 75

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

4 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?

Teacher:
Sign:
Date:

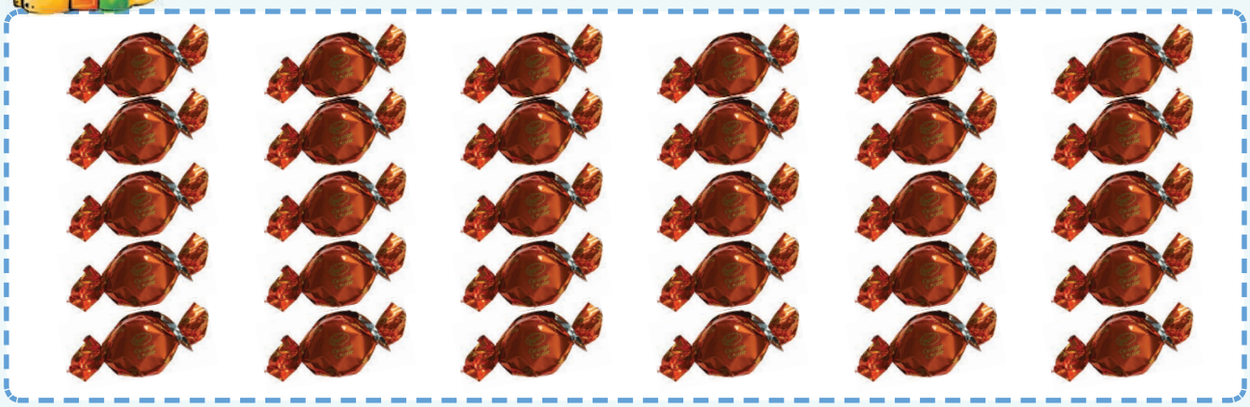
11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 67 2014/05/05 3:41 PM

Lusuku:

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.

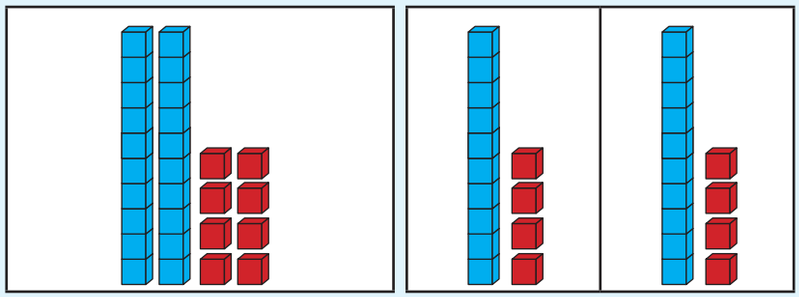
$\div \quad =$

c. Yehlukanisa emaswidi emkhatsini we-5 sebantfwana.

$\div \quad =$

SIS NUM G3 B1 9781431500123.indb 68 2014/05/05 3:41 PM

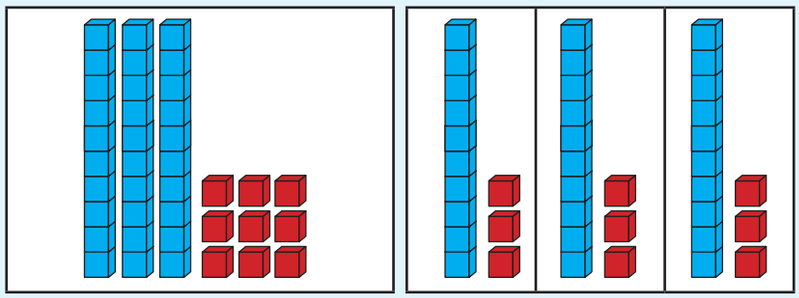
Singasebentisa emabhuloki etinombolo kwenta sibalo sekwehlukanisa.



2 8 ÷ 2 = 1 4

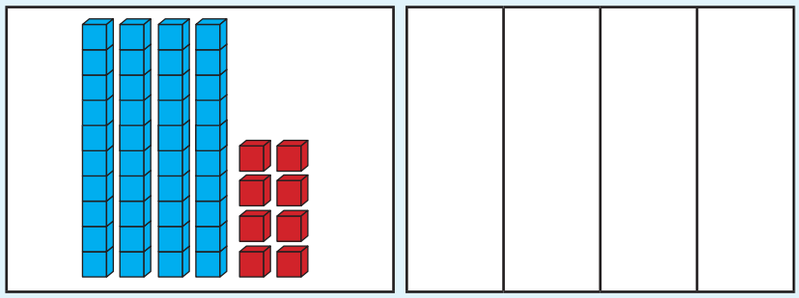
Nyalo yenta loku.

a.



☐☐ ÷ 3 = ☐☐

b.



☐☐ ÷ 4 = ☐☐

Teacher:
Sign:
Date:

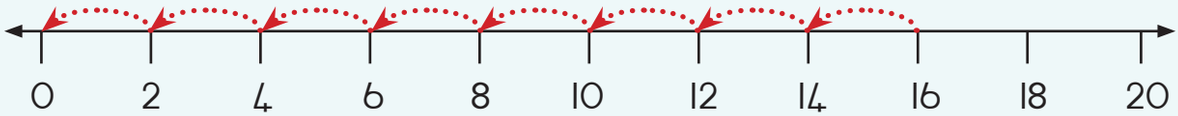
30b

Lusuku: .....

Kwaba (siyachubeka)

Sebentisa imigcanombolo kubhala umusho-nombolo wekususa nekuhlukanisa.

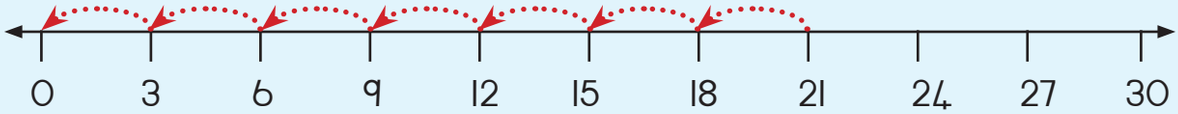
Sibonelo:



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

16 ÷ 2 = 8

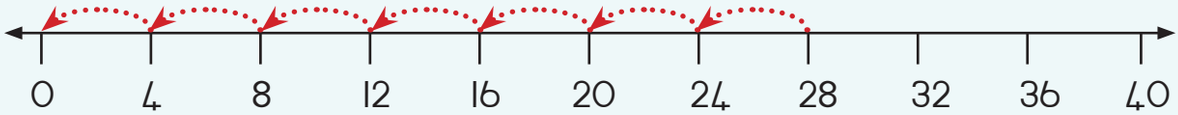
a.



21 – _____ = _____

☐ ÷ ☐ = _____

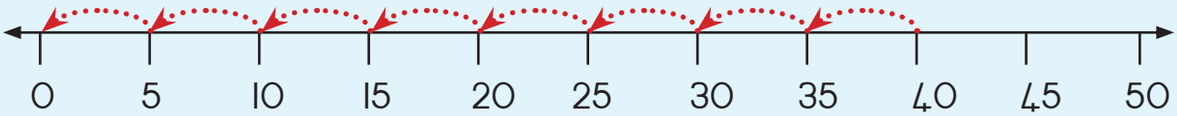
b.



28 – _____ = _____

☐ ÷ ☐ = _____

c.



___ – _____ = _____

☐ ÷ ☐ = _____

SIS NUM G3 B1 9781431500123.indb 70 2014/05/05 3:41 PM

4 Dvweba umugca-nombolo bese uyawusombulula.

a. 30 ÷ 5 =

b. 22 ÷ 2 =

c. 27 ÷ 3 =

d. 32 ÷ 4 =

e. 25 ÷ 5 =

5 **Insayeya**

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

Teacher:
Sign:
Date:

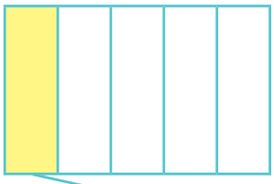
11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 71 2014/05/05 3:41 PM

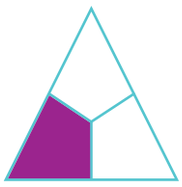
Lusuku:

Emafrakishini

Dvweba imigca kucondzanisa bunjwa nefrakhishini.

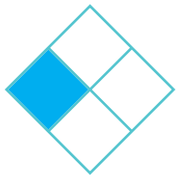


Incenye-ntsatfu yinye $\frac{1}{3}$



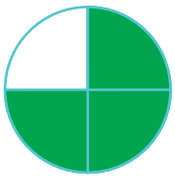
Incenye-sihlanu yinye $\frac{1}{5}$

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

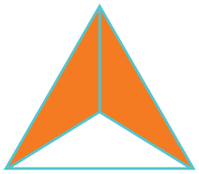


Ihhafu yinye $\frac{1}{2}$

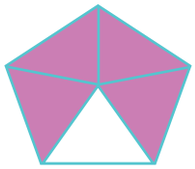
Emakota lamatsatfu $\frac{3}{4}$



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

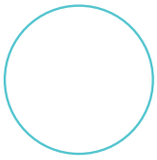


Kunye lokugcwele 1

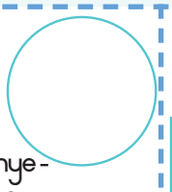


Incenye-mbili kukutsatfu $\frac{2}{3}$

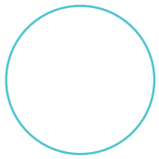
Hlukanisa bese ufaka umbala.



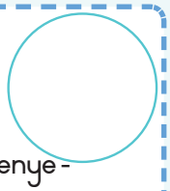
$\frac{1}{2}$ Ihhafu yinye



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

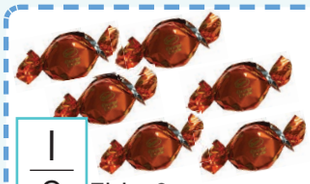


$\frac{1}{4}$ Ikota yinye



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

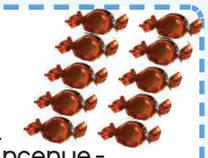
Khombisa lefrakshini ngekudvweba umugca ugegelete inombolo lengiyo yemaswidi.



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

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

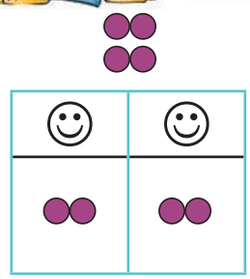
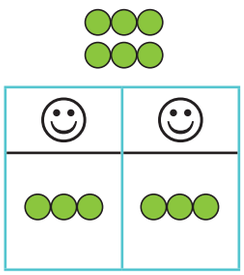
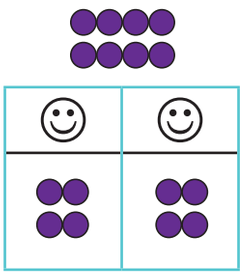
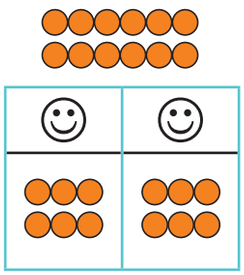
$\frac{1}{4}$ Ikota yinye



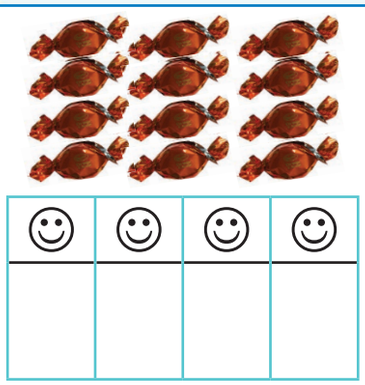
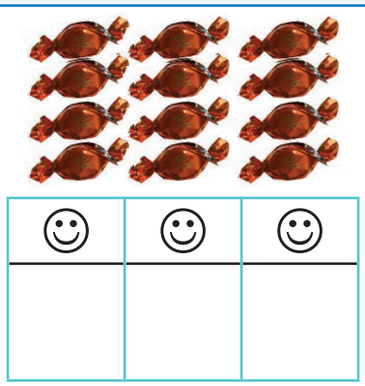
$\frac{1}{5}$ Incenye-sihlanu yinye

SIS NUM G3 B1 9781431500123.indb 72 2014/05/05 3:41 PM

Yabela bantfwana lababili tinsita kubala.

			
• Amunye wetfu utfole tinsita kubala letimbili. • Ihhafu yetibali leti-4.	• Amunye wetfu utfole tinsita kubala_____. • __ wa __ ngu __.	• Amunye wetfu utfole tinsita kubala _____. • __ wa __ ngu __.	• Amunye wetfu utfole tinsita kubala_____. • __ wa __ ngu __.
4 ÷ 2 = 2	___ ÷ ___ = ___	___ ÷ ___ = ___	___ ÷ ___ = ___

Yaba lamaswidi emkhatsini webantfwana.

	
• ikota emaswidi = 3 • emakota lamabili emaswidi = ___ • emakota lamatsatfu emaswidi = ___ • emakota lamane emaswidi = ___	• incenye-ntsatfu emaswidi = ___ • tincenye-ntsatfu timbili emaswidi = ___ • tincenye-ntatfu letintsatfu emaswidi = ___

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 73 2014/05/05 3:41 PM

Lusuku:

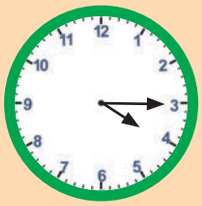
Sesikhatsi

Kwati sikhatsi

Singabhala 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.

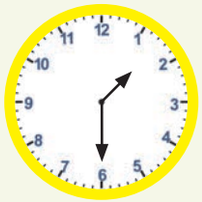
		
_____ _____	_____ _____	_____ _____

SIS NUM G3 B1 9781431500123.indb 74 2014/05/05 3:41 PM

2 Kuya ekhaya

Ngabe Ben utsatsa sikhatsi lesingakanani kufika ekhaya?

	imizuzu
	ema-awa



Ben usuka esikolweni.

Ben ufika ekhaya.

3 Sikhatsi siyabaleka

Sikhatsi ngaku-2 . . .

Mingakhi . . .

imizuzu kuma-awa lama-2? _____

ema-awa emalangeni lama-2? _____

emalanga emavikini lama-2? _____

tinyanga eminyakeni lemi-2? _____

4 Mangakhi emalanga?

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	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

Mabasa 27 Lilanga Lenkhululeko.

Inhlaba 16 Lilanga Lelusha.

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

b. Mangakhi emaviki laphelele sekahlangene? _____

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

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

Ngubani lomdzala? _____ Ngemalanga lamangakhi? ____

Buka. Catsanisa. Lungisa

Teacher:
Sign:
Date:

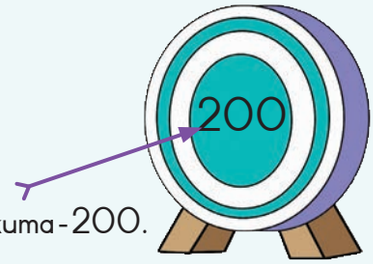
11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 75 2014/05/05 3:41 PM

Lusuku:

Hlosa kufika kuma-200

Bala letinombolo



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

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

Bhala letinombolo

a. Bhala inombolo lengekho kusikwele lesilingangane ngasinye.

b. Bhala tonkhe letinombolo letisele.

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

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

SIS NUM G3 B1 9781431500123.indb 76 2014/05/05 3:41 PM

3 Bhala tinombolo letisele

a.

200		180			
					110
50					
				0	

b.

87		107	
167			
		207	
			237

4 Cedzela

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

Bhala tinombolo ngekulandzelana kusukela kulencane kakhulu kuye kulenkhulu kakhulu.

_____

_____

_____

_____

_____

5 Bala uchubeke kusuka kuli-100

Bala loko lodzinga kukwenta kute utfole inombolo lelandzelako.

Kucala: 100 → +25 → 125 → ☐ → 129 → ☐ → 138 → ☐ → 145 → ☐ → 151 → ☐ → 157 → ☐ → 168 :Kuphela

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 77 2014/05/05 3:41 PM

Lusuku: .....

Kusebenta ngemacembu etinombolo

Kupakisha emakhandlela

Make Nkhosi usebenta enkapanini yemakhandlela.
Uma emakhandlela sekalungile, uwapakisha ngalendlela emabhokisini emashelufini.

Mangakhi emakhandlela ebhokisini ngalinye? _____

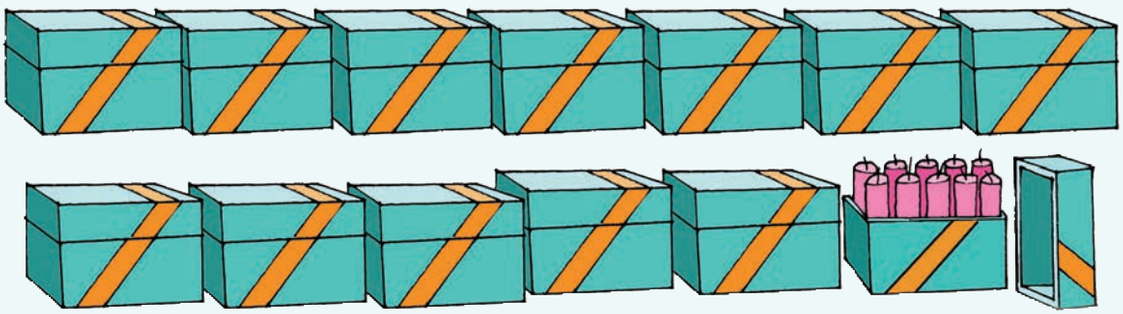
Mangakhi emabhokisi eshelufini ngalinye? _____

Mangakhi emakhandlela eshelufini ngalinye? _____

SIS NUM G3 B1 9781431500123.indb 78 2014/05/05 3:41 PM

Emabhokisi emakhandlela

Make Nkhosi uvala emabhokisi.



a. Bala onkhe emabhokisi.

