

UKkz. Angie Motshekga,
nguNqgonqgotjhe
wezeFundo-Sisekelo



UNom Enver Surty.
nguSekela kaNqgonqgotjhe
wezeFundo-Sisekelo

Iincwadi lezi zenzelwe abentwana beSewula Afrika ngaphasi koburholi bakaNqgonqgotjhe wezeFundo-Sisekelo, uMma u-Angie Motshekga,kanye neSekela lakNqgonqgotjhe wezeFundo-Sisekelo, uNom. Enver Surty.

Iincwadi zokuSebenzela zakwaRainbow ziyingcenye yeendlela ezinengi zomNyango wezeFundo-Sisekelo wokungenelela onqophe ukuthuthukisa ukusebenza ngcono kwabafundi beSewula Afrika kumagreyidi wokuthoma asithandathu. Njengamanye wamaHlelo womBuso aphuma phambili, iphrojekthi le isekelwe ngeemali ezibuya esiKhwameni seeMali seLizweloke. Lokhu kusize umNyango ukukhupha iincwadi zokusebenzela lezi ngawo woke amalimi asemthethweni ngaphandle kweendleko. Siyathemba kobana nizokufunyana iincwadi zokusebenzela lezi zilisizo khulu ekufundiseni kwenu kwangamalanga kanye nokuqinisekisa kobana abafundi benu bayayiqeda ikharikhyulamu.

Sitjheje khudlwana ukuhlahla abotitjhere komunye nomunye umsebenzi ngokusebenzisa iinthombe ezitjengisako bona ngikuphi umfundi amele akwenze.

Siyathemba kobana abentwana bazokuthabela ukusebenzisa iincwadi lezi njengombana bakhula bebafunda nje, begodu wena titjhere uzokwabelana nabo ithabo lokufunda. Sinifisela ipumelelo ekusebenziseni iincwadi lezi.



Rainbow WORKBOOKS

MATHEMATICS IN ISINDEBELE
GRADE 3 – BOOK 1
TERMS 1 & 2
ISBN 978-1-4315-0008-6

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1 2 3 4
5 6 7 8
9 10
+ − × ÷ =

IZIBALO NGESINDEBELE – IGreyidi 3 Incwadi 1

ISBN 978-1-4315-0008-6



IGreyidi 3

Ibizo:

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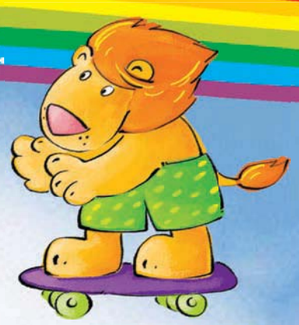
IZIBALO NGESINDEBELE

Incwadi 1
Ithemu 1 & 2





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2 x 2=4

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



IGreyidi 3

Rainbow WORKBOOKS

Ilimi

ngesiNDEBELE

1 Sesibuyele esikolweni 2

2 Umndeni nabangani 35

3 Ikhambo mazombe 69

4 Ibhoduluko lethu..... 103

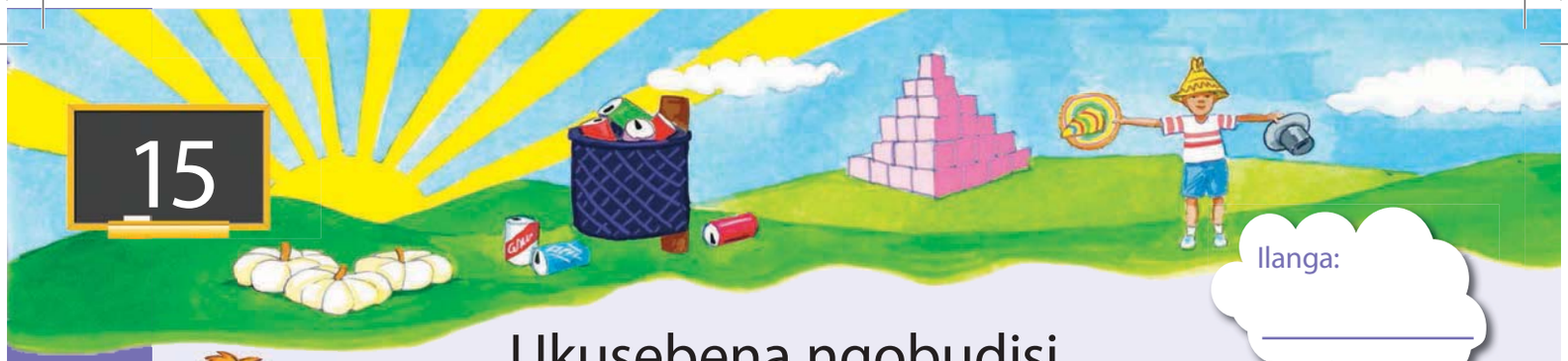


ISINDEBELE

Incwadi 1

Incwadi le ngeyaka-:

NEW NDEBELE LIT GR3 THEME 1.indd 1 2012/06/15 11:28 AM



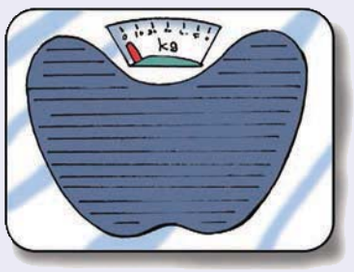
15

Ilanga: _____

Ukusebena ngobudisi



Asimede ubungako!



Ukufumana ubungako bethu, ubudisi namkha ukubalula, sisebenzisa isikala.

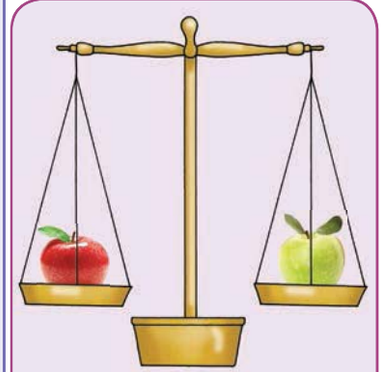
Simeda ubungako ngamakhilogremu.
Sisebenzisa isirhunyezwesi: kg. Ngubani onobudisi obungaphezulu?



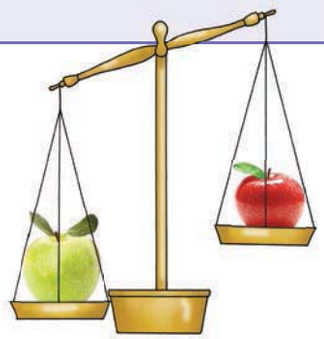
41 kg 38 kg 41 kg 42 kg 39 kg

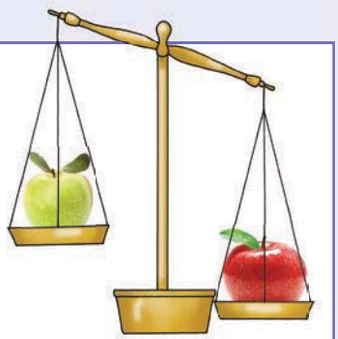


Sisebenzise isikala sokubhalansa ukumeda ubudisi



Esikalenilesi,womabiliama-apulaakalangokulingana.





Phendula imibuzo. Tlola u-a nanyana u-b

Kusesikalenisiphilaphai-apulaelihlazasatjanilibudisikhona khulu ukudlula i-apula elibovu? ☐

Kusesikalenisiphilaphai-apulaelihlazasatjanililulakhonakune-apula elibovu. ☐



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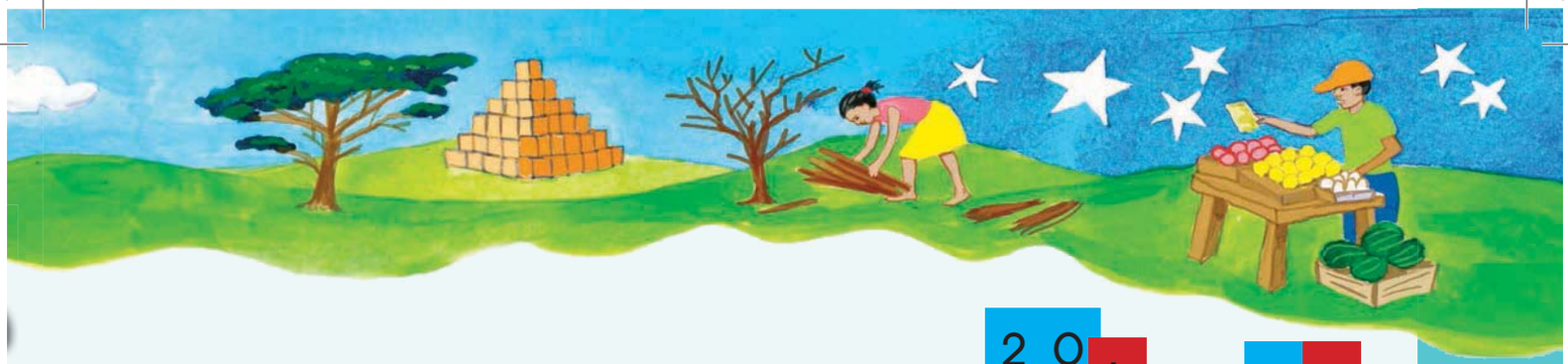


2 0 6

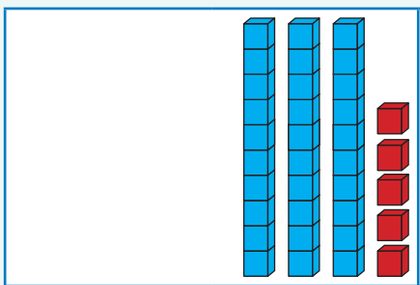
2 6

b. Godu singasebenzisa iinomboro zethu zamakarada ukutjengisa lokhu.

Nombora	Mangaki amatjhumi?	Mangaki amayunidi?	Tlola inomboro ngamagama
26	2	6	amatjhumi amabili nesithandathu
46			
99			



Iyini inomboro?



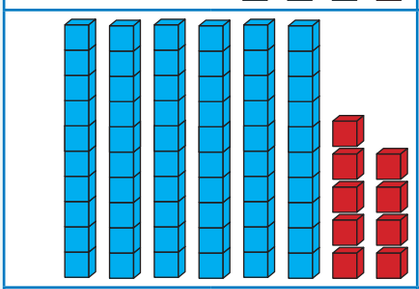
3 0 5

3 5

Amatjhumi	Amayunidi
3	5

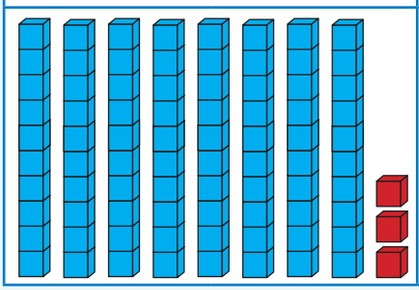
Amatjhumi amathathu nahlanu

35



Amatjhumi	Amayunidi

_____



Amatjhumi	Amayunidi

_____

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

NDEBELE Num Gr3 WS36-73.indd 39 2012/06/13 10:23 AM



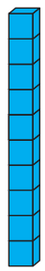
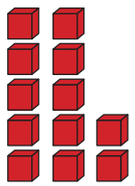
Ilanga: _____

Ukubeka amatjhumi ndawonye lokha nasihlanganisa ukuya ema-99

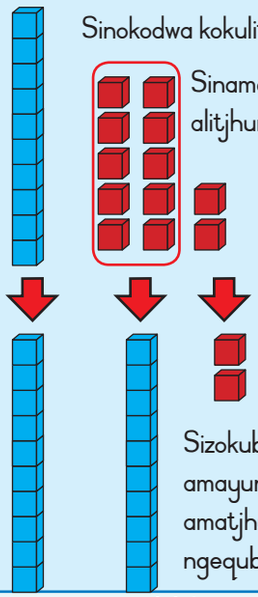


Funda

Nasi indlela yinye yokutjengisa ama-22.

Amatjhumi	Amayunidi
	
itjhumi li-1	amayunidi ali -12
1 0	1 0 2

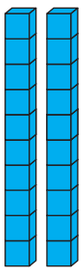
Sinokodwa kokulitjhumi



Sinamayunidi alitjhumi nambili

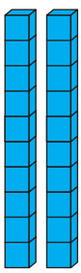
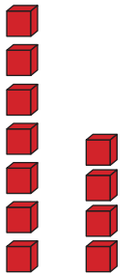
Sizokubeka amayunidi amatjhumi ngequbi

Kwanjesi sinenye indlela yokutjengisa ama-22.

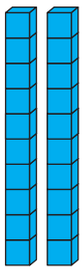
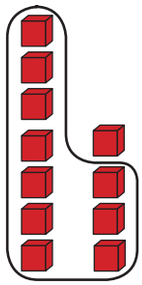
Amatjhumi	Amayunidi
	
amatjhimi ama -2	amayunidi ma -2
2 2	

Asihlanganise 27 + 4. Sizokuthoma ngamabhlogo ahlaza. Amabhlogo apinki la ngiwo esizokungezelela ngawo.

Ama-27matjhumi ama-2 begodu nabowani abali-7. Bese sihlanganisa abowani aba-4 ngaphezulu.

Amatjhumi	Amayunidi
	
ama-2	ama-7 +ama-4
2 0	7 4

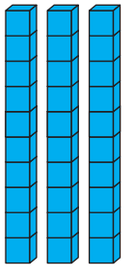
Sinamatjhumi ama-2 begodu nabowani abali-11.

Amatjhumi	Amayunidi
	

Singatjengisa abowani abali-10 njenge tjhumi linye.

2 0 1 0 1

Kwanjesi sinamatjhumi ama-3 + nowani mu-1 = 31

Amatjhumi	Amayunidi
	

___ + ___ = ___

3 1



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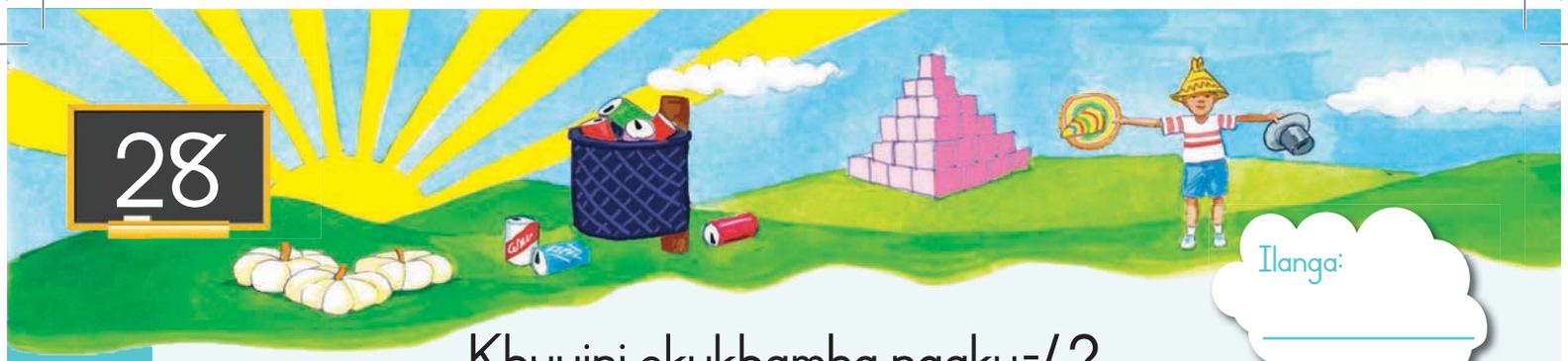

28

Ilanga: _____

Khuyini okukhamba ngaku-4?



Imilenze emine

Amaphuzu amanye weenomboro ezi-4 ...
4 + 4 = 8; 2 × 4 = 8



Imilenze yeenkomo ikhamba ngami-4.

Khuyini godu okukhamba ngakune? _____



Bala imilenze

Yaba iimpendulo.
Hlathulula kobana wenzeni.

Sebenzisa amaphuzu owaziko mayelana naku-4 ukuphendula imibuzo le:

Inkomo e-1  4 imilenze	Iinkomo ezi-2  8 imilenze
Iinkomo ezi-3  ____ imilenze	Iinkomo ezi-4  ____ imilenze
Iinkomo ezi-5  ____ imilenze	Iinkomo ezi-6  ____ imilenze
Iinkomo ezi-7  ____ imilenze	Iinkomo ezi-8  ____ imilenze
Iinkomo ezi-9  ____ imilenze	Iinkomo ezi-10  ____ imilenze

1 2 3 4 5 6 7 8 9 10

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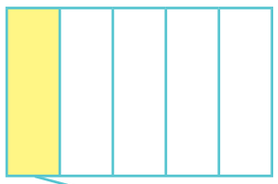
Ilanga: _____

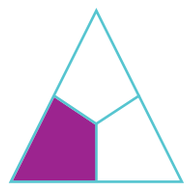
Amacezu



Thaka umuda umaddanise ibumbeko necezu elifaneleko.



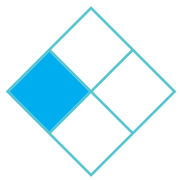
$\frac{1}{3}$ incenye yakuthathu



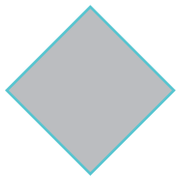
$\frac{1}{5}$ incenye yakuhlanu



$\frac{1}{4}$ incenye yakutara



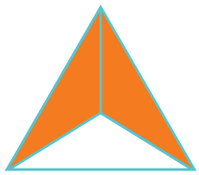
$\frac{1}{2}$ incenye yehafu



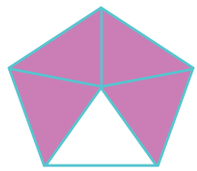
$\frac{3}{4}$ iincenye ezintathu zamakotara



$\frac{4}{5}$ iincenye ezine zakuhlanu

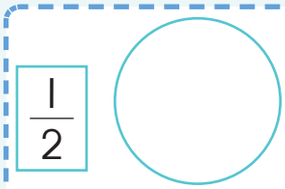


1 Okukodwa okuzeleko



$\frac{2}{3}$ iincenye eziimbili zakuthathu

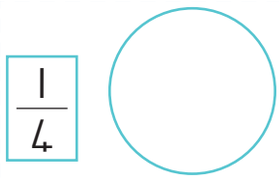
Hlukanisa bese uyakhalara:



$\frac{1}{2}$ incenye yehafu



$\frac{1}{3}$ incenye yakuthathu

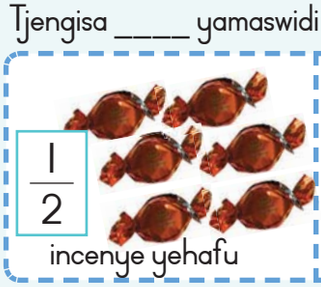


$\frac{1}{4}$ incenye yakutara



$\frac{1}{5}$ incenye yakuhlanu

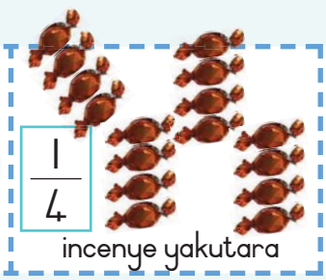
Tjengisa ____ yamaswidi



$\frac{1}{2}$ incenye yehafu



$\frac{1}{3}$ incenye yakuthathu



$\frac{1}{4}$ incenye yakutara



$\frac{1}{5}$ incenye yakuhlanu



1 2 3 4 5 6 7 8 9 10

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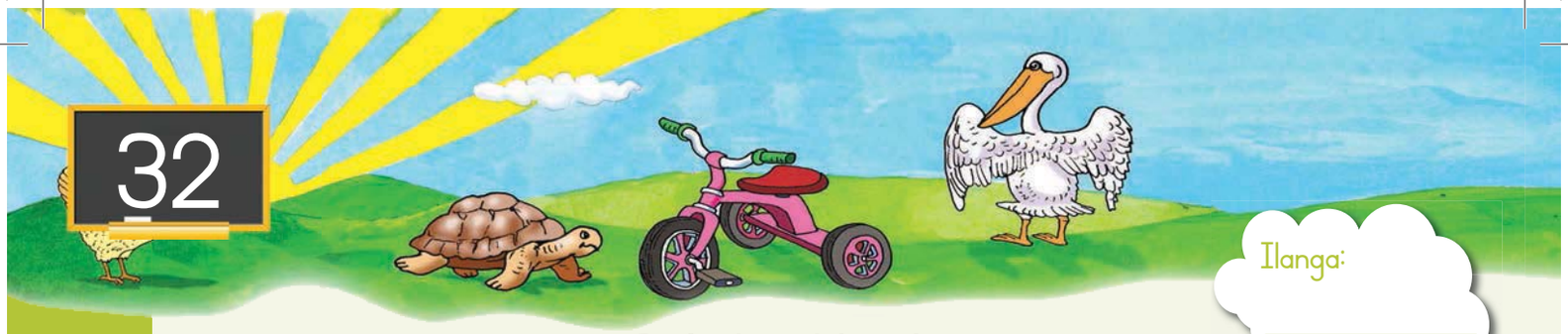


32

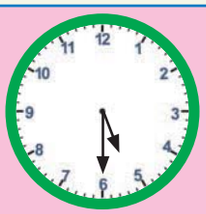
Ilanga: _____

Sele kusikhathi



Ukuya ngesidleni

Singatlola isikhathi esifanako ngeendlela ezihlukileko.

		
2:15 likotara ngemva kwelesibili	5:30 siquntu ngemva kwelesihlanu	9:45 likotara ngaphambi kweletjhumi

Tlola lokhu ngeendlela ezihlukileko.

		
_____ _____	_____ _____	_____ _____



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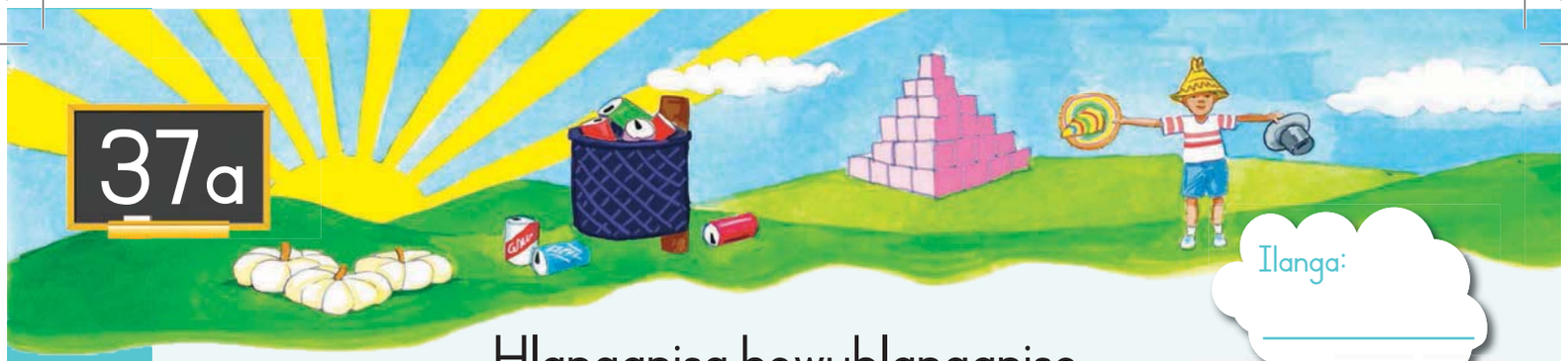

37a

Ilanga: _____

Hlanganisa bewuhlanganise



Tlola inani lakho



UBusi angahlanganisa ngamayunidi-1 begodu nangamatjhumi begodu ahlele kabutjha.
Angahlanganisa begodu akhuphe ephepheni, elinganabhlogo.
Kesinye isikhathi uthanda ukuthoma ngamakarada weenomboro zakhe ukutjengisa iinomboro.

Ngalokho enanini lama-56 + 73, ufumana amakarada lawa:

5 0 6 + 7 0 3

Uhlanganisa ngaku-1 bese ubeka phasi amakarada ali-9.

Uyazi: 50+70 =120.

Uthatha amakhulu, namatjhumi begodu nekarada lamayunidi

ukwenza inomboro enamadijidi ama-3.

9

1 0 0 2 0 9

Uyitlola ngendlela le:
50 + 70 + 6 + 3
= 50 + 70 + 9
= 120 + 9
= 100 + 20 + 9
= 129



UDumi uyazi kobana amabhlogo asebenza njani.
Wenza ama-56 + 73 ngendlela le:

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



U-Aakar uthanda ukwenza lokhu: Ngithanda ukwenza okupheleleko. Le ngiyenza ngendlela le:

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

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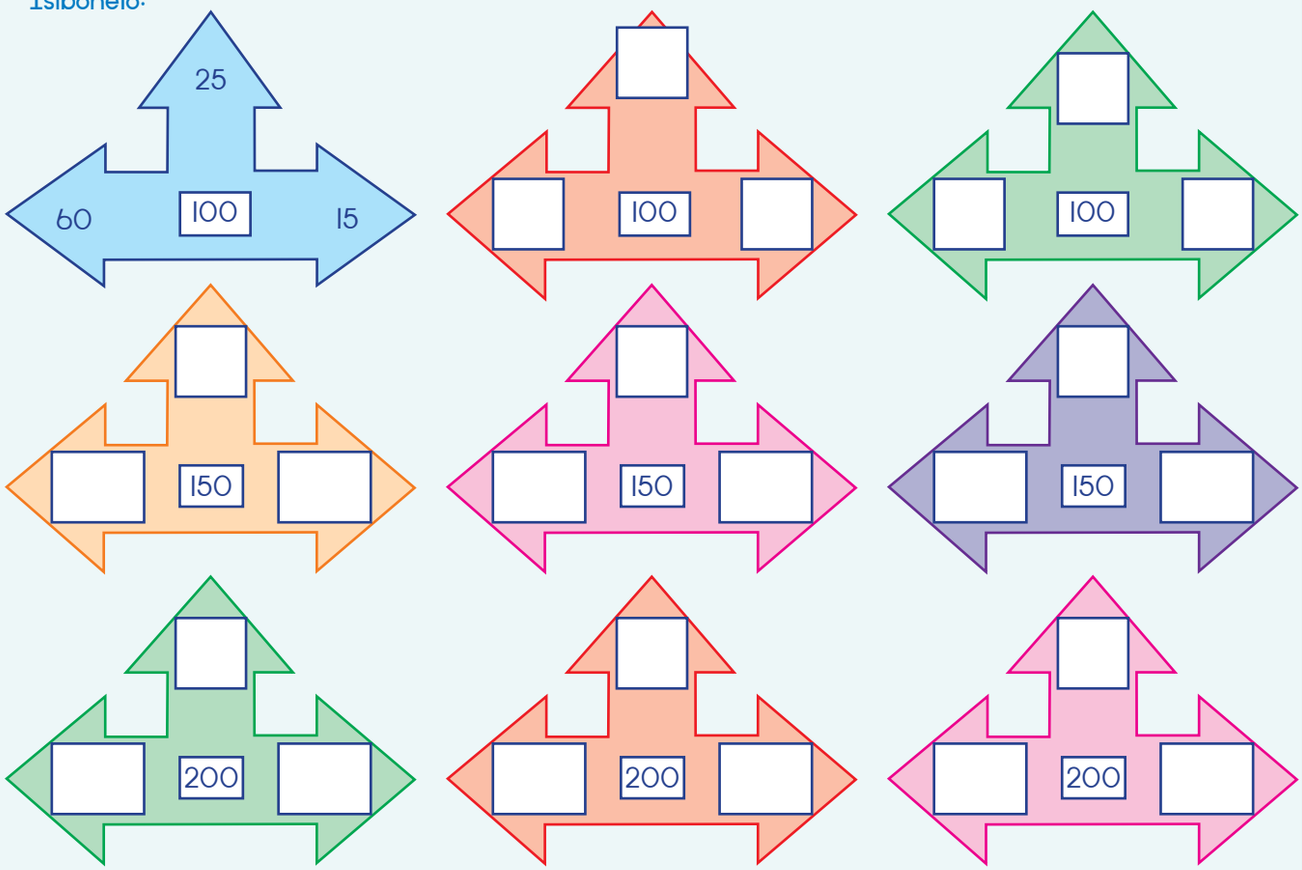
Imindeni yangabathathu

Fumana iinomboro ezi-3 ezihlanganisa inomboro enqophiweko. Kodwana kufanele ulandele umthetho othi yinomboro yinye kwaphela engaphelela ngo-0.

Isibonelo:





Amatjhumi ama-50 ngaphezulu namatjhumi ama-50 ngaphasi.

Tlola iimpendulo emideni wesi-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:
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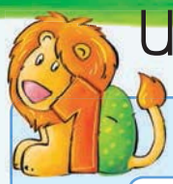
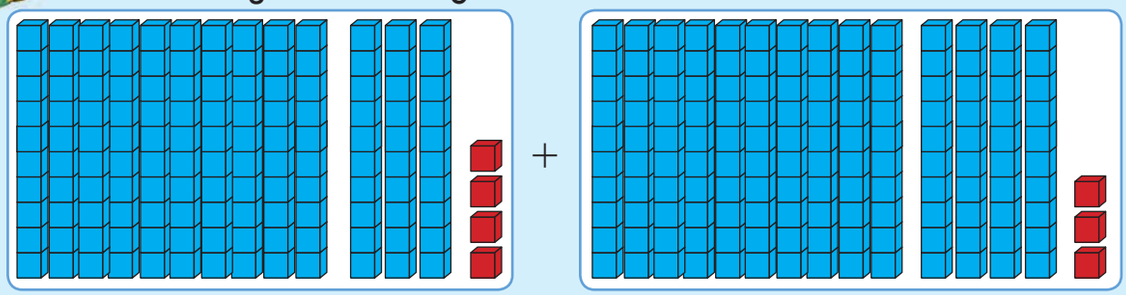
42

Ilanga: _____

Ukuhlanganisa kanye nokukhupha ngama-100



Ukubala kanye nokutlola ngama-200!



100 + 304 + 100 + 403

= 200 + 700 + 7

= 277



Funyana iindlela ezimbili zokwenza lokhu. Tjengisa ipendulo enye nenye ngendlela ezimbili.

a. 132 + 123



Indlela yakaBusi

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

= 200 + 50 + 5

= 255



Indlela yaka-Dumi

132 + 123

= 200 + 50 + 5

= 255

b. 114 + 162

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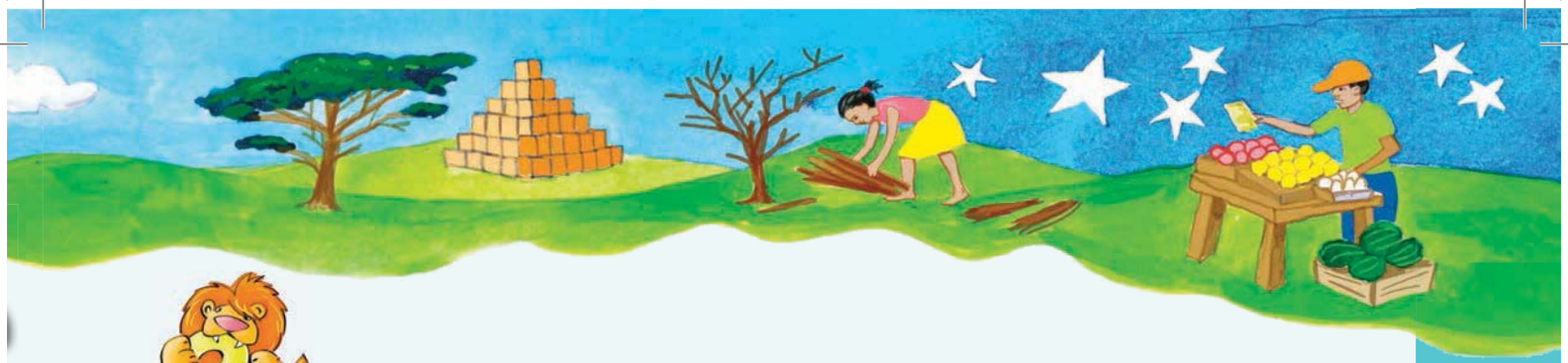
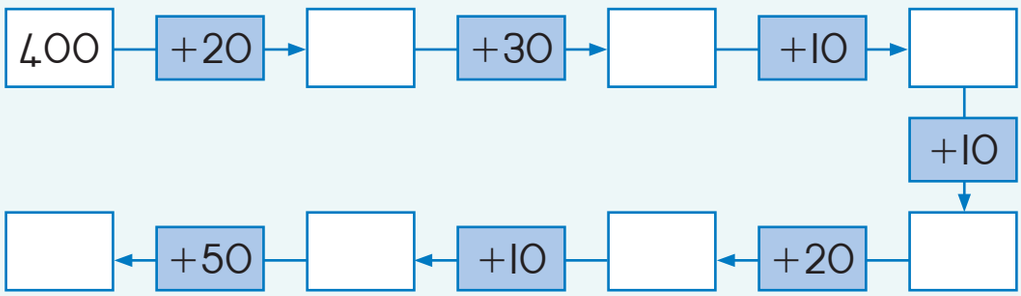


Yini itjhuguluko?

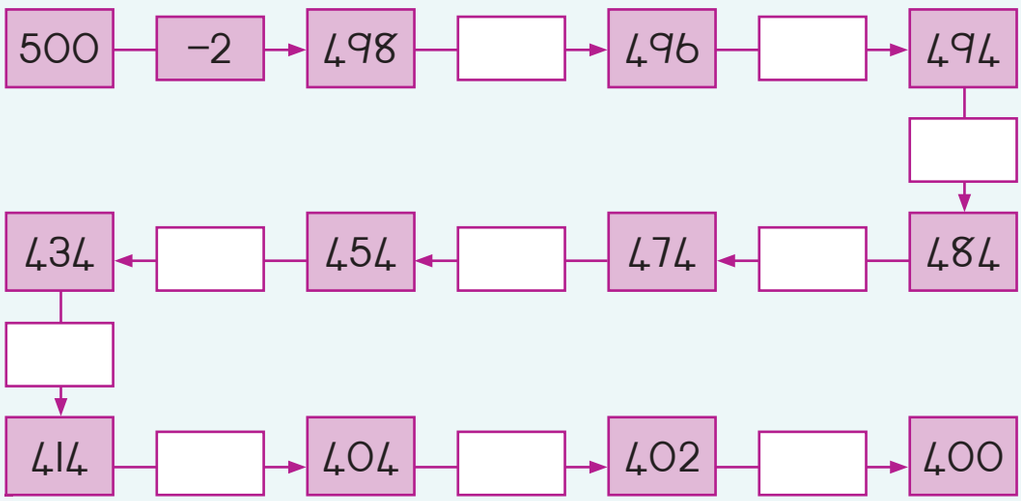
a. Bala uye phambili kusukela ema-400.

Thoma



b. Bala ubuyele emva kusukela ema-500.

Thoma



Phetha



Tjengisa iinomboro. Landela isibonelo.

Fumana ithothali yeenomboro lezi. Sebenzisa ikarada lakho leenomboro ukutjengisa ithothali ngayinye.