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

b. Mangakhi emakhandlela ku:

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

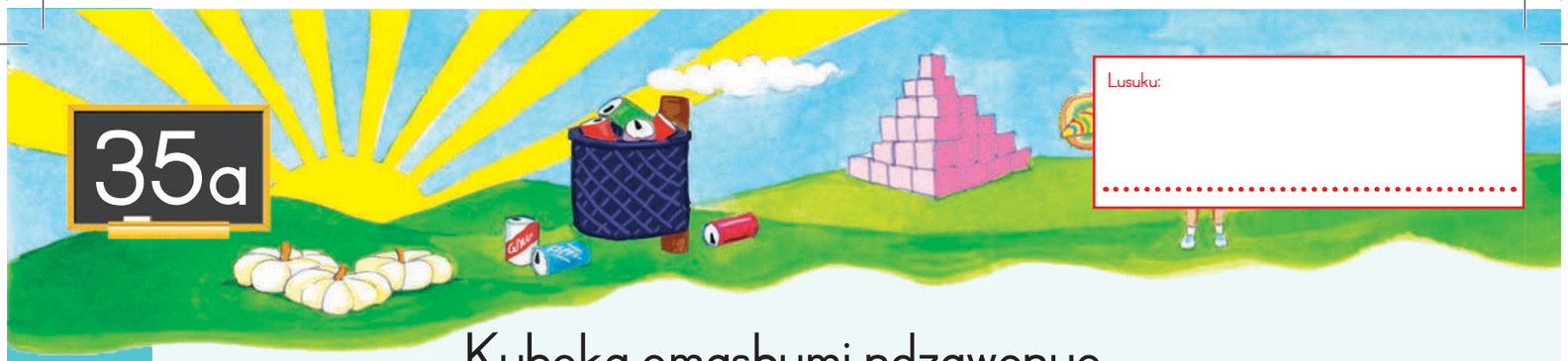
c. Mangakhi emabhokisi lawadzingela loku:

40 _____ emabhokisi	70 _____ emabhokisi
50 _____ emabhokisi	30 _____ emabhokisi

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 79 2014/05/05 3:41 PM



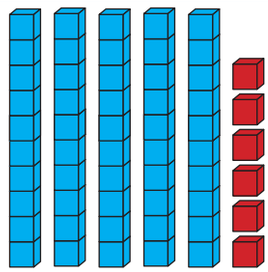
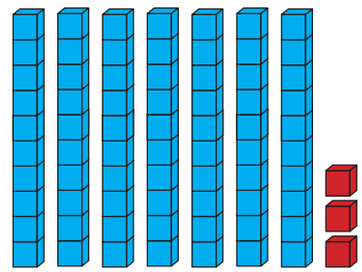
35a

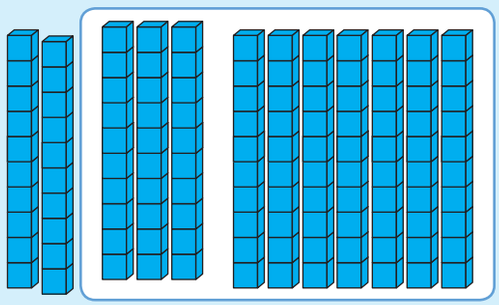
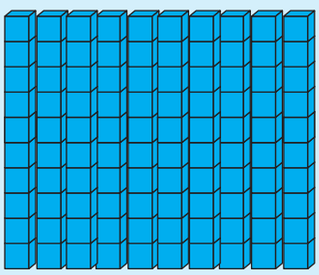
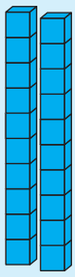
Lusuku:

Ithemu 2

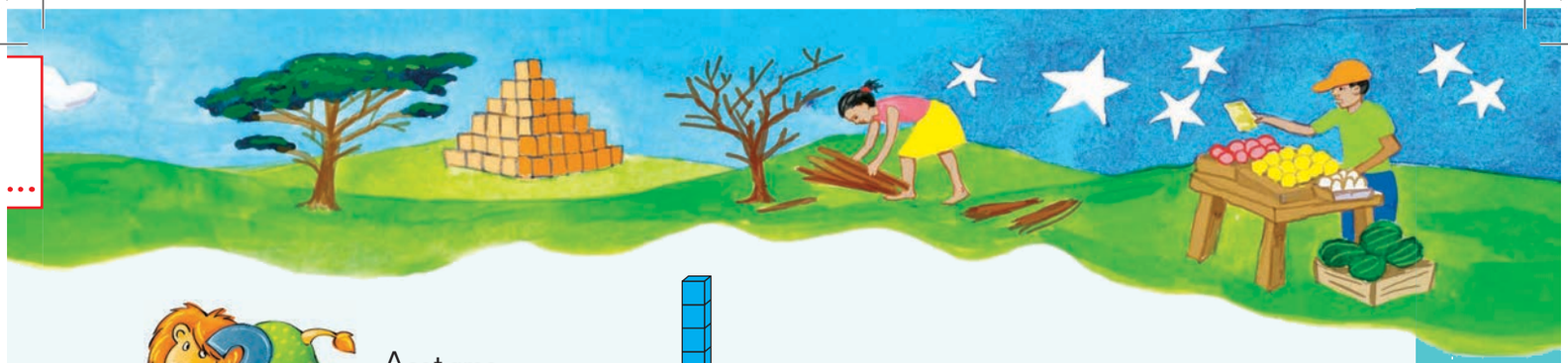
Kubeka emashumi ndzawonye neku siwehlukanisa

Kubeka emashumi ndzawonye uma sihlanganisa

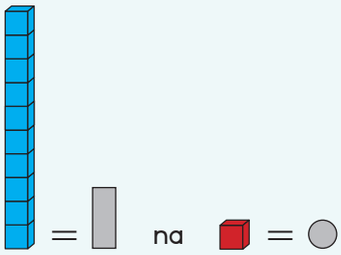
Asihlanganiseni 56 + 73 =		+	
	Emashumi lasi-5 nemayunithi lasi-6		Emashumi lasi-7 nemayunithi lama-3

100s	10s	1s
		
Sikanye sinemashumi lali-12. Singabeka emashumi lali-10 ndzawonye kwenta likhulu li-1.		
		

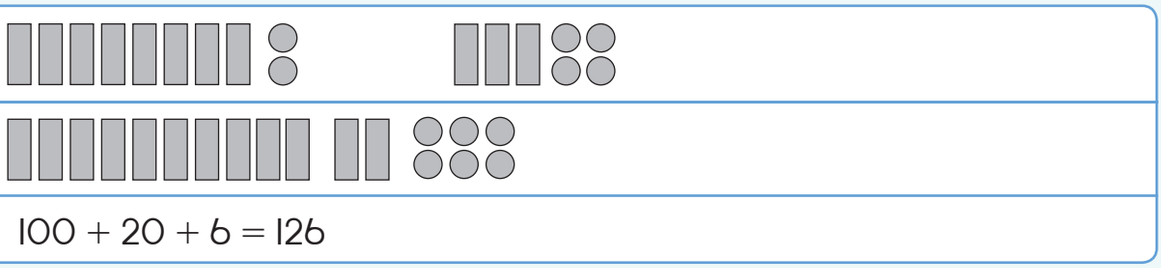
SIS NUM G3 B1 9781431500123.indb 80 2014/05/05 3:41 PM



Asetame.



Sibonelo: 82 + 34

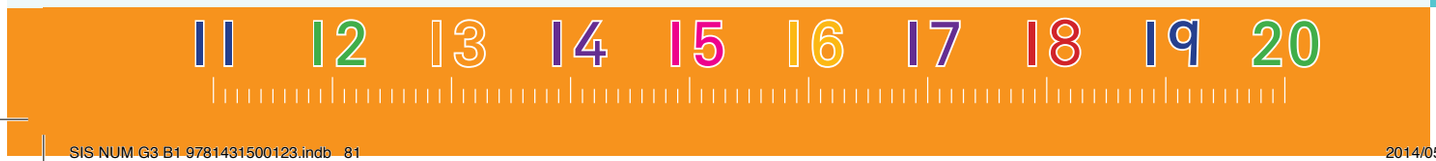


100 + 20 + 6 = 126

a. 65 + 52

b. 76 + 63

c. 86 + 65



SIS NUM G3 B1 9781431500123.indb 81 2014/05/05 3:41 PM

35b

Lusuku: .....

Kubeka emashumi ndzawonye neku siwehlukanisa (siyachubeka)

Beka emacembu ndzawonye

Sebentisa emabhuloki endzawo yenombolo akho.

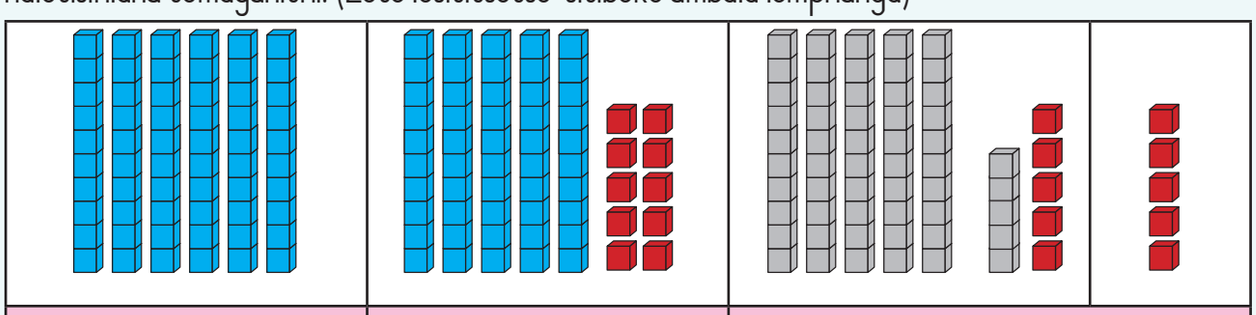
Sebentisa emabhuloki endzawo yelishumi kwenta letinombolo letimbili.	Sekukonkhe mangakhi emashumi? Mangakhi emayunithi?	Ngabe ubeke ndzawonye emashumi nobe emayunithi? Buka bungako bendzawo lapho uphindze wabeka ndzawonye khona.	Bhala lenombolo.
23 + 99 =	_____ emashumi _____ emayunithi	11 emashumi + 12 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.

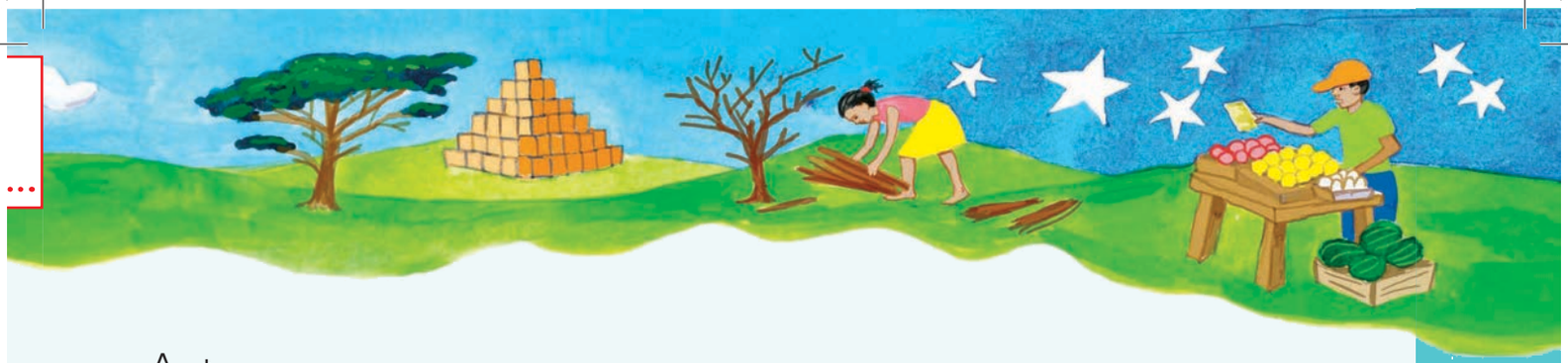
Asinciphise: 60 – 55 =

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



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

SIS NUM G3 B1 9781431500123.indb 82 2014/05/05 3:41 PM



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	

Lusuku:

Kuvakashela dokotela wematinyo

Licembu lebantfwana livakashela dokotela wematinyo.

Loku nguloku bantfwana labamtjela kona. = 1 sikhatsi

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

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

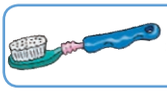
Kanye ngelilanga	
Kabili ngelilanga	
Katsatfu ngelilanga	

b. Yini longayisho?

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

SIS NUM G3 B1 9781431500123.indb 84 2014/05/05 3:41 PM

2 Dvweba igrafusitfombe lekhomba kutsi bantfwana bacubha kangakhi ngelilanga.

 = sikhatsi si-1

3 Yenta luhlwayo ekilasini lakho. Buta 15–20 webafundzi.

a. Bawacubha kangakhi ematinyo abo ngelilanga?_____

b. Dvweba igrafusitfombe lenjengalena lengetulu kukhombisa imiphumela yeluhlwayo lwakho.

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 85 2014/05/05 3:41 PM

37a

Lusuku:

Yengeta uphindze uhlanganise

Bhala sibalo sakho

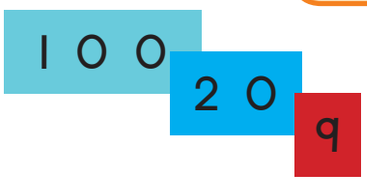
Busi angahlanganisa emayunithi nemashumi futsi aphindze awabeke ndzawonye. Angahlanganisa aphindze asuse ephepheni, ngaphandle kwemabhuloki. Ngalesinye sikhatsi utsandza kucala ngemakhadi etinombolo akhe kukhombisa tinombolo.

Ngako-ke ngesibalo 56 + 73, utfola lamakhadi:

Uhlanganisa lamayunithi emva kwaloko ubeka phasi likhadi le-9

Uyati: 50 + 70 = 120.

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



kwenta inombolo yemadijithi lama-3

Ubhala ngalendlela:

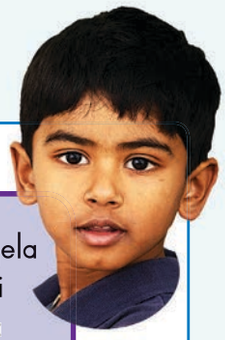
50 + 70 + 6 + 3

= 50 + 70 + 9

= 120 + 9

= 100 + 20 + 9

= 129



Dumi uyati kutsi emabhuloki asebenta njani.

Ubala 56 + 73 kanje:

50 + 6 + 70 + 3

120 + 9

= 129

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

56 + 73

= 50 + 70 + 10 – 1

= 130 – 1 = 129

SIS NUM G3 B1 9781431500123.indb 86 2014/05/05 3:41 PM

Ase utetamele nawe. Yenta sibalo ngasinye ngetindlela letimbili.

a. 86 + 62

Indlela ya Busi

80 + 60 + 6 + 2

Indlela ya-Dumi

80 + 6 + 60 + 2

b. 95 + 73

c. 81 + 57

d. 69 + 71

Sebentisa indlela ya-Aakar kwenta loku.

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 87 2014/05/05 3:41 PM

37b

Lusuku: .....

Yengeta uphindze uhlanganise (siyachubeka)

Nyalo-ke ase sisuse.

a. 87 – 53

Indlela ya Busi

80 – 50 + 7 – 3

= 30 + 4

= 34

Indlela ya-Dumi

80 + 7 – 50 + 3

= 30 + 4

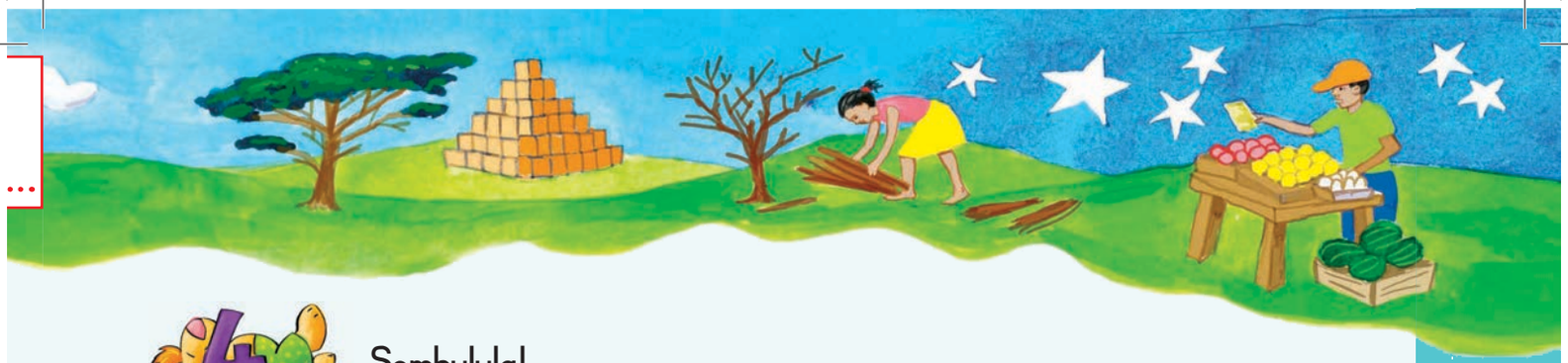
= 34

b. 95 – 73

c. 86 – 62

d. 85 – 69

SIS NUM G3 B1 9781431500123.indb 88 2014/05/05 3:41 PM



4 Sombulula!

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

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

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

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 89 2014/05/05 3:41 PM

Lusuku:

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?

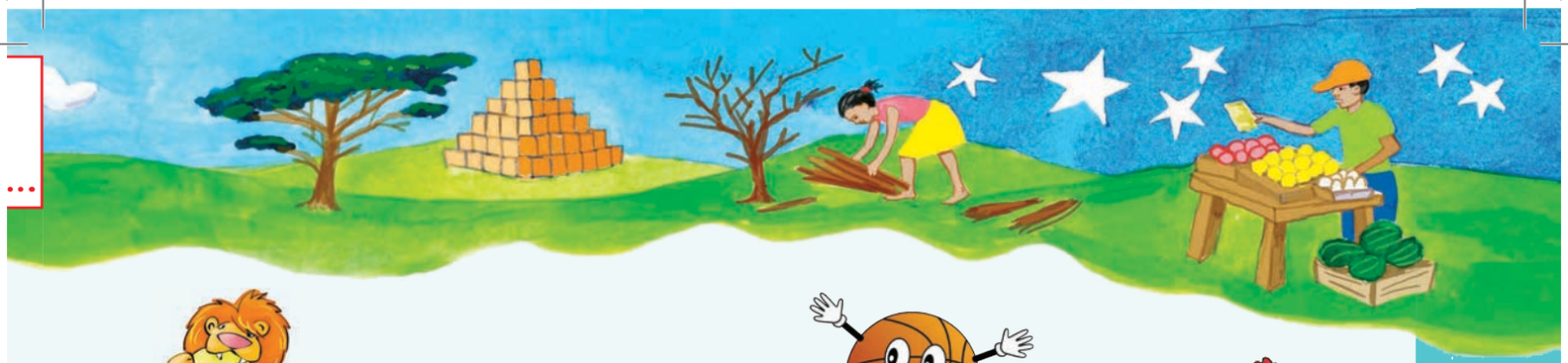
Ikhonsathi yasesikolweni

Musa

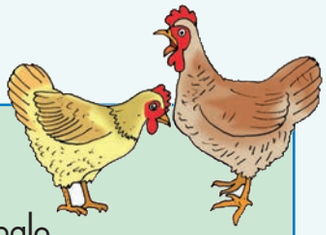
Musa utsengisa emathikithi. Bekanemathikithi langema-92 ekucala ngawo.
Usele nalangema-67. Mangakhi emathikithi lase awatsengisile?

1 2 3 4 5 6 7 8 9 10

SIS NUM G3 B1 9781431500123.indb 90 2014/05/05 3:41 PM



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	Indlela ya Aakar
60 + 90 + 9 + 5 = 100 + 50 + 14 = 150 + 10 + 4 = 164	69 + 95 = 70 + 95 − 1 = 70 + 90 + 5 − 1 = 160 + 4 = 164

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

Sebentisa indlela 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:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 91 2014/05/05 3:41 PM

39

Lusuku: .....

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.

220 → −15 → 205 → −5 → ☐ → −10 → ☐ → −20 → ☐ → −20 → ☐ → −5 → ☐ → −5 → ☐ → −10 → ☐ → −15 → ☐ → −10 → ☐ → −5 → 100

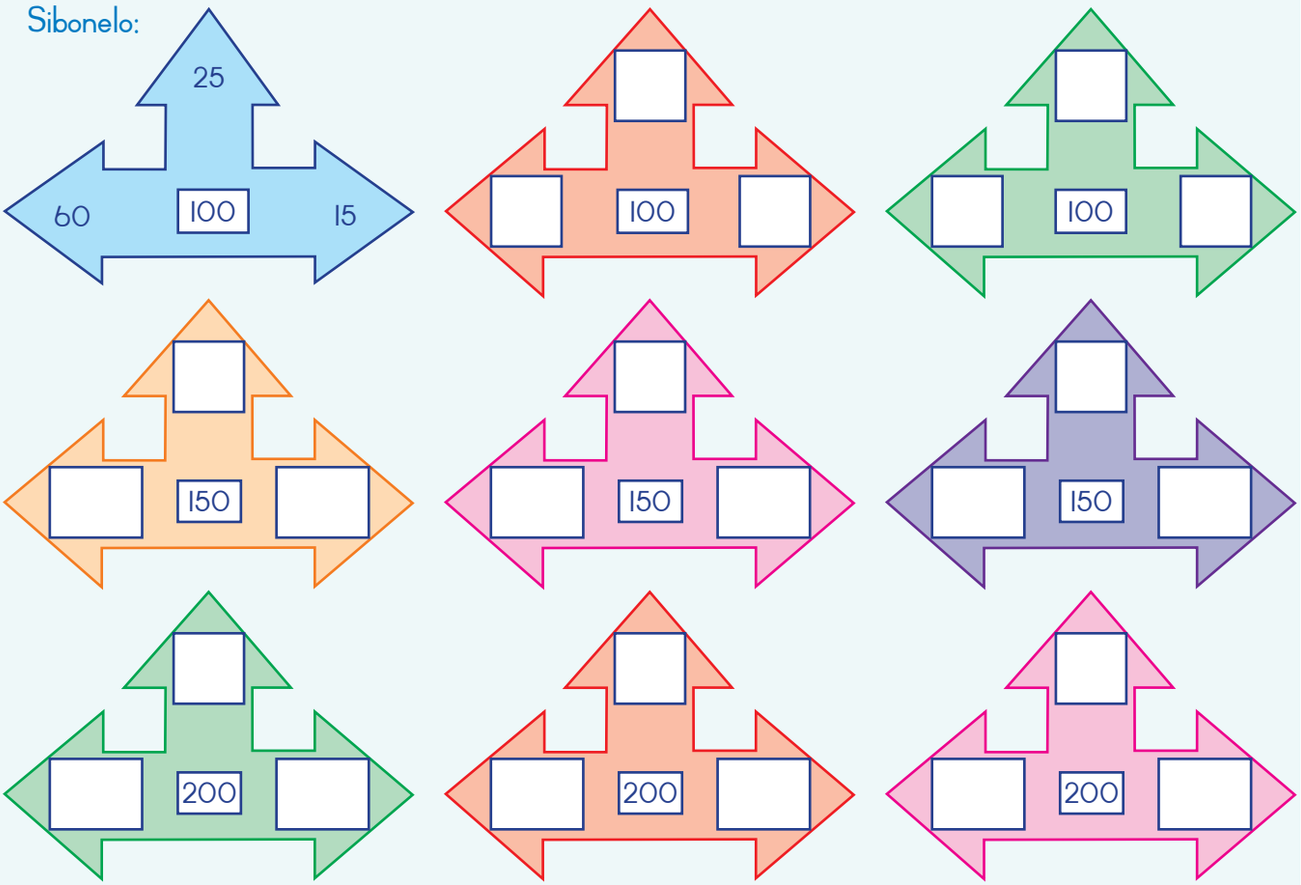
Nayi indlela yekuhlola timphendvulo takho. Cala ku-100. Sebenta ubuyele emuva kuma-220. Kodvwa nyalo, yengeta letinombolo.

SIS NUM G3 B1 9781431500123.indb 92 2014/05/05 3:41 PM

Imindeni yalabatsatfu

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

Sibonelo:



Ema-50 ngetulu nema-50 ngaphasi

Bhala timphendvulo kuluhlu lwesi-2.

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

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 93 2014/05/05 3:41 PM

40

Lusuku: .....

Kukala ngemasentimitha

Ngabe lisentimitha lingakanani?

Letinombolo kurula timele emasentimitha.

Sisebentisa lesinciphiso nobe luphawu lwa-cm.

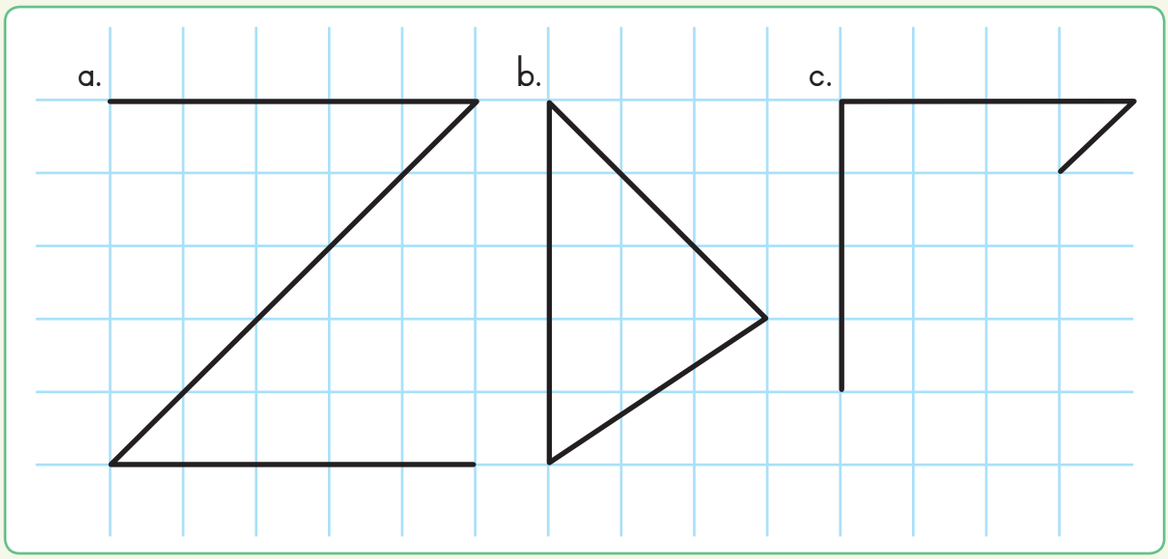
Uma usebentisa irula, kumele ucale kulinganisa kuli-0.

Lamanye emarula akakhombisi leli-0 njengalena lekulelikhasi.

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

Ukuphi 10 cm kulerula? Bhala 10 lapho.

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



a. Linganisa		cm	b. Linganisa		cm	c. Linganisa		cm
Kala		cm	Kala		cm	Kala		cm

SIS NUM G3 B1 9781431500123.indb 94 2014/05/05 3:41 PM

3 Mudze ngakanani umugca munye?

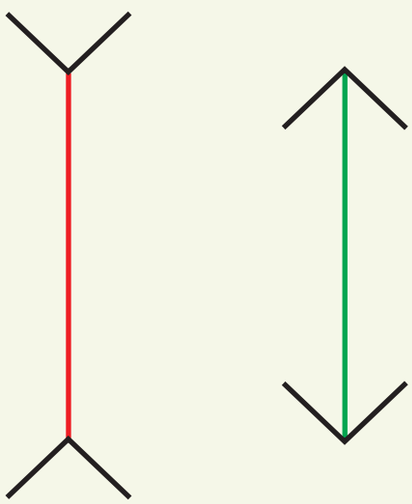
Ngabe umugca mudze ngema-cm lamangakhi?
Sebentisa umunwe kusisita kuncuma.

a.	cm	d.	cm
b.	cm	e.	cm
c.	cm	f.	cm

4 Ngabe ucinisekile?

Ngumuphi lomudze, umugca lobovu nobe loluhlata?

Ungahlola njani?



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

Teacher:
Sign:
Date:

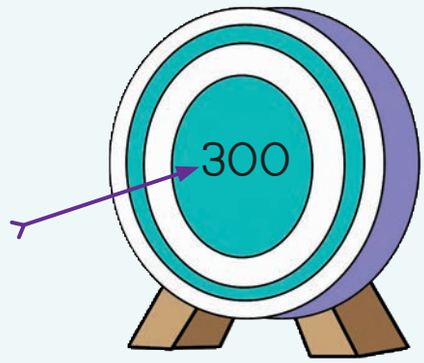
11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 95 2014/05/05 3:41 PM

Lusuku:

Umgomo 300

Bala futsi ubhale ema-200



Bala kusuka kuma-201 kuye kuma-300.

Khomba njengobe uhamba.

Emva kwaloko gcwalisa tinombolo letilingangane kucala.

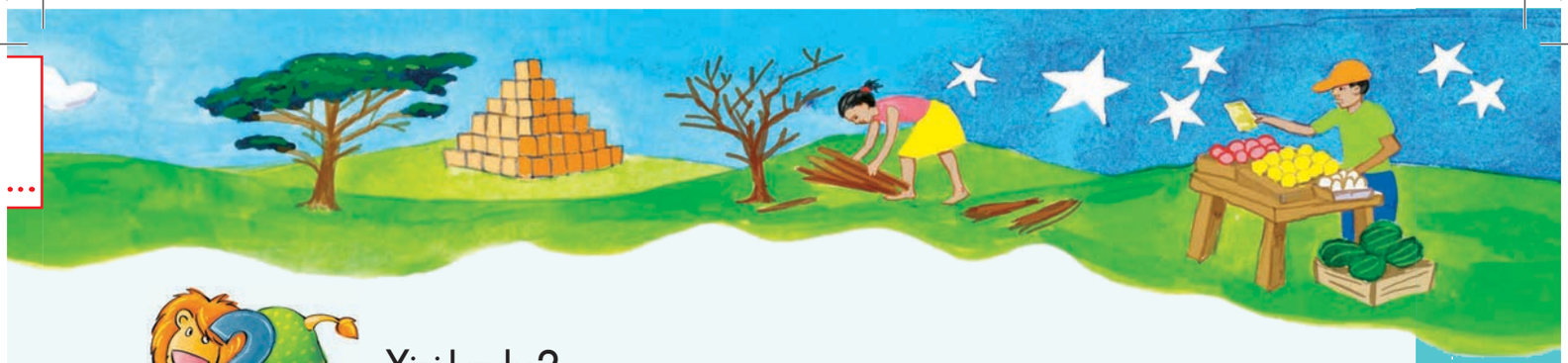
Sale ubhala tonkhe letinye tinombolo.

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

Bhala letinombolo letili-10 letilandzelako emva kwema-300.

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

SIS NUM G3 B1 9781431500123.indb 96 2014/05/05 3:41 PM



2 Yini luzubo?

301		281					
			171				211
						101	

3 Kukhombisa nekucatsanisa.

a. Bhala letinombolo letingena ekhadini ngalinye.

298;	208;	301;	276;	227;	269;	311
200						
90						
8						

b. Bhala tinombolo ngeluhla kusukela kulencane kuya kulenkhulu kakhulu.