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

398 + 10		
424 + 10		
460 + 20		

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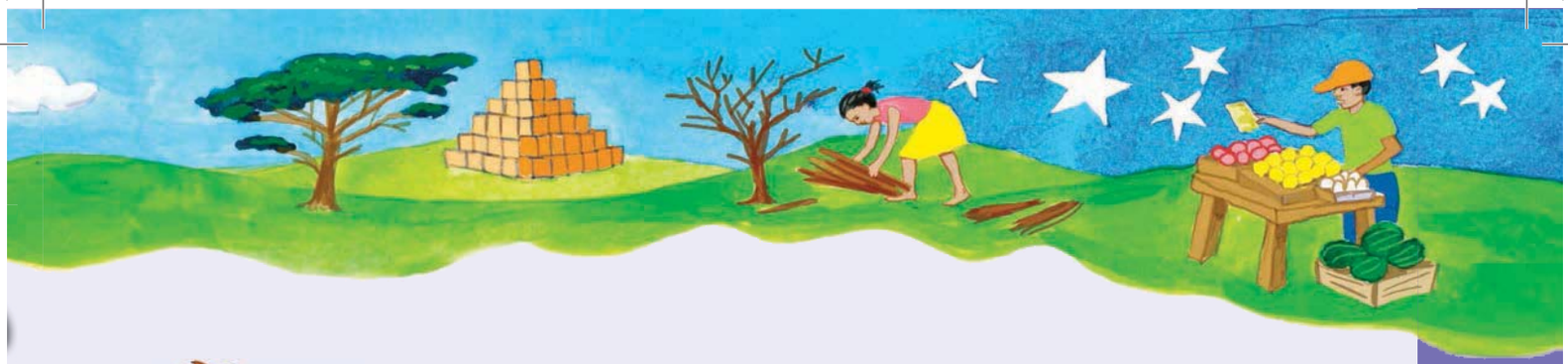



Qala! Cabanga, begodu phendula!

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

a.

Inomboro 16 izokuba libumbeko liphi? Tshwaya (✓) elilungileko. ✷ ● ☾

Inomboro 18 izokuba libumbeko liphi? Tshwaya (✓) elilungileko. ✷ ● ☾

Inomboro 23 izokuba libumbeko liphi? Tshwaya (✓) elilungileko. ✷ ● ☾

b.

Inomboro-50 izokuba li- ✷. Liqiniso namkha Mamanga?

Inomboro-10 izokuba li- ●. Liqiniso namkha Mamanga?

Inomboro-10 izokuba li- ☾. Liqiniso namkha Mamanga?



Hlolisisa. Madanisa. Lungisa.



Ngikuphi okunengi?

Ukuthola ama-R2.50 wesikhwama ngelanga enyangeni kaJuni noJulayi.

Nanyana ukuthola ama-R150 ngomhlaka 1 ku-Arhosi.

Tjengisa ukuthi uzoyisebenza njani.

Teacher:



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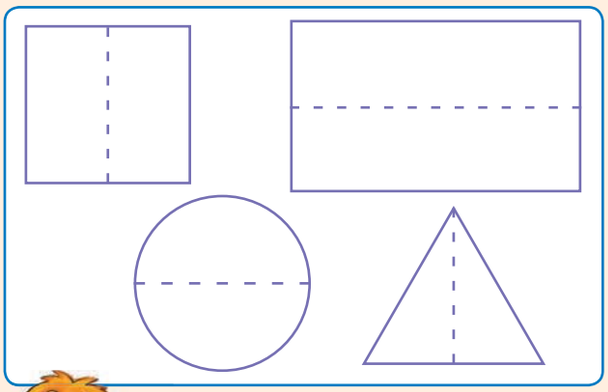
Ilanga: _____

Ukufana nca zoke

Ngikuphi okuyelelako ngamajamo?



Umuda wesimethri wehlukanisa amahafu amabili phakathi ukuze ihafu eyodwa itjengise ubujamo benye ihafu.

Ubujamo ngabunye bunayo isimethri lokha nawugoba phakathi bewuhlanganise iphepha ukuze ingcenye zombili zilingane.



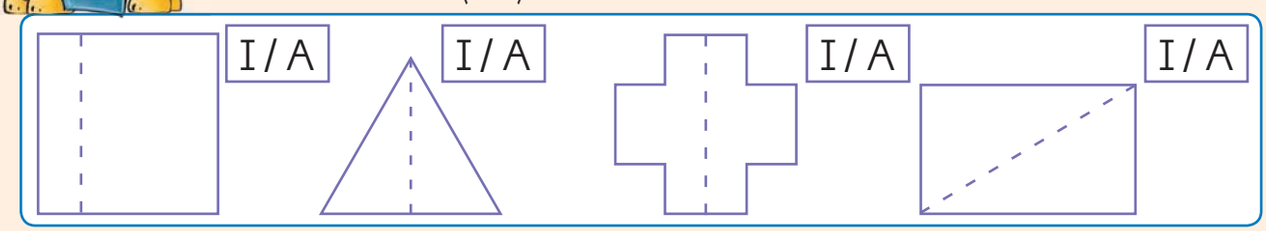


Gwala umuda olinganisa nca zoke ejameni ngalinye.



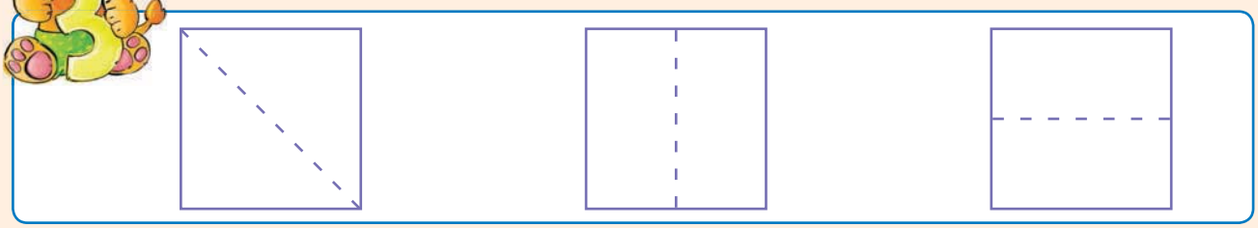


Ingabe umuda omacaphaza mumuda owenza kobana kulingane nca zoke? Ndulungela (Iye) nawuvumako namkha (Awa) nawulandulako.





Ingabe lowo mumuda olinganisa nca zoke? Kungani utjho njalo?





1 2 3 4 5 6 7 8 9 10

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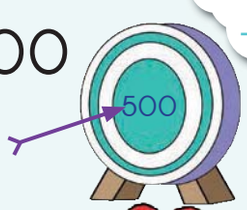
49

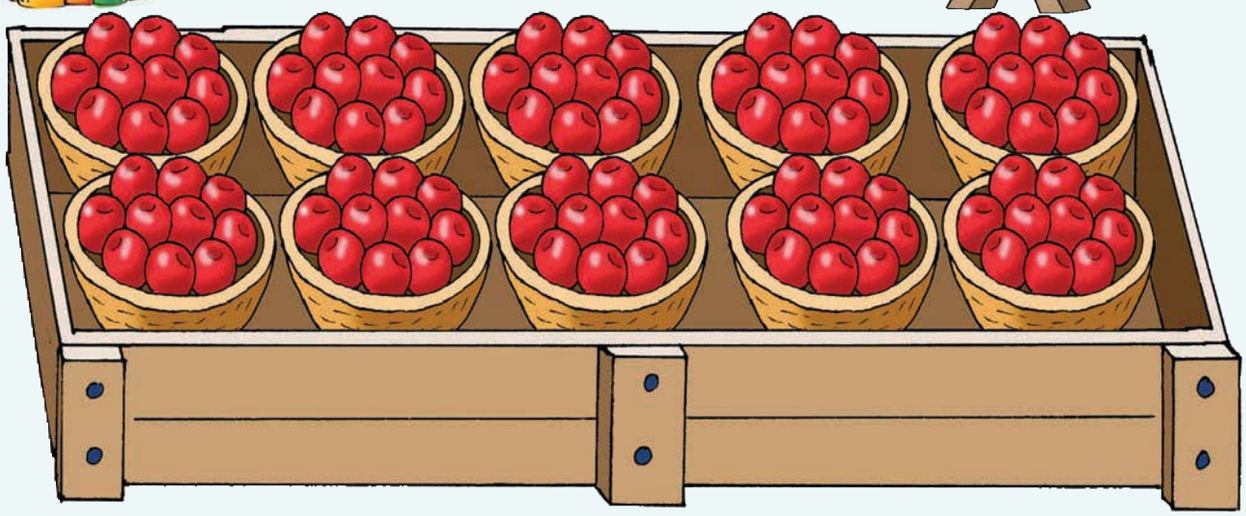
Ilanga: _____

Ukwakha ukufika ema-500





Bala ama-apula



Kunama-apula ali-10 ngemantjini mu-1.

Umantji owo-1 ufaka ama-apula _____.	$1 \times 10 = 10$
Abomantji aba-3 ufaka ama-apula _____.	$3 \times 10 =$
Abomantji aba-5 ufaka ama-apula _____.	
Abomantji aba-4 ufaka ama-apula _____.	
Abomantji aba-2 ufaka ama-apula _____.	

Ikhreyidi li-1 liphatha 100 wama-apula.	Amakhreyidi ama-2 aphatha _____ wama-apula.
Amakhreyidi ama-3 aphatha _____ wama-apula.	Amakhreyidi ama-4 aphatha _____ wama-apula.
Amakhreyidi ama-5 aphatha _____ wama-apula.	Amakhreyidi ama-2 nohafu aphatha _____ wama-apula.



1 2 3 4 5 6 7 8 9 10

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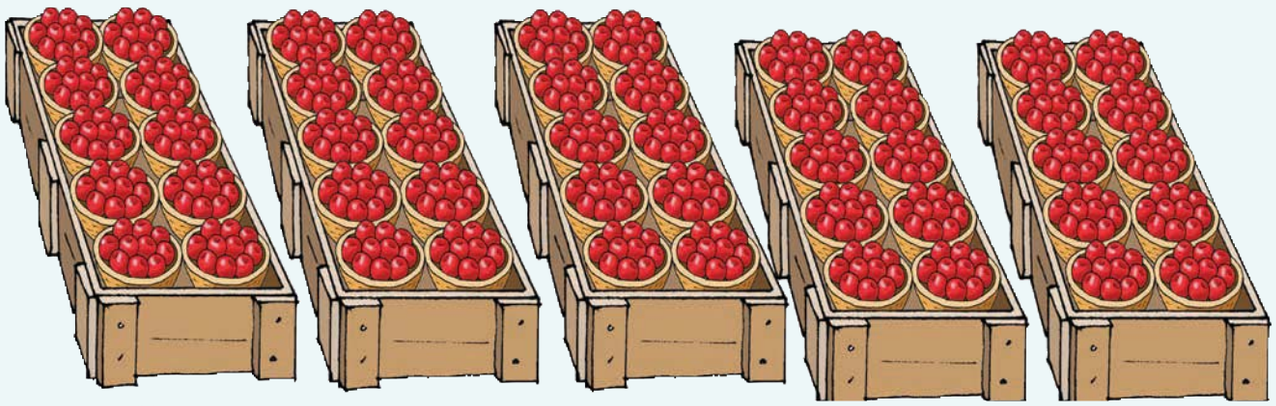
Kunama-apula ali-10 ngemantjini mu-1.

Kune _____ labomantji ngekhreyidini linye.

Kune _____ yama-apula ngekhreyidini linye.

Mangaki ama-apula alapho sekawoke? _____



Bala, utjengise bewutlole

Thoma ngokusebenzisa amakarada weenomboro ukutjengisa ithothali ngayinye. Bese utlola inomboro.

300 40 5

Amakhreyidi ama-3 + abomantji emi-4 + yama-apula 5 =345 yama-apula

Amakhreyidi ama-4 + abomantji emi-5 + yama-apula 7 = _____ yama-apula

Amakhreyidi ama-5 + abomantji emi-2 + yama-apula 3 = _____ yama-apula

Amakhreyidi ama-4 + abomantji emi-7 + yama-apula 2 = _____ yama-apula

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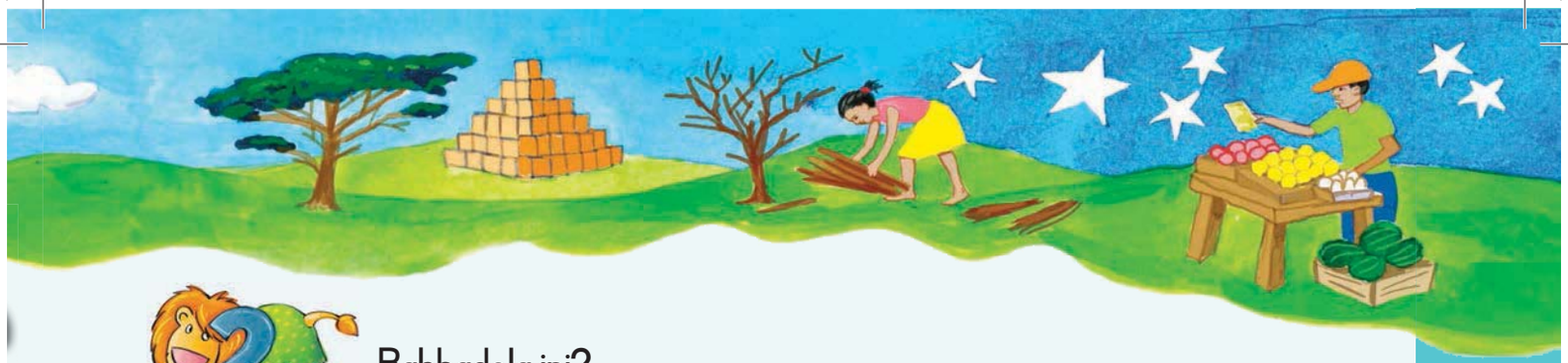


Babhadela ini?

UGwazi  uthenga zi-2  .

Ubhadela R

UKkz Chakane  uthenga zi-5  .

Ubhadela R

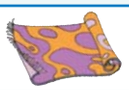
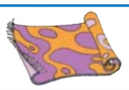
Nikela nje!
I-R50
yengubo yi-1



Isitolo sakaThembi 

sithenga ama-20  .

Ubhadela R

Zi-5  nge-R50 = R100	Zi-10  nge-R50 = R200
Zi-4  nge-R50 = R____	Zi-15  nge-R50 = R____
Zi-3  nge-R50 = R____	Zi-6  nge-R50 = R____
Zi-7  nge-R50 = R____	Zi-12  nge-R50 = R____
Zi-8  nge-R50 = R____	Zi-9  nge-R50 = R____



Kuzokuthatha isikhathi esingangani? Sebenzisa ikhalenda.



Itlasi lakagreyidi-3 libuthelela imali yokuthenga iingubo ezi-4. Babuthelela i-R5 ngelanga amalanga ama-5 ngeveke.

Bathoma ngoMvulo woku-1 wenyanga kaNtaka.

Imali abayifunako bazoyenza ngaliphi ilanga kuNtaka?



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Date:



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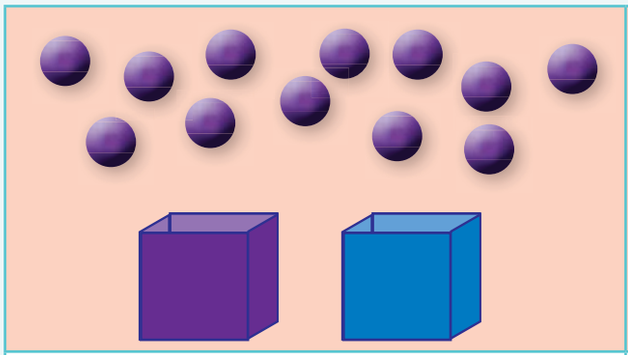
57

Ilanga: _____

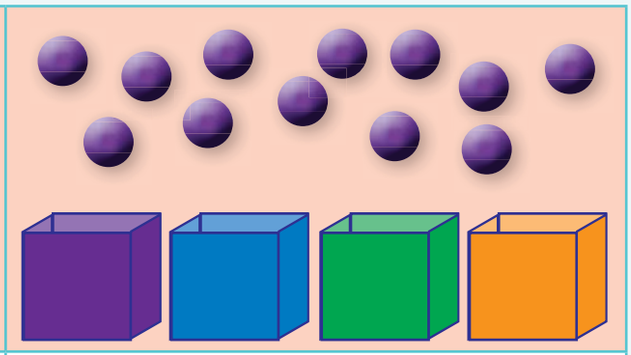
Amacezu: abohafu kanye namakota



Yehlukanisa ufake iimbholo ngemabhoksini amabili ngokulingana.

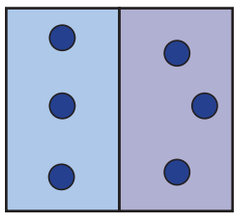


- Zingaki iimbholo ngebhoksini elinye nelinye? ☐
- Zingaki iimbholo ezingebhoksini eliphephuli? ☐
- Iimbholo ezingebhoksineliphephuli lenza cezu bani? ☐



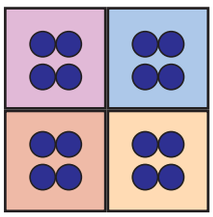
- Zingaki iimbholo ngakelinye nelinye ibhoksi? ☐
- Zingaki iimbholo ngebhoksini eliphephuli? ☐
- Iimbholo ezingebhoksini eliphephuli lilicezu bani? ☐





Ubale iiyingi ezingaki? ☐

Iyini i-$\frac{1}{2}$ yeeyingi? ☐



Ubale iiyingi ezingaki? ☐

Iyini i-$\frac{1}{4}$ yeeyingi? ☐

Iyini i-$\frac{2}{4}$ yeeyingi? ☐

Iyini i-$\frac{3}{4}$ yeeyingi? ☐

Iyini i-$\frac{4}{4}$ yeeyingi? ☐



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Faka umbala i-$\frac{1}{2}$ yejamo.

Faka umbala i-$\frac{1}{2}$ yejamo.

Faka umbala i -$\frac{2}{4}$ yejamo.

Faka umbala i - $\frac{3}{4}$ yejamo.



Qala umtletlana wamacezu

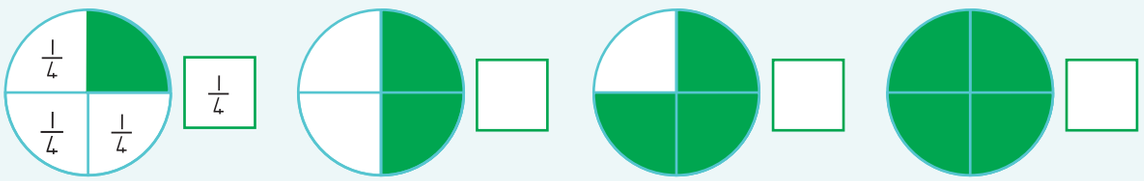
Oku-1 kokuphelelekо			
$\frac{1}{2}$		$\frac{1}{2}$	
$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$

a. Bangaki abohafu ($\frac{1}{2}$) abenza okukodwa okuphelelekо?

Mangaki amakota ($\frac{1}{4}$) enza okukodwa okuphelelekо?

Mangaki amakota ($\frac{1}{4}$) enza ihafu?

b. Qala amadayagramu bese utlola icezu lengcenye efiphaziweko.



c. Ngiliphi icezu elikhulu, i-$\frac{1}{2}$ nanyana $\frac{1}{4}$

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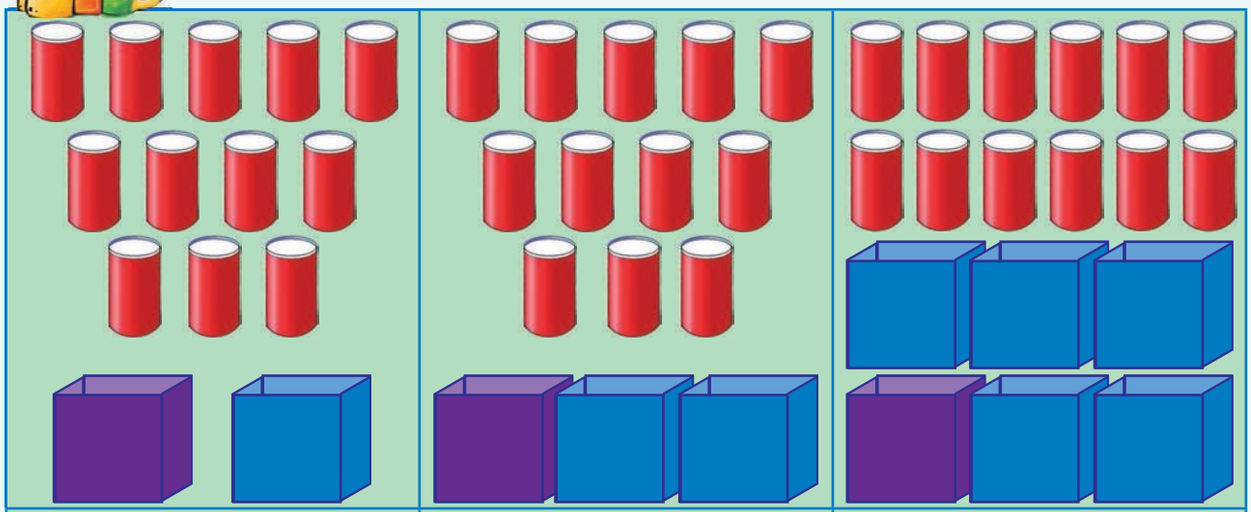
Ilanga: _____



Amacezu: abohafu, kunye kokuthathu kanye nakunye kokusithandathu

Yehlukanisa amakotikoti (amasilinda) ngokulinganako uwafake ngemabhoksini.



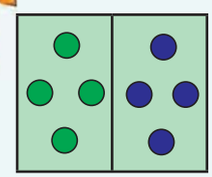
Inani leembholo:

- Zingaki iimbholo ngebhoksini elinombala ophephuli? **12**
- Licezu bani elingaphakathi kwebhoksi eliphephuli ngombala? **6**

$\frac{1}{2}$

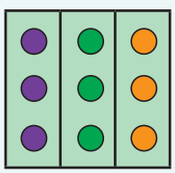


Qala iinthombe bese uphendula imibuzo.



Ubale iiyingi ezingaki? ☐

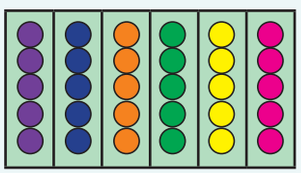
Yini i-$\frac{1}{2}$ yeeyingi? ☐



Yini i-$\frac{1}{3}$ yeeyingi? ☐

Yini i-$\frac{2}{3}$ yeeyingi? ☐

Yini i-$\frac{3}{3}$ yeeyingi? ☐



Yini i-$\frac{1}{6}$ yeeyingi? ☐

Yini i-$\frac{2}{6}$ yeeyingi? ☐

Yini i-$\frac{3}{6}$ yeeyingi? ☐

Yini i-$\frac{4}{6}$ yeeyingi? ☐

Yini i-$\frac{5}{6}$ yeeyingi? ☐



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Eng Num Cut-outsGeneric.indd 145 2012/06/07 3:46 PM

Cut-out 3

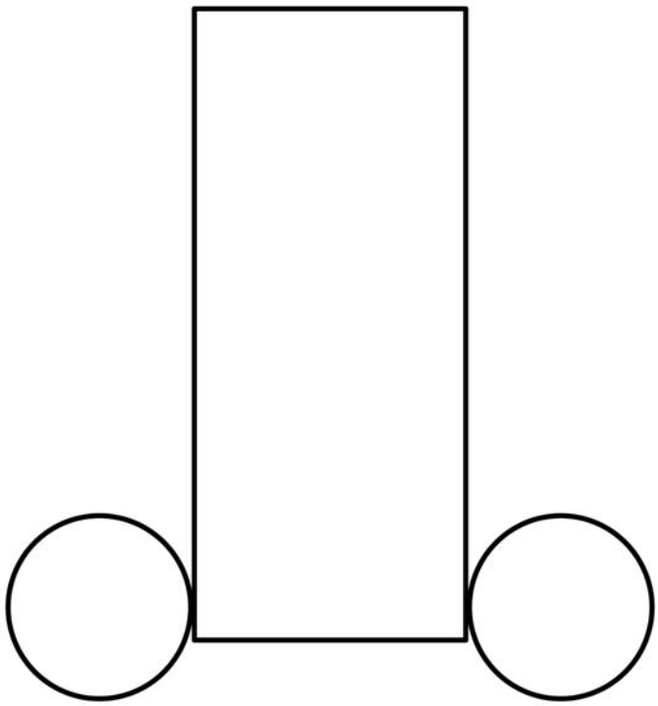
1	1	0	1	0	0
2	2	0	2	0	0
3	3	0	3	0	0
4	4	0	4	0	0
5	5	0	5	0	0
6	6	0	6	0	0
7	7	0	7	0	0
8	8	0	8	0	0
9	9	0	9	0	0

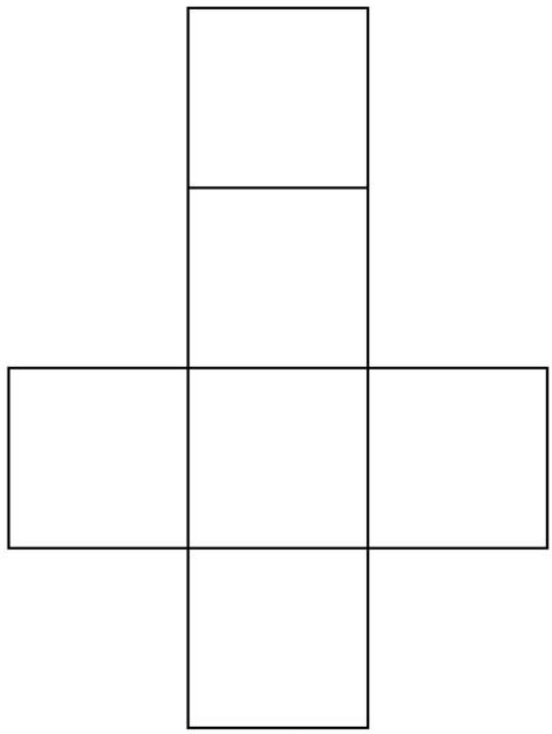
Cut-out 4

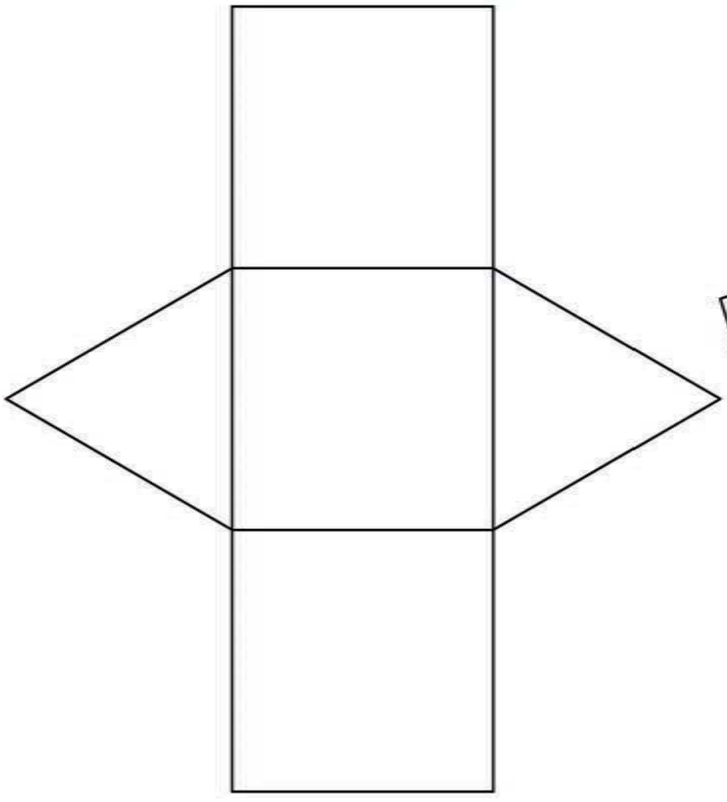
Eng Num Cut-outsGeneric.indd 146 2012/06/07 3:46 PM

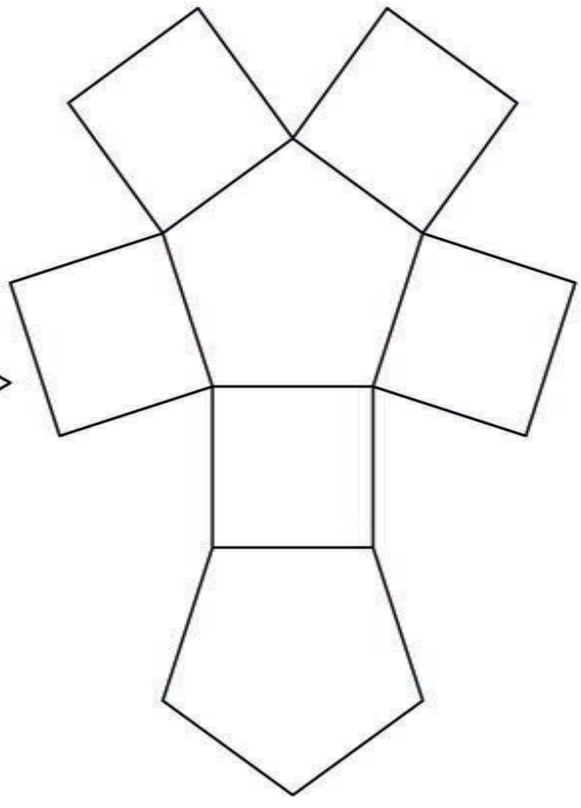
1	0	0	1	0	1
2	0	0	2	0	2
3	0	0	3	0	3
4	0	0	4	0	4
5	0	0	5	0	5
6	0	0	6	0	6
7	0	0	7	0	7
8	0	0	8	0	8
9	0	0	9	0	9

Cut-out 5

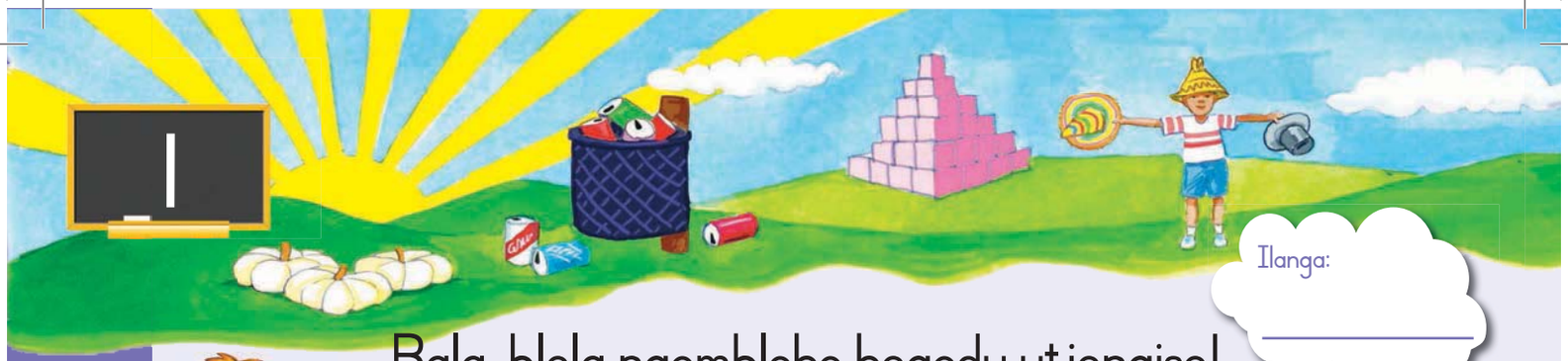








Eng Num Cut-outsGeneric.indd 148 2012/06/07 3:46 PM



Ilanga: _____

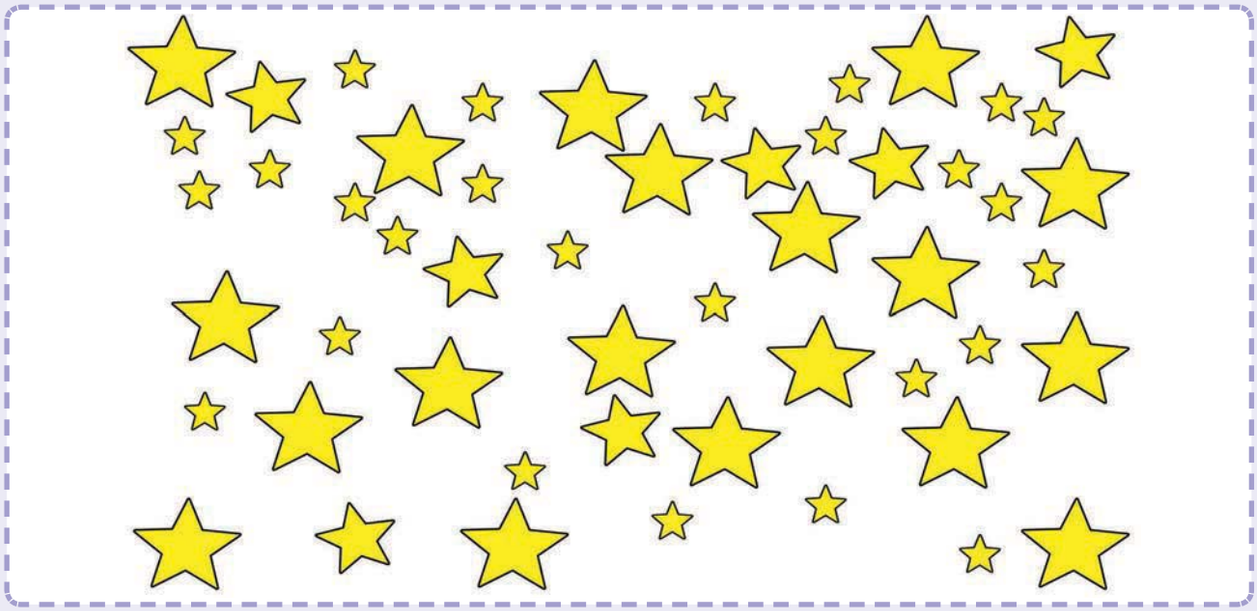
Bala, hlela ngomhlobo begodu utjengise!



Ziinkwekwezi ezingaki?

Sebenzani ngesiqhema sangabane.

Madanisa iimpendulo.



Linganisa kobana ziinkwekwezi ezingaki. _____

Kwanjesi zibale! _____



Thola othumbileko!

Ngubani olinganise kuhle khulu?

Zalisa amabizo wakho neempendulo etheyibuleni le.

Ibizo				
Isilinganiso				
Inomboro ebaliweko				
Umehluko hlangana nesilinganiso sakho nokubala kwakho				



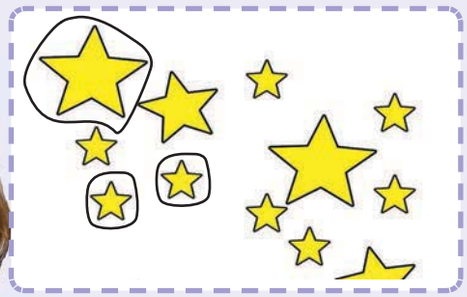
NDEBELE Num Gr3 WS1-35.indd 2 2012/05/30 1:25 PM



Iindlela zokubala. Sisiza ukuzitlola.



Ngibale ngaku-1.



1, 2, 3, _____
_____



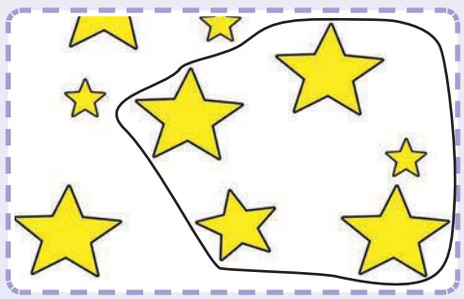
2, 4, 6, _____
_____



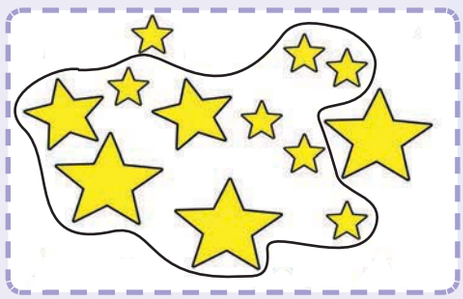
Ngibale ngaku-2.



Ngibale ngaku-5.



5, _____
_____



_____
_____



Ngibale ngaku-5 begodu na nge-10.



Tlola iinomboro zemitjho

Lokha nawuhlanganisa iinomboro ezinye nezinye ezimbili akwenzi litho kobana zilandelana njani.

Tlola imitjho emibili ukunikela ithothali yesibalo seenkwekwezi ezikulu nezincani. Zitlole ngeendlela ezimbili.

Ekulu Encani Ngendlela le *namkha* ngendlela le

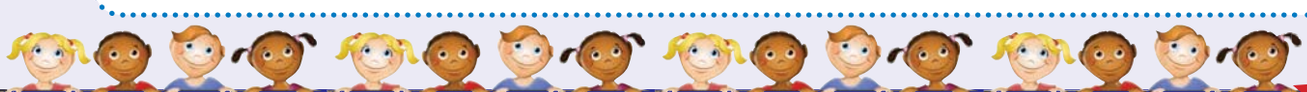
 +  = _____

 +  = _____

godu njengenomboro yomutjho.

_____ + _____ = _____ *namkha* _____ + _____ = _____





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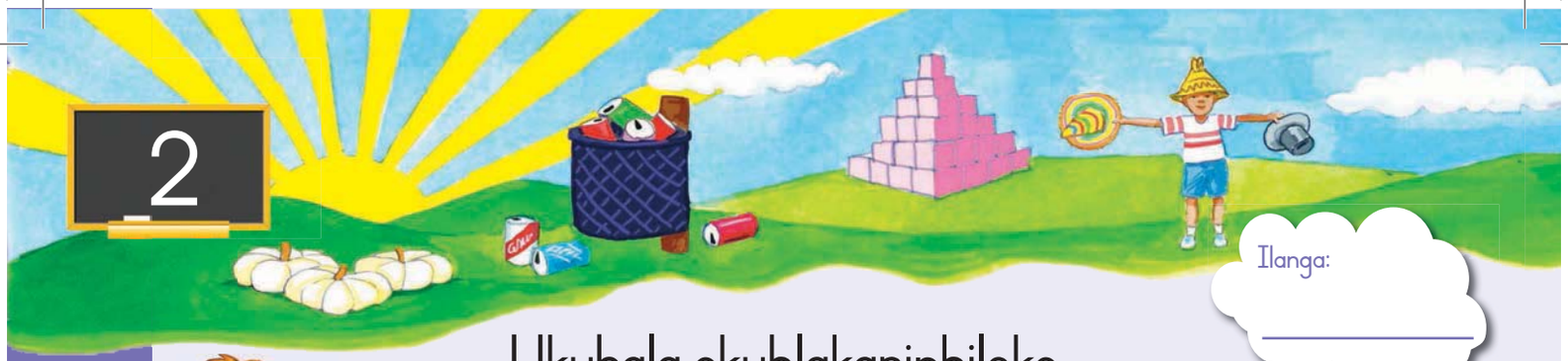


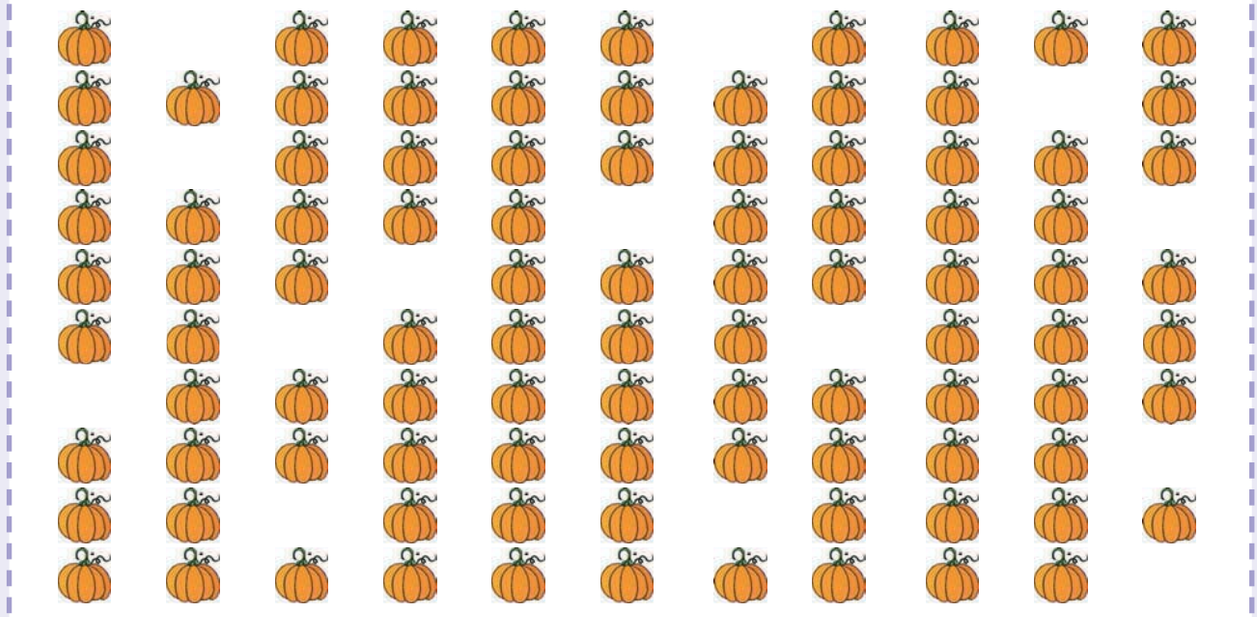
Ilanga: _____

Ukubala okuhlakaniphileko



Bala amathanga

Fumana indlela elula yokuwabala.



Ipendulo: _____



Paka amathanga

Amathanga alitjhumi angena ngemgodleni munye.



Mingaki imigodla? _____

Kusele amathanga amangaki? _____

Mangaki amanye amathanga ekusafanele azalise omunye umgodla? _____



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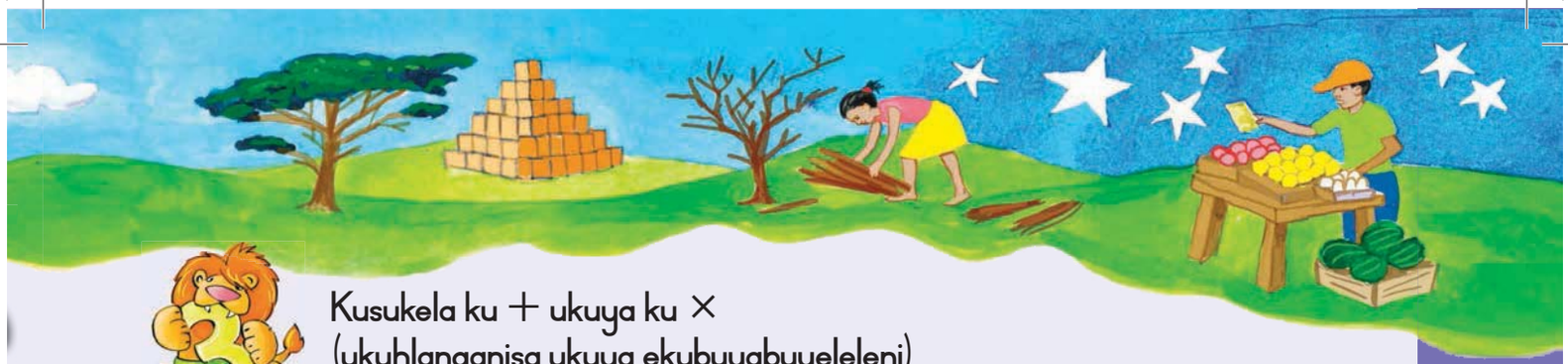

Kusukela ku + ukuya ku × (ukuhlanganisa ukuya ekubuyabuyeleleni)

Tlola iinomboro zomutjho.

Isibonelo:
10 + 10 + 10 + 10 = 40 ⟹ 4 ezinengi ezili- 10 = 40 ⟹ 4 × 10 = 40



a. 10 + 10 + 10 = _____

_____ ngeenqhema ze- 10 = _____ ⟹ _____ × _____ = _____



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

_____ ngeenqhema ze- 10 = _____ ⟹ _____ × _____ = _____



Izandla nemino



Izandla ezingaki? _____ Imino emingaki?_____

Tlola ipendulo yakho ngeendlela ezi-2.

_____ ngeenqhema ze- 10 = _____ begodu _____ × 10 = _____

Teacher:
Sign:
Date:

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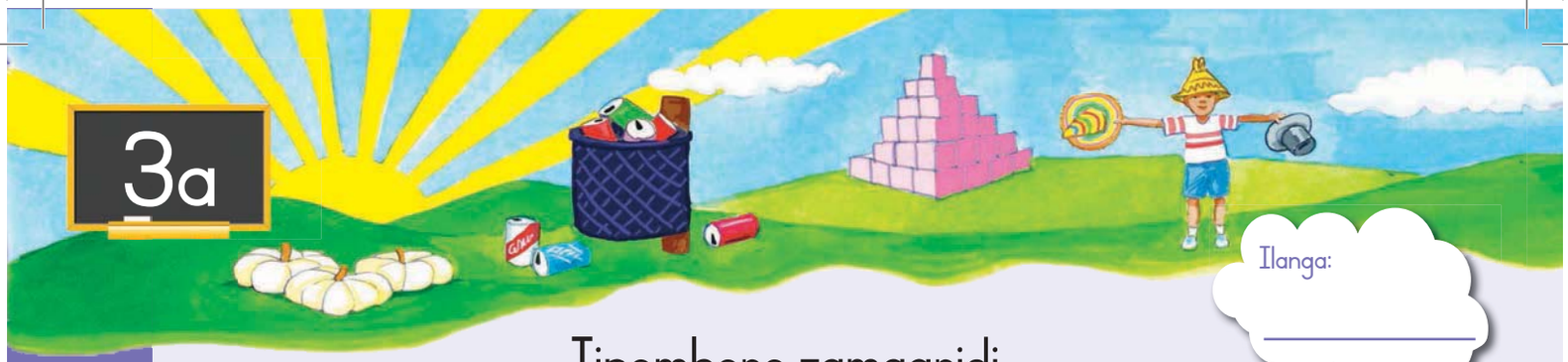

3a

Ilanga: _____

Iinomboro zamagridi



Iinomboro ezikhulumako

Bala bewutjho zoke iinomboro kusukela ku-1–100. Khomba nawulokhu ukhamba.

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



a. Tlola inomboro etlhayelako ngebhlogweni ngalinye elihlaza kwesibhakabhaka.

b. Tlola ngaphakathi kwezinye iinomboro.

c. Sizibiza ngaliphi iinomboro ezisarulani?



Tlola iinomboro ngamagama

90	amatjhumi athobako	41	
77		56	
14		65	



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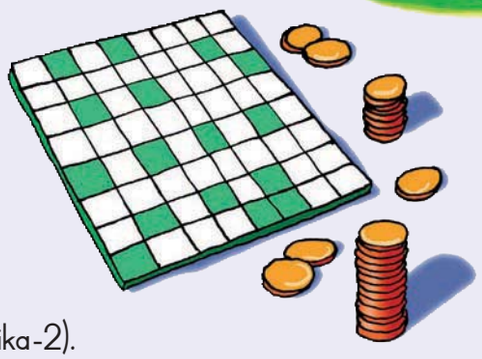
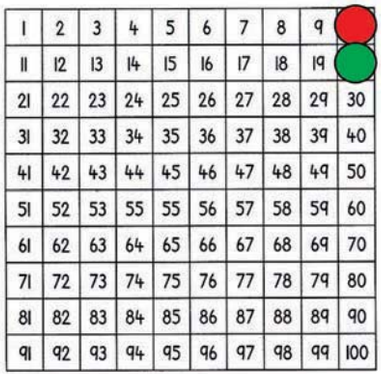
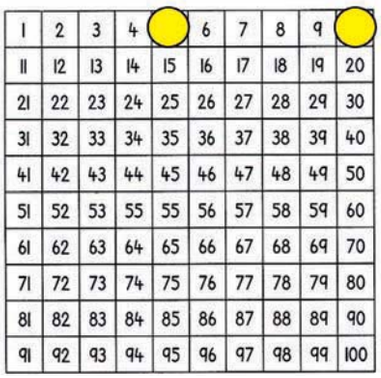
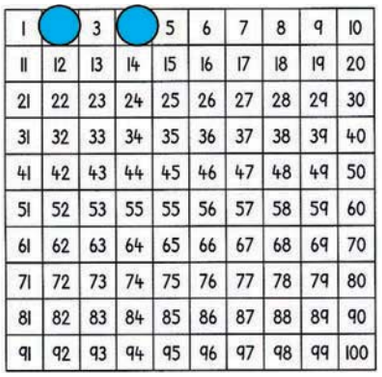
Uzokutlhoga inomboro yegridi esuka ku-1–100.

Bala begodu ukhavare



Thumbusa ikhasi lakho oSike kilo yi-1 yeembalisi.
Zibeke emabuthelelweni apakwe kuhle.
Lungela ukubala!
Sebenzisa igridi yakho yeenomboro neembalisi zakho (Sika usika-2).

		
Bala begodu uvale ama-10.	Bala ngokuvala abo-5 kusukela ku-0 ukuya e-100.	Bala bewuvale aba-2.
Bala ngama-10 kusukela ku-10 ukuya e-100.	Bala ngaku-5 kusukela ku-5 ukuya e-100.	Bala ngaku-2 kusukela ku-2 ukuya e-100.
Tlola ama-10 ukuya e-100.	Tlola ngaku-5 ukuya ema-80.	Tlola ku-2 ukuya ema-50.

Teacher:
Sign:
Date:

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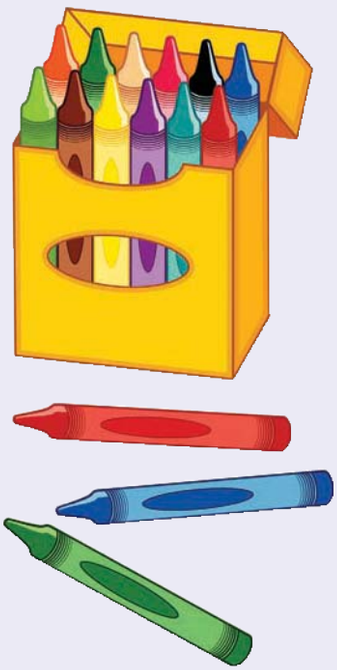
3b

Ilanga: _____

Iinomboro zamagridi (ziragela phambili)

Qala amaphetheni

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



Tshwaya woke ama-10.	Tshwaya koke okungaku-5.	Tshwaya koke okungaku-2.

Tlola iinomboro ezima-20 zokuthoma ezimaphetheni angama-2 begodu nezingama-5.

_____

_____

_____

_____



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Amaphetheni wokubala

Zalisa iinomboro ezitlhayelako.

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

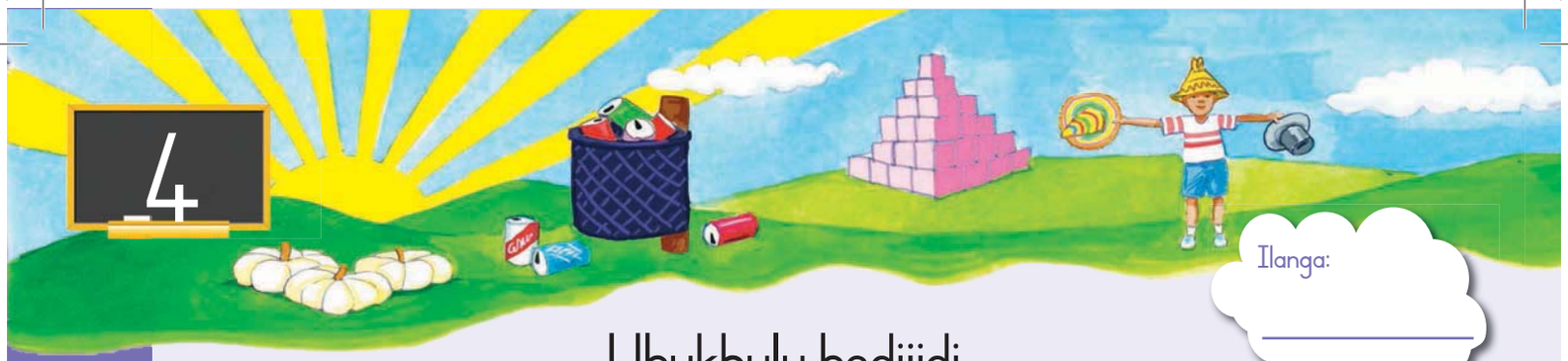
Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

NDEBELE Num Gr3 WS1-35.indd 9 2012/05/30 1:25 PM



Ilanga: _____

Ubukhulu bedijidi



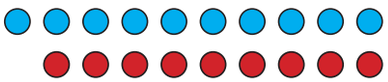
Tjengisani iinomboro zenu

Sika amakarada weenomboro kusukela enomborweni yakaSika-3.
Sebenzisani amakarada ukwakha iinomborwezi.

19 43 69 54 35 10 9



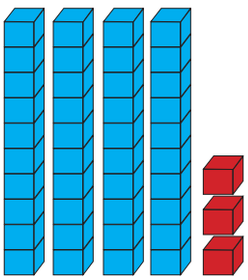
19



10 9

10 + 9 = 19

43



10
10
10
10 3

40 + 3 = 43

Kwanje zenzele wena ngokwakha ngeenomboro lezi usebenzise uSika-1 kufika-3.

54

35

69



1 2 3 4 5 6 7 8 9 10

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Tlolani iinomboro lezi

Sesinenzele yokuthoma.

Singatjho godu kobana abo-1 abali-9

19	10 + 9	itjhumi li-1 + 9 kanye	itjhumi nethoba
43			
69			
54			
35			
21			
73			
44			
32			
89			
17			
95			
56			
68			
67			



Tlolani iinomboro ezihlanu ngokulandelana kusukela kencani khulu ukuya kekulu khulu

_____; _____; _____; _____; _____

Teacher:

Sign:

Date:



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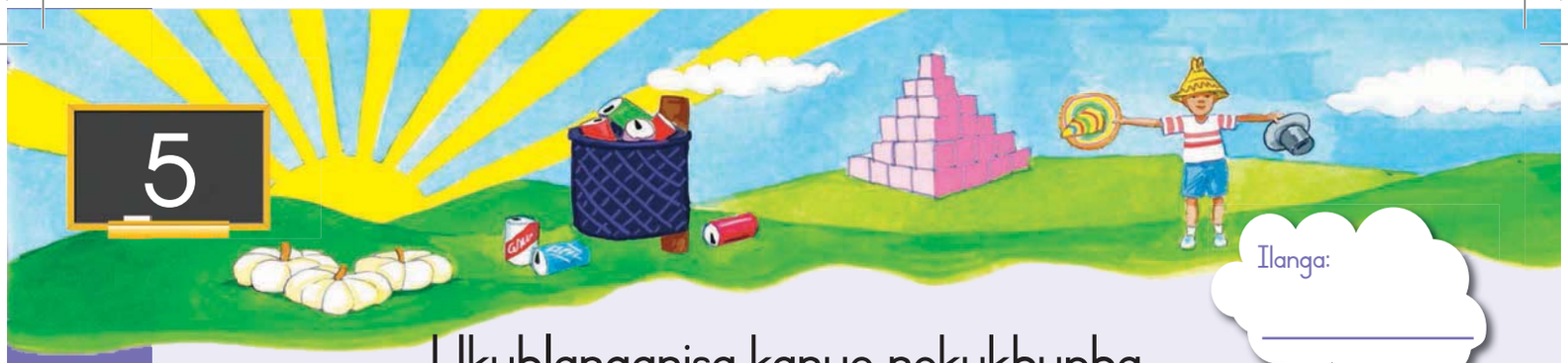


Ilanga: _____

Ukuhlanganisa kanye nokukhupha



Isitolo sakaLebo

Ekuseni uLebo uneempakana ezima-31 zama-apula.
Ngesikhathi sesidlo semini sele asele neempakana ezili-13.



a. Ingabe uLebo uthengise iimpakana ezingaki? ____

b. Tlola ipendulo yakho njengenomboro yomutjho.

_____ – _____ = _____

Tlola enye inomboro yomutjho ukutjengisa ipendulo efanako.
14 – 9 = 6 _____ _____ _____ _____ _____



Nombora

Tlola iimpendulo.

1+2=3

Sebenzisa...
+ – =

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 = ☐

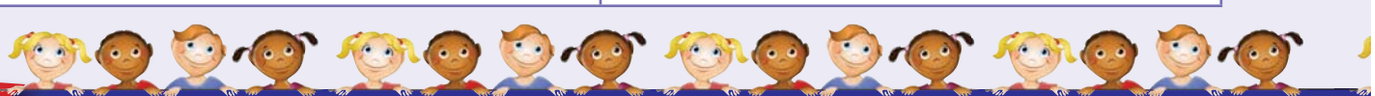


Nombora imindeni

5 9 14

Nazi iimbonelo zeenomboro yemindeni.

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



1 2 3 4 5 6 7 8 9 10

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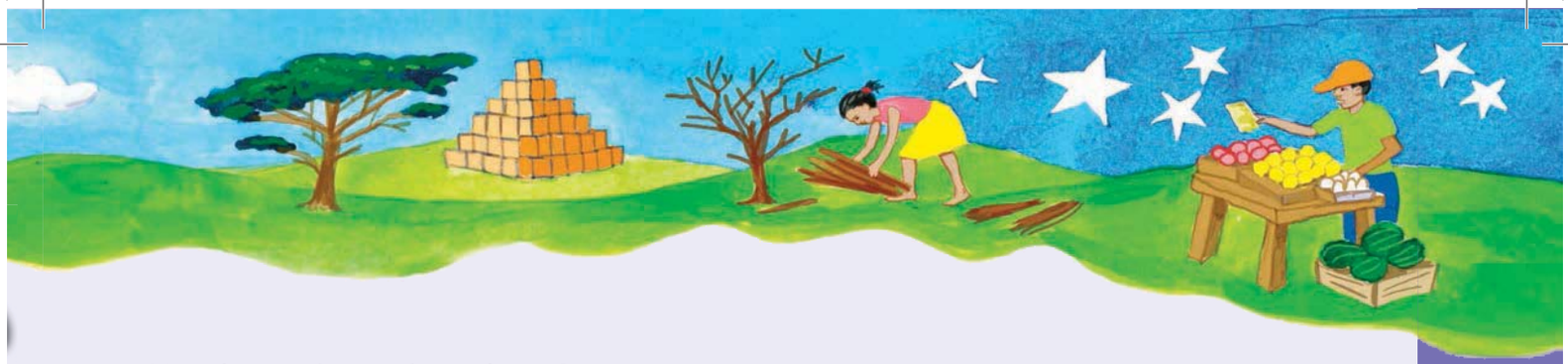

Uyayibona yoke imindeni yabo-14?

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



Ngiyokwenza okufanako nge-12.

12

1 + 11 = 12			

Teacher:
Sign:
Date:



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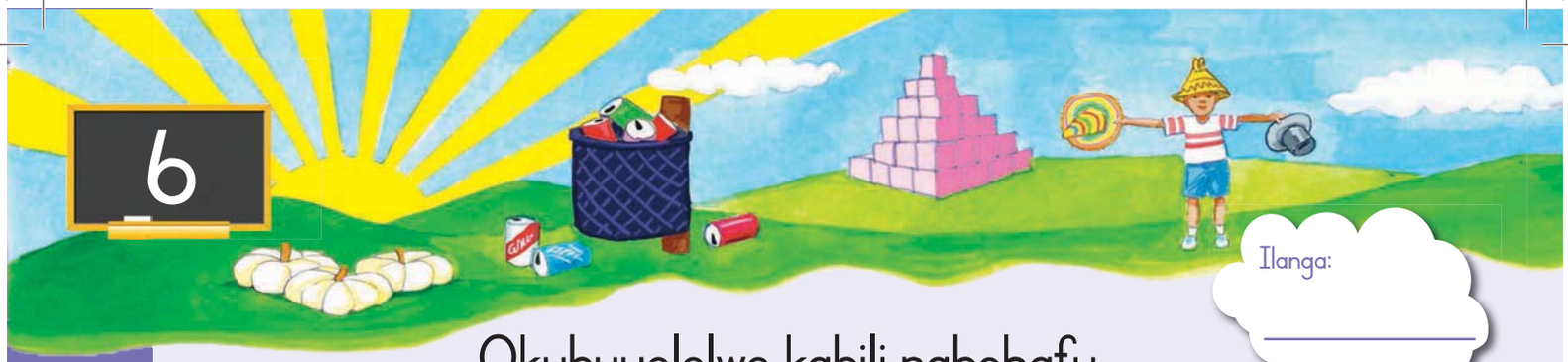


Ilanga: _____

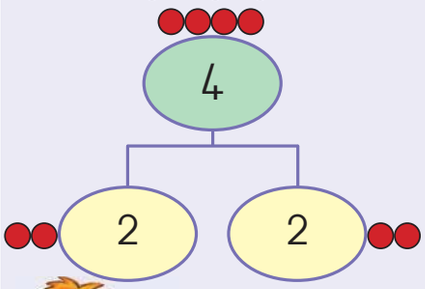
Okubuyelelwe kabili nabohafu

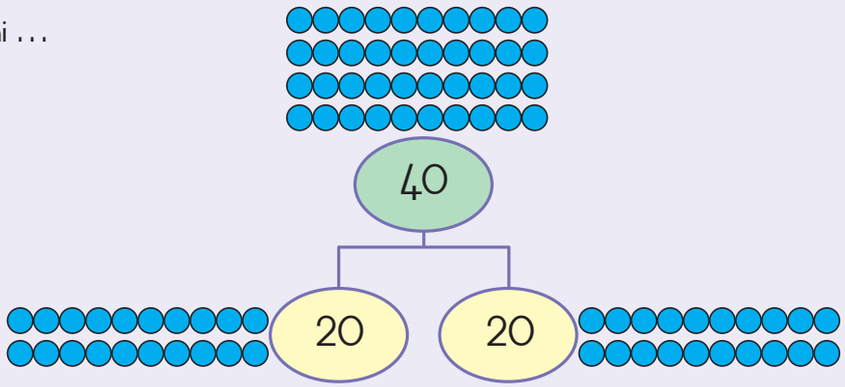
Niyakhumbula?

u-2 kuyihafu yaka-4
ku-4 kukubuyelelwa kabili u-2

ama-20 ayihafu yama-40
ama-40 akubuyelelwa kabili kwama-20

Lokhu singakutjengisa emdwebeni …

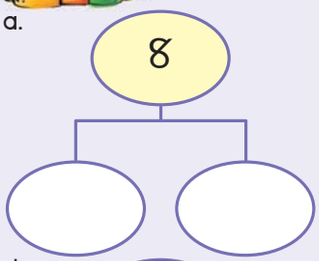




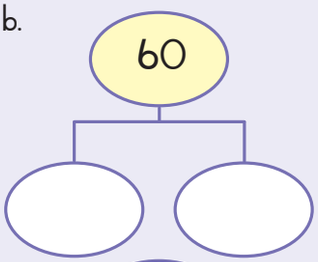


Fumanani okubuyelelwe kabili namkha abohafu

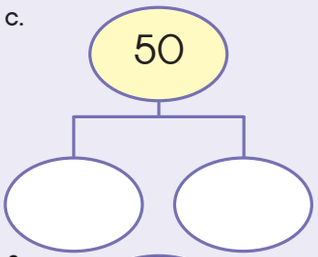
a.



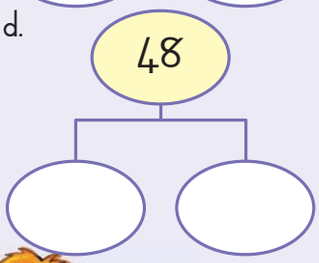
b.



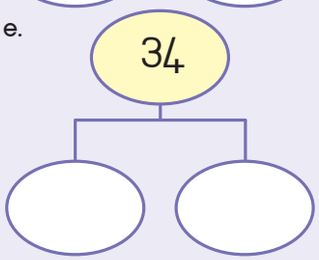
c.



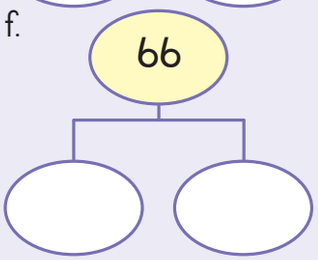
d.



e.



f.





Iselele

Fumanani ihafu yaku-3

Tjengisani njengenomboro namkha ibizo lenomboro.
Umqwalo ungakusiza.



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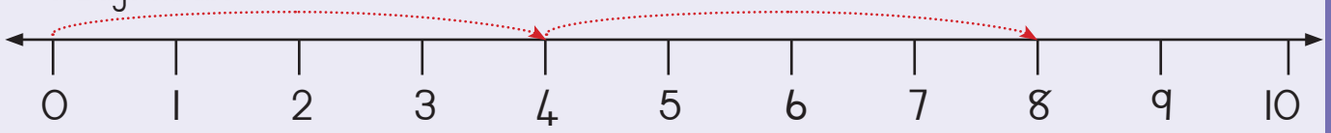
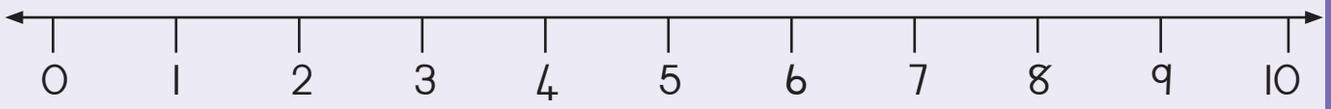
Buyelela inomboro usebenzise inambalayini.
Wenzelwe isibonelo.

a. Buyelela abo-4 | 4 | + | 4 | = | 8 |



b. Buyelela abo-5 | | + | | = | |



c. Buyelela abo-20 | | + | | = | |



d. Buyelela abo-40 | | + | | = | |





Qedelela okulandelako

a. Buyelela abo-1	2
b. Buyelela abo-6	
c. Buyelela abo-10	
d. Buyelela abo-30	
e. Buyelela abo-50	



Qedelela okulandelako

a. Ihafu yaka-6	3
b. Ihafu yaka-8	
c. Ihafu yaka-14	
d. Ihafu yaka-60	
e. Ihafu yaka-70	





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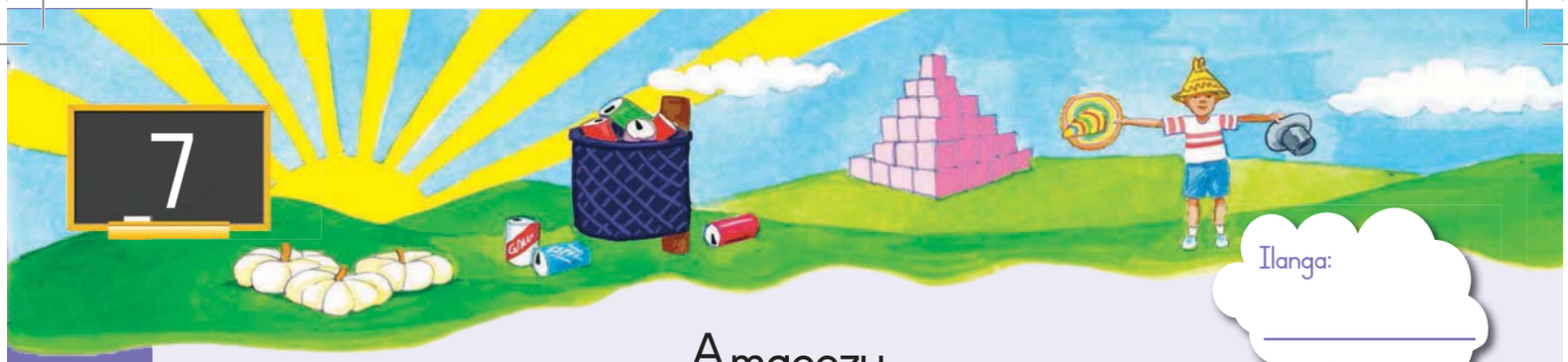
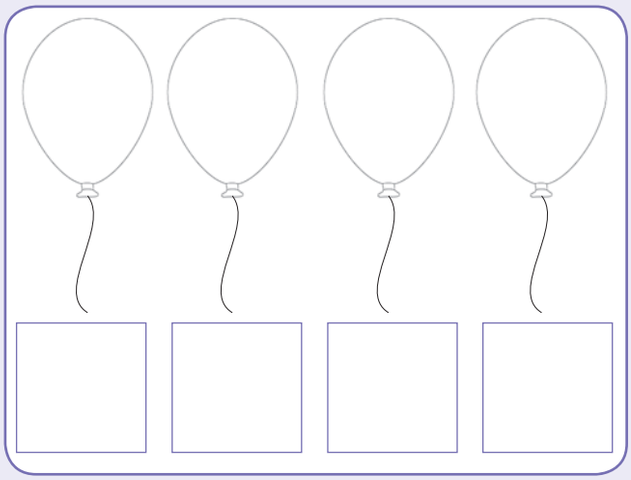


Ilanga: _____

Amacezu

Faka umbala ikotara yamabhaloni ngokubovu bese kuthi asalako abe ngokuhlaza sasibhakabhaka.