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

4 Yini ingucuko? Bhala letinombolo letishiyekile.

Kucala: 200 → +25 → 225 → ☐ → 237 → ☐ → 249 → ☐ → 261 → ☐ → 278 → ☐ → 286 → ☐ → 300 :Kuphela

Teacher:
Sign:
Date:

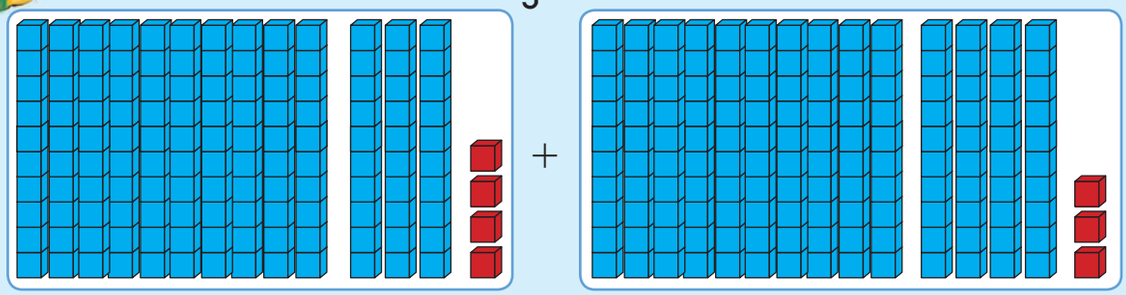
11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 97 2014/05/05 3:41 PM

Lusuku:

Kuhlanganisa nekususa ngabo100

Kusebentisa emabhuloki kuhlanganisa



100 30 4 + 100 40 3

= 200 70 7

= 277

Landzela letindlela letimbili. Khombisa imphendvulo ngayinye ngetindlela letimbili.

a. 132 + 123

Indlela ya Busi

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

= 200 + 50 + 5

= 255

Indlela ya-Dumi

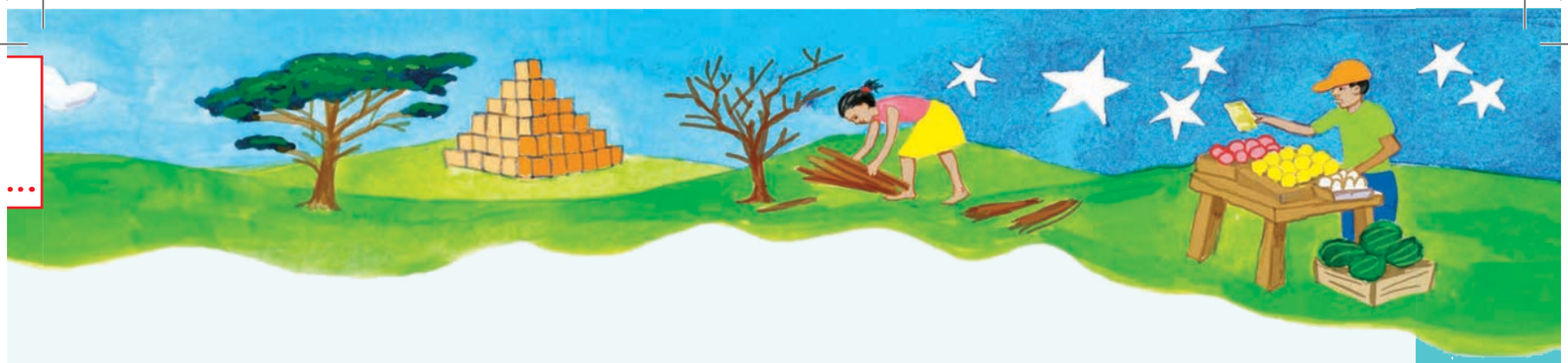
132 + 123

= 200 + 50 + 5

= 255

b. 114 + 162

SIS NUM G3 B1 9781431500123.indb 98 2014/05/05 3:41 PM



c. 276 + 148

Bukisisa indlela ngayinye. Yenta sibalo ngasinye ngetindlela letimbili.

a. 158 – 146

Indlela ya Busi

= 100 – 100 + 50 – 40 + 8 – 6

= 0 + 10 + 2

= 12

Indlela ya-Dumi

158 – 146

= 0 + 10 + 2

= 12

b. 194 – 122

c. 288 – 199

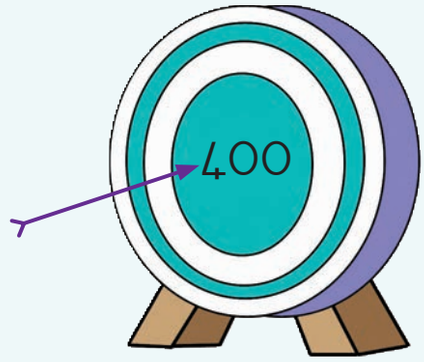
11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 99 2014/05/05 3:41 PM

Lusuku:

Umgomo 400

Kubala nekubhala ngema-400



Bala kusuka kuma-300 uye kuma-400

Shano tinombolo usachubeka.

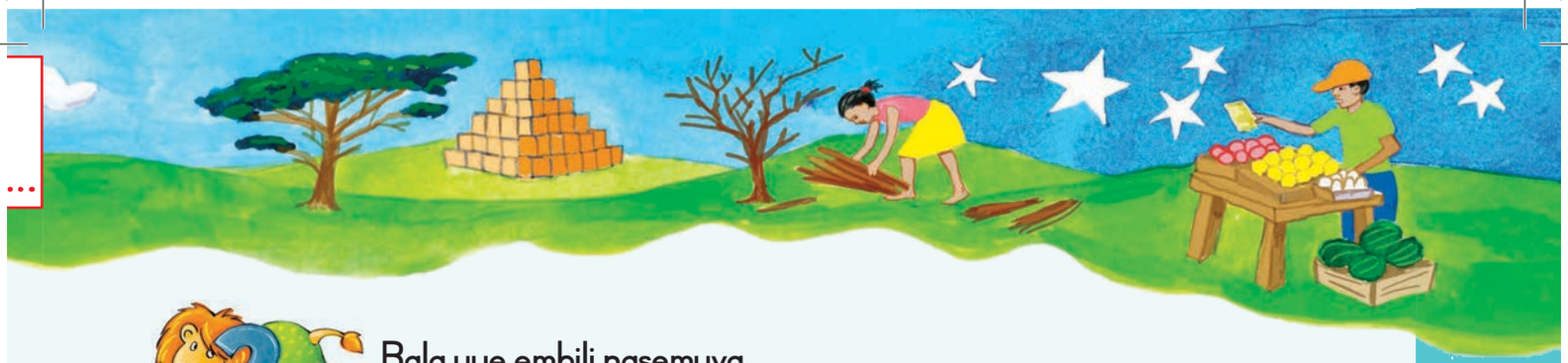
Bhala tinombolo letishiyiwe kulegridi.

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

Bhala tinombolo letiyi-9 emva kwema-400.

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

SIS NUM G3 B1 9781431500123.indb 100 2014/05/05 3:41 PM



2 Bala uye embili nasemuva.

a. Kubala uye embili ngemashumi usuka kuma-300

Kucala 300 → +10 → ☐ → +10 → ☐ → +10 → ☐

44

Lusuku: .....

Kukala

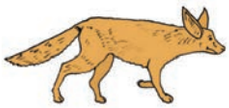
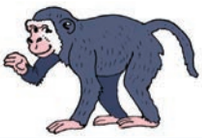
Inombolo lekhetsekile

Hlanganisa uphindze ubhale timphendvulo.

78 kg	+ 14 kg	+ 5 kg	97 kg
96 kg			
84 kg			
66 kg			
94 kg			

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.

_____

1 2 3 4 5 6 7 8 9 10

SIS NUM G3 B1 9781431500123.indb 102 2014/05/05 3:41 PM

Hlanganisa lesisindvo sato.

Kungenteka ngingasindzi njengawe Lufudvu loludzala, kodvwa ngiyakwendlula ngelitubane!

Tinyatselo

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

	Ngiyalinganisa	Ngiyabala	Umehluko
+			
+ +			
+ +			

Buka. Catsanisa. Lungisa.

Sisindvo saVusi

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

Sitsini sami sisindvo?

Dlalani ngemacembu. Ntjintjanani...

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

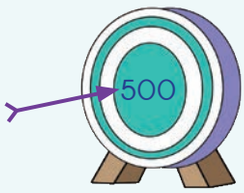
SIS NUM G3 B1 9781431500123.indb 103 2014/05/05 3:42 PM

45

Lusuku:

Umgomo 500

Bala uphindze ubhale



									400
401				405					410
411									420
	422					427			
			434						
					446				
							458		
	462								470
		473				477			
481									490
								499	500

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

b. Bhala tinombolo letingekho kugridi.

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

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

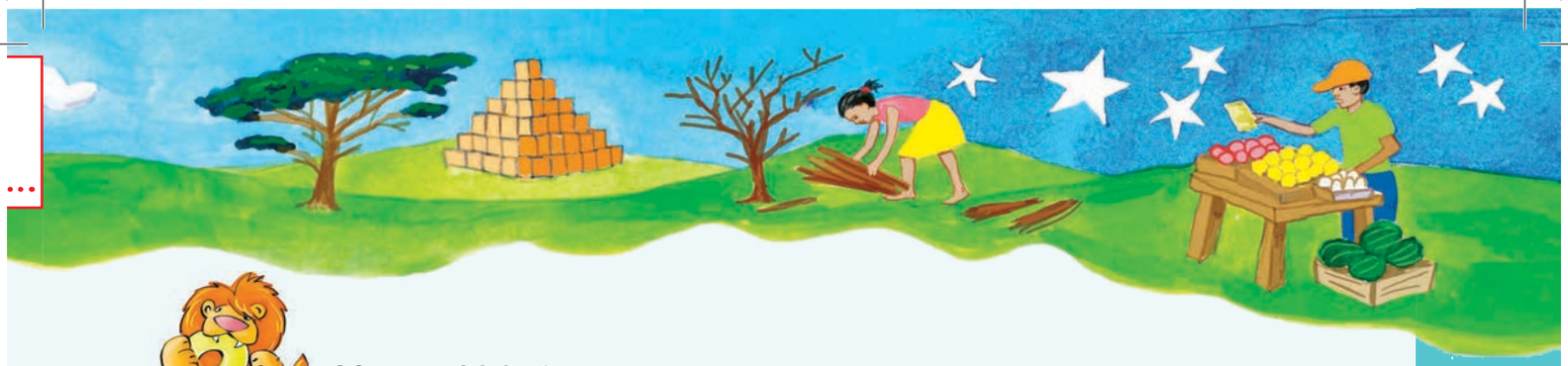
d. Bala ngaku-2. Bhala tinombolo letisi-8 letilandzelako ngephethini yabo-2.

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

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

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

SIS NUM G3 B1 9781431500123.indb 104 2014/05/05 3:42 PM



3 Yini umehluko?

a. Balela embili kusuka kuma-400.

Kucala: 400 → +20 → [ ] → +30 → [ ] → +10 → [ ] → +10 → [ ] → +20 → [ ] → +10 → [ ] → +50 → [ ] → Kuphela

b. Balela emuva kusuka kuma-500.

Kucala: 500 → −2 → 498 → [ ] → 496 → [ ] → 494 → [ ] → 484 → [ ] → 474 → [ ] → 454 → [ ] → 434 → [ ] → 414 → [ ] → 404 → [ ] → 402 → [ ] → 400 Kuphela

4 Khombisa letinombolo. Landzela lesibonelo.

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

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

398+10		
424+10		
460+20		

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 105 2014/05/05 3:42 PM

Lusuku:

Kuhlanganisa nekususa

Yini lokubonako?

200 50 4 200 30 5	400 80 9	489

Sitawuphindze sisebentise indlela yaBusi naDumi kwengeta.

a. 245 + 231

Indlela yaBusi

= 200 + 200 + 40 + 30 + 1

= 400 + 70 + 1

= 471

Indlela ya-Dumi

245 + 231

= 400 + 70 + 6

= 471

b. 278 + 136

c. 265 + 148

SIS NUM G3 B1 9781431500123.indb 106 2014/05/05 3:42 PM

2 Sitawusebentisa indlela yaBusi naDumi kunciphisa.

a. 476 – 324

Indlela yaBusi

= 400 – 300 + 70 – 20 + 6 – 4

= 100 + 50 + 2

= 152

Indlela ya-Dumi

476 + 324

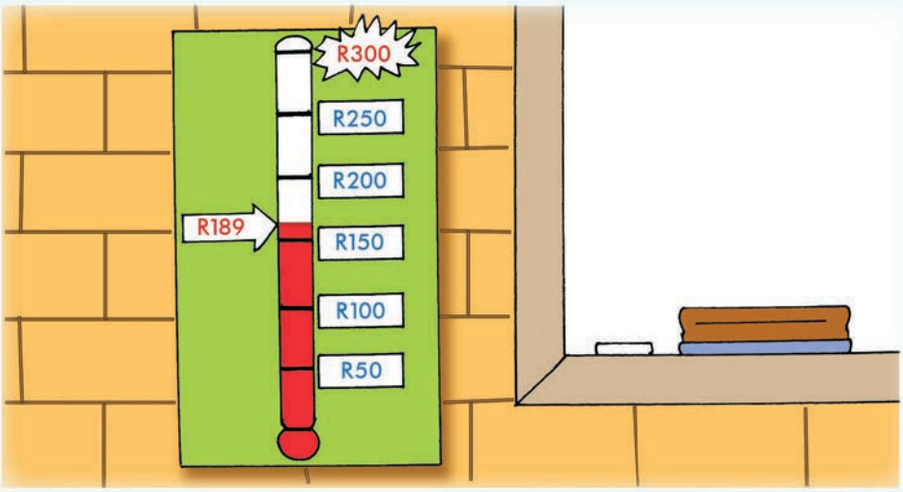
= 100 + 50 + 2

= 152

b. 489 – 456

c. 482 – 161

3 Kushaya inkoyoyo



Bukisisa lesitfombe.

Kusele kanganani ushaye inkoyoyo? R

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 107 2014/05/05 3:42 PM

47

Lusuku: .....

Lolonga lwati lwakho

Intsaba leyimfihlo

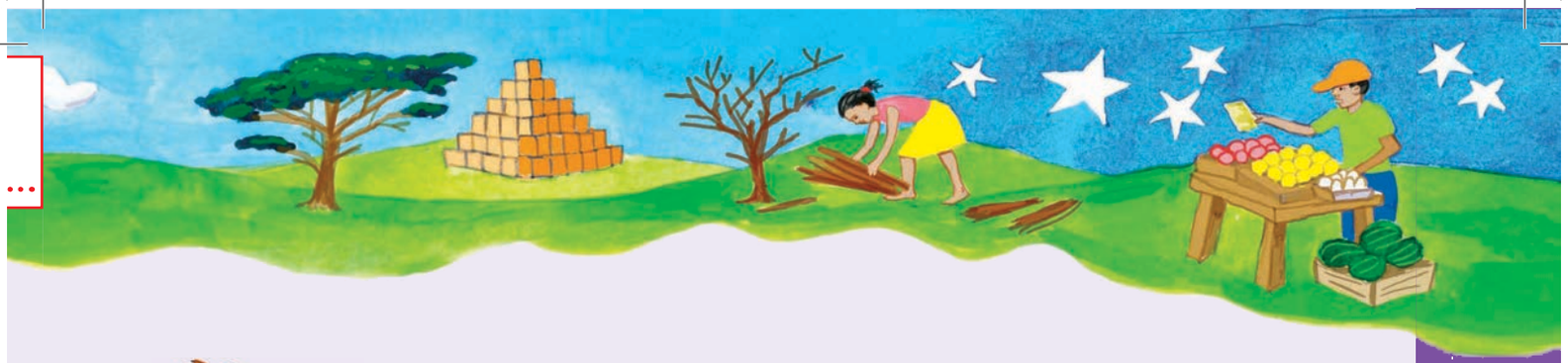
Yini ligama lentsaba lenkhulu eGauteng? Sebentisa lekhodi kutfola.
Condzanisa imphendvulo ngayinye ethebuleni eluhlavini lolukukhodi.

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

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

Ligama lentsaba yi

SIS NUM G3 B1 9781431500123.indb 108 2014/05/05 3:42 PM



2 Buka! Cabanga, futsi uphendvule!

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

a.

Lutawuba njani luphawu lwa-16? Faka luphawu (✓) loku lokunguko. ✷ ⊙ ☾

Lutawuba njani luphawu lwa-18? Faka luphawu (✓) loku lokunguko. ✷ ⊙ ☾

Lutawuba njani luphawu lwa-23? Faka luphawu (✓) loku lokunguko. ✷ ⊙ ☾

b.

Nombolo 50 utawuba ✷. Liciniso nobe Akusilo liciniso?

Nombolo 100 utawuba ⊙. Liciniso nobe Akusilo liciniso?

Nombolo 28 utawuba ☾. Liciniso nobe Akusilo liciniso?

3 Ngukuphi lokungetulu?

Hlola. Catsanisa. Lungisa.

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

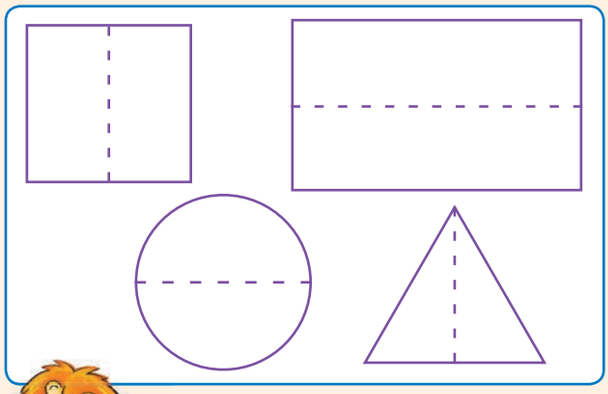
SIS NUM G3 B1 9781431500123.indb 109 2014/05/05 3:42 PM

48

Lusuku:

Umugca-sibuko

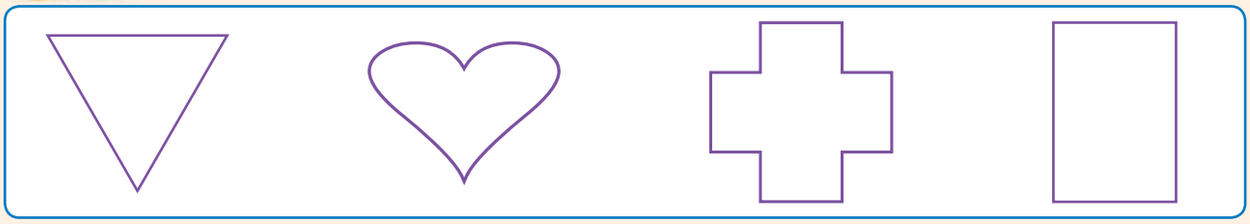
Yini lokunakako ngalabobunjwa?