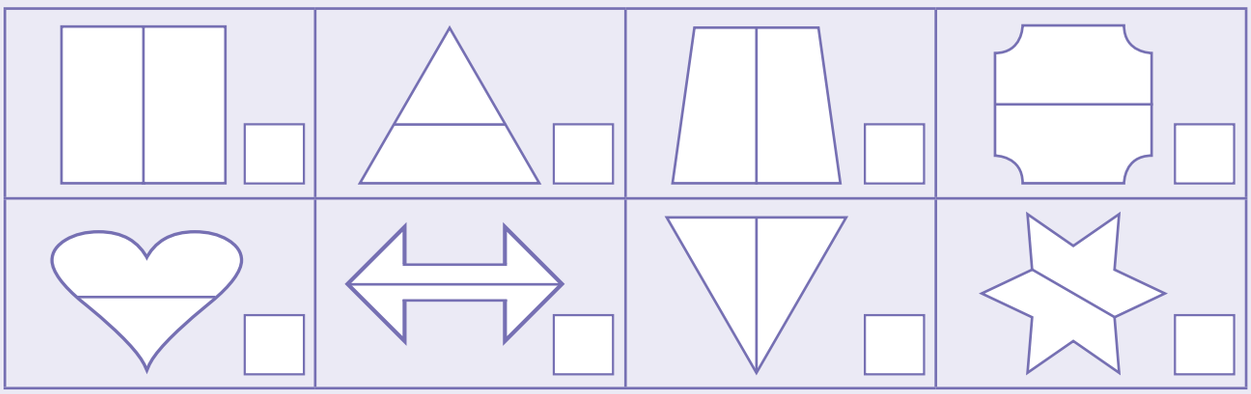
Faka umbala obuvo encenyeni eyihafu yebhoksi.





Qala iinthombe. Tshwaya amajamo atjengisa abohafu.

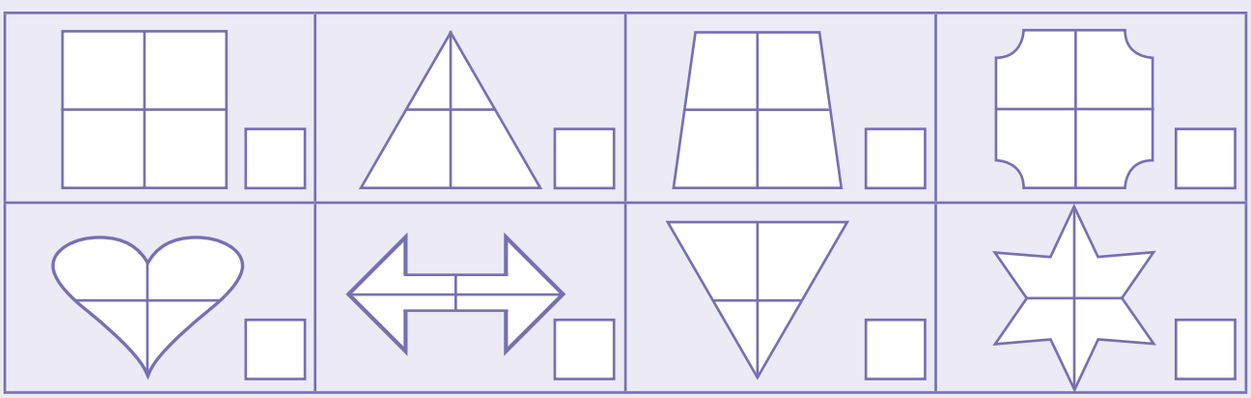
Faka umbala engcenyeni enye nenye eyehlukaniswe yaba yihafu.





Qala iinthombe. Tshwaya amajamo atjengisa amakotara.

Faka umbala ikota enye nenye yamajamo ahlukaniswe aba makota.





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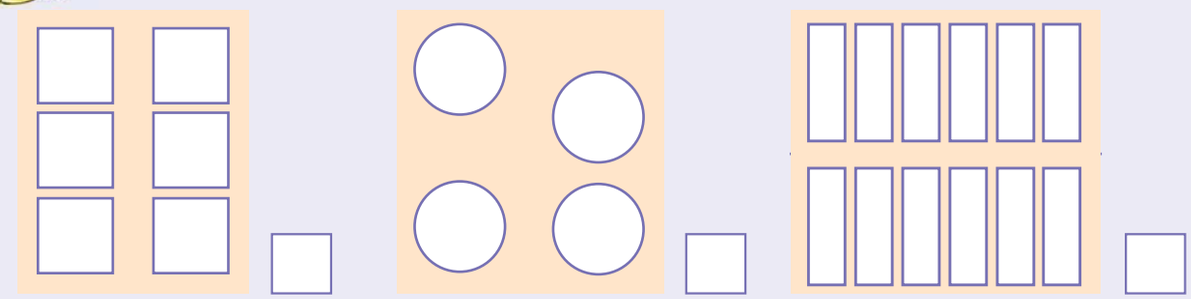
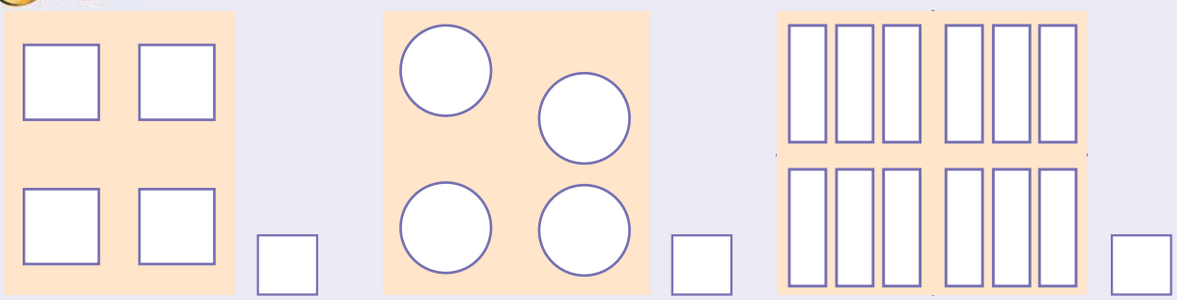
Faka umbala ihafu yamajamo. Iyini ihafu yenani lamajamo?





Faka umbala ikota yamajamo. Iyini ikota yenani lamajamo?

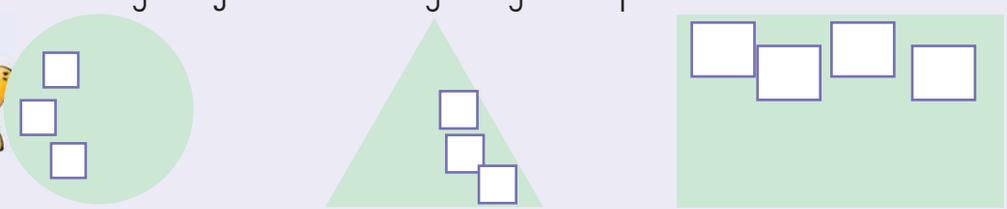




Tlola itshwayo lecezu. ihafu eyodwa ☐ ikota eyodwa ☐

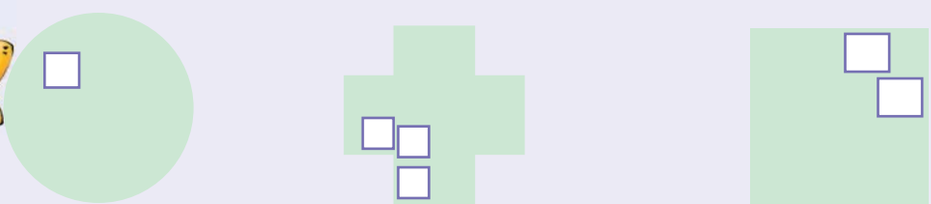


Gwala amanye amajamo ukwenza enye nenye ihafu iphelele.





Gwala amanye amajamo ukwenza enye nenye ikota iphelele.





Teacher:

Sign:

Date:



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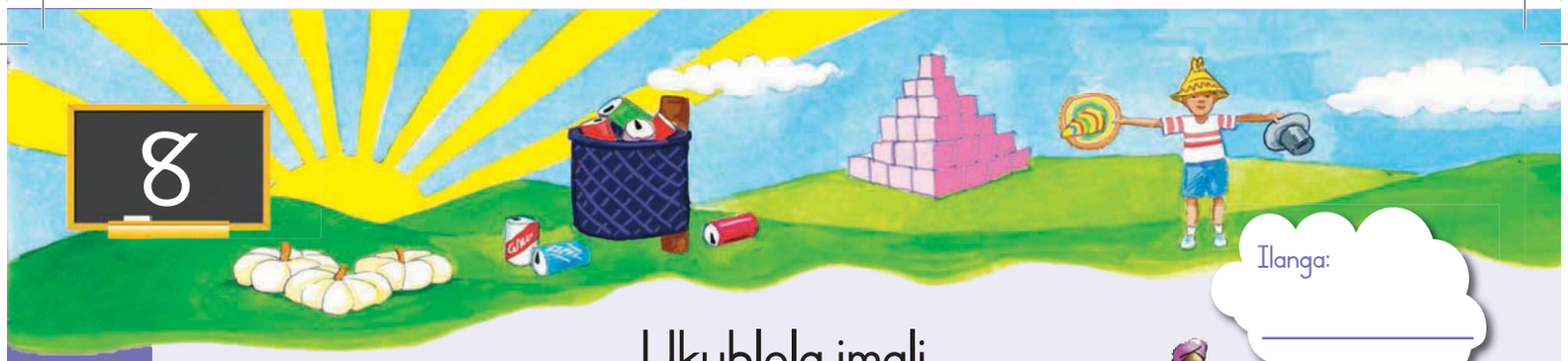
NDEBELE Num Gr3 WS1-35.indd 17 2012/05/30 1:25 PM



Ilanga: _____

Ukuhlela imali



Esitokfeleni

UMma Lubisi ubala begodu ahlukanisele isiqhema imali.





Linganisa inani lemali.	R_____
Bala imali.	R_____

Madanisa, ulinganise begodu ufunyane ithothali.



Ukubulunga imali



UGugu ubulungela ipara yamanyathelo ebiza-R89.
Bekube nje selanehafu yemali.
Ingabe usatlhoga malini ngaphezulu?
Tlola inomboro yomutjho ukutjengisa ipendulwakho.

_____ _____ _____



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Ebhanka

UMaria wehlukanise imali yamaphepha ngamabuthelelo wama-10.
Usalelwe ngenye imali yamaphepha.
Tlola amathothali wesithombe ngasinye.



	Inani
	R_____
	R_____
	R_____



Iselele

Ivakatjho lokuya e-zoo

Abanye abantu abadala nabentwana baya e-zoo.

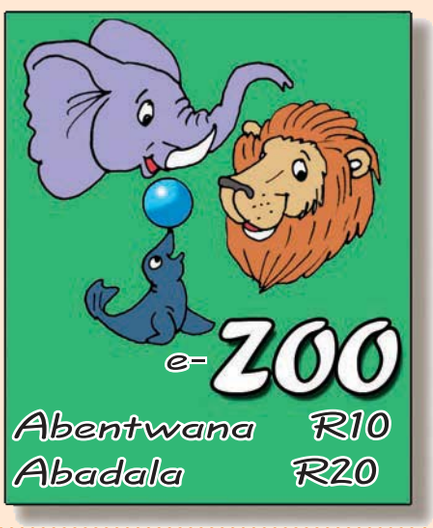
Bathenga amathikithi nge-R90.

Ingabe abentwana bangaki? _____

Ingabe abantu abadala bona bangaki? _____

Ingabe ikhona enye ipendulo?

Abadala _____ Abentwana _____



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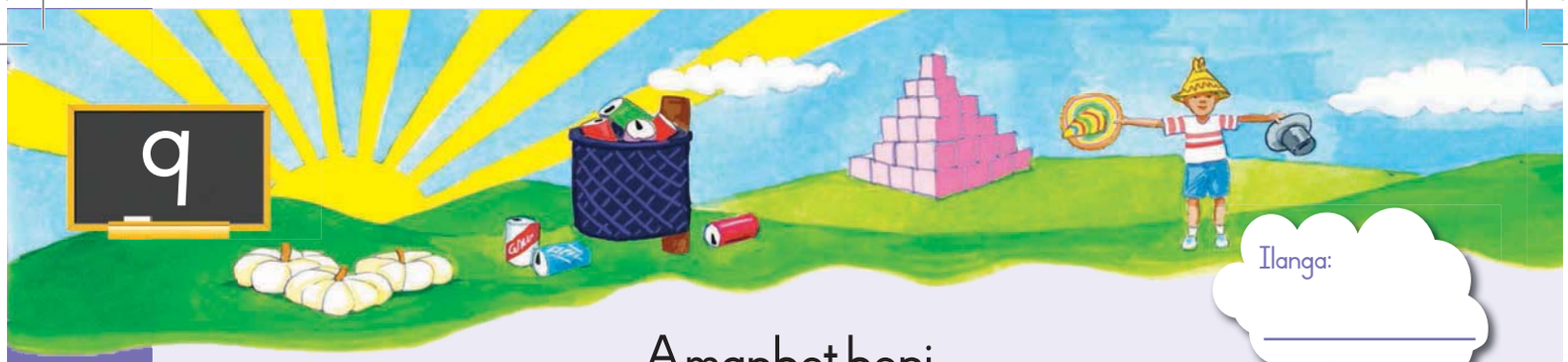
Date:



11 12 13 14 15 16 17 18 19 20

NDEBELE Num Gr3 WS1-35.indd 19 2012/05/30 1:25 PM



Ilanga: _____

Amaphetheni



Sebenzisa ibhodi yeenomboro ezima-200 ukuphendula imibuzo.

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

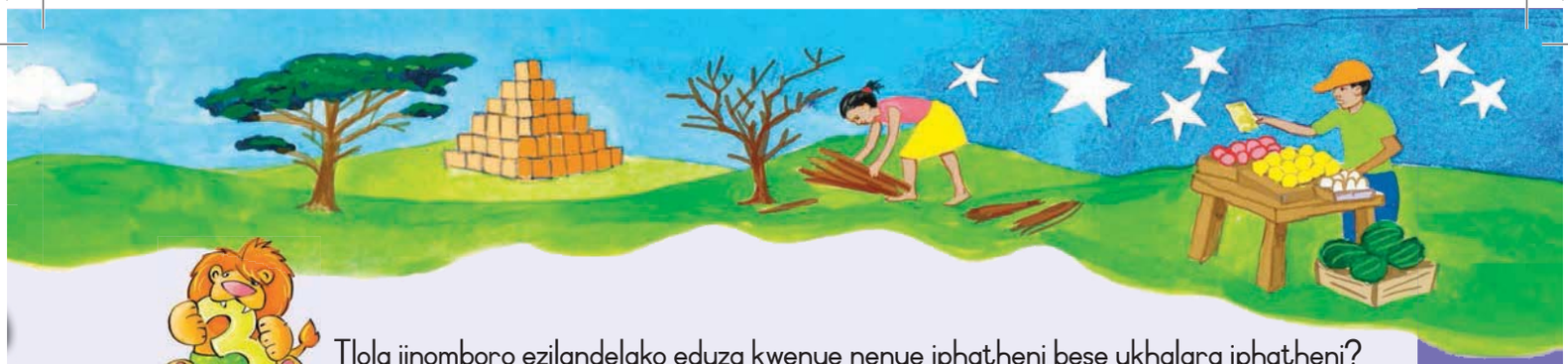


Sebenzisa ibhodi yeenomboro ezima-200 ukuqedelela amaphetheni weenomboro bese ufaka umbala iphetheni ebhodini yeenomboro.

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



NDEBELE Num Gr3 WS1-35.indd 20 2012/05/30 1:25 PM



Tlola iinomboro ezilandelako eduza kwenye nenye iphatheni bese ukhalara iphatheni?

Ukubala ngakuhlanu.

				5					10

Ukubala ngakubili.

	2		4						

Ukubala ngakuthathu.

		3			6				

Ukubala ngalitjhumi.

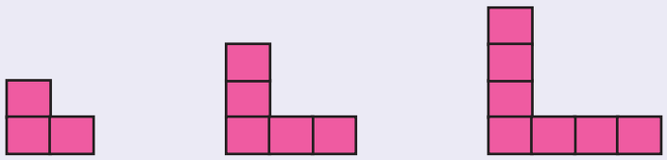
									10



Yelula amaphetheni.









Teacher:

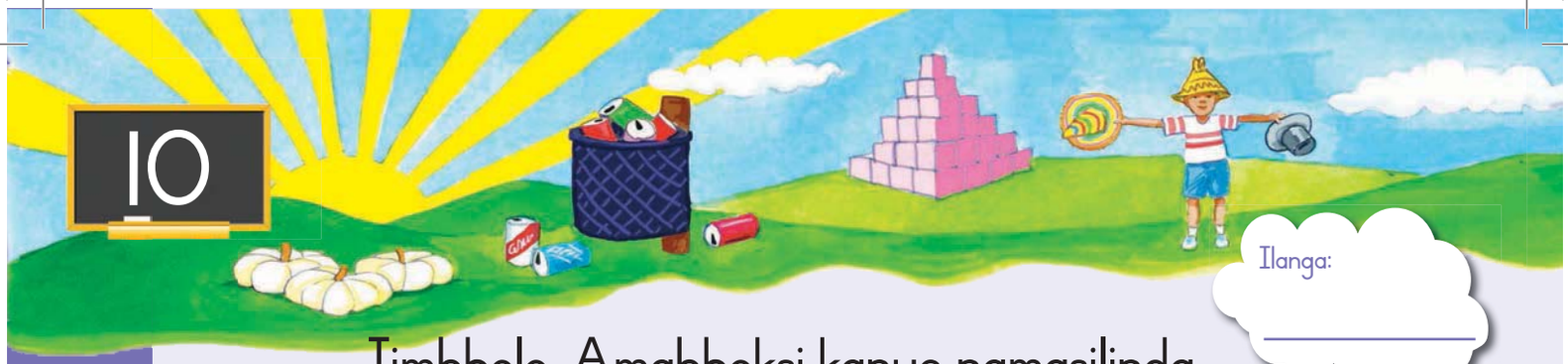
Sign:

Date:



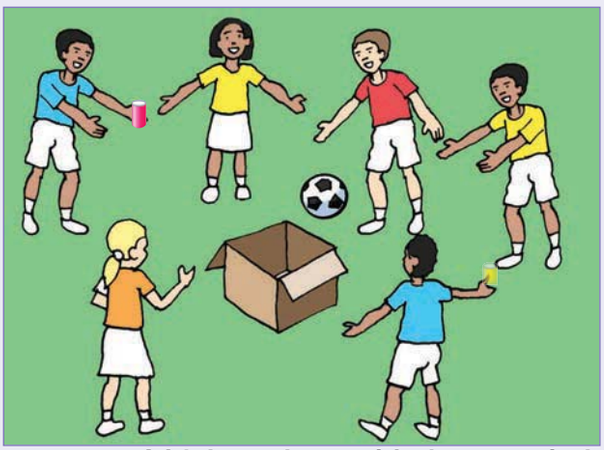
11 12 13 14 15 16 17 18 19 20

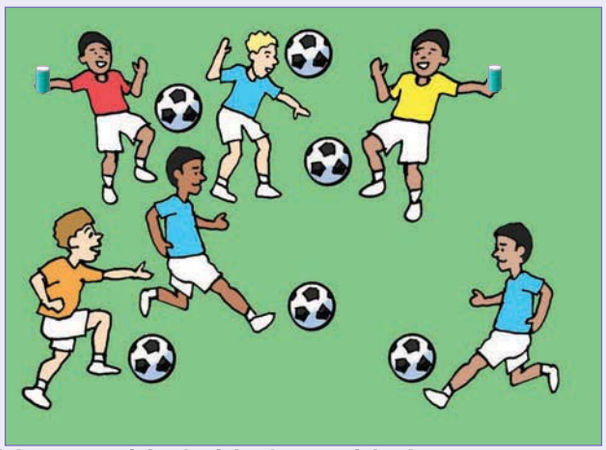
21



Ilanga: _____

Iimbholo. Amabhoksi kanye namasilinda.







Ndulungela amabhoksi ngombala ohlaza sasibhakabhaka, iimbholo ngokubomvu bese kuthi amasilinda abe hlaza satjani.



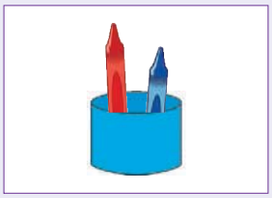


Faka umbala ngependulweni enembako.



Ibhoksi

liyatjhelela | liyagedeka



Isilinda

liyatjhelela | liyagedeka



Ibholo

liyatjhelela | liyagedeka



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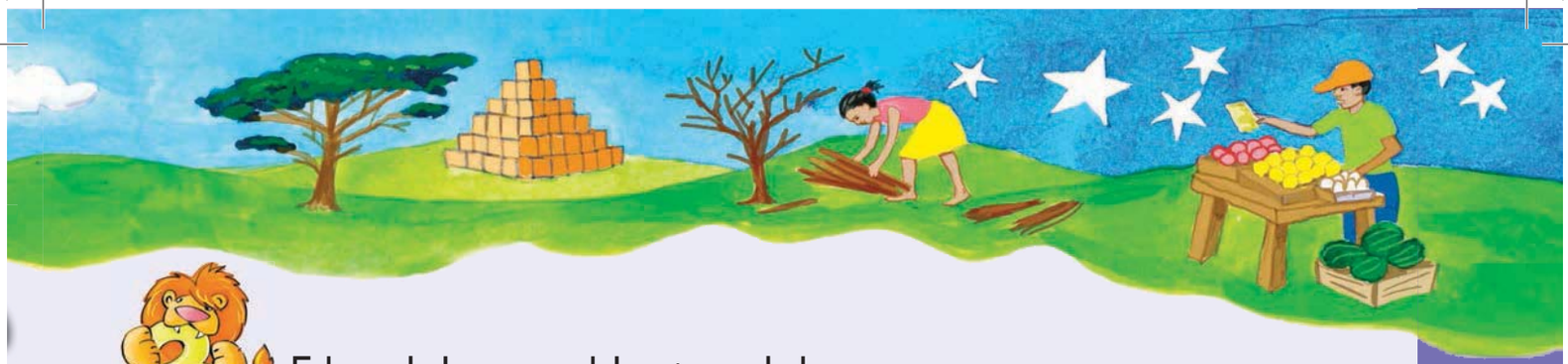


Faka umbala ngependulweni enembako.



Umqoqo oyindulungu

Umqoqo onqophileko



Umqoqo oyindulungu

Umqoqo onqophileko



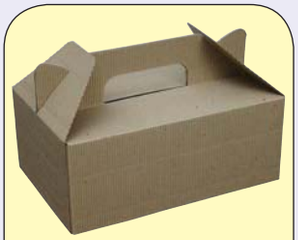
Umqoqo oyindulungu

Umqoqo onqophileko



Umqoqo oyindulungu

Umqoqo onqophileko



Umqoqo oyindulungu

Umqoqo onqophileko



Umqoqo oyindulungu

Umqoqo onqophileko



Umqoqo oyindulungu

Umqoqo onqophileko



Umqoqo oyindulungu

Umqoqo onqophileko

Yitjho nangabe ibholo ingemuva, ingaphambili, ingeqadi nanyana ingaphezulu kwebhoksi.



ngemuva | ngaphambili

ngeqadi | ingaphezulu



ngemuva | ngaphambili

ngeqadi | ingaphezulu



ngemuva | ngaphambili

ngeqadi | ingaphezulu



ngemuva | ngaphambili

ngeqadi | ingaphezulu

Teacher:

Sign:

Date:

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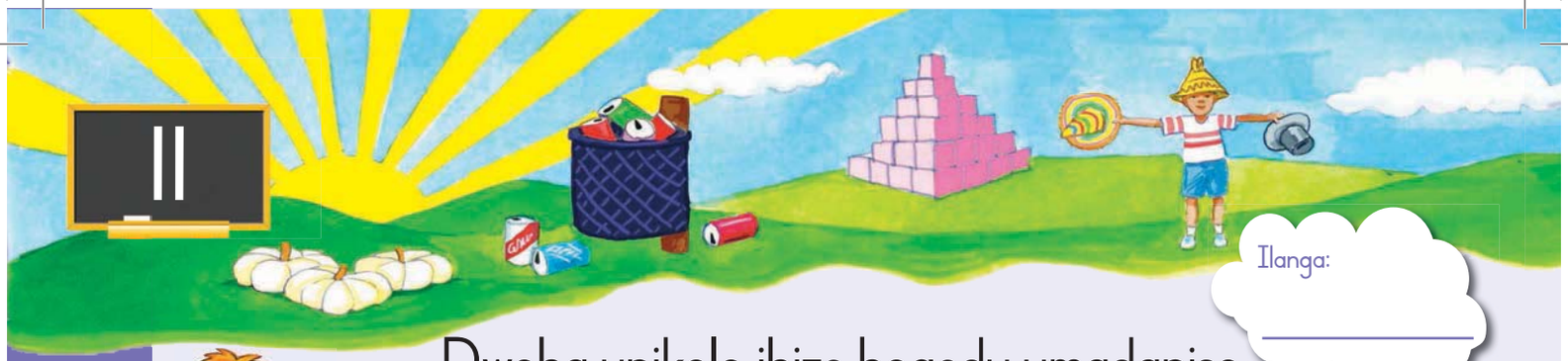
NDEBELE Num Gr3 WS1-35.indd 23 2012/05/30 1:23 PM



Ilanga: _____

Dweba unikele ibizo begodu umadanise



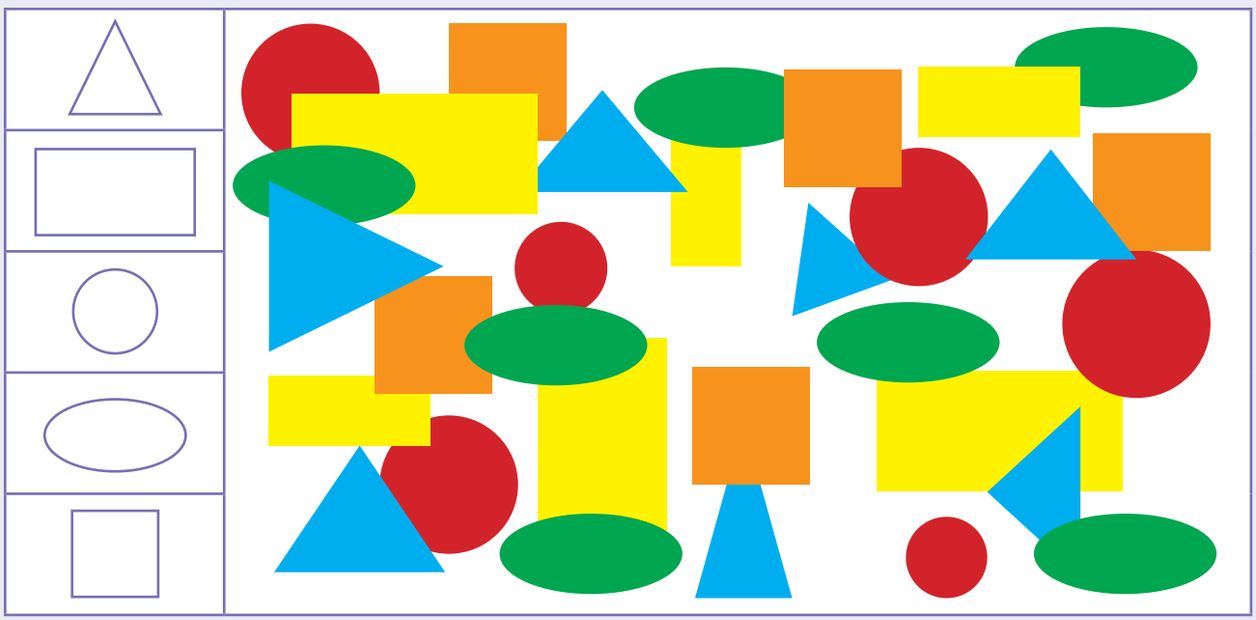
Dweba amabumbeko

Uncantathu		Ndulungu	
Sikwere		Ncazine	



Bala amabumbeko

Bala kobana mangaki amabumbeko afana nalawa ongawafumana esithombeni.





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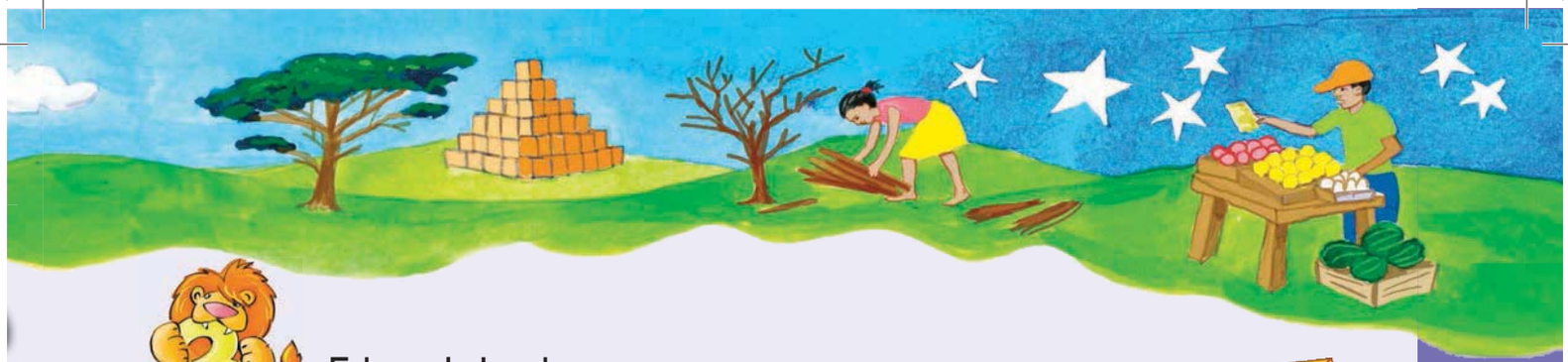
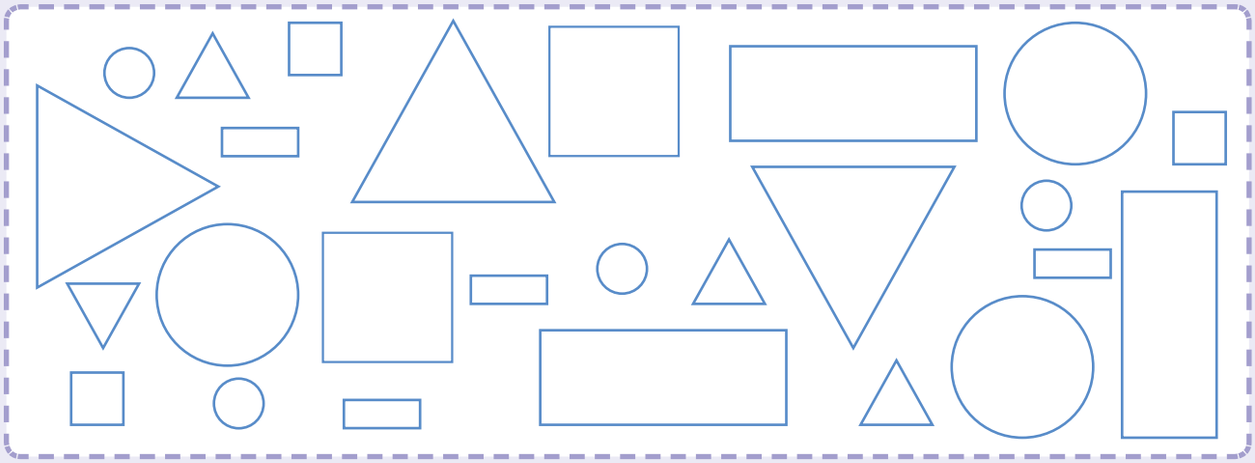


Faka umbala zoke



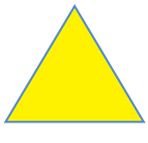
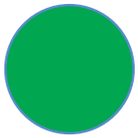
Iiyingi ezikulu ngombala obomvu, iiyingi ezincani ngombala ohlaza satjani;
aboncantathu abakhulu ngombala ohlaza sasibhakabhaka, ezincani ngombala o-orontji;
iinkwere ezikulu ngokusarulani, ezincani ngokuphephuli;
amarekthengela amakhulu ngombala ozotho bese kuthi amarekthengela amancani abe ngombala opinki.





Mahlangothi amangaki?

Ibumbeko ngalinye linamahlangothi amangaki? Tlola inomboro ebumbekweni. Isibonelo wenzelwe.
Ingabe amahlangothi anqophile nanyana ayindulungu? Faka umbala ependulweni enembako.

 3 kunqophile | kuyindulungu	 kunqophile | kuyindulungu	 kunqophile | kuyindulungu	 kunqophile | kuyindulungu
 kunqophile | kuyindulungu	 kunqophile | kuyindulungu	 kunqophile | kuyindulungu	 kunqophile | kuyindulungu



Teacher:
Sign:
Date:



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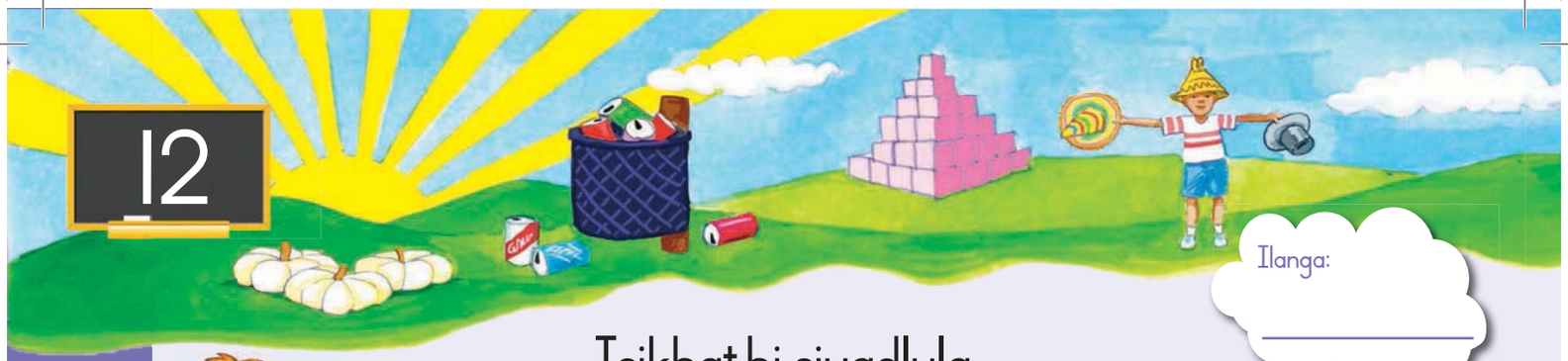
NDEBELE Num Gr3 WS1-35.indd 25 2012/05/30 1:28 PM



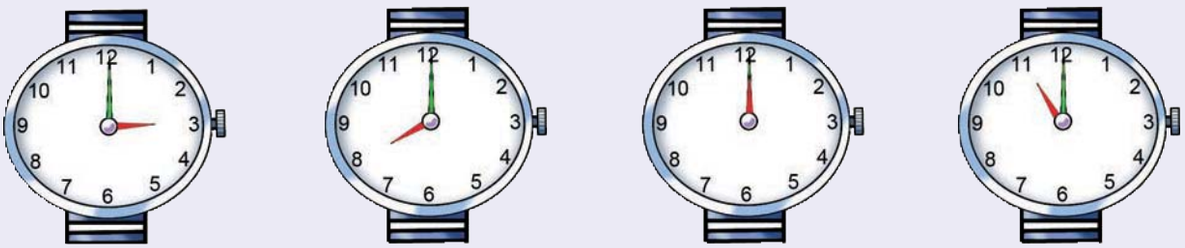
Ilanga: _____

Isikhathi siyadlula



Fundani isikhathi

Amawatjhi atjengisa sikhathi bani?