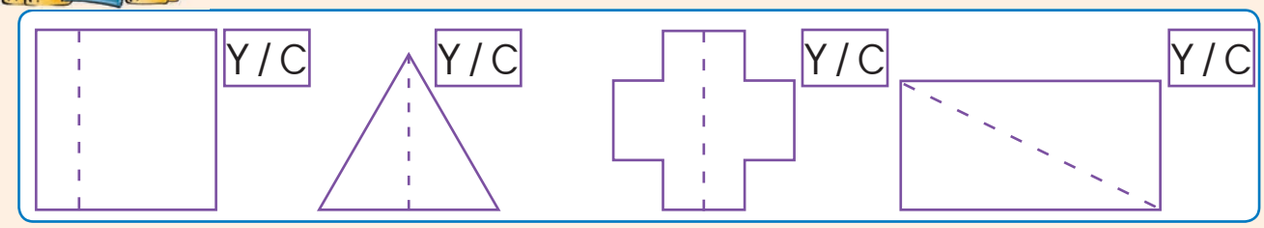
Umugca wesitfunti-mafanana ubhukula emkhatsini bohhafu lababili kwente kutsi ihhafu iyinye ifanane ncwe naleya lenye njengesitfunti esibukweni.

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

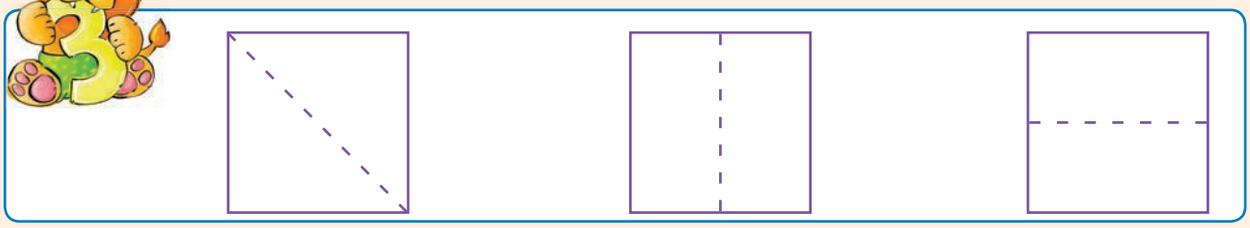
Dvweba umugca wesitfunti-mafanana waloyo naloyo bunjwa.



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



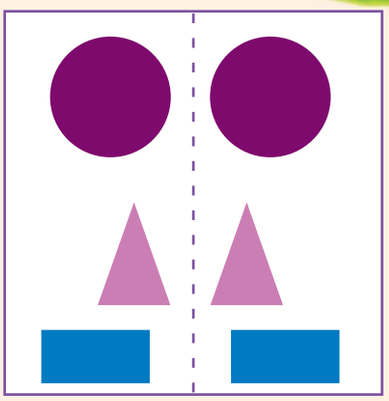
Ngabe nguwo umkhatsi-layini locondzile lo? Usho ngani?



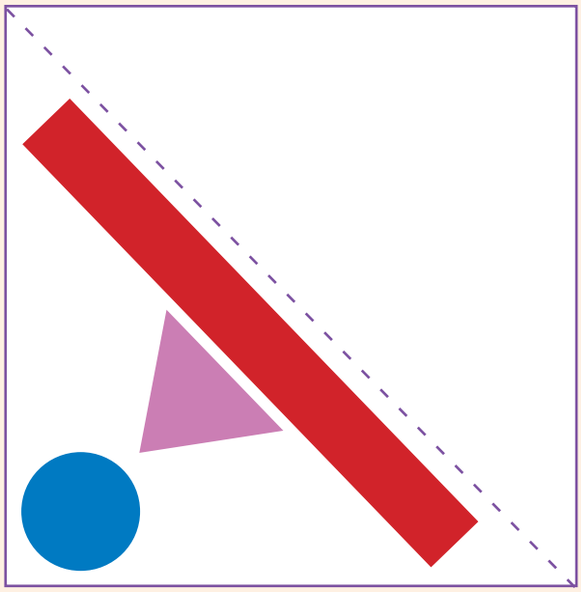
SIS NUM G3 B1 9781431500123.indb 110 2014/05/05 3:42 PM

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

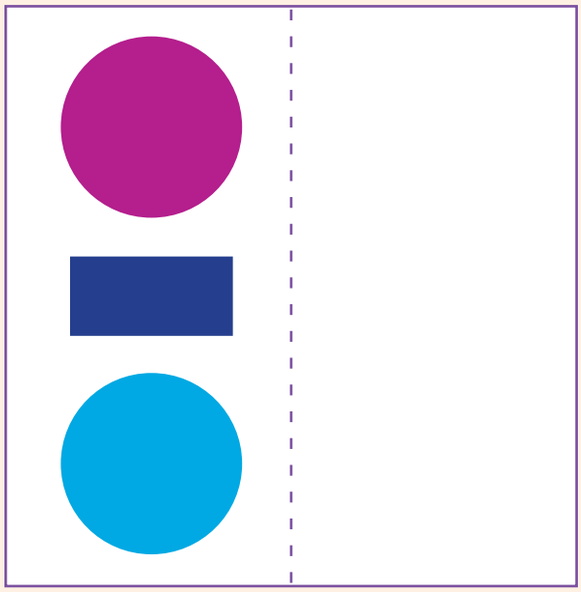
a.



b.



c.



Yakha lakakho licansi letitfunti-mafanana usebentise bobunjwa.

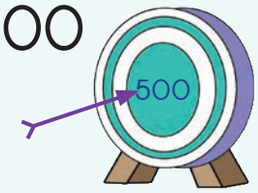
11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 111 2014/05/05 3:42 PM

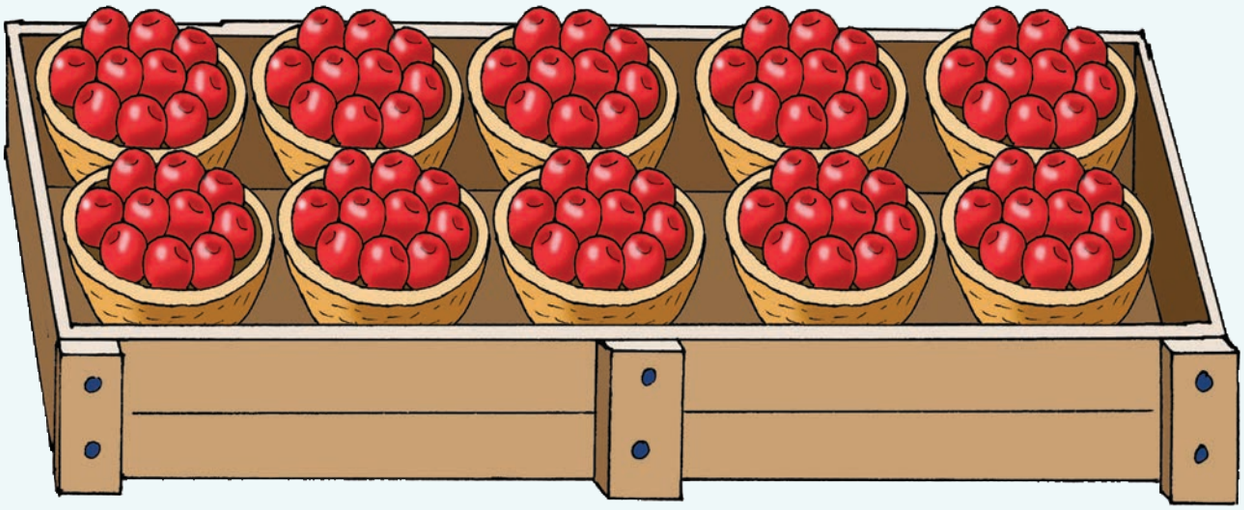
49

Lusuku: .....

Kwakha kufika kuma-500



Kubala lamahhabhula

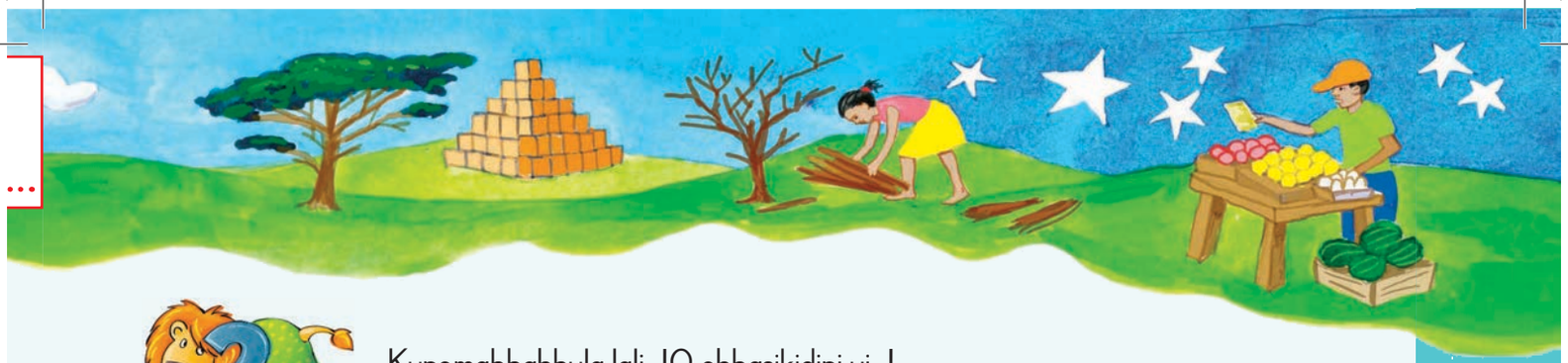


Cedzela bese uyaphindzaphindza.

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

1 likasi licukatsa 100 wemahhabhula.	2 wemakasi acukatsa ____ wemahhabhula.
3 wemakasi acukatsa ____ wemahhabhula.	4 wemakasi acukatsa ____ wemahhabhula.
5 wemakasi acukatsa ____ wemahhabhula.	2 hhafu wemakasi ucukatsa ___emahhabhula.

SIS NUM G3 B1 9781431500123.indb 112 2014/05/05 3:42 PM

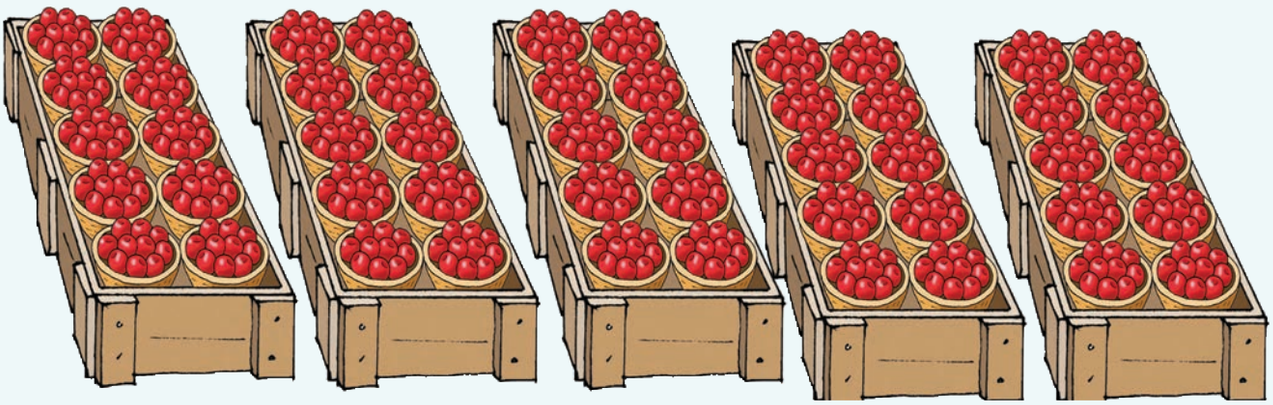


Kunemahhabhula lali-10 ebhasikidini yi-1.

Kuna _____ wemabhasikidi ekasini linye.

Kuna _____ wemahhabhula ekasini linye.

Mangakhi emahhabhula sekawonkhe? _____



Bala, ukhombise futsi ubhale

300 40 5

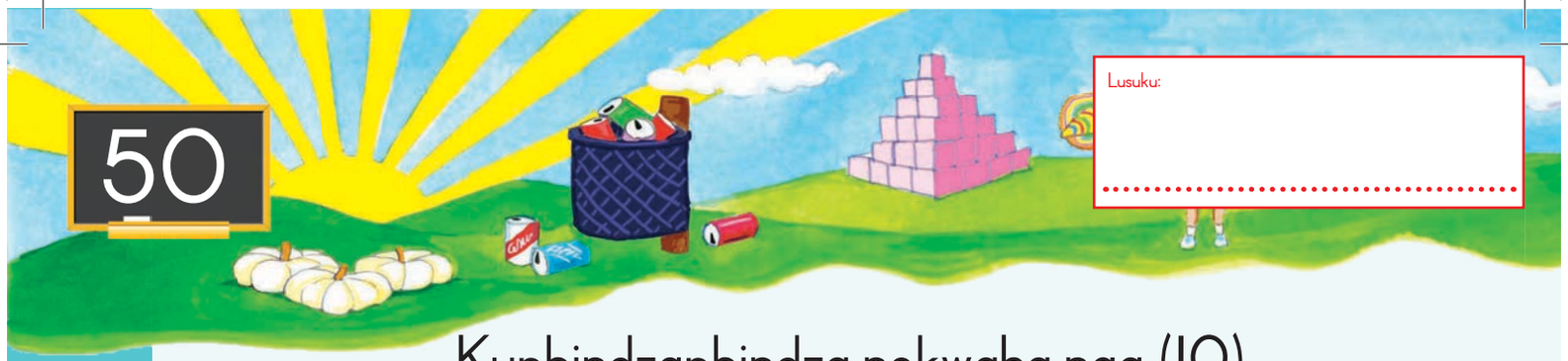
Kwekucala sebentisa emakhadi etinombolo kukhombisa ithothali ngayinye.
Emva kwaloko bhala lenombolo.

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 113 2014/05/05 3:42 PM



50

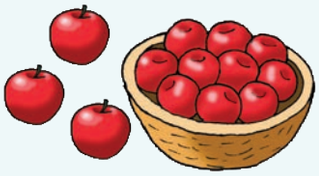
Lusuku:

Kuphindzaphindza nekwaba nga (10)

Kubala emahhabhula.

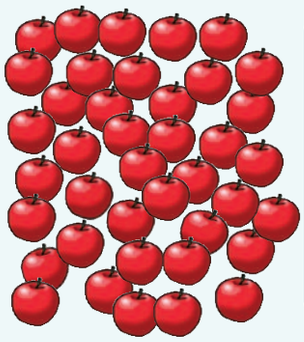
Gcwalisa lelithebula.

Mangakhi emabhasikidi lacukatsa emahhabhula?



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

a. Yabela bantfwana emahhabhula. Yenta sibalo sekwaba nesekuphindzaphindza kuhlolisisa inphendvulo yakho.



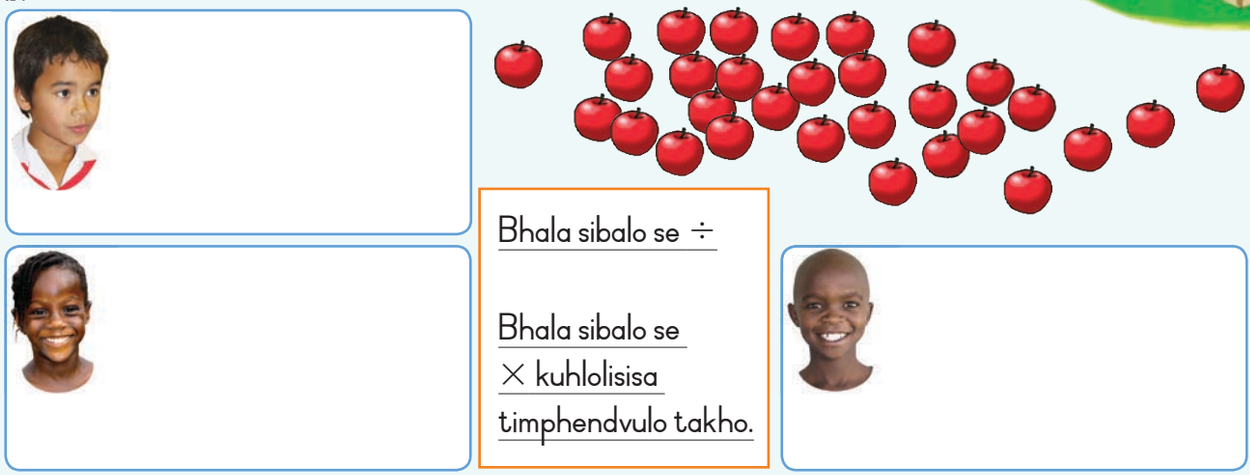
Hlola timphendvulo takho

☐ ÷ ☐ = ☐

☐ × ☐ = ☐

SIS NUM G3 B1 9781431500123.indb 114 2014/05/05 3:42 PM

b.