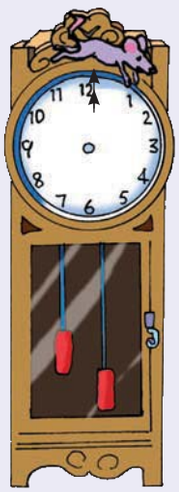


_____ Ehloko _____ Ehloko _____ Ehloko _____ Ehloko



Yeqani magegana newatjhi

Sizani uMinnie Mouse ukubala imizuzu ngaku-5. Thomani e-12. Ragelani phambili nizombeleza.



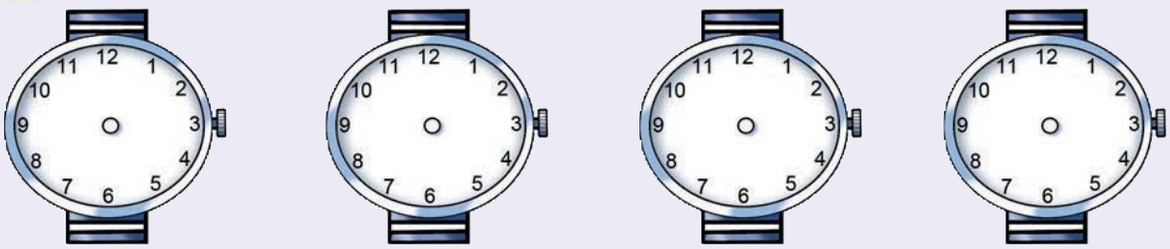
Nibala imizuzu emingaki? _____

Mizuzu emingaki ese-irini li-1? _____



Tlolani isikhathi

Dwebani izandla ukutjengisa iinkhathi.



ili-10 ngemva kelesi-6 | ili-10 ngemva kelesi-6 | ili-10 ngemva kelesi-6 | ili-10 ngemva kelesi-6



NDEBELE Num Gr3 WS1-35.indd 28 2012/05/30 1:28 PM



UTumi uya esikolweni.





Usuka ekhaya.



Ufika esikolweni.

Ingabe uTumi uthatha isikhathi esingangani? _____



Ilanga lokubhaga

UMaria ubhaga uburotho.



Uburotho buya nge-ondweni.



Uburotho buyaphuma.



Uburotho buthatha ama-iri ama _____ ukubhagwa.



Iselele



Esikhathini esibuyelelwe kabili

a. Tjhugululani ama-iri abe mizuzu.

Ama-iri	1	2	4	8
Imizuzu	60			

b. UJabu uthatha imizuzu ema-45 ukufika esikolweni. UTumi uthatha isikhathi esibuyelwe kabili. UTumi uthatha ama-iri amangaki ukufika esikolweni? _____

Teacher:
Sign:
Date:



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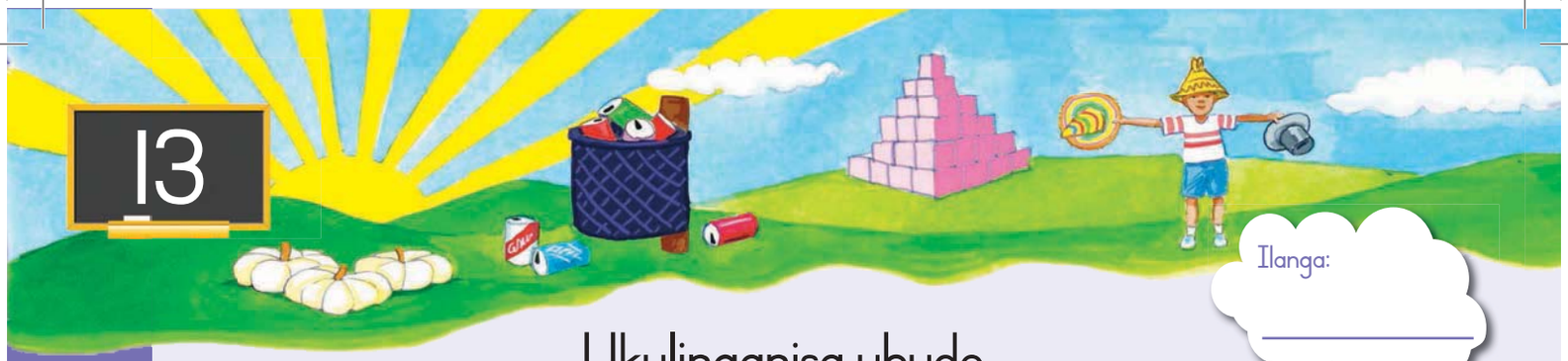
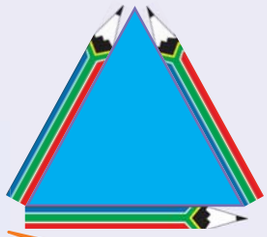


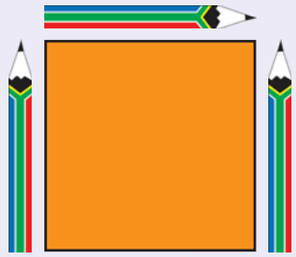
13

Ilanga: _____

Ukulinganisa ubude











Ihlangothi elinye nelinye lakancantathu ububude obuziimpensela ezi-2.

Ihlangothi elinye nelinye lesikwere libubude obuziimpensela ezine ubude.





Ngiyazibuza kobana irekthengela yide begodu ibanzi kangangani?

Irekthenge yide kangangani? Sebenzisa ubude beempensela. ☐

Zingaki iimpensela ezisebubanzini berekthengela? ☐

ubude →



ububanzi



Uzisebenzise njani iimpensela ukubala?



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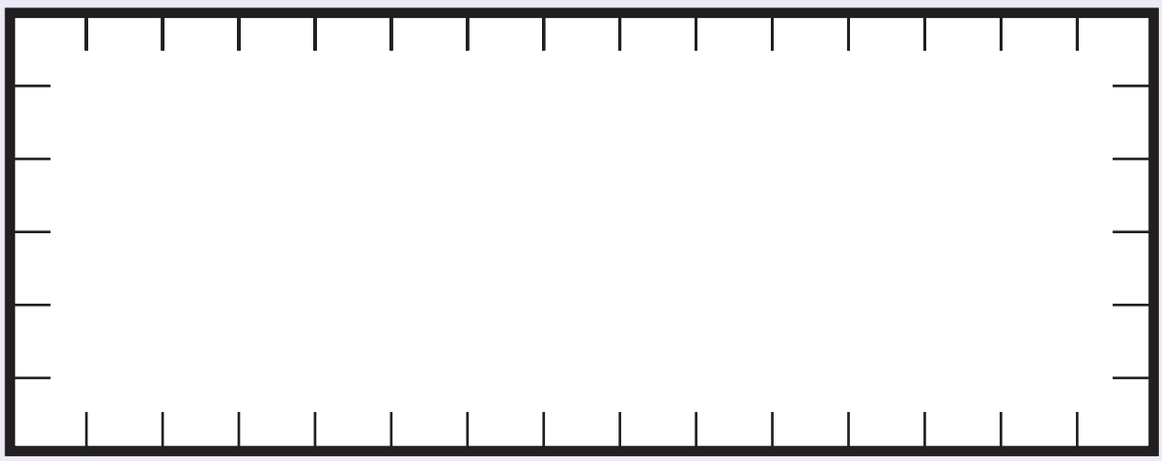
Ubude obufihlakeleko

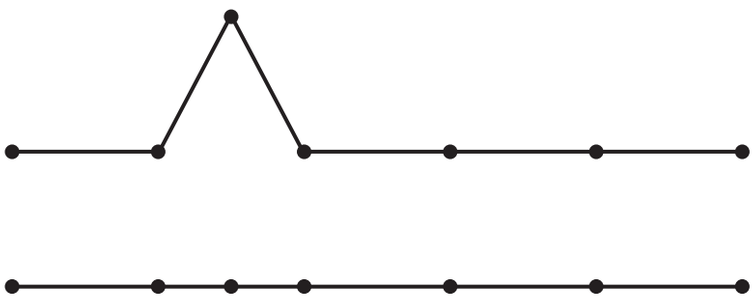
a. Ingabe utlhoga imida emingaki ebovu ukwembesa umuda onzima?



b. Ingabe utlhoga imida emingaki ebovu ukwembesa uncantathu woke?



c. Ngiyiphi edenyana, indlela engaphezulu namkha engaphasi, namkha ingabe ziyafana?



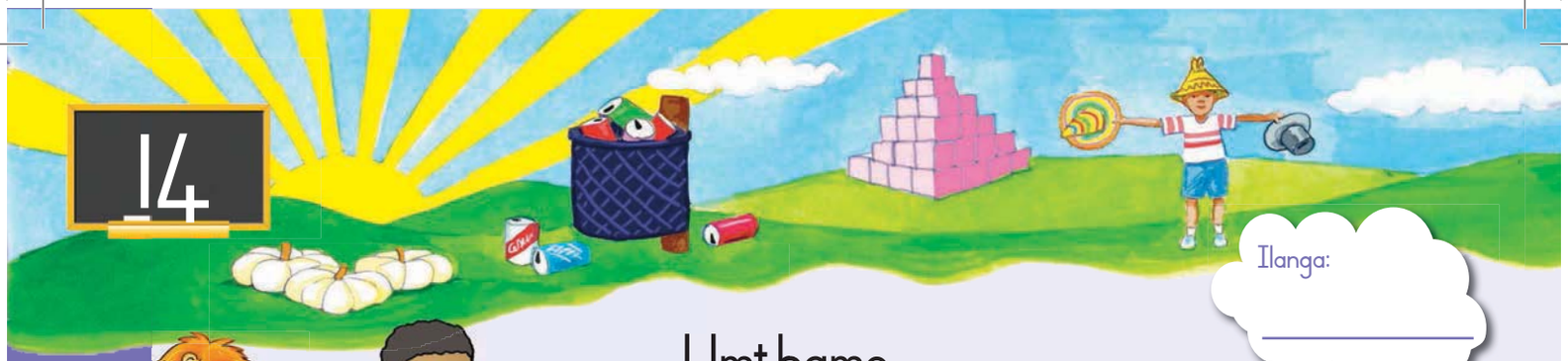
Ipendulo _____

Kubayini? _____

Teacher:
Sign:
Date:



NDEBELE Num Gr3 WS1-35.indd 29 2012/05/30 1:23 PM



14

Ilanga: _____

Umthamo



Sengifake amakhezo amane ngekomitjini

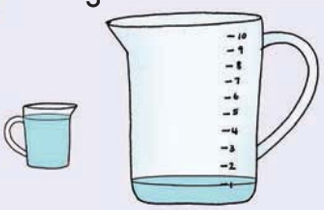
Ziinkomiki ezingaki zamanzi ezizokuzalisa isimumathi?

_____



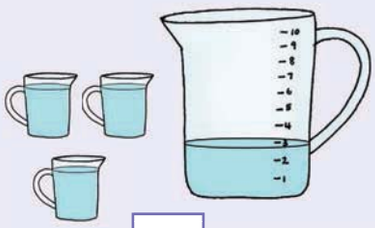
Ziinkomiki ezingaki zamanzi ezingesimumathini? Uzokutlhoga ezinye iinkomitjhi ezingaki ukuzalisa isimumathi?

a.



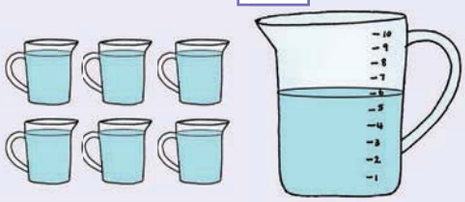
Ngaphakathi kwesimumathi: 1 Utlhoga amanye: 9

b.



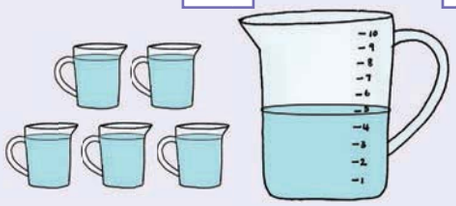
Ngaphakathi kwesimumathi: _____ Utlhoga amanye: _____

c.



Ngaphakathi kwesimumathi: _____ Utlhoga amanye: _____

d.



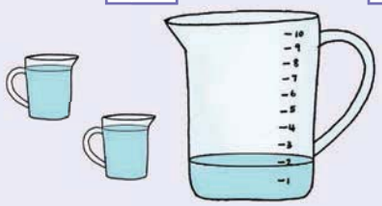
Ngaphakathi kwesimumathi: _____ Utlhoga amanye: _____

e.



Ngaphakathi kwesimumathi: _____ Utlhoga amanye: _____

f.

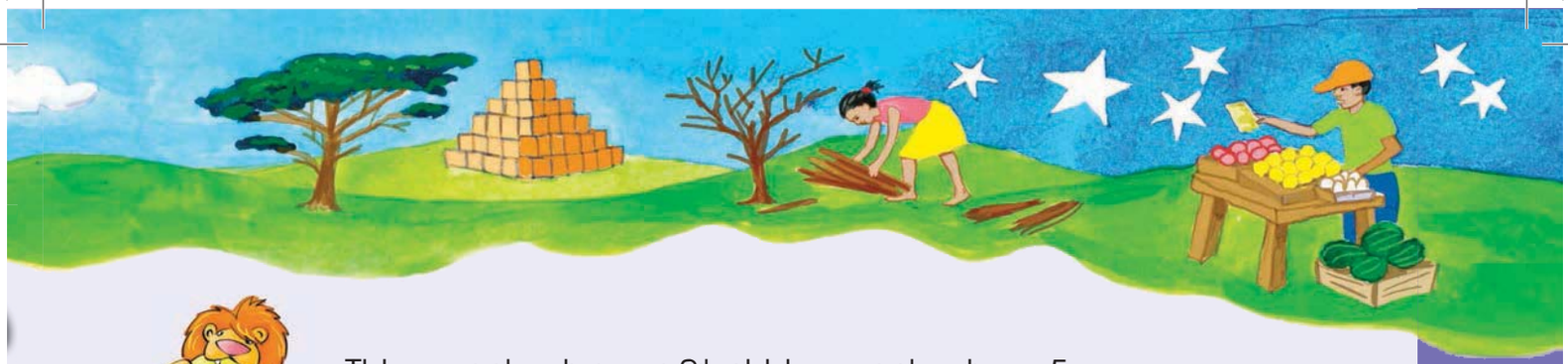


Ngaphakathi kwesimumathi: _____ Utlhoga amanye: _____



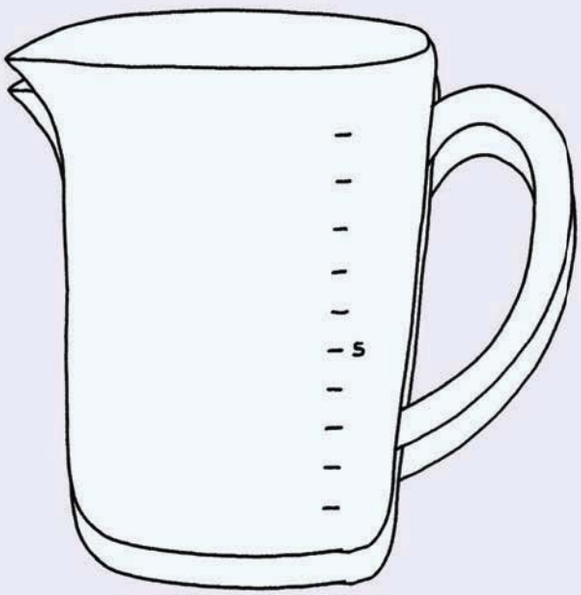
1 2 3 4 5 6 7 8 9 10

NDEBELE Num Gr3 WS1-35.indd 30 2012/05/30 1:28 PM





Tlola ama-inthavali ejegeni. Sikutlolele ama-inthavali ama-5.
Zaliselela amanye ama-iinthavali



Nangabe ikomiki eyodwa ijege eyodwa bekube ku-inthavali yesi-2, uzokutlhoga iinkomiki ezingaki ukuzalisa ijege?

a. 4 _____

b. 6 _____

c. 8 _____

d. 10_____



Tshwaya isimumathi esithatha itlelezi eliyilitha eyo-1.

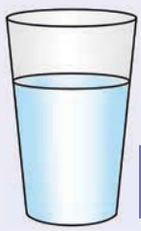










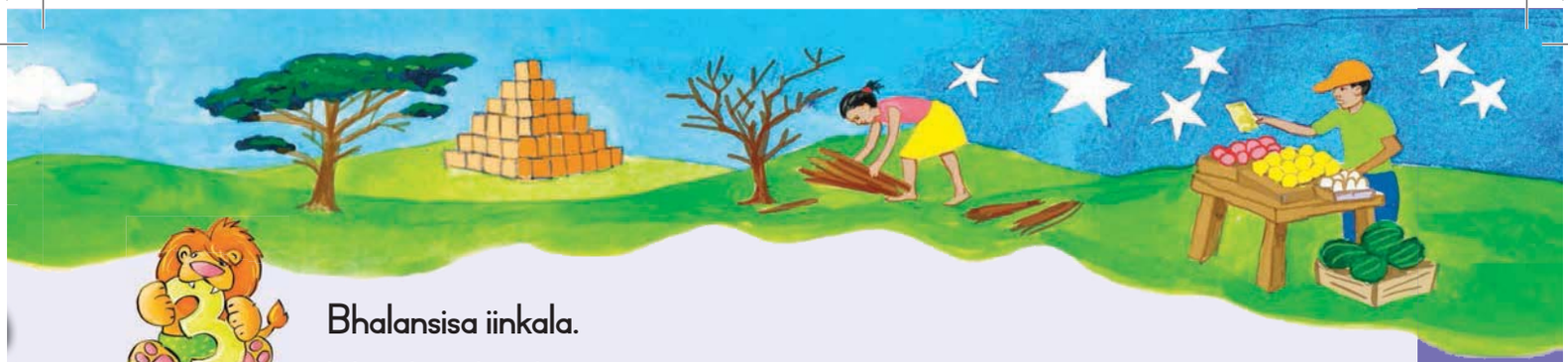


Teacher:
Sign:
Date:



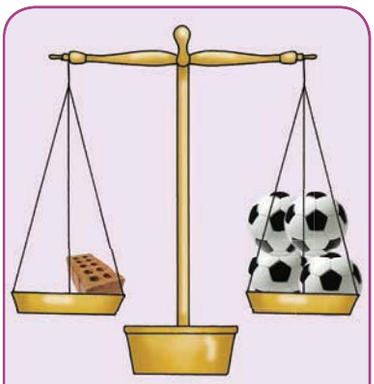
11 12 13 14 15 16 17 18 19 20

NDEBELE Num Gr3 WS1-35.indd 31 2012/05/30 1:28 PM



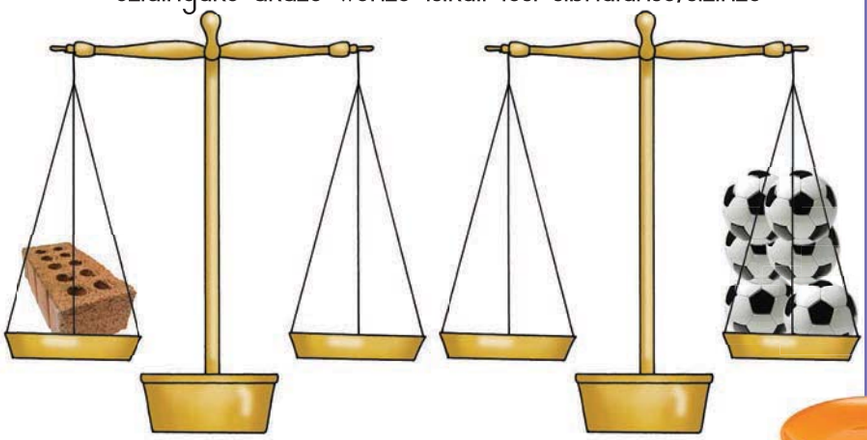
Bhalansisa iinkala.

Wenzelwe isibonelo.



Iintina ezimbili zinobudisi obulingana neentina ezine.

Gwala uveze kobana ziintina ezingaki nanyana iimbholo ozidingako ukuze wenze isikali lesi sibhalanse/sizinze



Nangabe iphasela eyodwa ikala 3 kg. Amaphasela ama__ akala kangangani?

a. 2 _____

b. 3 _____

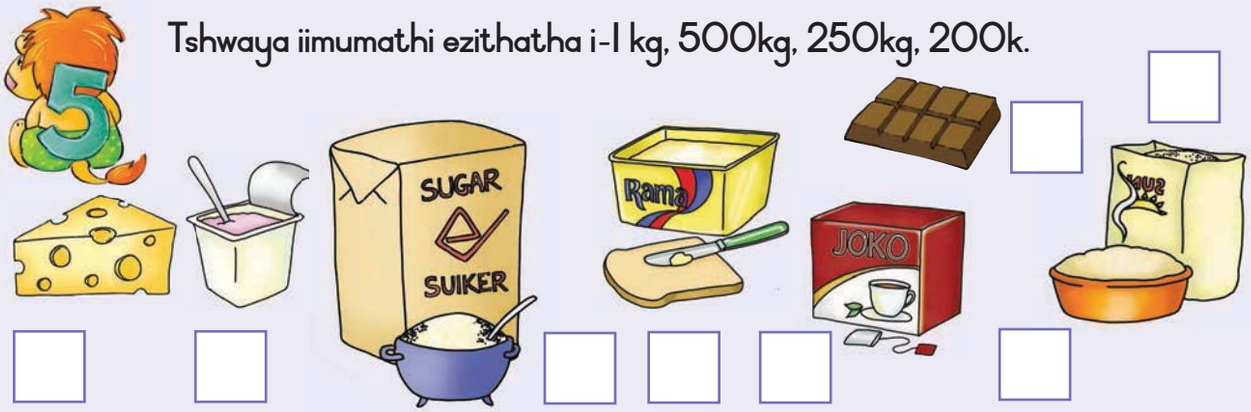
c. Ngingakghona ukumeda amaphasela ama-4 ngasikhathi sinye kiso sona isikala sangekhwitjhini? _____

Kungani? _____

_____

_____

Tshwaya iimumathi ezithatha i-1 kg, 500kg, 250kg, 200k.



Teacher:

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Date:

11 12 13 14 15 16 17 18 19 20

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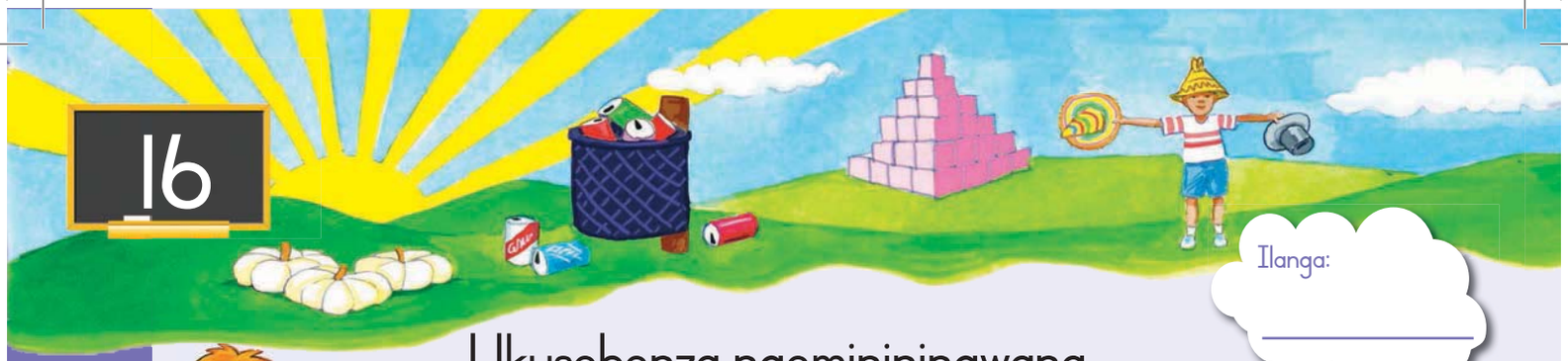

Ilanga: _____

Ukusebenza ngemininingwana.



Amanyathelo ngetlasini



Funda indatjana.

UThabo: Hawu, Titjhere! uJack ulizimuzimu! Ufaka isayizi 6 yamanyathelo!

UKkz. Khoza: Kulungile! Iye, Thabo, yikulu khulu emntwaneni oneminyaka elithoba! Thabo, unesayizi bani yamanyathelo? Ingabe itlasi loke linamasayizi bani? Asenzeni irhubhululo!

Abafundi batjho amasayizi, ngamunye ngamunye.

UKkz. Khoza utlola amasayizi lawo ebhodini.

UKkz. Khoza: Bala, bese uyatlola amasayizi ngayinye ngetheyibuleni.

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

Zalisa ithebula engenzasi.

Amasayizi wamanyathelo ngetlasini					
Isayizi 1	Isayizi 2	Isayizi 3	Isayizi 4	Isayizi 5	Isayizi 6

1 2 3 4 5 6 7 8 9 10

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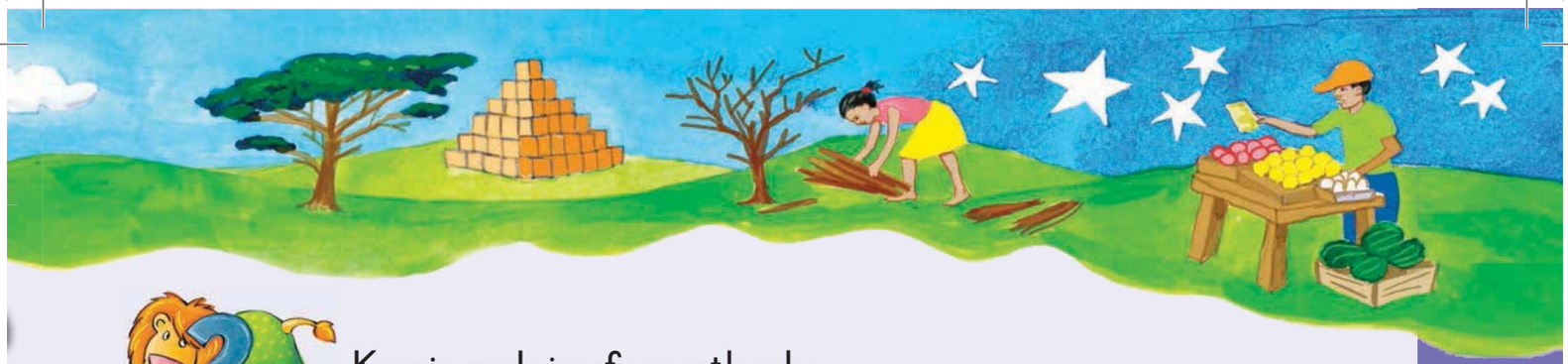

Kwanje gwala igrafu yeenthombe.

Inyathelo-1 = Umfundi-1

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

Kwanjesi phendula imibuzo le.

a. Abafundi abanengi bafaka amanyathelo wesayizi _____.

b. Isibalo esimbalwa sifaka isayizi _____.

c. _____ abentwana bayazibandakanya erhubhululweneli.

Kunjani ngawe?

Fumana kobana wena nabangani bakho nifaka isayizi bani!

- Sebenzani ngeenqhema zangaba-6 ukuya kezangababu-8.
- Buthelelani imininingwana yenu.
- Tlolani isibalo samasayizi wamanyathelo ethebuleni.
- Madanisani iimpendulo nezinye iinqhema.



Teacher:

Sign:

Date:

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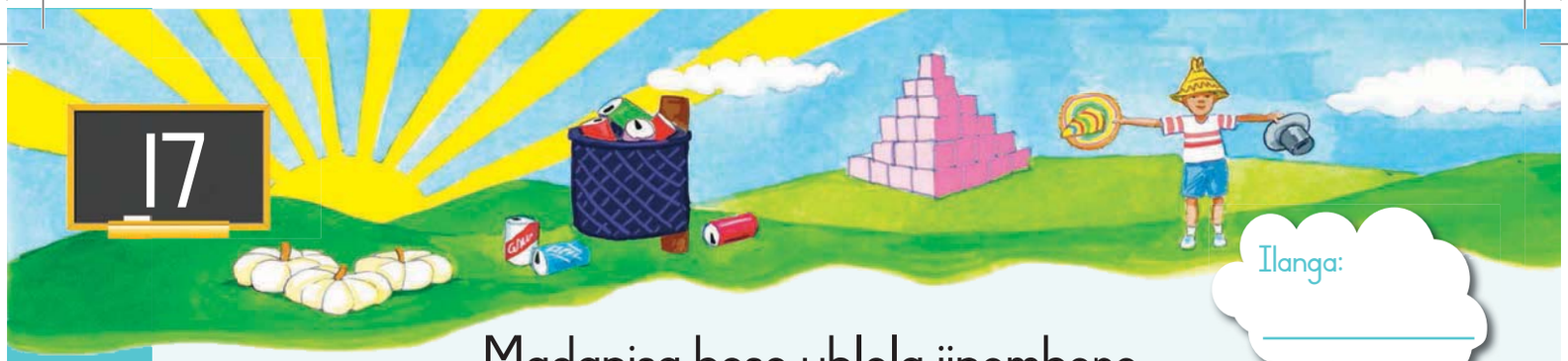
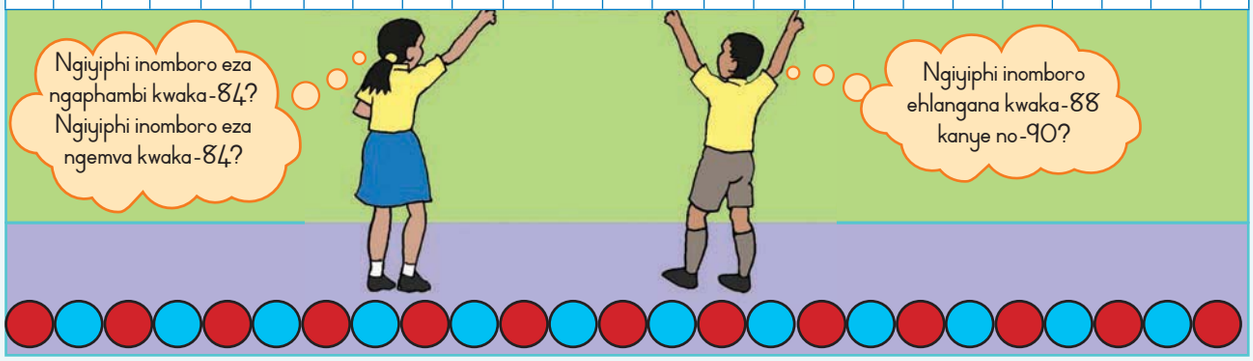


17

Ilanga: _____

Madanisa bese uhlela iinomboro.

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





Zalisa ngeenomboro ezitlhayelako.

51									
						67			
71									
									100

Sebenzisa ibhodi yeenomboro ukuphendula imibuzo.

- Ngiyiphi inomboro eza ngaphambi kuka-68? _____
- Ngiyiphi inomboro elandela u-68?_____
- Tlola iinomboro ezihlanu ezincani kuno-71. _____, _____, _____, _____, _____
- Tlola iinomboro ezihlanu ezikulu kuno-71. _____, _____, _____, _____, _____
- Ngiziphi iinomboro ezihlangana kwaka-79 kanye no-84?_____
- Tlola iinomboro kusuka kencani khulu kuye kekhulu. 73, 52, 50, 59, 61

  _____
- Tlola iinomboro ukusuka kekhulu kuye kencani. 74, 96, 99, 91, 38

  _____



1 2 3 4 5 6 7 8 9 10

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Qedelela itheyibula. Thoma ngenomboro onikelwe yona.

	Enye ngaphezulu.	Encani ngaphasi	Ezinye ezilitjhumi	Ezilitjhumi ngaphasi
25				
39				
74				
56				
40				



Ndulungela inomboro ekulu khulu

78	87	17	36	63	33

Ndulungela inomboro encani khulu

99	19	9	14	41	40



Nangabe itshwayo < litjho okuncani kuna- bese kuthi itshwayo >litjho kobana kukhulu. Qedelela:

32	<	64	>	18	
75		98		57	



Funyana iinomboro ezi-5 ephephandabeni ezihlangana kwaka-50 kanye no-99 bese uzinamathisela lapha. Ingabe enye nenye inomboro itjho ukuthini?

Teacher:
Sign:
Date:



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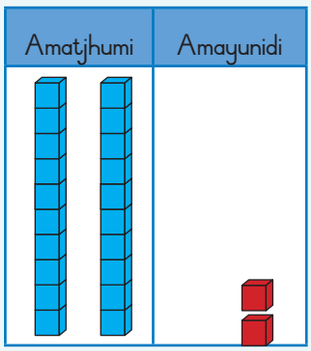
Ilanga: _____

Ubukhulu beenomboro ukuya kuma-99



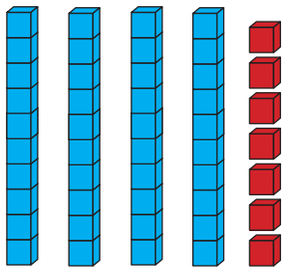
Ukutjengisa inomboro ngokusebenzisa izinto

Godu singakghona ukutjengisa iinomboro ngamabhlogo wethu weenomboro ezikulu. Ibhlogo elincani lijamele ku-1.
Umtletle wamabhlogo amancani ali-10 ajamele i-10.



Ungatjengisa inomboro ngokusebenzisa amayunidi namkha amayunidi.

Lapha yindlela yokutjengiswa kwama- 47.



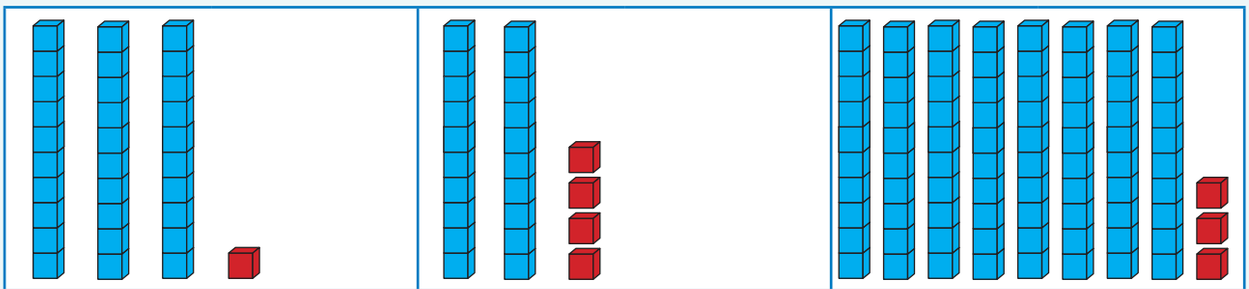
Amatjhumi	Amayunidi
4	7

Amatjhumi amane nekhomba-47



Ukutlola iinomboro ngamadijithi nangamagama

a. Ngaphasi kwesithombe, tlola kobana kunamatjhumi amangaki begodu mangaki amayunidi. Bese utlola inomboro ngamadijithi nangamagama.



Amatjhumi	Amayunidi	Amatjhumi	Amayunidi	Amatjhumi	Amayunidi
3	1				
31 Amatjhumi amathathu nalinye		_____ _____		_____ _____	



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Tlola iinomboro zomutjho ezitjengiswe sithombe

Amatjhumi	Amayunidi

10 + 5 + 6

Amatjhumi	Amayunidi

___ + ___ + ___

Amatjhumi	Amayunidi

___ + ___ = ___

Qedelela isithombe. Tlola imitjho yeenomboro etjengiswe esithombeni.

Amatjhumi	Amayunidi

Amatjhumi	Amayunidi

Amatjhumi	Amayunidi

Amatjhumi	Amayunidi

Amatjhumi	Amayunidi

Amatjhumi	Amayunidi

Teacher:
Sign:
Date:

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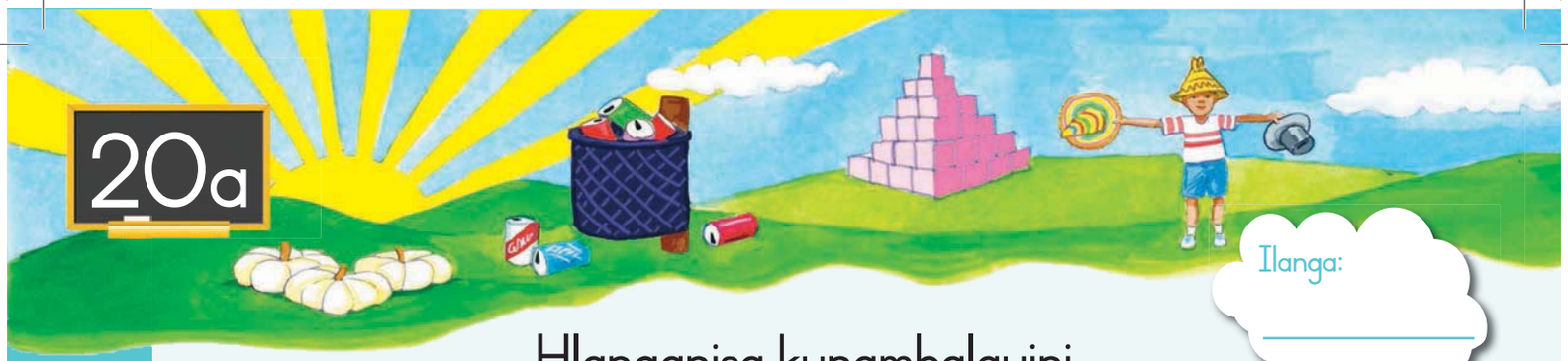
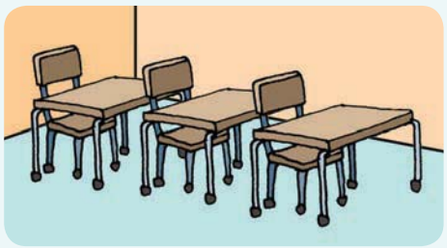


20a

Ilanga: _____

Hlanganisa kunambalayini

Hlala edeskeni lakho!

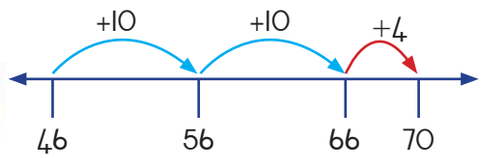


Esikolweni sethu umfundi ngamunye unedeske lakhe.
Kunabafundi abama-46 kuGreyidi 3A begodu bama-24 kuGreyidi 3B.
Ingabe sitlhoga amadeske amangaki ematlasini womabili?

Sebenza nomlingani

Qala kobana abafundi abathathu laba bayisebenzisa njani inambalayini ukusombulula umraro.





Kufanele ngihlanganise ama-24 ukuya ema-46.



Lokhu ngengikwenzako: Ngithoma ngokuhlanganisa i-10.
Lokhu kungiletha ema-56. Bese ngeqa i-10 elinye ngiye ema-66.
Begodu kwamaswaphela, ngeqa ku-4 ngaphezulu ukufika ema-70.

$= 46 + 10 + 10 + 4$

$= 56 + 10 + 4$

$= 66 + 4$

$= 70$

a. $32 + 25 =$ ☐



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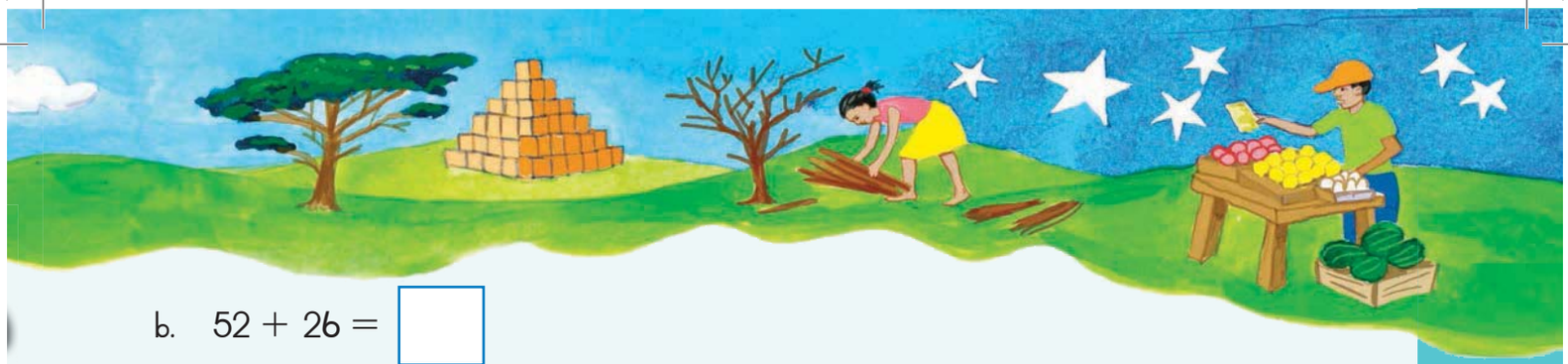
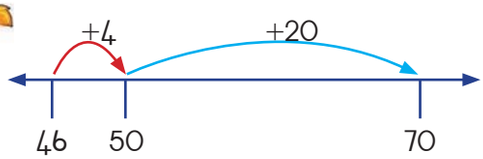


b. $52 + 26 =$ ☐

c. $46 + 25 =$ ☐





Kufanele ngihlanganise ama-24 ukuya ema-46.



Lokhu ngengikwenzako: Kokuthoma ngizokweqa ku-4. Lokho kuzangiletha ema-50. Ngingeqa ukudlula ama-20, okungiletha ema-70.

Tjengisa iimbalo ngamakarada wakho weenomboro.

$= 40 + 10 + 20$

$= 50 + 20$

$= 70$

a. $36 + 41 =$ ☐

Teacher:
Sign:
Date:



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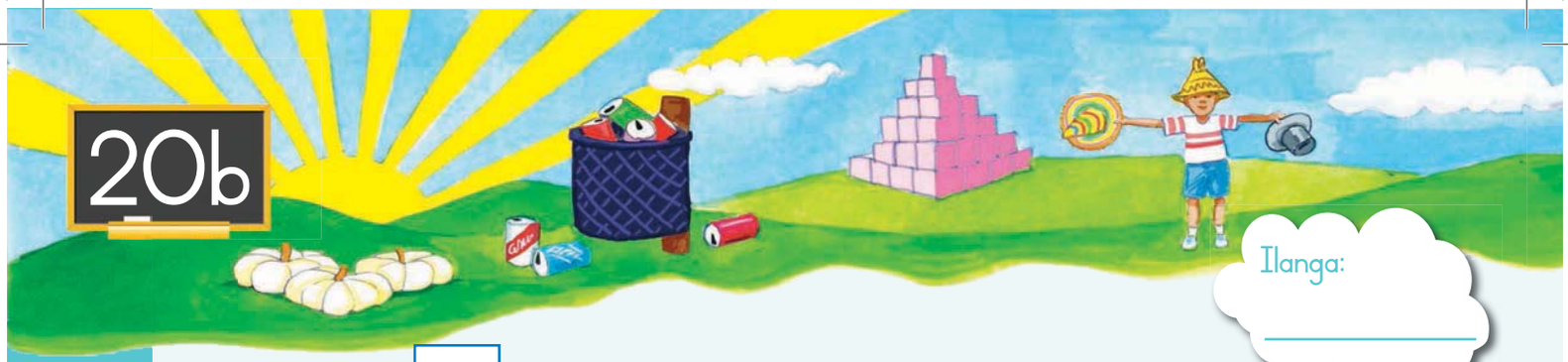
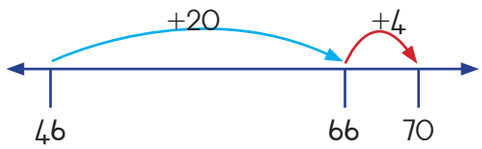
20b



Ilanga: _____

b. 57 + 19 ☐





Kufanele ngihlanganise ama-24 ukuya ema-46.



Lokhu ngengikwenzako: ukusuka ema-46, ngingeqa ama-20. Lokho kungiletha ema-66. Kwanjesi kufanele ngeqe ku-4 ngaphezulu begodu bese ngifika ema-70.

Godu singasebenzisa iinomboro zethu zamakarada.

= 46 + 20 + 4

= 66 + 4

= 70

a. 63 + 24

b. 65 + 29

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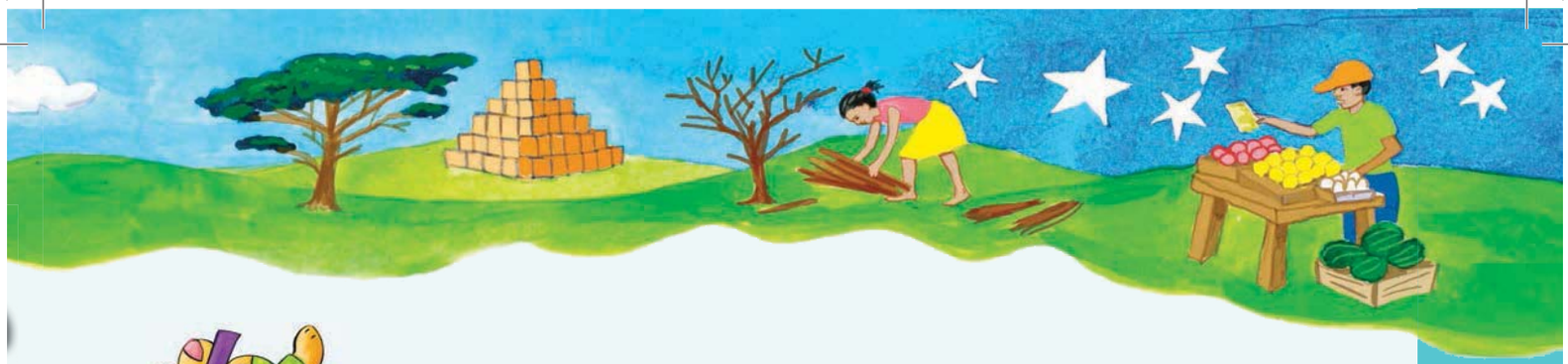

4 Ziinlofu ezingaki?

Umbhagi udiliva iinlofu ezima-54 ezibhraweni  begodu neenlofu ezima-68  ezimhlophe.

a. Ziinlofu ezingaki sezizoke?

b. Fumana ithothali kunambalayini.

Tjengisa iinomboro nesilinganiso sokweqa.

5 Hlanganisa okulandelako, ngaphandle kokusebenzisa inambalayini.

Sebenzisa yakho indlela.

38 + 24 =

58 + 17 =

75 + 16 =

83 + 29 =

Teacher:
Sign:
Date:

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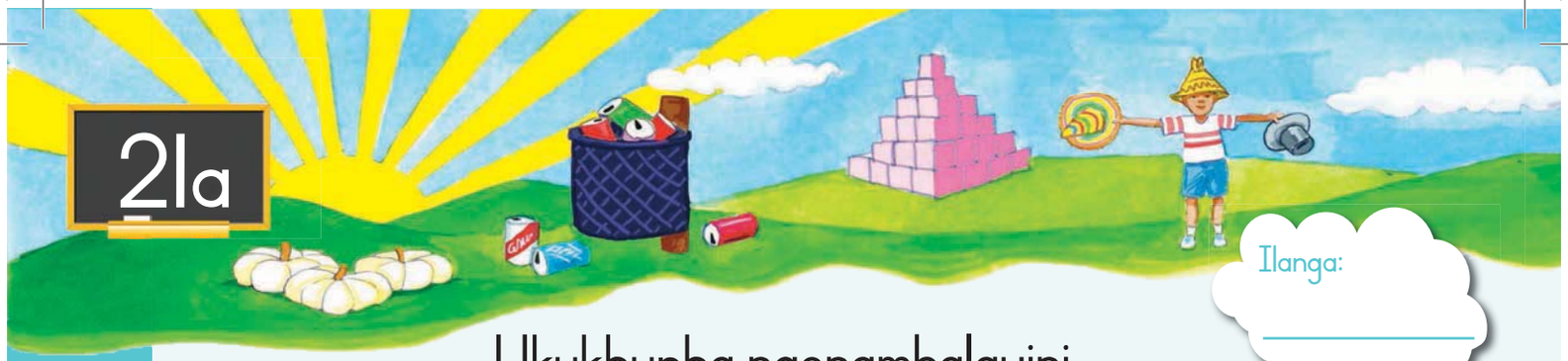
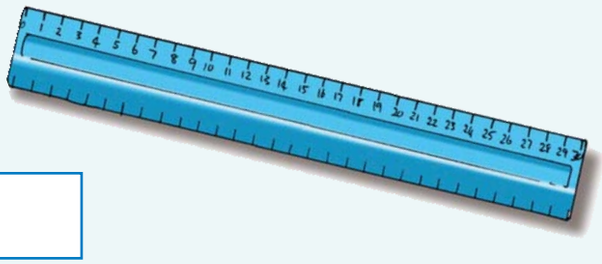


21a

Ilanga: _____

Ukukhupha ngenambalayini

Umfundi munye! Irula yinye!



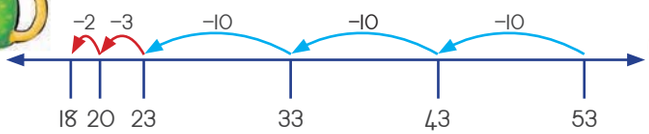
Itlasi litlhoga amarula ama-53. Kunama-35 kwaphela.

Sisatlhoga mangaki? 53 – 35 = ☐

Sebenza nomlingani

Funda kobana abafundi abanye abathathu abafanako bayisebenzisa njani inambalayini lapha.





Kufanele ngikhuphe ama-35 kuma-53. Ukukhupha kutjho ukususa.



Ngalokho ke, ngizakuthoma ema-53 begodu ngisuse. Ngizakususa i-10, 10, 10 – elingiletha ema-23. Kwanjesi ukususa kuhlanu, okokuthoma ngisusa ku-3, bese ngiza ema-20. Ngisusa ku-2 ngaphezulu begodu ngifumana i-18. Ngalokho ke sitlhoga iinrula ezili-18.

= 53 – 10 – 10 – 10 – 3 – 2

= 43 – 10 – 10 – 3 – 2

= 33 – 10 – 3 – 2

= 23 – 3 – 2

= 20 – 2

= 18



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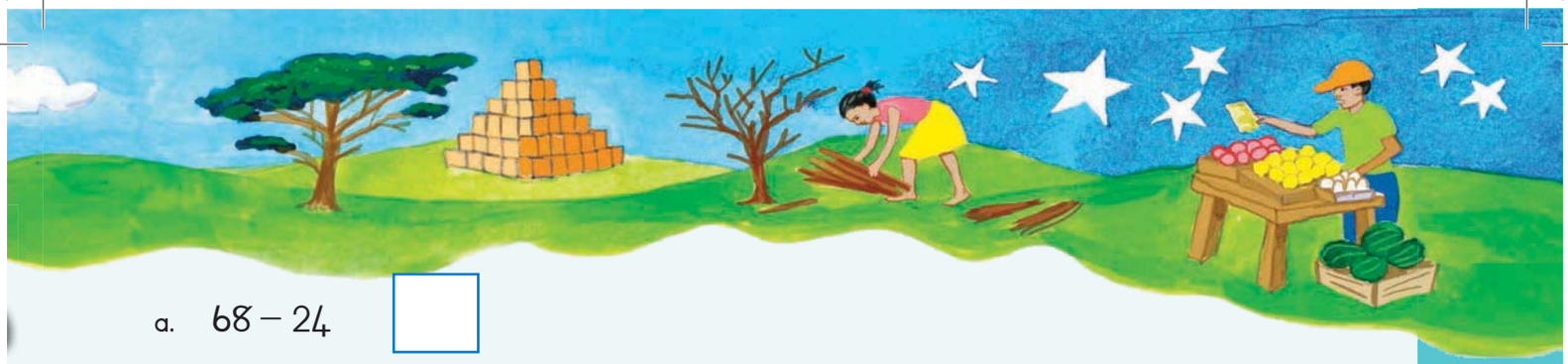
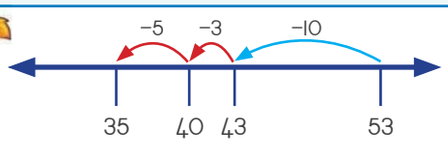


a. 68 – 24 ☐

b. 74 – 38 ☐

c. 92 – 87 ☐





Ukukhupha kutjho ukufumana umehluko hlangana nama-53 nama-35.



Ngizakuthoma ema-53 bese ngibala ukuya phasi ema-35 ukufumana umehluko. Nakhibe ngibala ngibuyele emva nge-10, ngiya ema-43. Ngingabala ngiye emva ngaku-3 ngaphezulu ukuya ema-40. Bese ngibala ngiye phasi ngaku-5 ngaphezulu ukuya ema-35. I-10 naku-3 nakuhlanu kuli-18. Ngalokho-ke sitlhoga amarula angaphezulu nge-18.

a. 38 – 14 ☐

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20

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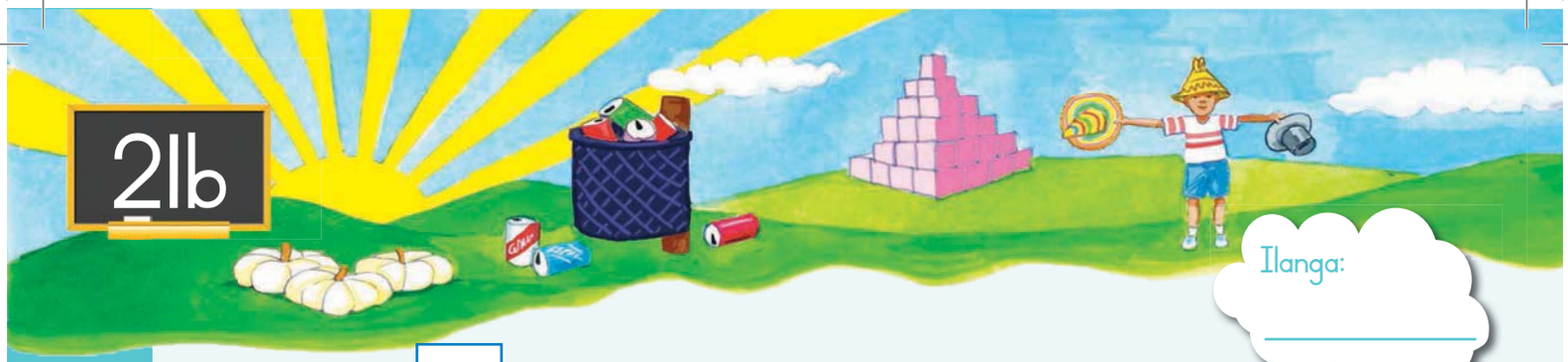


21b

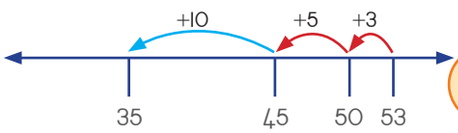
Ilanga: _____

b. 65 – 43 = ☐

c. 72 – 39 = ☐

d. 85 – 48 = ☐





Ngingathoma ema-35 begodu ngibone kobana kungithatha imeqo emingaki ukubala kufikela ema-53.



Ngingathoma ema-35 begodu ngibone kobana kuthatha imeqo emingaki ukubala kufikela ema-53. Itjhumi lihlangana nakuhlanu kuhlangane nakuthathu kuli-18. Sitlhoga amarula ali-18 ngaphezulu.

a. 84 – 32 = ☐



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b. 96 – 53 = ☐

c. 78 – 19 = ☐

d. 63 – 47 = ☐

4 Khamba ngeteksi



Ikhambo ngeteksi lokuya edrobheni lima-65 km.
Bekube nje iteksi sele ikhambe ama-38 km.

Kusafanele ikhambe kangangani ukuya phambili?

Sebenzisa inambalayini ukusombulula umraro lo. Ungasusa, ubale uye phezulu namkha bala uye phasi. Lebula imeqo neenomboro kunambalayini.

km

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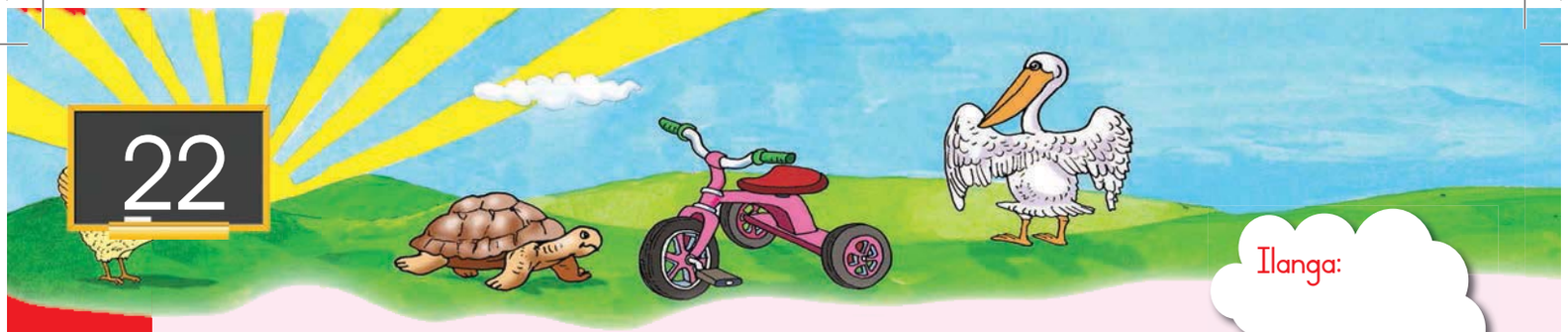

22

Ilanga: _____

Sikhathi sephathi



Iqhinga lokuthoma!

UBusi ubawe abangani bakhe kobana bamnikele isithombe sokudla kwephathi abakuthandako. Okulandelako kukudla akuthengako. Msize kobana ahlele kuhle ukudla lokhu.



Bala, begodu tlola kobana bangaki abangani abakhetha umhlobo ngamunye wokudla.

				
Inomboro				



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Sebenzisa itheyibula. Gwala ubuso bunye komunye nomunye umntwana okhetha ukudla nanyana isiselo.

☺			
☺			
☺			
☺			
☺			
☺			
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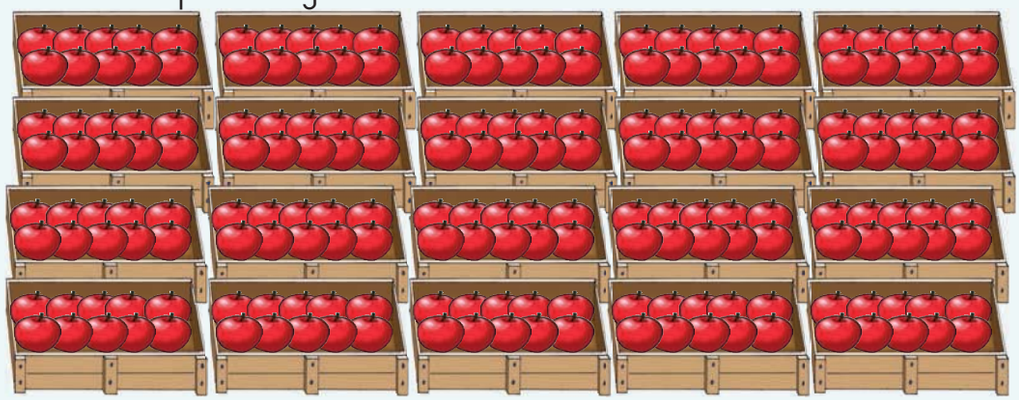
23

Ilanga: _____

Bala bewufike ku-200



Ubona ama-apula amangaki?



Zaliselela ngeenomboro

Ibhoksi elilodwa lina ma-apula ☐ Ireyi elilodwa lina ma-apula ☐

Ireyi elilodwa linamabhoksi ☐ Amareyi amane anama-apula ☐



Kunama-apula ali-10 ngebhoksini elinye nelinye. Ingabe kunama-apula amangaki sele awoke?

a.  ☐

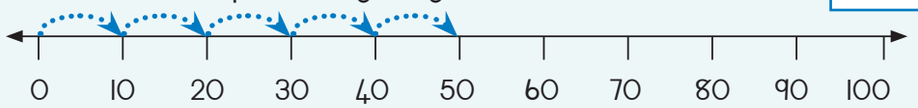
b.  ☐

c.  ☐



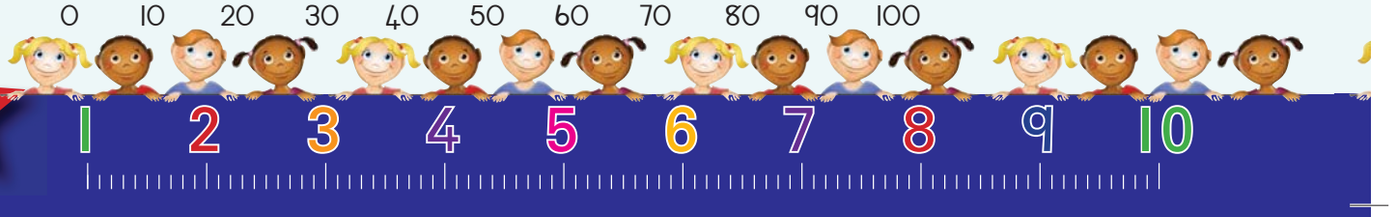
Tjengisa lokhu ngenambalayini.

a. Kuzokuba nama-apula amangaki ngemabhoksini amahlanu? ☐



b. Kuzokuba nama-apula amangaki ngemabhoksini ☐





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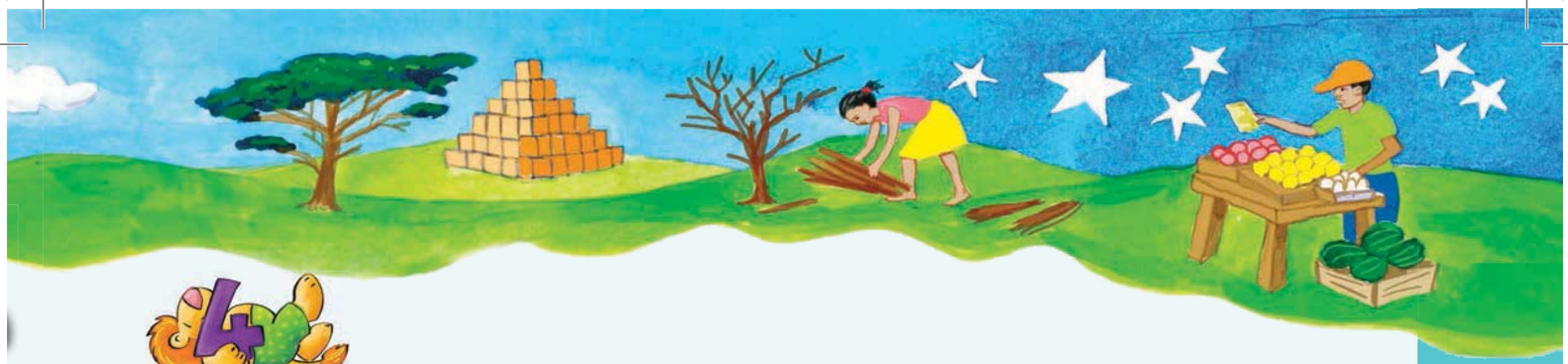


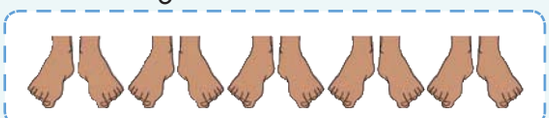
u-10 nakangezelelwe ngaku-3 kwenza – 3 0

$3 \times 10 =$ 3 0 nanyana $10 \times 3 =$ 3 0

u-10 nakangezelelwe ngaku-5 kwenza _____ × _____ = ☐ nanyana _____ × _____ = ☐

u-10 nakangezelelwe ngaku-2 kwenza _____ × _____ = ☐ nanyana _____ × _____ = ☐

Iimpara ezi-5 zeenyawo.
Kuneenzwani ezingaki sele zizoke?



10 + 10 + 10 + 10 + 10 = 5 0 $5 \times 10 =$ ☐ nanyana $10 \times 5 =$ ☐

Yenza lokhu ngendlela efanako.

Iimpara ezi-4 zeenyawo. Kuneenzwani ezingaki sele zizoke?

_____ = ☐ _____ × _____ = ☐ nanyana _____ × _____ = ☐

Iimpara ezi-3 zeenyawo. Kuneenzwani ezingaki sele zizoke?

_____ = ☐ _____ × _____ = ☐ nanyana _____ × _____ = ☐

Asibaleni.

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

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

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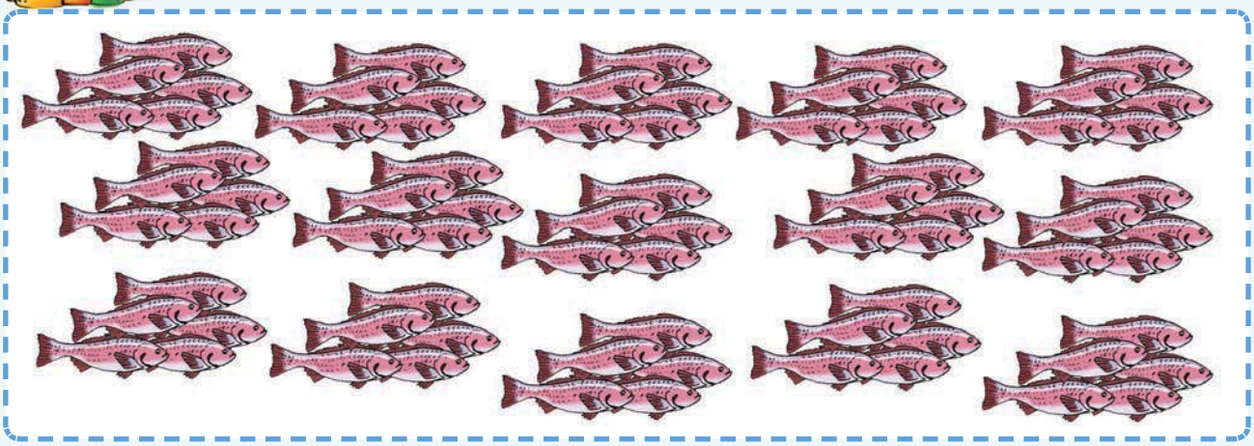
24

Ilanga: _____

Zijayeze ngaku-5



Ingabe iinhlambi zingaki? Linganisa ukhuti kungaki.



Kwanjesi bala iinhlambi.
Fumana ithothali.



Bala ngaku-5

Fumana ithothali yamaqanda weenhlambi. Tlola inomboro yemitjho emi-3.
Sesikwenzele isibonelo.

Ihlambi namaqanda	Ingabe mangaki amaqanda?	
Iinhlambi ezi-5, zibekela amaqanda ama-2	$2 + 2 + 2 + 2 + 2 = 10$	$5 \times 2 = 10$
Iinhlambi ezi-5, zibekela amaqanda ama-10		
Iinhlambi ezi-5, zibekela amaqanda ama-4		
Iinhlambi ezi-5, zibekela amaqanda ama-3		
Iinhlambi ezi-5, zibekela amaqanda ama-6		
Iinhlambi ezi-5, zibekela amaqanda ama-8		
Iinhlambi ezi-5, zibekela amaqanda ama-5		



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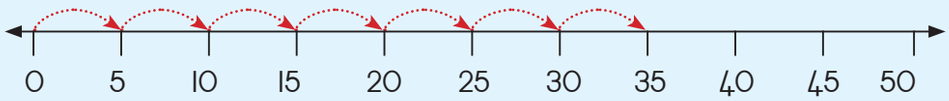
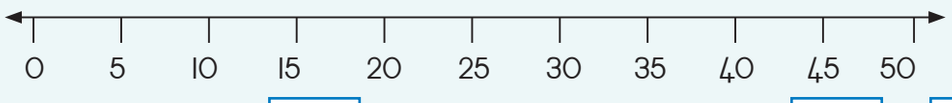
Qedelela amanambalayini

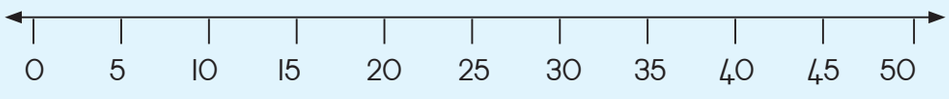


$5 + 5 + 5 + 5 + 5 + 5 + 5 =$ 35 nanyana 7 × 5 = 35



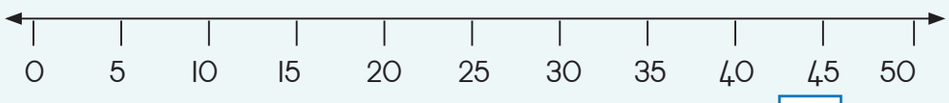
$5 + 5 + 5 + 5 =$ ☐ nanyana ☐ × ☐ = ☐

b.



$5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 =$ ☐ nanyana ☐ × ☐ = ☐

c.



_ + _ + _ + _ + _ + _ + _ + _ + _ + _ = ☐ nanyana $10 \times 5 = 50$

Bamba ihlambi

USipho ubamba iinhlambi ezihlangana kwama-40 nama-50. Uyazibala ngaku-2 begodu usele nayi-1. Uzibala ngaku-5 begodu usele nazi-2.

Ingabe uSipho ubambe iinhlambi ezingaki? ☐

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25a

Ilanga: _____

Bala ngaku-2



Bala amakowusu



a. Mangaki amakowusu alapho? _____

b. Ziimpara ezingaki zamakowusu? _____

c. Kusele amakowusu amangaki? _____



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Ukubhala iimpara zamakowusu

Tlola kobana ziimpara ezingaki zamakowusu ezilapho begodu utjho nakhibe kukhona aseleko.