Bhala sibalo se ÷

Bhala sibalo se × kuhlolisisa timphendvulo takho.

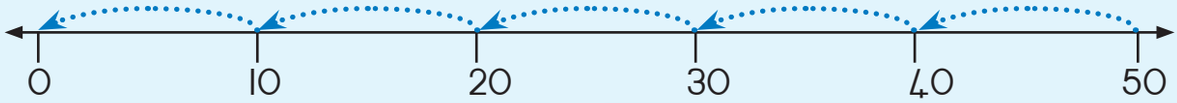
Sebentisa letinombolo kwenta yakho imishonombolo.

Imishonombolo

÷	40 ÷ 10 = 4

×	4 × 10 = 40

a.

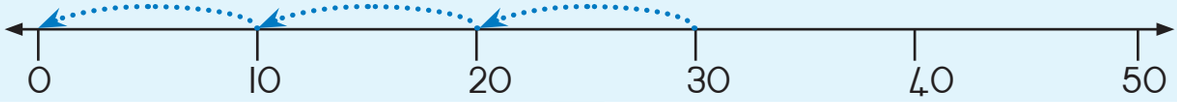


÷		×	

b.

÷		×	

c.



÷		×	

Bhala inombolo lencane nga 10 nalenkhulu nga 10 kunaleyo leniketiwe.

_____, 460, _____	_____, 390, _____	_____, 500, _____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 115 2014/05/05 3:42 PM

Lusuku:

Bala ngaku-2

Balela phambili ngaku-2 nasemuva.

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

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

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

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

Emapheya emagilavu

a. Mangakhi emapheya emagilavu kuluhlu lunye? _____

b. Mangakhi emagilavu lahamba ngalinye kuluhlu lunye? _____

c. Tingakhi tinhlu? _____

d. Mangakhi emagilavu sekawonkhe? _____

e. Khombisa kutsi ubale njani.

f. Bhala imphendvulo yakho njengemushonombolo.

_____ × _____ = _____

SIS NUM G3 B1 9781431500123.indb 116 2014/05/05 3:42 PM

Mangakhi emagilavu?

Bhala kumathebula.

a.

Lipheya	1	10	5	50	4	40	3	30	100
Linani lemagilavu	2								

b.

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

Bala ngakubili.

a. Nguyiphi inombolo leba semkhatsini waleti?

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

b. Bhala tinombolo letimbili letilandzelako.

373, 375, 377, 379	480, 482, _____, _____,	262, 264, _____, _____,

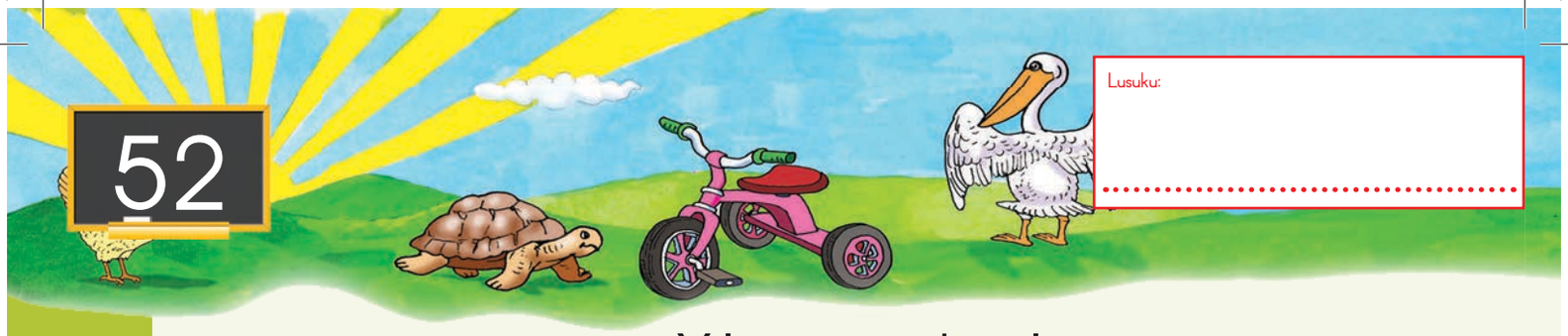
c. Bhala tinombolo letimbili letilandzelako.

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 117 2014/05/05 3:42 PM



Lusuku:

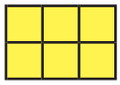
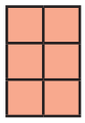
Yila ngemathayili

Kulungiselela kwenta ingadze

Make Mabena unemathayili lamahle.

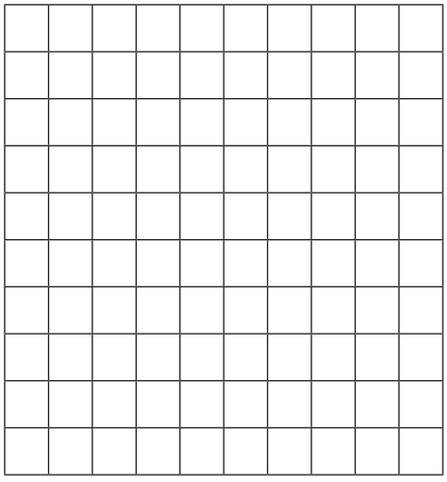
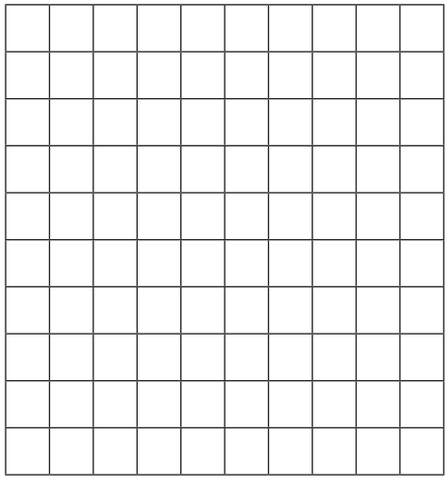
Uwasebentise kupheva indzawo tsite engadzeni yakhe.

Kunemathayili lasi-6 lalinganako.

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

Nyalo sekulitfuba lakho!

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

8 tikwele	9 tikwele
	

Bhala imishonombolo kumdvwebo ngamunye.

SIS NUM G3 B1 9781431500123.indb 118 2014/05/05 3:42 PM

Hlela emathayili lali-12

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

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

Hlela emathayili langema-24

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

Ngingaphindzaphindza!

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 119 2014/05/05 3:42 PM

53

Lusuku:

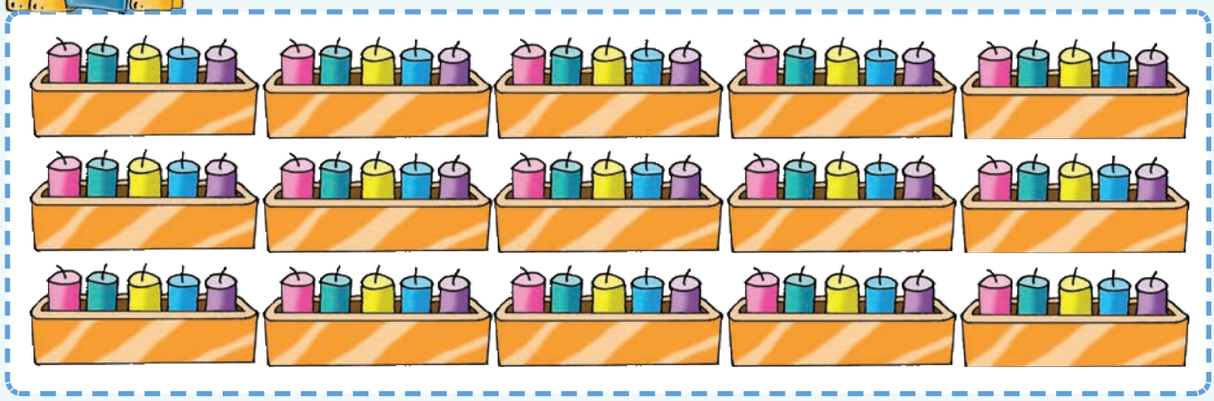
Ngeti-5 kuya ku ma-500

Yati ti-5 takho

Gcwalisa letimphendvulo.

	1	2	3	4	5	6	7	8	9	10
× 5	5									

Bala lamakhandlela



a. Mangakhi emakhandlela ebhokisini ngalinye? _____

b. Mangakhi emabhokisi eluheleni ngalunye? _____

c. Mangakhi emakhandlela eluheleni ngalunye? _____

d. Mangakhi emakhandlela sekawonkhe? _____

Khombisa imphendvulo yakho

Faka luphawu (✓) imishonombolo lekhombisa linani leliphelele lemakhandlela.

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

SIS NUM G3 B1 9781431500123.indb 120 2014/05/05 3:42 PM

4 Balela phambili nasemuva ngeti-5

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

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

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

5 Gcogca tindibilishi tabo R5

Bantfwana bakoleka boR5. Baswela kwenta bangakhi boR5?

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

2 × R5 = R

4 × R5 = R

3 × R5 = R

6 × R5 = R

6 Phindzaphindza ngeti-5

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

Cabanga ngekuhlakanipha! Yakha ngetintfo lotatiko!

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

SIS NUM G3 B1 9781431500123.indb 121 2014/05/05 3:42 PM

Lusuku:

Kusebenta ngesikhatsi

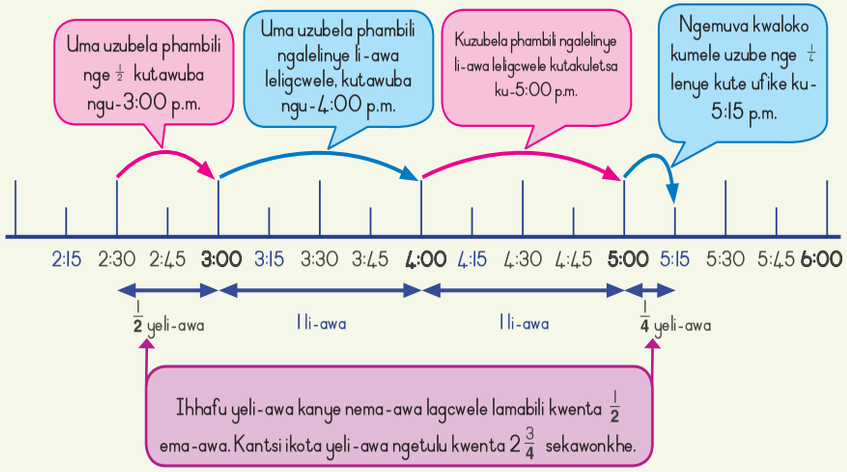
Dvweba letikhatsi

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

Inkinga yesikhatsi

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

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



Tinkinga tesikhatsi

Buka. Catsanisa. Lungisa.

Catulula inkinga ngayinye. Sebentisa imigcasikhatsi kukusita.

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

Uvakashe sikhatsi lesingakanani?

_____

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

Ubuya ekhaya nga-12:30 p.m.

Uhambe sikhatsi lesingakanani?

_____

c. Tumi ucala kufundza nga-13:15 p.m.

Ucedza nga-14:45 p.m.

Ngabe Tumi ufundze sikhatsi lesingakanani?

_____

Teacher:
Sign:
Date:

SIS NUM G3 B1 WS33-64.indd 122 2014/05/08 9:14 AM

55

Lusuku: .....

Bala ngaku-3 nangaku-4

Emabhodo lanemilente lemi-3

Hlanganisa bese ubhala timphendvulo

a. Mangakhi emabhodo eluheleni ? _____

b. Mingakhi imilente eluheleni ?_____

c. Mangakhi emahele emabhodo? _____

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

Ngumuphi umusho nombolo lokhombisa sekukonkhe.

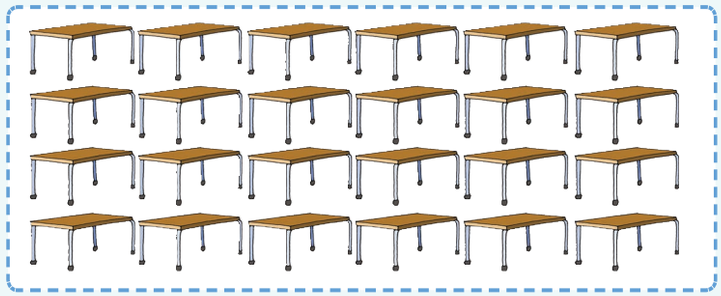
$21 \times 7 = \square$ $3 \times 7 \times 3 = \square$ $3 \times 4 \times 2 = \square$ $21 \times 3 = \square$

Mingakhi imilente?

Cabanga ngekushesha
Cabanga ngekuhlakanipha

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

Imilente yelitafula



a. Mangakhi ematafula eluheleni? _____

b. Mingakhi imilente eluheleni? _____

c. Mangakhi emahele ematafula? _____

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

Sisefektri

Umbati wakha ematafula. Ucale akhe imilente.

Sewakhe ema-48 kwanyalo. Mangakhi ematafula langawakha? ☐

Kumele akhe mingakhi leminye imilente yelitafula linye? ☐

Cedzela legridi ngekugcwalisa timphendvulo.

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

Teacher:
Sign:
Date:

SIS NUM G3 B1 WS33-64.indd 123 2014/05/08 9:14 AM

Lusuku:

Sita bantfwana

Umntfwana munye, ingubo yinye!

Bangakhi bantfwana? Linganisa, bese uyabala.

Bonkhe labantfwana esitfombeni batfola ingubo. Bangakhi bantfwana labalapho? _____		
Linganisa	Bala	Catsanisa
Bangakhi ☺ bafana? ____ Mangakhi ☺ emantfombatana? ____		

Ngumalini lebambhadalako?

Gwazi utsenga ti-2 .

Ubhadala R

Make Chaane utsenga si-5 .

Ubhadala R

Baka-Thembi Stores batsenga ema-20 .

Babhadala R

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

Kutawutsatsa sikhatsi lesingakanani? Sebentisa ikhalenda.

Likilasi leLibanga 3 ligcogca imali yekutsenga tingubo leti-4.

Bagcogca R5 ngelilanga ngemalanga lasi-5 ngeliviki.

Badzinga mangakhi emaviki kukoleka imali yaletingubo?

Teacher:
Sign:
Date:

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

Lusuku:

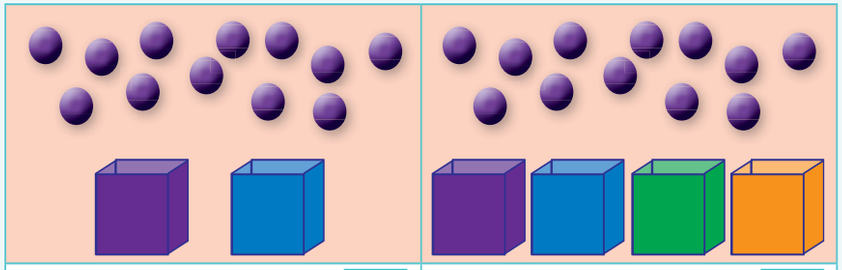
SIS NUM G3 B1 WS33-64.indd 124 2014/05/08 9:14 AM

57

Lusuku: .....

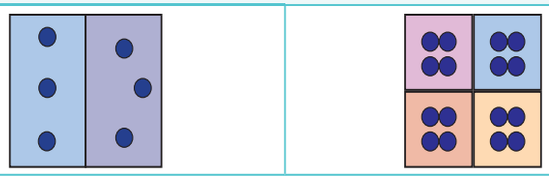
Emafrakishini: bohhafu nemakota

Yaba emabhola ngekulingana emkhatsini wemabhokisi



• Mangakhi emabhola ebhokisini linye?	• Mangakhi emabhola ebhokisini linye?
• Mangakhi emabhola ebhokisini lelisamsobo?	• Mangakhi emabhola ebhokisini lelisamsobo?
• Ngubani ifrakishini yemabhola lesebhokisini lelisamsobo?	• Ngubani ifrakishini yemabhola lesebhokisini lelisamsobo?

Buka letitfombe bese uphendvula imibuto.



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

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

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

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

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

Buka lelibhande frakishini

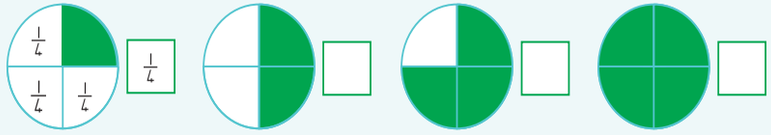
I lokugcwele			
$\frac{1}{2}$		$\frac{1}{2}$	
$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$

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

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

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

b. Buka lemidvwebo bese ubhala ifrakishini yencenye lefakwe umbala.



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

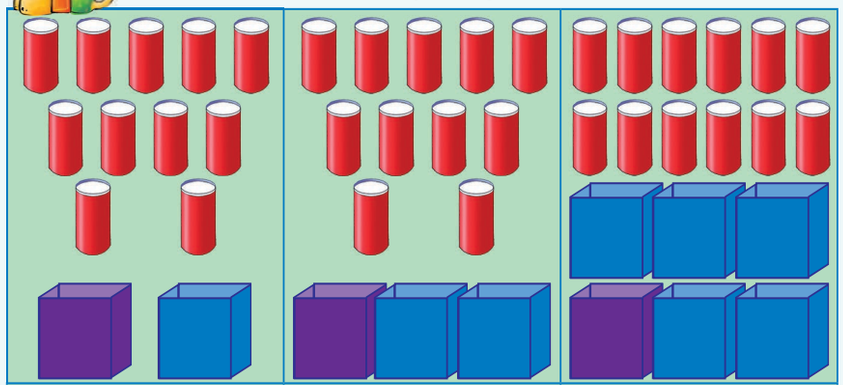
Teacher:
Sign:
Date:

SIS NUM G3 B1 WS33-64.indd 125 2014/05/08 9:14 AM

Lusuku:

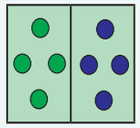
Emafrakishini: bohhafu, boncenyentsatfu naboncenyesitfupha

Yaba tikotela (emasilinda) ngalokulinganako emabhokisini.



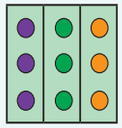
Ithothali yetikolela:			
• Tingakhi tikotela ebhokini lelisamsobo?	12		
• Itsini ifrakshini yaletisebhokisini lelisamsobo?	6		
	$\frac{1}{2}$		

Buka letitfombe bese uphendvula imibuto.



Tingakhi tindilinga longatibala? ☐

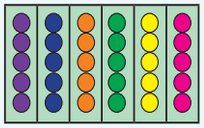
Ngubani i $\frac{1}{2}$ yetindilinga? ☐



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

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

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



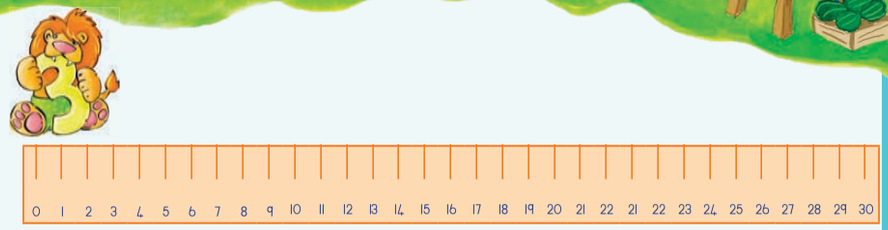
Ngubani i $\frac{1}{6}$ wetindilinga? ☐

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

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

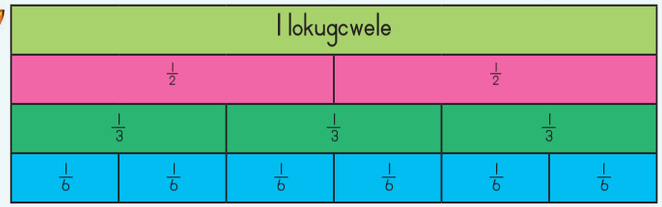
Ngubani i $\frac{4}{6}$ wetindilinga? ☐

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



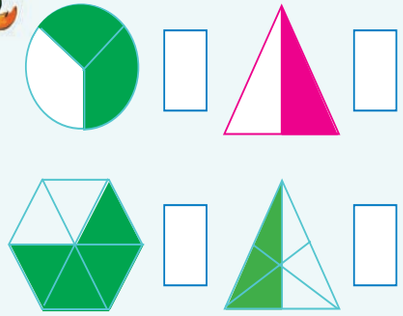
- Khombiza ihhafu yinye yerula. Loku kwakha ____ cm.
- Khombisa kunye kwalokutsatfu kulerula. Loku kulingana na ____cm
- Khombisa kunye kwalokusitfupha kulerula. Loku kulingana na ____cm

Buka lamabhande-frakishini. Cedzela lemisho.



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

Bhala ifrakishini yencenye lefakwe umbala.

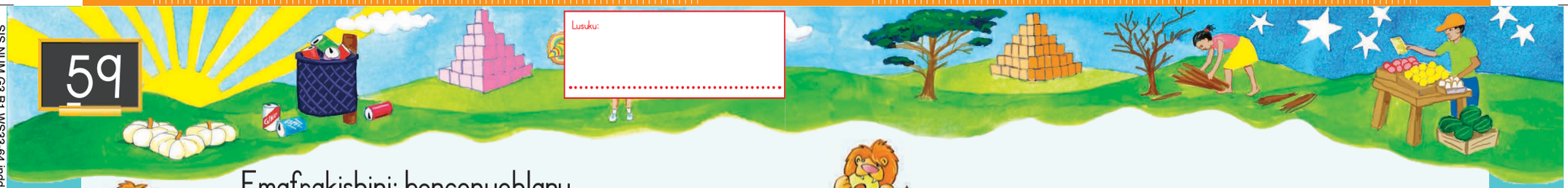


Kipilitela ifrakishini lenkhulu.

a.	$\frac{1}{2}$	$\frac{1}{3}$
b.	$\frac{1}{2}$	$\frac{1}{6}$
c.	$\frac{1}{2}$	$\frac{2}{6}$

Teacher:
Sign:
Date:

SIS NUM G3 B1 WS33-64.indd 126 2014/05/08 9:14 AM



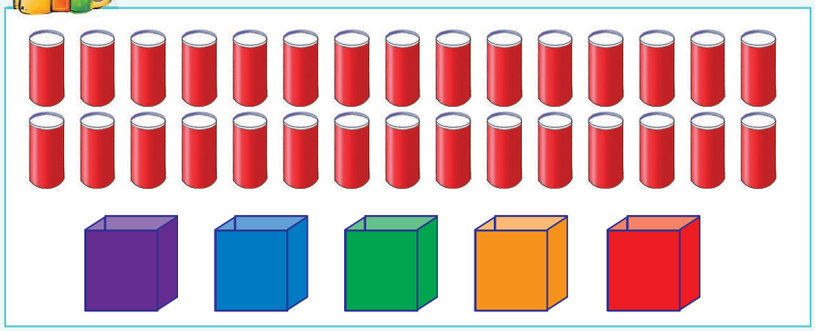
59

Lusuku:

Ithemu 2

Emafrakishini: boncenyehlanu

Yaba tikotela emabhokisini.



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

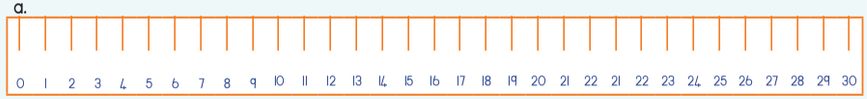
2 Buka titfombe bese uphendvula imibuto.

Mangakhi emashokoledi ebhokisini? [ ]

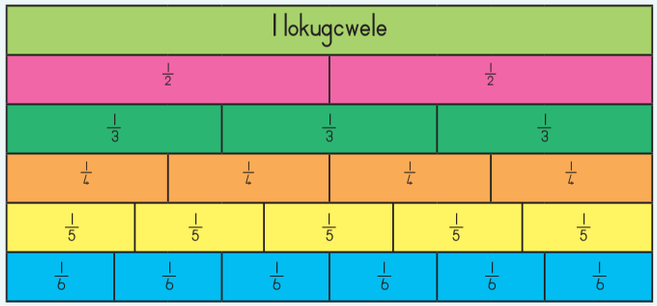
- incenye-sihlanu wemashokoledi ulingana na [ ]
- tincenye-sihlanu timbili wemashokoledi ulingana na [ ]
- tincenye-sihlanu tintsatfu wemashokoledi ulingana na [ ]
- tincenye-sihlanu tine wemashokoledi ulingana na [ ]
- tincenye-sihlanu letisihlanu wemashokoledi ulingana na [ ]
- Ngalelinye lilanga ngadla $\frac{1}{5}$ wemashokoledi. Kusele mangaki emashokoledi? [ ]
- Ngalelinye lilanga ngaphindze ngadla i-$\frac{1}{5}$. Kusele mangaki emashokoledi? [ ]

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

a.



4 Buka lamabhande frakishini bese uphendvula imibuto.



Kipilitela lokukhulu noma lokuncane

a. $\frac{1}{2}$ (mukhulu) / muncane kuna $\frac{1}{4}$.

b. $\frac{1}{3}$ mukhulu / muncane kuna $\frac{1}{2}$.

c. $\frac{1}{5}$ mukhulu / muncane kuna $\frac{1}{6}$.

d. $\frac{1}{6}$ mukhulu / muncane kuna $\frac{1}{3}$.

e. $\frac{3}{6}$ mukhulu / muncane kuna $\frac{2}{5}$.

Teacher:
Sign:
Date:

SIS NUM G3 B1 WS33-64.indd 127 2014/05/08 9:14 AM

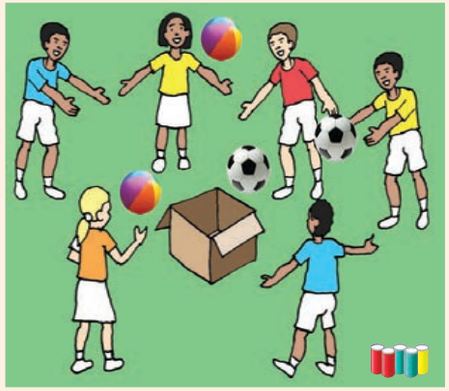
Lusuku:

Tintfo letibusontsatfu (i3D)

Bala emabhokisi (emaprizimu). ☐

Bala emabhola (tiyingiliti). ☐

Bala emasilinda. ☐



Loku konkhe ngemabhokisi.

Sebentisa Lokusikiwe lishadi 3 na 4 kwakha loku.

Yonkhe indzawo lesicabati kutsiwa buso. Namatselisa mandzamandza munye ebusweni ngabunye kulamabhokisi. Bungakhi buso lonamatselise kubo:

ikhyubhu ☐ iphrizimu ☐ iphrizimu ☐

Buso bemaprizimu bulucabati noma buyindilinga? ☐

Nyalo - ke yakha umbhoshongo lokuLokusikiwe lishadi 4..

Buso besilinda bulucabati noma buyindilinga? ☐

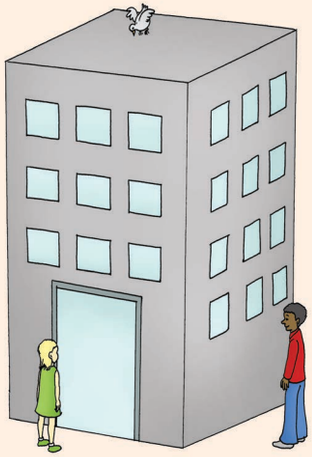
Sebentisa tintfo takho kwakha loku lokulandzelako.

Sebentisa emagama kuchaza simondzawo sesilinda.

ngaseluhlangotsini | ngembili | ngetulu

☐ ☐ ☐

Sebentisa emagama langentasi kucedzela lemisho



Intfombatana ibuke _____kwesakhiwo.

Indvodza ibuke _____kwesakhiwo.

Inyoni ibuke _____kwesakhiwo

eceleni | ngetulu | ngembili

Teacher:
Sign:
Date:

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

SIS NUM G3 B1 WS33-64.indd 128 2014/05/08 9:14 AM

61

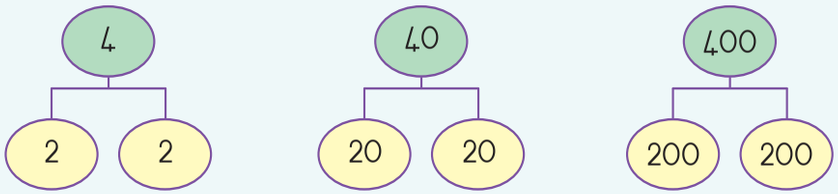
Lusuku:

Ithemu 2

Kuphindza nehhafu

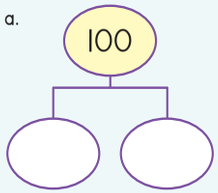
Usakhumbula?	ku-2 uyihhafu ya-4	ku-4 kuphindvwe ku-2
	ema-20 uyihhafu ye-40	ema-40 kuphindvwe ema-20
	ema-200 uyihhafu ye-400	ema-400 kuphindvwe ema-200

Khumbula! Singakukhombisa loku ngekudvweba umdvwebo . . .

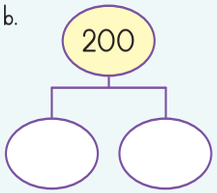


Kutfola bohhafu

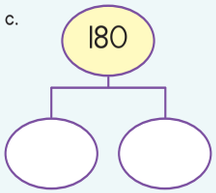
a.



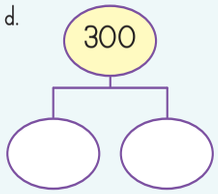
b.



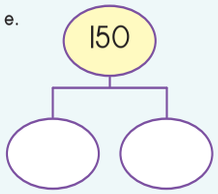
c.



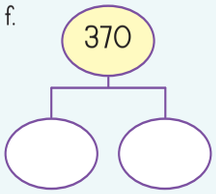
d.



e.



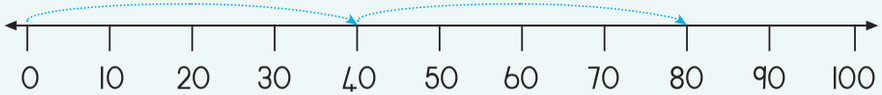
f.



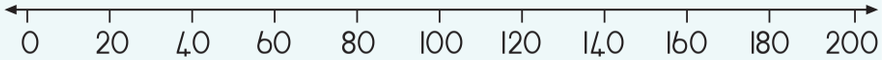
Phindza letinombolo usebentisa umugca nombolo. Sibonelo sekucala wentelwe.

Sibonelo:

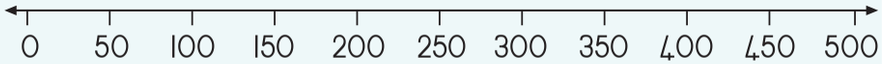
Phindza ema-40 [40] + [40] = [80]



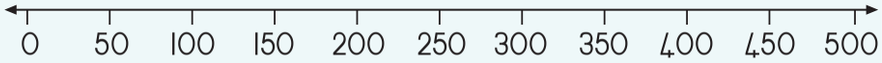
Phindza ema-60 [ ] + [ ] = [ ]



Phindza ema-150 [ ] + [ ] = [ ]



Phindza ema-200 [ ] + [ ] = [ ]



Cedzela loku lokulandzelako

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

Cedzela loku lokulandzelako

a. Hhafula 220	110
b. Hhafula 180	
c. Hhafula 260	
d. Hhafula 60	
e. Hhafula 320	

Teacher:
Sign:
Date:

SIS NUM G3 B1 WS33-64.indd 129 2014/05/08 9:14 AM

62

Lusuku:

Kuphindza kabili nehhafu kuyachubeka

Tfola lokuphindvwe kabili nobe emahhafu

a. 73 73

b. 148

c. 96 96

d. 134

e. 166

f. 89 89

Kongela libhayisikili.

Peter wonga ema-R25 ngeliviki kutsenga libhayisikili.
Kumele onge emaviki lamangakhi?

Imphendvulo: _____ Emaviki

Indali R450
Intsengo lehhafu liwe:
beyingu R900

Endalini

Tonkhe letintfo titsengiswa ngehhafu yentsengo.
Bhala lentsengo eceleni kwentfo ngayinye.

a. Tingubo R190
Intsengo yekutsengisa____

b. Emashidi R154
Intsengo yekutsengisa____

c. Imicamelo R54
Intsengo yekutsengisa____

d. Titulo R220
Intsengo yekutsengisa____

Mangakhi emarandi?

R135	Musa ufuna lelihembe. Unehhafu kuphela yelinani. Usadzinga malini? R_____
R78,50	Ticatfulo taPeter tibita lokuphindvwe kabili kwendlulela. Ngabe ticatfulo taPeter tibita malini? R_____
R97	Liloko laPhindi liphindza kabili intsengo yaleli. Ngabe lilokwe laPhindi libita malini? R_____

Yini lengenako? Yini lephumako?

Landzela lesibonelo. Gcwalisa tinombolo letingekho.

a.

50	phindza kabili	+ 10	110
90			
75			
88			
			62

b.

124	hhafula	– 9	53
110			
72			
98			90

Teacher:
Sign:
Date:

SIS NUM G3 B1 WS33-64.indd 130 2014/05/08 9:14 AM

SIS NUM G3 B1 WS33-64.indd 131 2014/05/08 9:14 AM

63

Lusuku: .....

Ithemu 2

Butsisa bese uyahlanganisa

Beka ndzawonye labantfwana

Nkhs Ndaba ufuna kwehlukanisa likilasi ngemacembu ebukhulu lobulinganako kutewudlala ngaphandle. Kwekucala ubabeka ngemacembu alaba-4.

a. Bangakhi labantfwana? _____

b. Nkhs Ndaba wakhe mangakhi emacembu? _____

Buka. Catsanisa. Lungisa.

c. Tjengisa tonkhe letinye tindlela tekubabutsanisa ngemacembu lalinganako.