Amakowusu	Isibalo seempara	Inani lamakowusu	Amswenya aseleko
			
			
			
			
			



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25b

Ilanga: _____

Bala ngaku-2 (kuragela phambili)



Ukwakha iimpara. Landela iimbonelo

Tlola phasi zoke iinomboro ezilinganako kusukela ku-0–60.

a. Tlola iinomboro ezilanganako kusukela kwe-1-40.

2, 4, 6, _____

_____

_____

b. Tlola iinomboro ezilinganako kusukela kwe1-40.

3, 5, 7, _____

_____

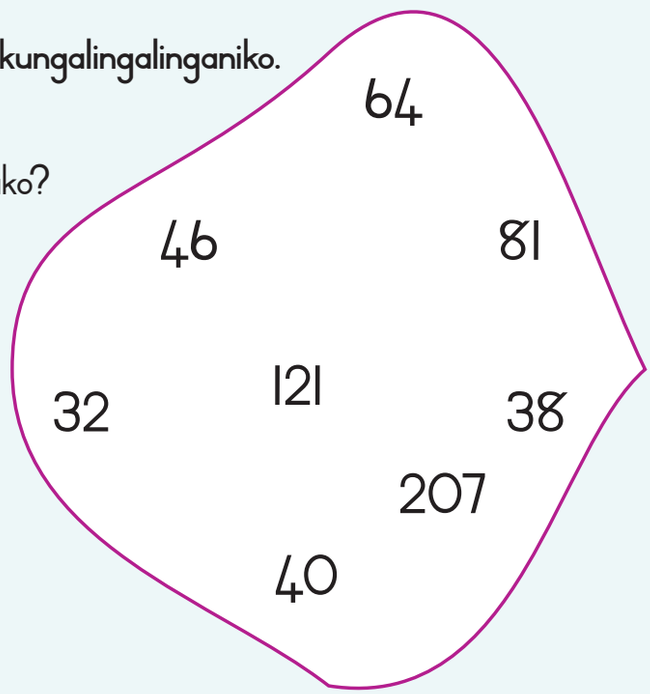
_____



Okulingalinganako nokungalingalinganiko.

Ngiziphi iinomboro esizibiza ezilinganako?

Ngiziphi esizibiza ezingalinganiko?





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5 Kusukela emakowuswini ukuya eempareni zamakowusu

Isibonelo:

ipara yi-1  = amakowusu ma-2

$2 \times 1 = 2$

impara ezili-10  = amakowusu ama-20

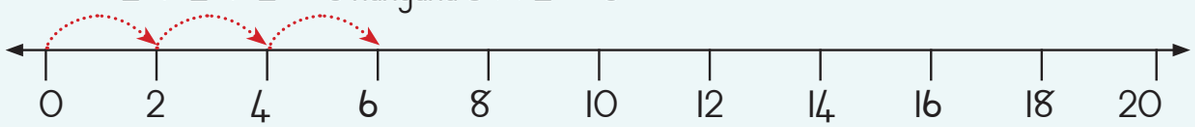
$2 \times 10 = 20$

Tlola kobana mangaki amakowusu.

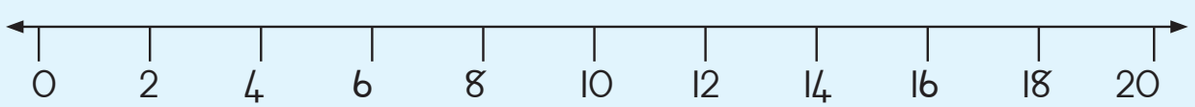
Cabanga ngaku-2	Umutjho weenomboro
Ipara eyo-1 amakowusu = ama-2	2 × 1 = 2
Iimpara ezi-2 amakowusu = ama-___	2 × 2 =
Iimpara ezi-4 amakowusu = abu-___	
Iimpara ezibu-8 amakowusu = ali-___	
Iimpara ezili-9 amakowusu = ali-___	

Tjengisa inani phezu kwenambalayini bese uyaqedelela.

Isibonelo: $2 + 2 + 2 = 6$ nanyana $3 \times 2 = 6$



$2 + 2 + 2 + 2 + 2 + 2 + 2 =$ ☐ nanyana ☐ × ☐ = ☐



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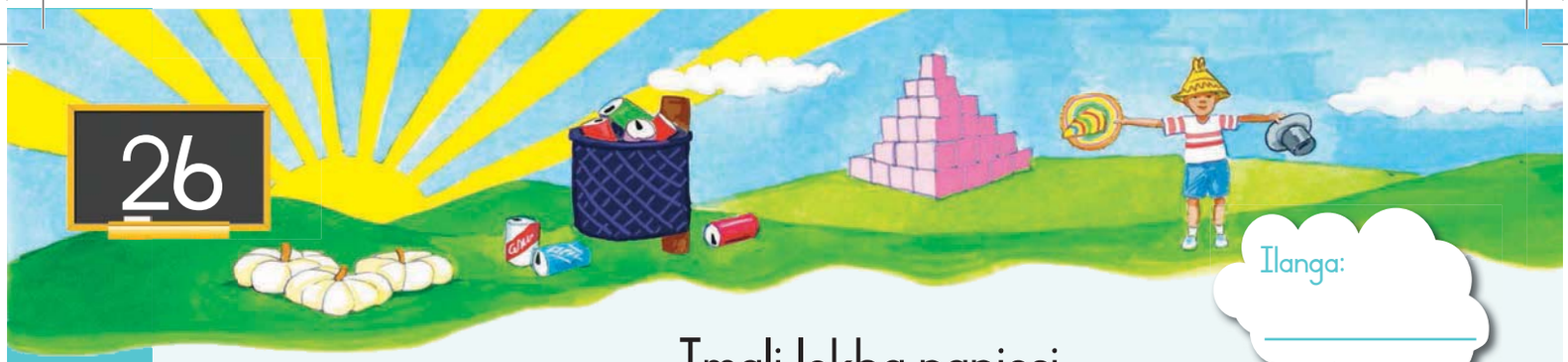

Ilanga: _____

Imali lokha nanjesi



Indatjana yemali yethu

ESewula Afrika sisebenzisa amaranda namasende njengemali yethu.
Sathoma ukusebenzisa amaranda neensende ngomnyaka we-1961.

Ngalawo malanga isende yi-1 yesimbi gade kungiyo encani khulu, kulandele neensende.
ama-2 bese kulandela amasente ama-5.





1 2 3 4 5 6 7 8 9 10

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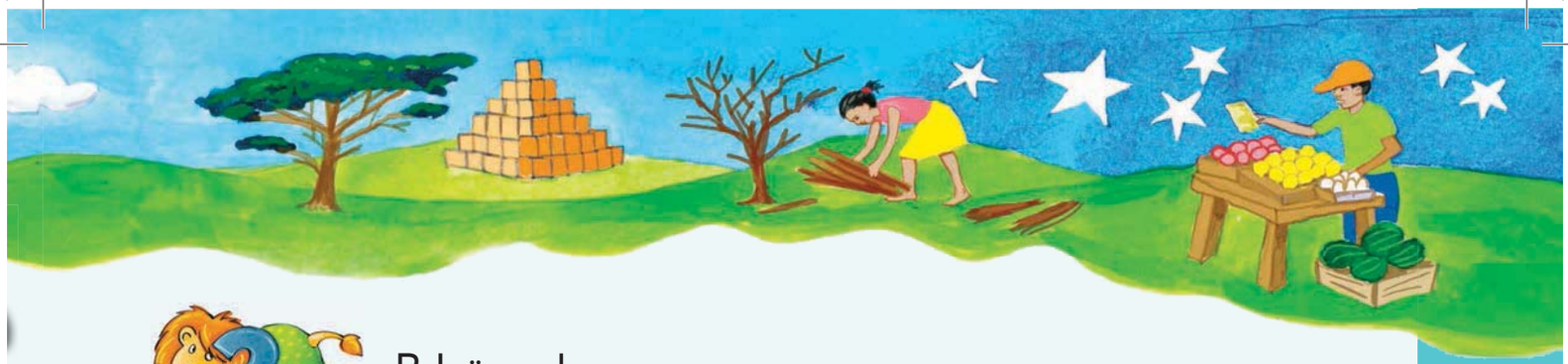
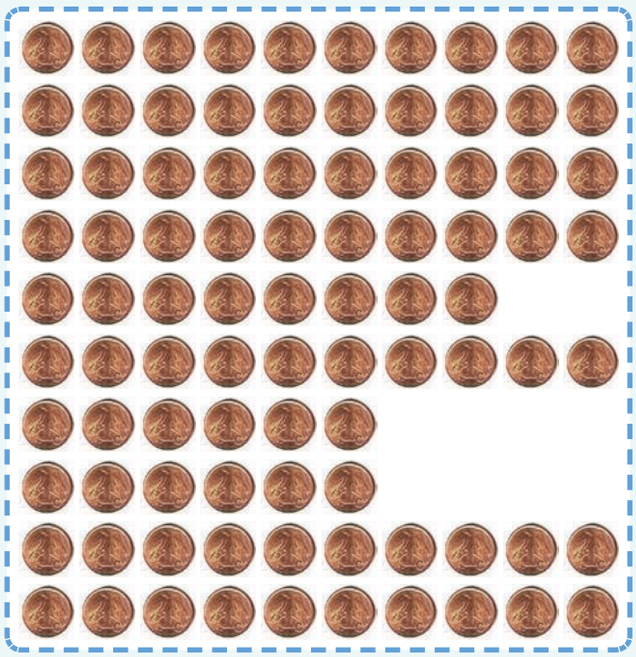




Bala iinsende

Yenza iranda li-1.
Unamasende amangaki?



Mangaki afunekako ukwenza i-R1,00?

Agwale.



Ziinsende ezingaki?

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



Isithelo sibiza malini?

2  ibiza-R4,00.

Ufumana amabhanana amangaki nge-R20,00?

2  ibiza-R2,00.

Ufumana ama-apula amangaki nge-R9,00?



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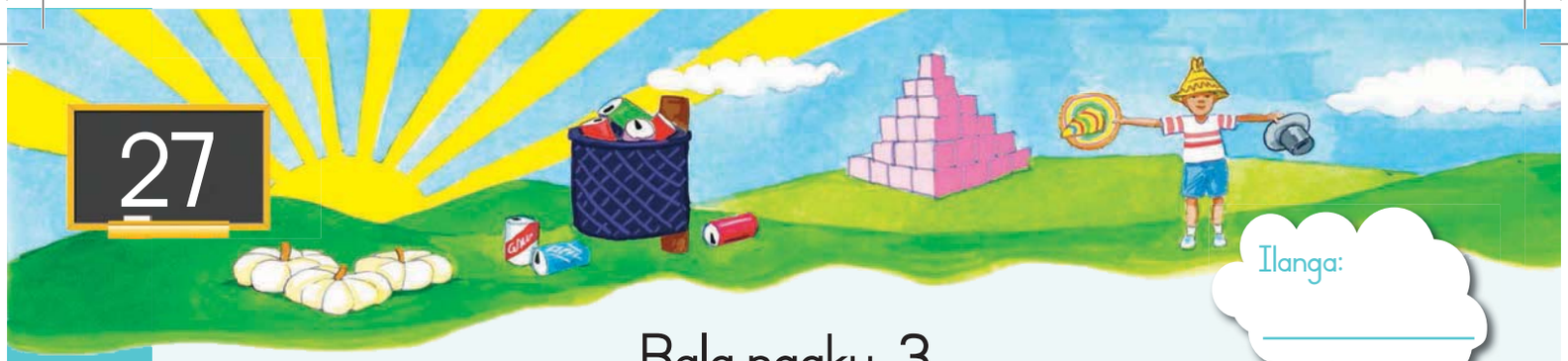

27

Ilanga: _____

Bala ngaku-3



Amavili ngama-3



Ibhayisigili-emavili-ntathu yi-I inamavili ama ___.



Iimbhasigili ezi-5 zinamavili ama _____.	$3 + 3 + 3 + 3 + 3 = 5 \times 3 =$ _____
Iimbhasigili ezi-2 zinamavili ama _____.	$3 + 3 = 2 \times 3 =$ _____
Iimbhasigili ezi-4 zinamavili ama _____.	
Iimbhasigili ezi-6 zinamavili ama _____.	
Iimbhasigili ezi-9 zinamavili ama _____.	
Iimbhasigili ezi-8 zinamavili ama _____.	



Amanambalayini.

Landela isibonelo.



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



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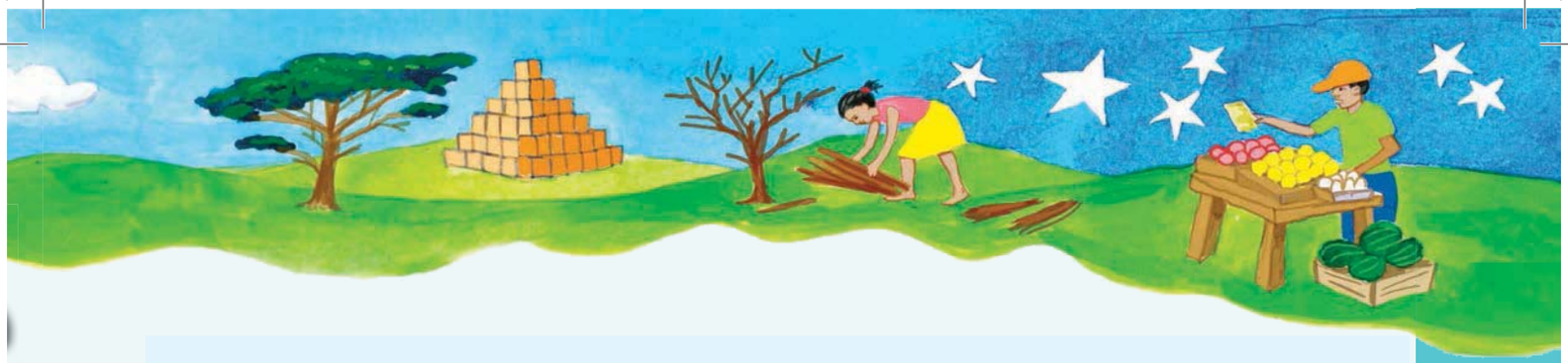
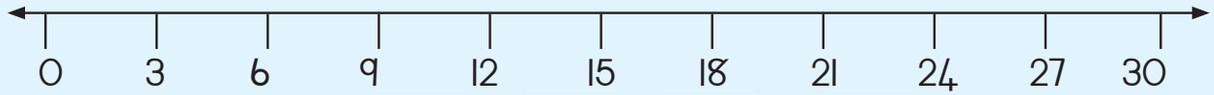
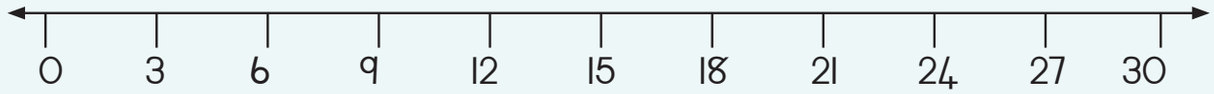


b.



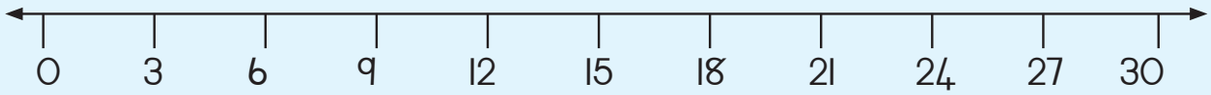
$3 + 3 + 3 + 3 + 3 =$ ☐ $=$ ☐ $\times$ ☐ $=$ ☐

c.



_____ $=$ ☐ $= 6 \times 3 =$ ☐

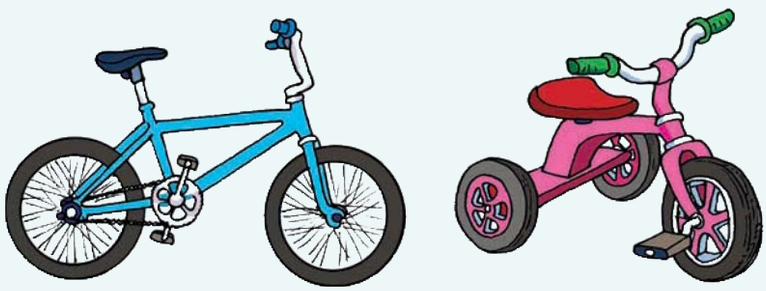
d.



_____ $=$ ☐ $= 10 \times 3 =$ ☐



Iinthuthuthu neembhayisigili-ezimavilintathu ezi-3



Esitolo seembhayisigili uBusi ubala amavili weembhayisigili neweembhayisigili-ezimavili-ntathu.

Kunamavili ali-14 sele awoke.

Kuneembhayisigili ezingaki lapho? _____
Kuneembhayisigili-ezimavili-ntathu ezingaki lapho? _____





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Qedelela itheyibula elandelako.

Sebenzisa isibonelo ukubanelemuko.

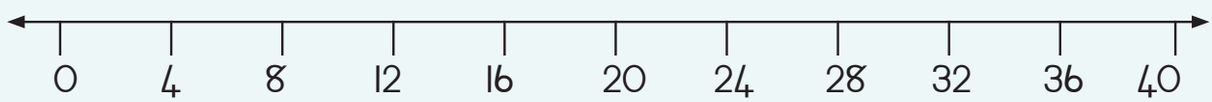
Iinkomo ezi-3 zinemilenze eli- _____	4 + 4 + 4 = 4 × 3 = __12___
Iinkomo ezi-5 zinemilenze eli- _____	
Iinkomo ezi-4 zinemilenze eli- _____	
Iinkomo ezi-7 zinemilenze eli- _____	
Iinkomo ezi-8 zinemilenze eli- _____	



Amanambalayini

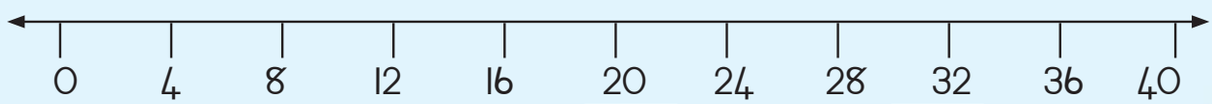
Qedelela lokhu, okulandelako utjengise ngenambalayini.

a.



_____ = ☐ = 5 × 4 = ☐

b.



_____ = ☐ = 9 × 4 = ☐



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29

Ilanga: _____

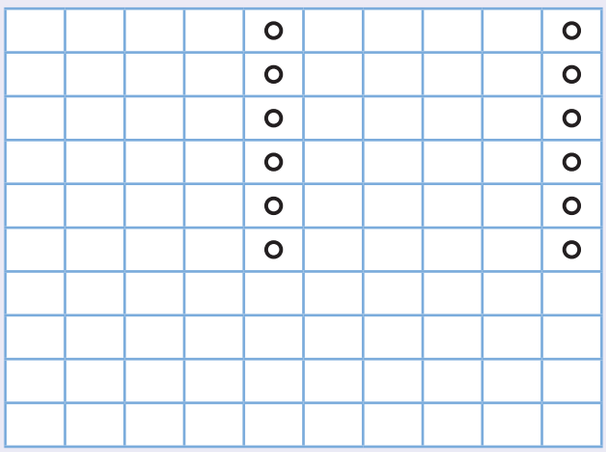
Amaphetheni ngeenomboro



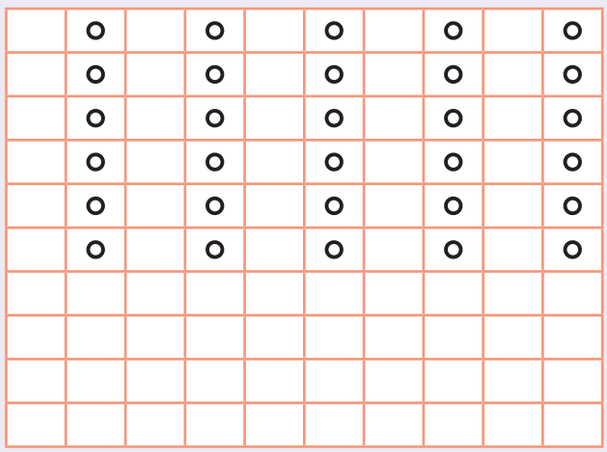
Amaphetheni wegridi

Ngiyiphi iphetheni yeenomboro eyenza iindulungu ekutjengiseni igridi ngayinye ye-100? Dweba iindulungu ezingaphezulu ukuqedelela iphetheni ngayinye. Tlola ibizo lephetheni.

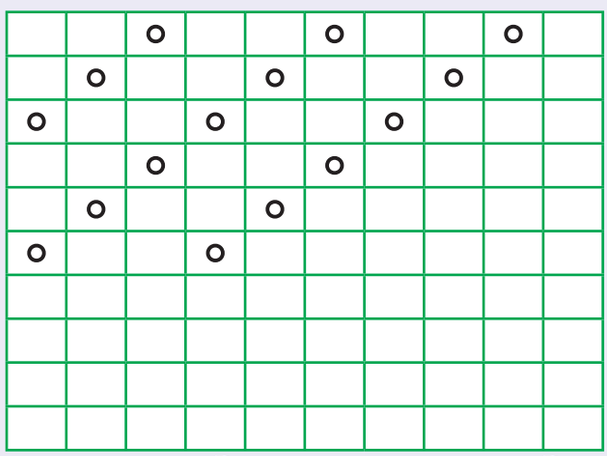
a. Iphetheni: _____



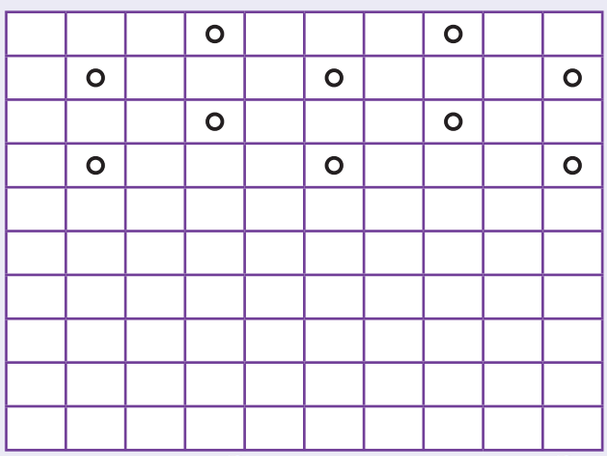
b. Iphetheni: _____



c. Iphetheni: _____



d. Iphetheni: _____



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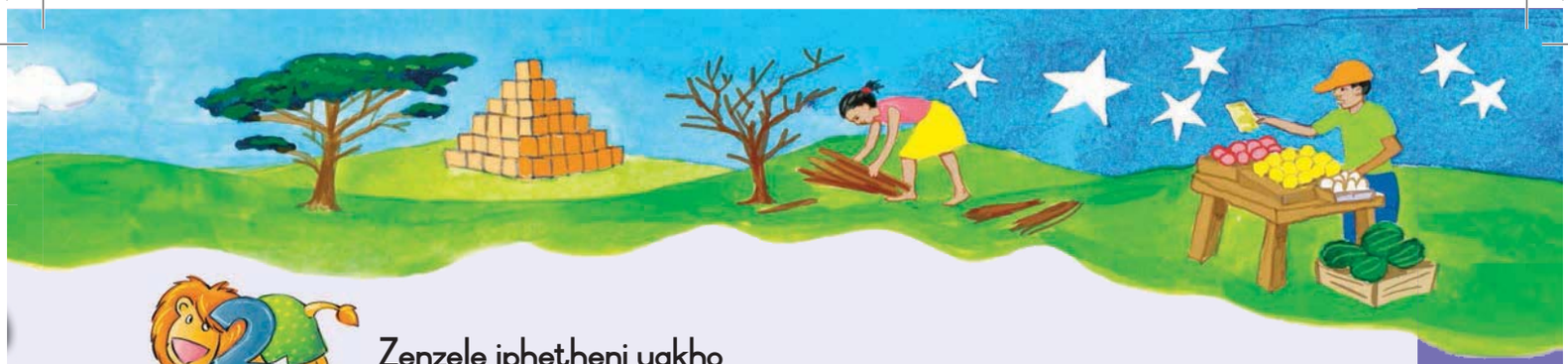
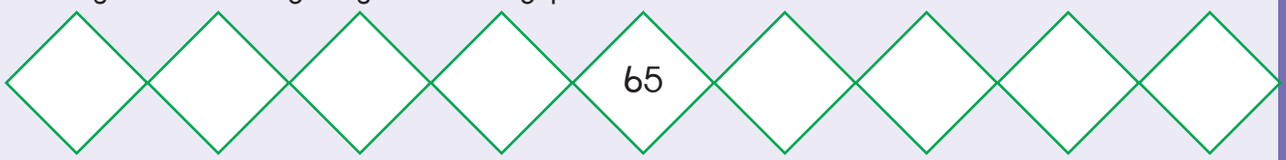


Zenzele iphetheni yakho

a. Kilephetheni yeenomboro, iinomboro zoke ziyalingana.
Inomboro enye ingaba yini? Zitlole ngapahakathi.



b. Kilephetheni yeenomboro, iinomboro zoke azilingani.
Ezinye iinomboro zingaba yini? Zitlole ngaphakathi.



Ingabe zifanele zibe kuphi?





Iphetheni yangaku-3 neyangaku-4	Iphethe yangaku-3 neyangaku-5	Iphetheni yangaku-4 neyangaku-5
Isib. 48		

Elwandle

UThembi udobha amacephe welwandle ahlangana kwama-60 nama-70

Uwabala ngaku-3, usele nali-1. _____

Uwabala ngaku-5, usele nama-4. _____

Ingabe uThembi unamacephe amangaki?







11 12 13 14 15 16 17 18 19 20

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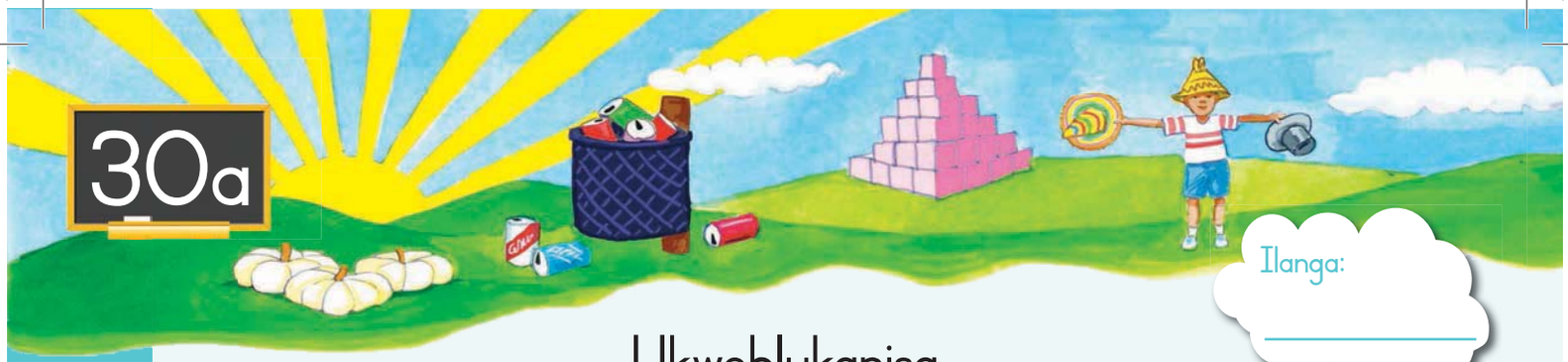
30a

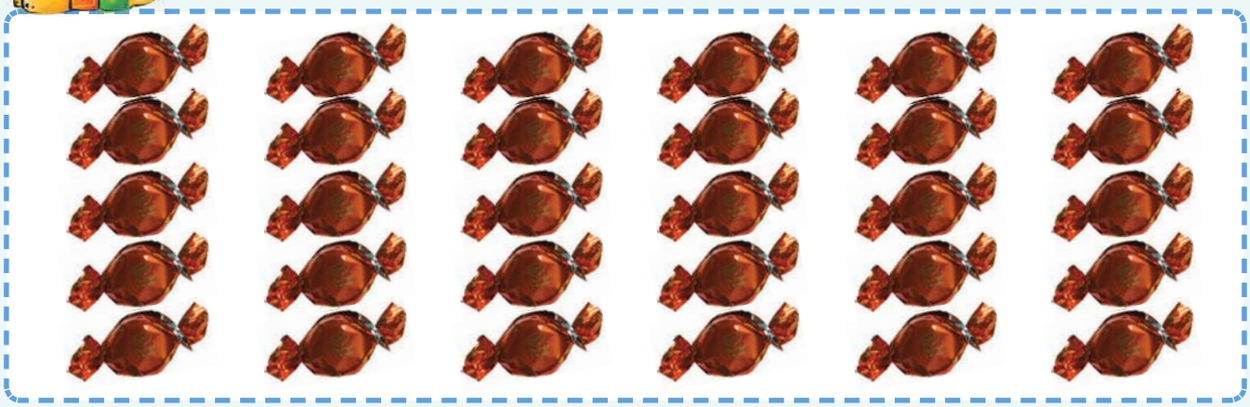


Ilanga: _____

Ukwehlukanisa



Yabelana ngamaswidi.



a. Yabela abentwana ababili ngokulingana amaswidi ama-30.



Singatlola ngendlela elandelako: 30 ÷ 2 = 15

b. Amaswidi ahlukaniselwe abentwana aba-3



÷ =

c. Amaswidi ahlukaniselwe abentwana aba-5



÷ =



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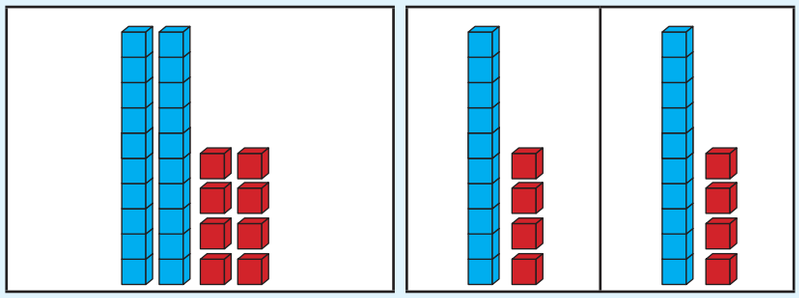
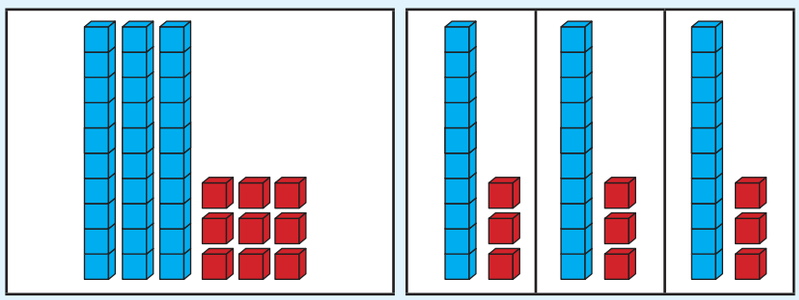
Singasebenzisa iinomboro zamabhlogo ukwabelana.



28 ÷ 2 = 14

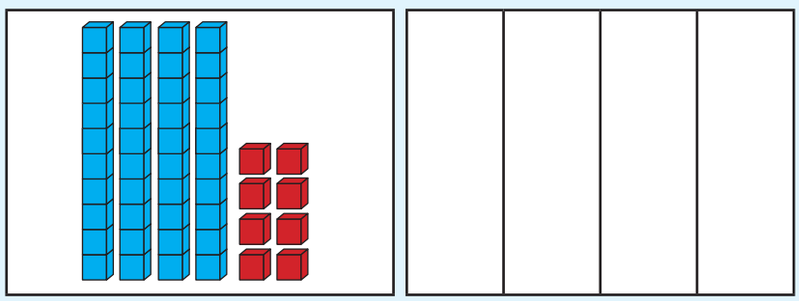
Kwanje yenza lokhu.

a.



÷ 3 =

b.



÷ 4 =





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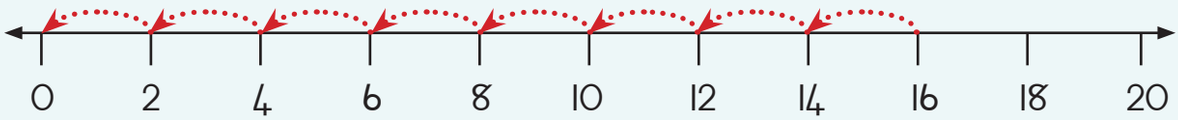
30b



Ilanga: _____



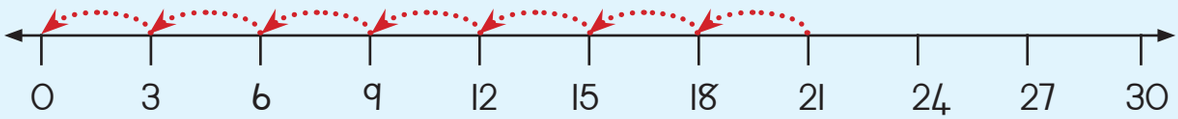
Sebenzisa amanambalayini ukutlola umutjho weenomboro okhuphako nanyana ohlukanisako.



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

16 ÷ 2 = 8

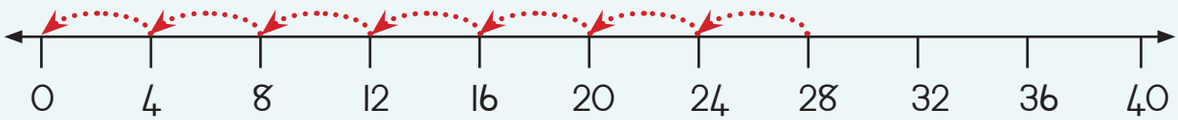
a.



21 – _____

☐ ÷ ☐ =

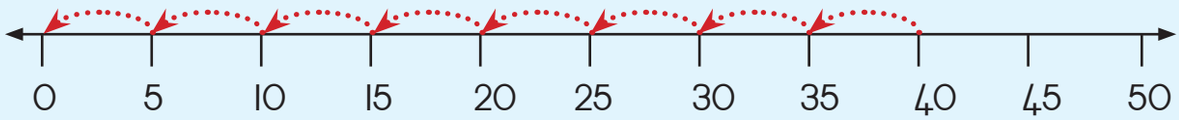
b.



28 – _____

☐ ÷ ☐ =

c.



___ – _____

☐ ÷ ☐ =



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Gwala inambalayini bese uyararulula.

a. 30 ÷ 5 =

b. 22 ÷ 2 =

c. 27 ÷ 3 =

d. 32 ÷ 4 =

e. 25 ÷ 5 =

Iselele

Tjengisa iindlela ongazilandela ukwabela iinqhema zabentwana amaswidi ama-24 ngokulingana.

Tlola umutjho weenomboro ukutjengisa ipendulo yakho.