_____

_____

_____

_____

Tingakhi timphahla tekugcoka?

Phindi unemahembe lasi-5 emibala kanye nemabhulukwana lasi-5 emibala.
Tingakhi timphahla tekugcoka letehlukene langatenta ngekusebentisa tinhlanganisela letehlukene temibala? _____

Sibonelo: Lihembe lelilingangane/emabhulukwana lalingangane. Lihembe lelilngangane/emabhulukwana laliphuti.

Bhala luhlavu lwekucala lwembala ngamunye. Khombisa tonkhe timphahla letingaba khona.

_____

_____

_____

_____

_____

_____

Cagela: Yini letawenteka uma ngabe Phindi anemahembe kanye nemabhulukwana lasi-6 emibala leyehlukene?
Angenta timphahla tekugcoka letingakhi? _____

Buka. Catsanisa. Lungisa.

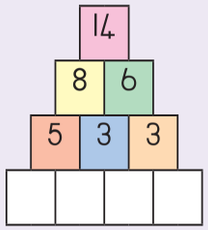
Teacher:
Sign:
Date:

Lusuku:

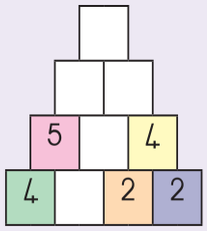
Kutijabulisa ngetibalo

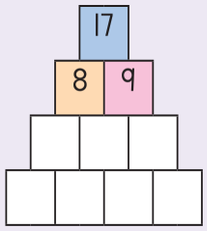
Tfola umtsetfo

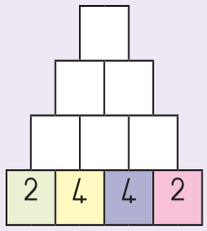
Sebentisa lomtsetfo kutfola tinombolo letingekho.



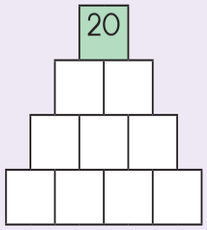
Nyalo-ke yenta loku.

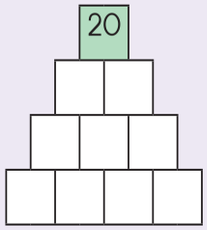


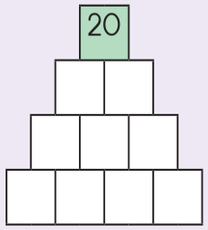




Yakha ufike kuma-20 ngetindlela letintsatfu.

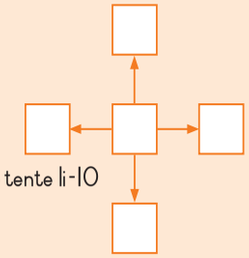






Insayeya

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



Letinombolo letintsatfu eluhlwini lunye kumele tente li-10 setitonkhe.

Umtsetfo: Sebentisa inombolo yinye kanye.

Kutfola tinombolo

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

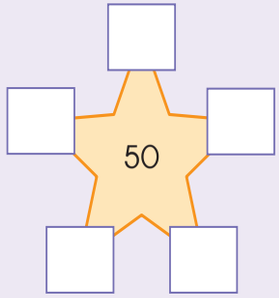
2	5	3	6
			2
		2	

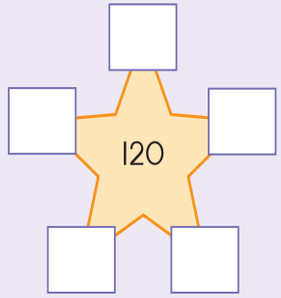
b. Umtsetfo: Tinombolo leti-3, kuvundla nekuya phasi, tihlangana tente ithothali lefanako.

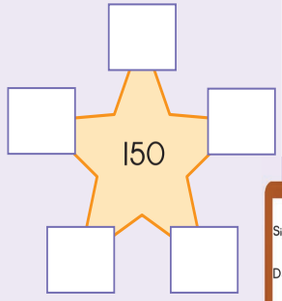
2	7	6
9		1
	3	8

23	28	21
12		26
	10	

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







Teacher:
Sign:
Date:

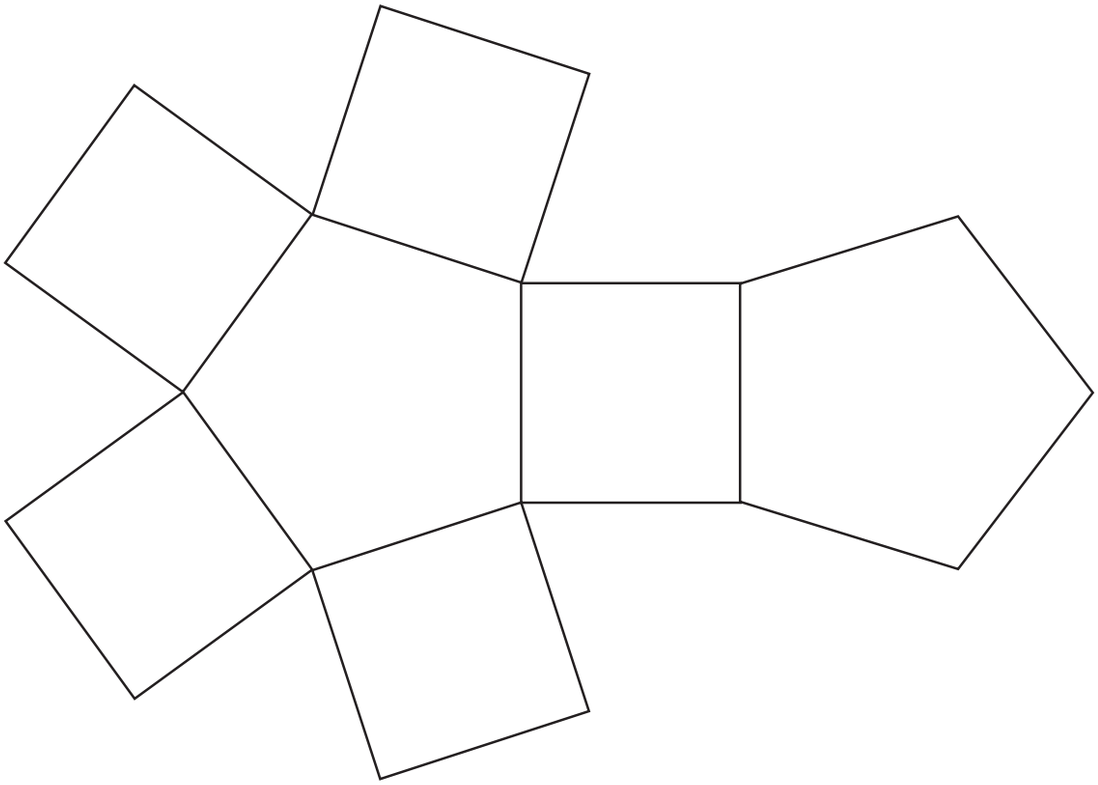
SIS NUM G3 B1 WS33-64.indd 132 2014/05/08 9:14 AM

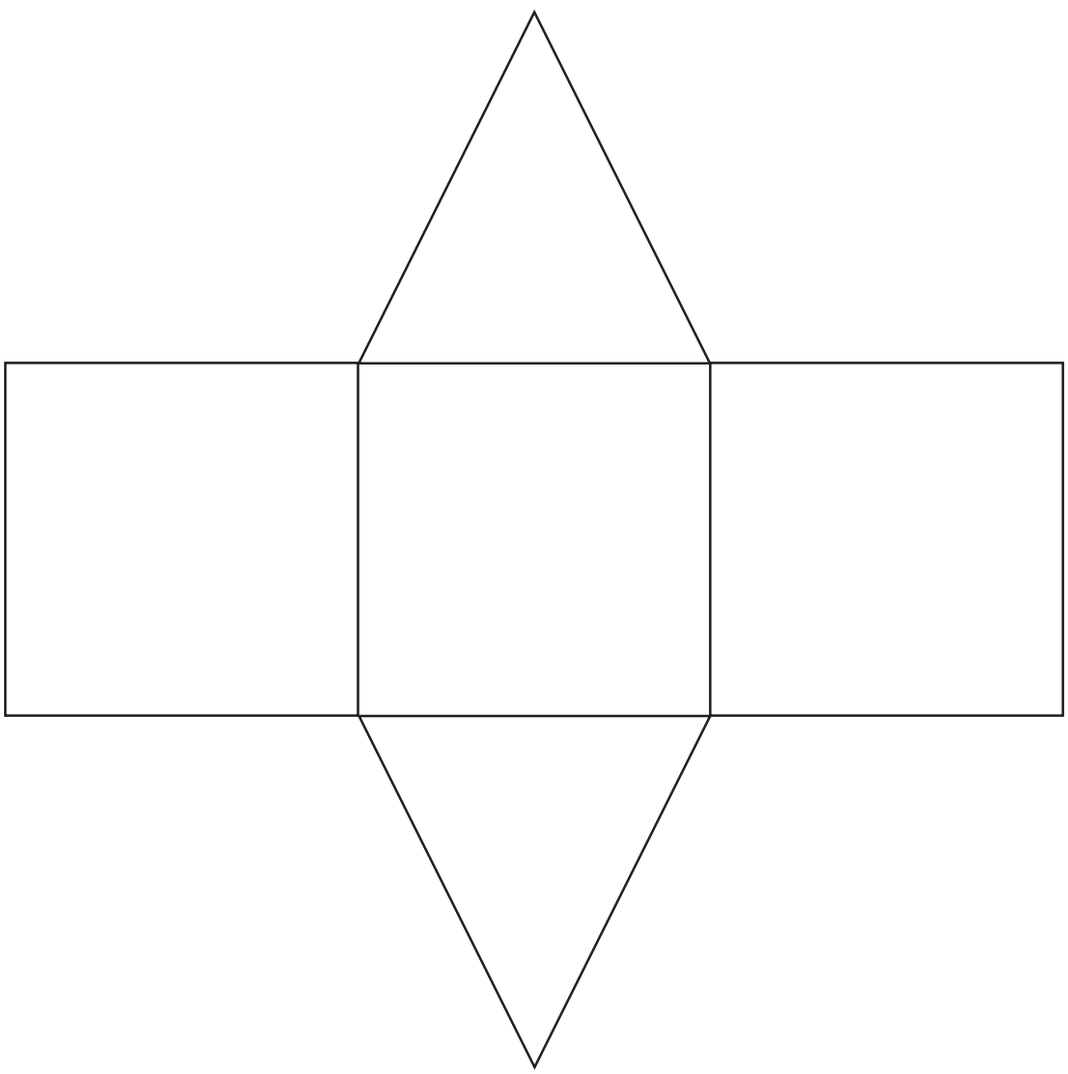
Lokusikiwe I

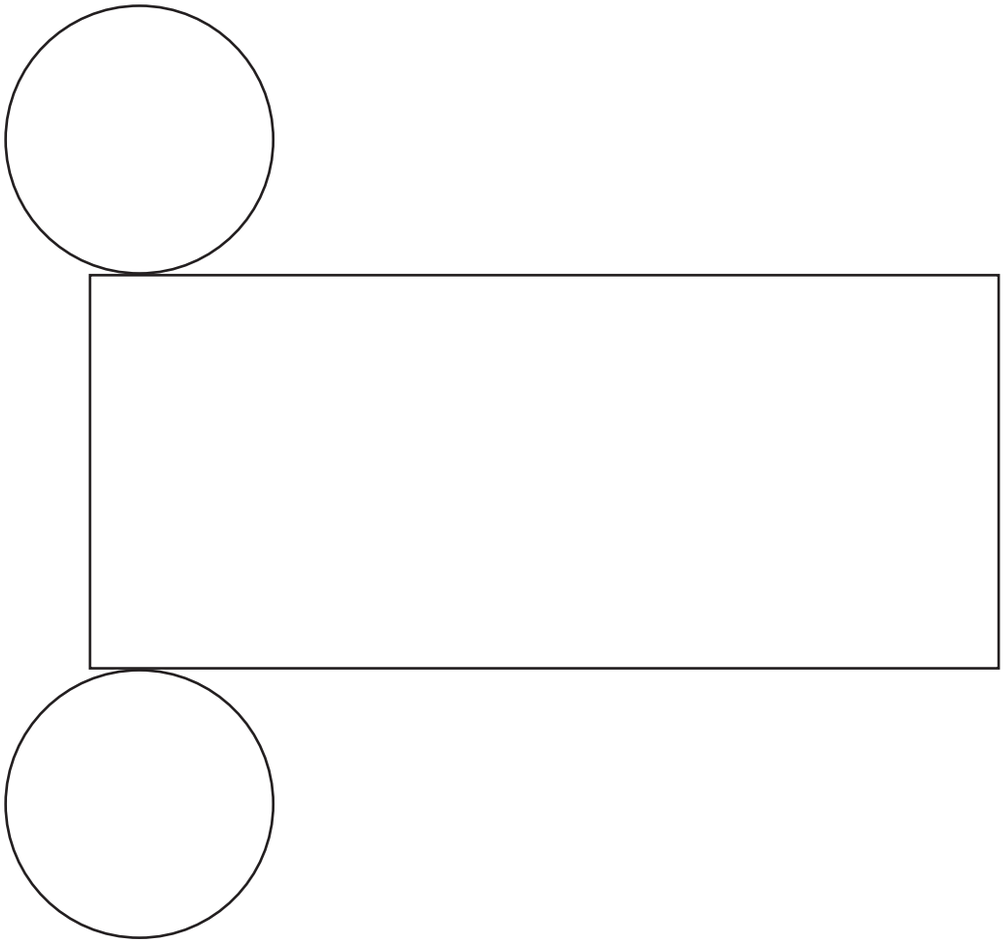
1	1	0	1	0	0
2	2	0	2	0	0
3	3	0	3	0	0
4	4	0	4	0	0
5	5	0	5	0	0
6	6	0	6	0	0
7	7	0	7	0	0
8	8	0	8	0	0
9	9	0	9	0	0

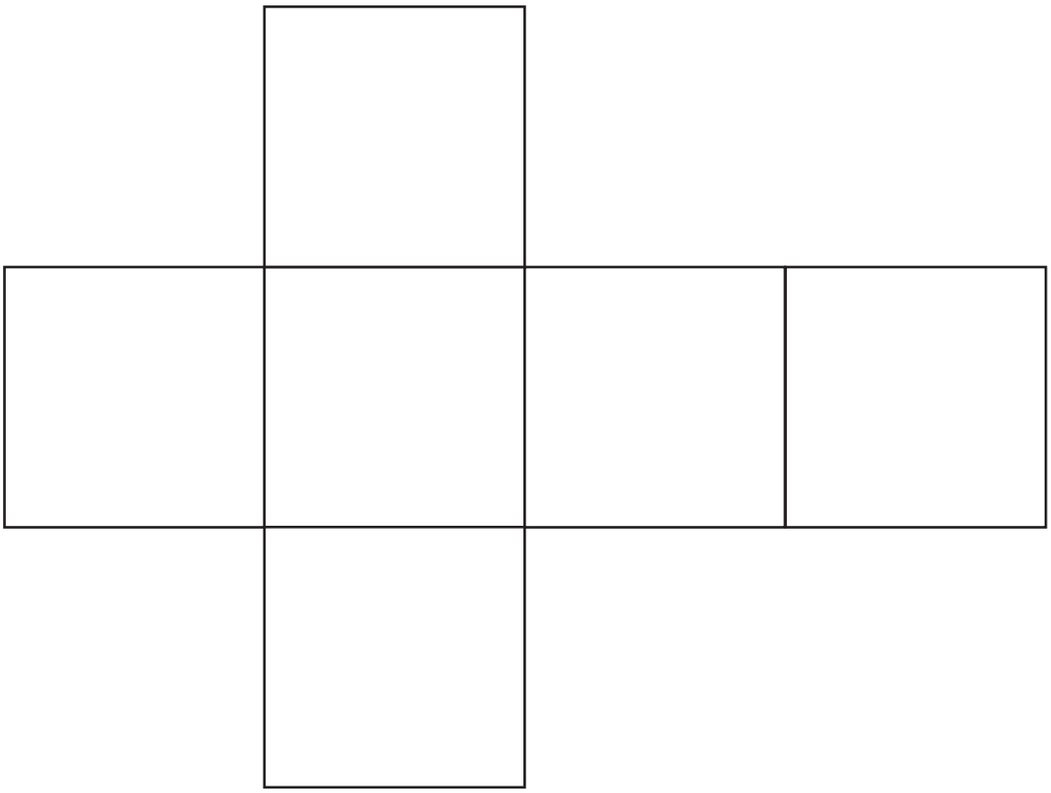
SIS NUM G3 B1 9781431500123.indb 133 2014/05/05 3:42 PM

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









ENG NUM G3 B1 9781431500048 Cut-outs_LR.indd 136 2014/04/29 3:06 PM