Teacher:
Sign:
Date:

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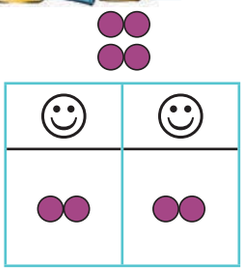
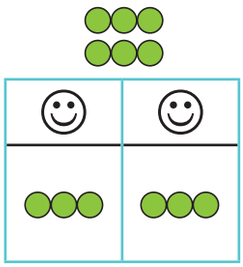
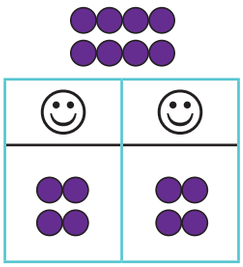
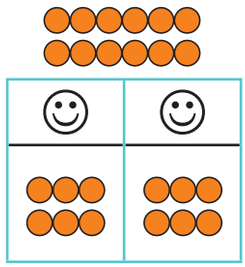
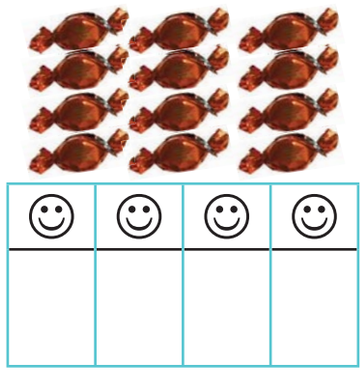
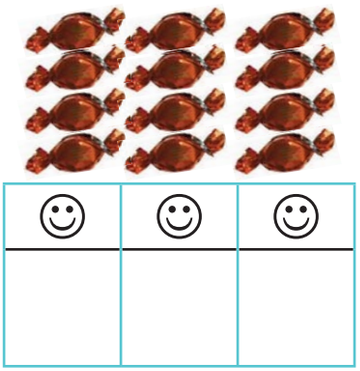
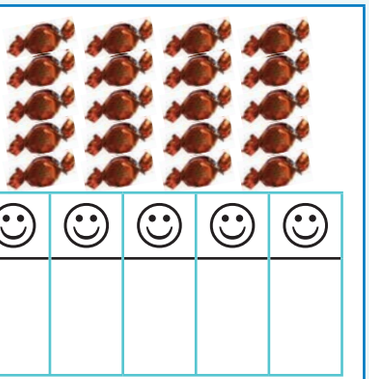
Yabela abentwana ababili iimbalisi.

			
• Omunye nomunye ufunyene iimbalisi ezi- 2 • $\frac{1}{2}$ yaka 4 ngu 2.	• Omunye nomunye ufunyene iimbalisi ezi- ___ • ____ yaka____ngu ___.	• Omunye nomunye ufunyene iimbalisi ezi- ___ • ____ yaka____ngu ___.	• Omunye nomunye ufunyene iimbalisi ezi- ___ • ____ yaka____ngu ___.
$4 \div 2 = 2$	___ ÷ ___ = ___	___ ÷ ___ = ___	___ ÷ ___ = ___



Yabela abentwana amaswidi ngokulingana.

		
• $\frac{1}{4}$ amaswidi = 3 • $\frac{2}{4}$ amaswidi = 6 • $\frac{3}{4}$ amaswidi = 9 • $\frac{4}{4}$ amaswidi = 12	• $\frac{1}{3}$ amaswidi = ___ • $\frac{2}{3}$ amaswidi = ___ • $\frac{3}{3}$ amaswidi = ___	• $\frac{1}{5}$ amaswidi = ___ • $\frac{2}{5}$ amaswidi = ___ • $\frac{3}{5}$ amaswidi = ___ • $\frac{4}{5}$ amaswidi = ___ • $\frac{5}{5}$ amaswidi = ___



Teacher:
Sign:
Date:



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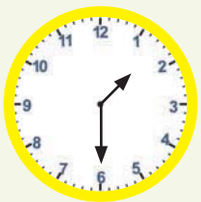
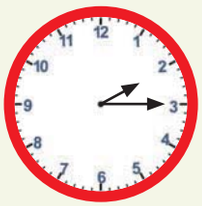
Ukuya ekhaya

UBen uthatha isikhathi esingangani ukufika ekhaya?

	imizuzu
	ama-iri



UBen usuka esikolweni.



UBen ufika ekhaya.

Isikhathi siyagijima

Isikhathi ngaku-2 ...



Mingaki ...

imizuzu ema-irini ama-2? _____

ama-iri ngamalanga ama-2? _____

amalanga ngeemveke ezi-2? _____

iinyanga ngeminyaka emi-2? _____

Malanga amangaki?

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

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

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

UMrhayili 27 liLanga leKululeko.

UMgwengweni 16 liLanga leLutjha.

a. Kusukela ngelanga leKululeko ukuya eLangeni leLutjha kunemi _____ iinyanga zoke, _____ iimveke zoke begodu _____ namalanga _____.

b. Zingaki iimveke zoke kikho koke? _____Mangaki amalanga aseleko? ___. Mangaki amalanga kikho koke? ___.

c. Ilanga lamabeletho wakaLebo limalanga ali-7 ngaphambi kweLanga leKululeko. Ilanga lamabeletho wakaMusa limalanga amabili ngemva kwelanga leLutjha.

Ngubani omdala? _____ Ngamalanga amangaki? _____

Tjhega. Madanisa. Lungisa.

Teacher:
Sign:
Date:

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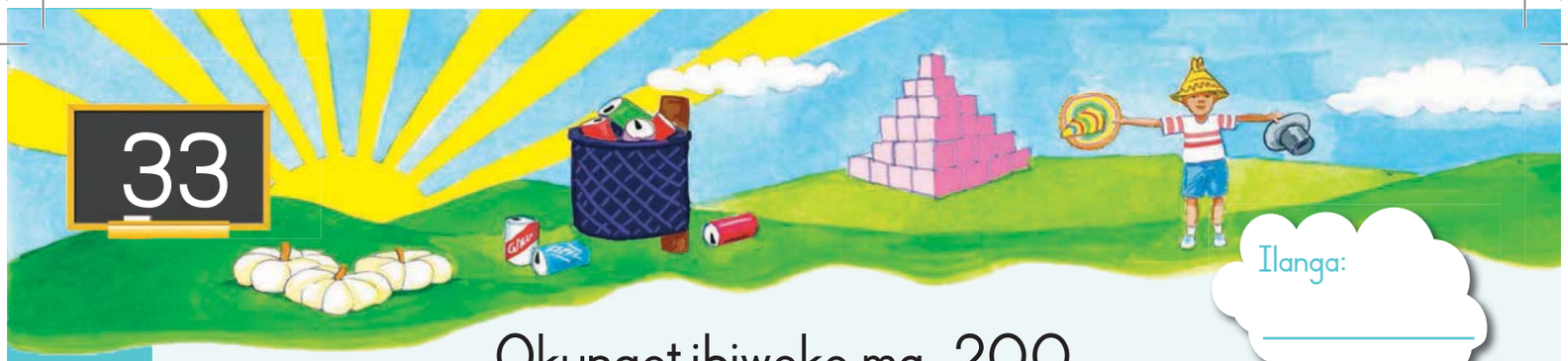


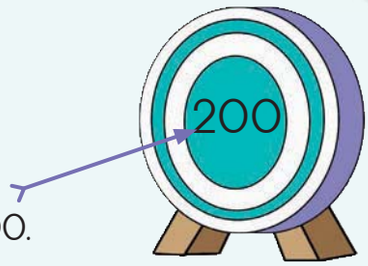
33

Ilanga: _____

Okunqotjhiweko ma-200



Balani iinomboro



Balani benitjho zoke iinomboro kusukela e-101 ukuya ema-200.
Khombani nanilokhu nibala.



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



Tlolani iinomboro

a. Tlolani inomboro etlhayelako esikwereni ngasinye esihlaza kwesibhakabhaka.

b. Tlolani zoke ezinye iinomboro.

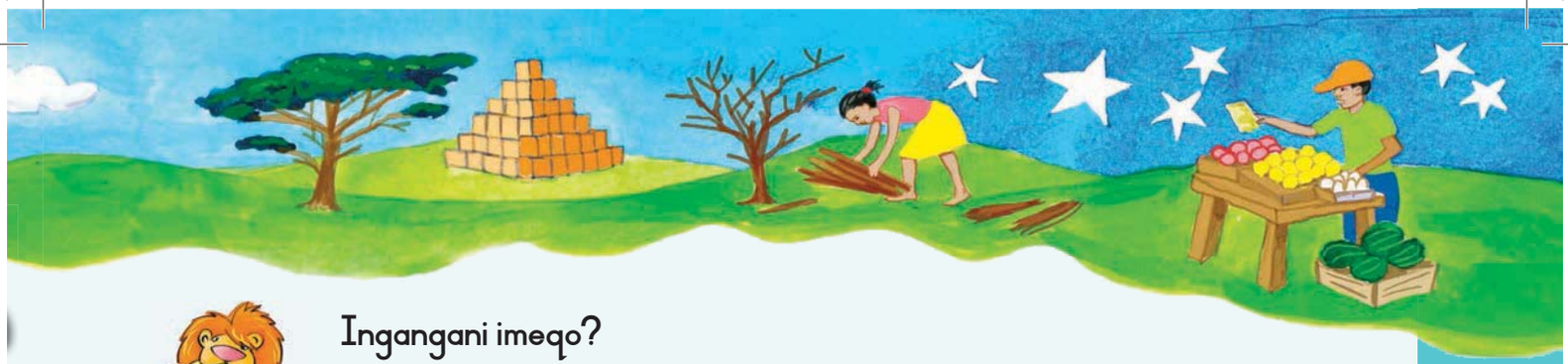
c. Tlolani iinomboro ezili-10 ezilandelako ngemva kwama-200.

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



1 2 3 4 5 6 7 8 9 10

NDEBELE Num Gr3 WS76-153.indd 76 2012/05/30 3:06 PM



Ingangani imeqo?

a.

200		180			
					110
50					
				0	

b.

87		107	
167			
		207	
			237

Qedelela

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

Hlela iinomboro zilandelane kusuka kencani kuye kekulu.

_____

_____

_____

_____

_____

Balani kusukela e-100

Zalisa amabhoksi anganalitho ngokubala kobana ngikuphi okutlhogako ukufika enomborweni elandelako.

Thomani: 100 → +25 → 125 → ☐ → 129 → ☐ → 138 → ☐ → 145

Qedani: 168 ← ☐ ← 157 ← ☐ ← 151 ← ☐ ← 145

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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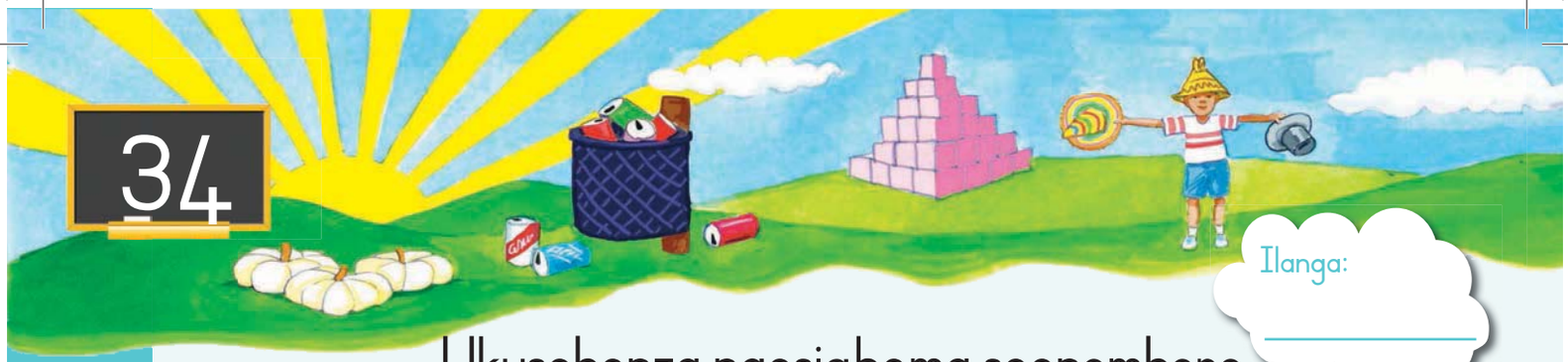

34

Ilanga: _____

Ukusebenza ngesiqhema seenomboro



Ukupaka amakerese

UNaNkosi usebenza efemini yamakerese.
Lokha amakerese nasele alungile, uwapaka ngendlela le elandelako ngamathreyi eenrageni.



Kunamakerese amangaki ethreyini ngayinye? _____
Kunamathreyi amangaki erageni ngayinye? _____
Kunama -apula amangaki erageni ngayinye? _____



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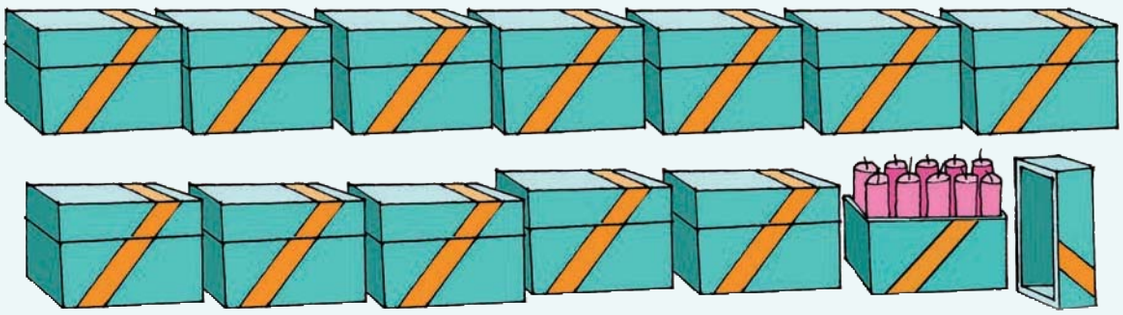
Amabhoksi wamakerese

Okulandelako uNaNkosi uvala amabhoksi.



a. Bala amabhoksi.

Mangaki? _____
Amakerese mangaki selawoke? _____
Kufanele kwenziwe mangaki amanye amabhoksi ukwenza ama-200 wamakerese? _____

b. Mangaki amabhoksi we-:

amabhoksi ama-2, _____	amabhoksi ama-4, _____
amabhoksi ama-5, _____	amabhoksi ama-3, _____
amabhoksi ama-6, _____	amabhoksi ama-7, _____

c. Mangaki amabhoksi awadingako we:

40 _____ amabhoksi	70 _____ amabhoksi
50 _____ amabhoksi	30 _____ amabhoksi

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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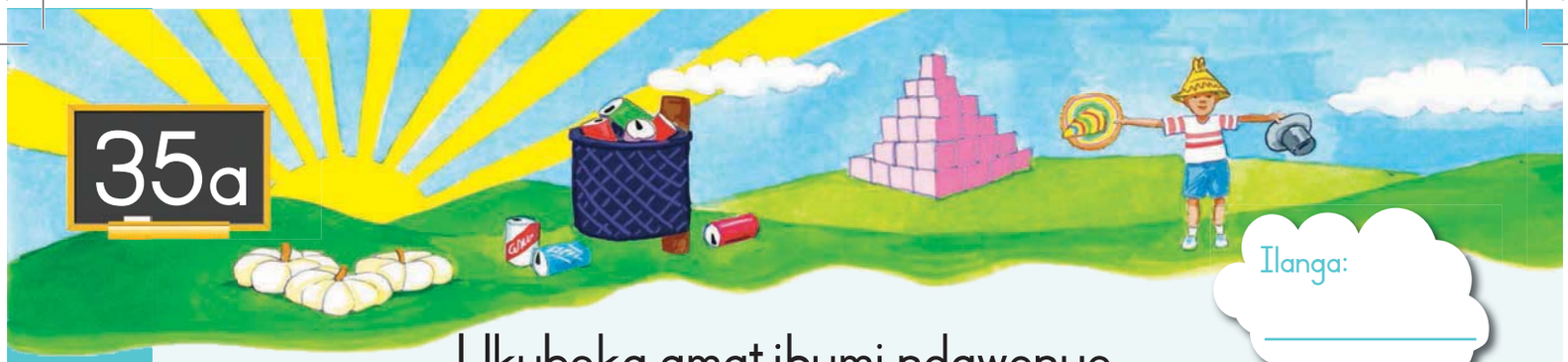


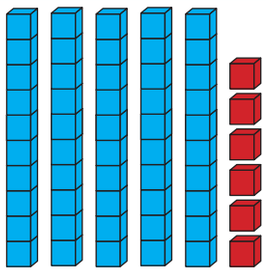
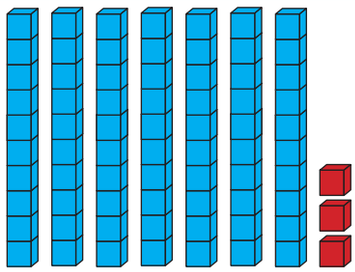
35a

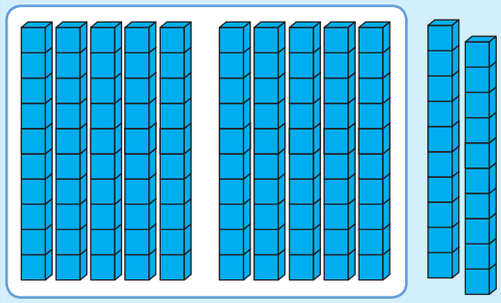
Ilanga: _____

Ukubeka amatjhumi ndawonye nokuwahlukanisa



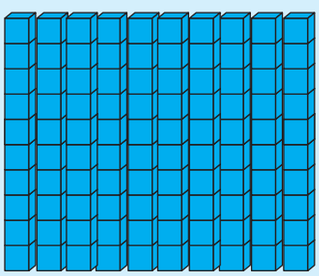
Ukubeka amatjhumi ndawonye lokha nasihlanganisa ukuya ema-999

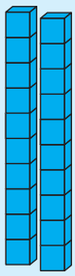
Asihlanganiseni 56 + 73 =		+	
	amatjhumi ama-5 namayunidi ama-6		amatjhumi ali-7 namayunidi ama-3

100s	10s	1s
		

Nasele kukoke sinamatjhumi ali-12.

Singabeka amatjhumi ama-10 ndawonye ukwenza ikhulu li-1.









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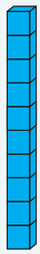
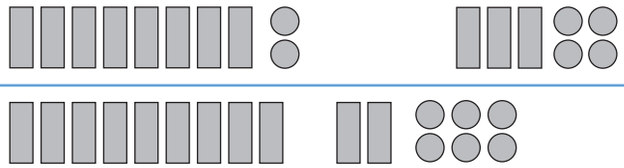
Asilingeni lokhu.



= ne =

Isibonelo: 82 + 34



100 + 20 + 6 = 126

b. 65 + 52

c. 76 + 63

d. 86 + 65

Teacher:

Sign:

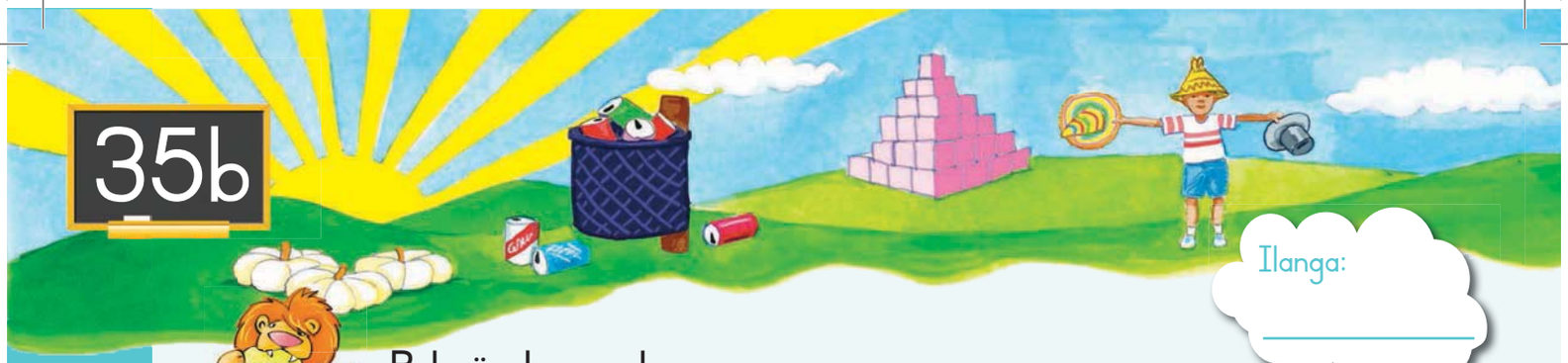
Date:



11 12 13 14 15 16 17 18 19 20

NDEBELE Num Gr3 WS78-153.indd 81 2012/05/30 3:07 PM

35b



Ilanga: _____

Beka iinqhema ndawonye

Sebenzisa amabhlogo wobukhulu beenomboro.

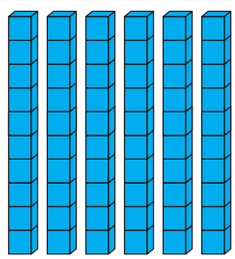
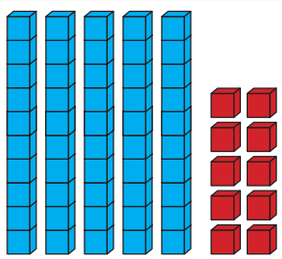
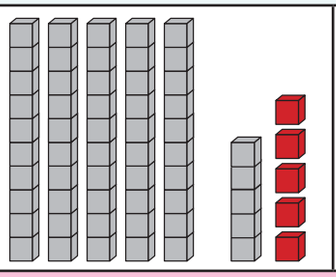
Sebenzisa amabhlogo wobukhulu beenomboro ukwenza iinomboro ezimbilezi.	Koke ndawonye mangaki amatjhumi? bangaki abowani?	Ingabe uhlele amatjhumi namkha abowani? Tjhega ubukhulu beenomboro lapho uhlela kabutjha.	Tlola inomboro.
23 + 99 =	____ amatjhumi _____ abowani	11 tens + 12 units = 110 + 12	122
38 + 25 =	____ amatjhumi _____ abowani		
77 + 31 =	____ amatjhumi _____ abowani		
68 + 45 =	____ amatjhumi _____ abowani		
83 + 47 =	____ amatjhumi _____ abowani		

Asibekele amatjhumi ngeqadi lokha nasikhuphako

Lokha nasikhuphako, kesinye isikhathi sitlhoga kobana sitjengise itjhumi linye njengabowani abalitjhumi, namkha ikhulu njenge-10 elimatjhumi.

Asikhuphe kuma: 60 – 55 =

Sithoma ematjhumini amathandathu begodu hayi abowani. Sifuna Ukukhupha amatjhumi amahlanu nabowani abahlanu (abowani esibasusako sibafake umbala omlotha.)

			
Singatjengisa amatjhumi amathandathu nje.	Namkha njengamatjhumi amahlanu nabowani bamatjhumi.	Susa amatjhumi amahlanu nabowani abahlanu. Abowani abahlanu basele.	
		60 – 55 = 5	



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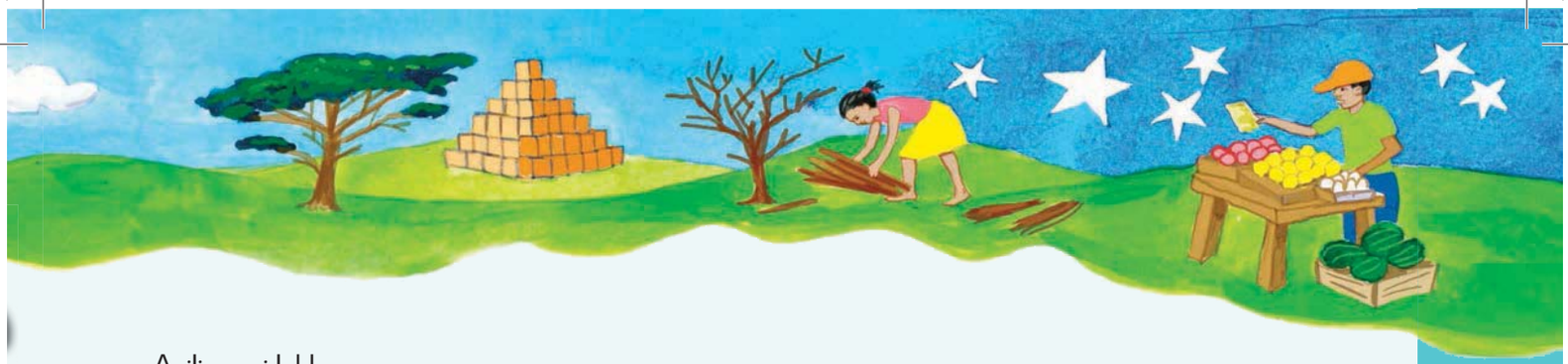
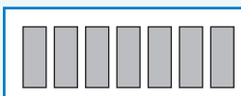
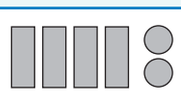


Asilingeni lokhu.

a. 70 – 28

			
7 amatjhumi	6 amatjhumi and 10 abowani	70 – 28 =	42

b. 90 – 46

c. 80 – 53



Fumana ipara yeenomboro

a.

200	
30	

b.

200	
70	

c.

200	
	105

d.

200	
85	

Teacher:
Sign:
Date:



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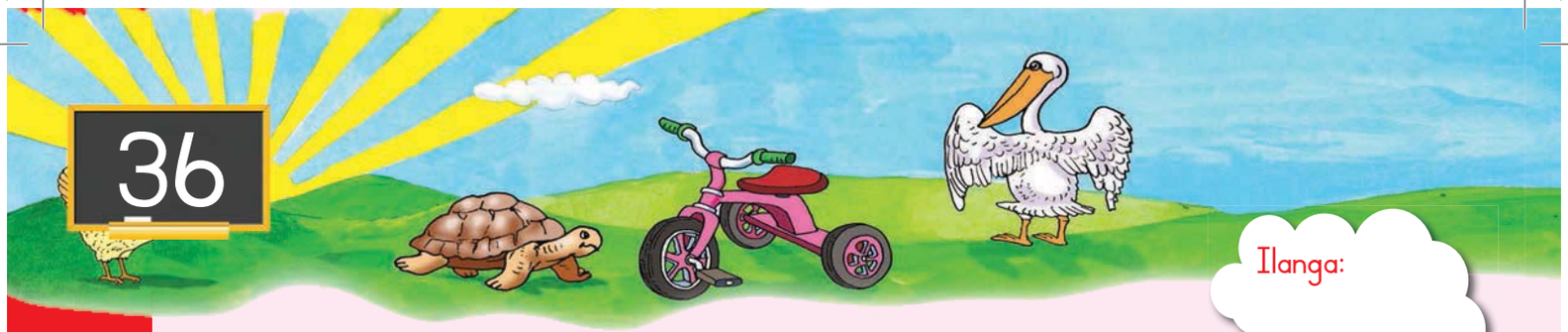


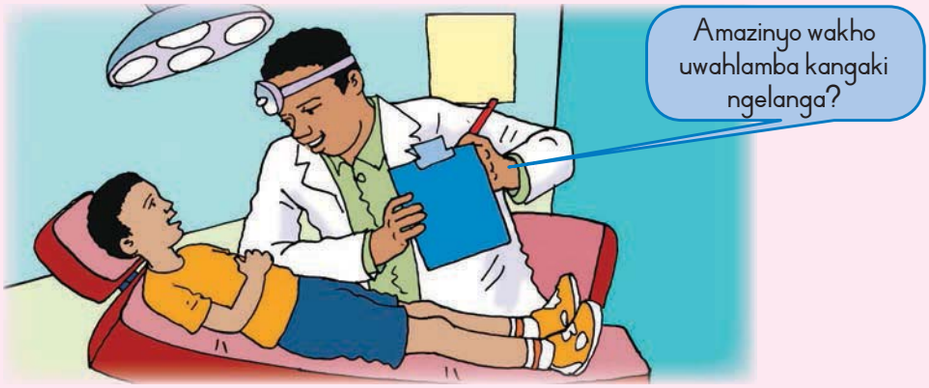
36

Ilanga: _____

Ivakatjho lokuya kudorhodere wamazinyo



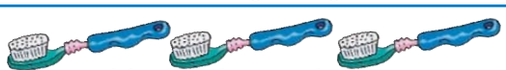
Isiqhema sabentwana sivakatjhela udorhodere wamazinyo.



Lokhu ngilokho abentwana abamtjela khona  = ka-1

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

a. Bala amathiki atjengisa kobana abentwana bahlamba amazinyo wabo kangaki. Tlola iinomboro (✓).

 Kanye ngelanga	
 Kabili ngelanga	
 Kathathu ngelanga	

b. Ungathini?

Inengi labentwana lihlamba amazinyo wabo _____ ngelanga.
Kunabentwana aba _____ esiqhemeni.



1 2 3 4 5 6 7 8 9 10

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Gwala/Dweba igrafu yeenthombe ezitjengisa kobana abentwana bawahlamba kangaki amazinyo wabo ngelanga.

 1 = kanye



Yenza iphenyo ngetlasini yakho. Buza abentwana abahlangana ne-15-20.

a. Bawahlamba kangaki amazinyo ngelanga? _____

b. Gwala igrafu yeenthombe efana nale engehla ukuze utjengise okufunyeneko?

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Date:



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Kwanje akhe ulinge lokhu ngokwakho. Yenza kunye ngendlela ezimbili ezihlukeneko.

a. 86 + 62



Indlela yakaBusi.

80 + 60 + 6 + 2



Indlela yaka-Dumi

80 + 6 + 60 + 2

b. 72 + 63

c. 81 + 57

d. 69 + 71

Sebenzisa iindlela ka-Aakar ukwenza lokhu.

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Sign:
Date:

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37b



Ilanga: _____

Kwanje asikhuphe.

a. 87 – 53



Indlela yakaBusi.

80 – 50 + 7 – 3

= 30 + 4

= 34



Indlela yaka-Dumi

80 + 7 – 50 + 3

= 30 + 4

= 34

b. 95 – 73

c. 86 – 62

d. 85 – 69

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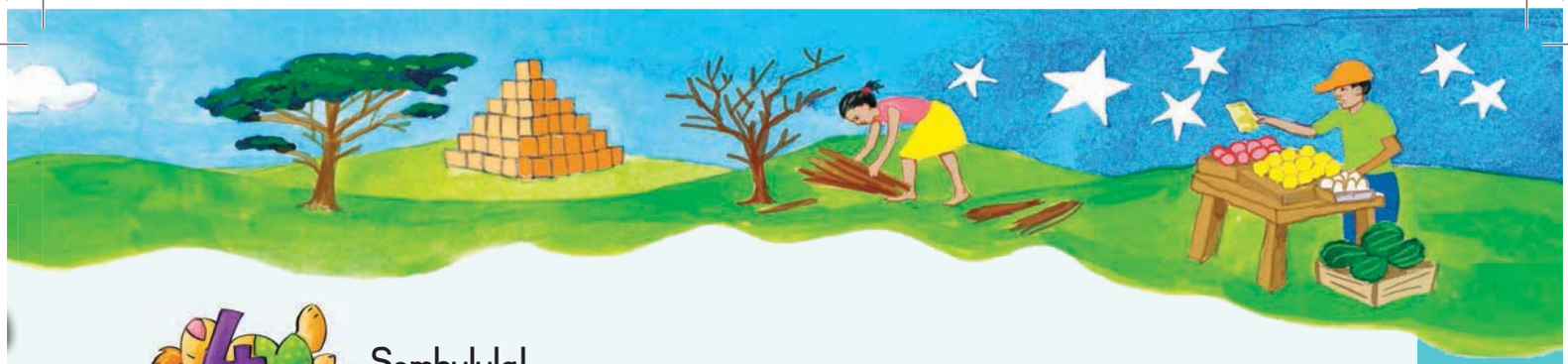


Sombulula!

Kuneendlela ezinengi zokuhlanganisa ngamayunidi nangamatjhumi ndawonye. Khetha indlela oyaziko begodu noyithanda khulu ukurarulula imiraro le. Tjengisa umsebenzakho.

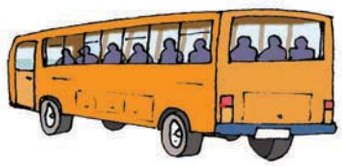
a. UPeter uthoma ngokudobha iimperegisi ezima-34 begodu neemperegisi ezima-67. Zingaki iimperegisi nasele zizoke?



b. Abentwana bakaMalusi babulunga ama-R47 nasele awoke. Ummabo uhlanganisa ama-R58. Sebanamalini kwanjesi?



c. Ibhesi yesikolo ikhamba 88 km ekuseni begodu 73 km ngemva kwedina. Mangaki ama-km nasele awoke?



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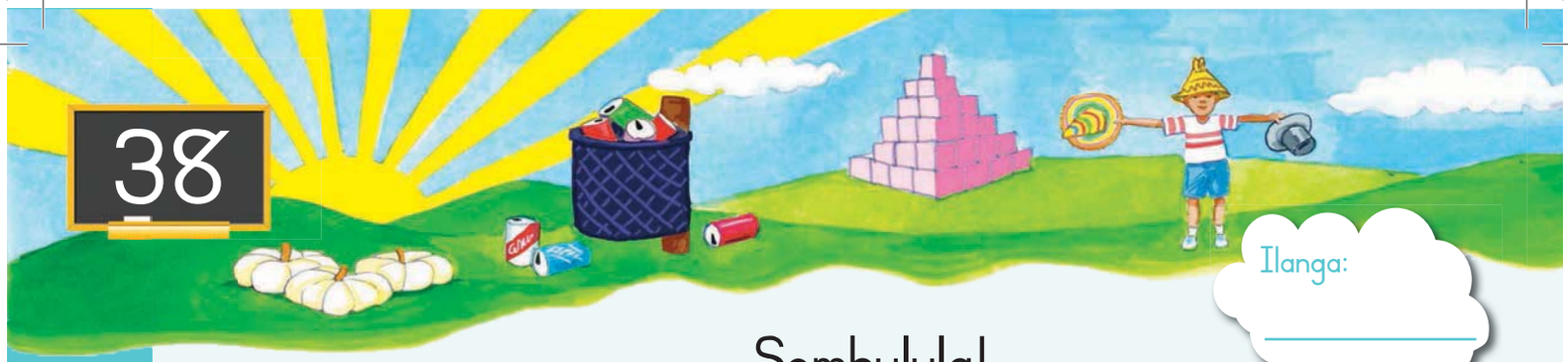

38

Ilanga: _____

Sombulula!



Iimvalo zamabhodlelo

Sebenzisa enye nenye indlela oyithandako.
Tjengisa umsebenzakho.



USipho





U-Andile

USipho ubala iimvalo zamabhodlelo ezima-87. U-Andile ubala ezima-94.
Zingaki iimvalo zamabhodlelo uSipho azibalileko?



Ikhonsadi yesikolo



Musa



UMusa uthengise amathikithi. Unamathikithi ama-92 athoma ngawo. Usele nama-67.
Bekube njenganje uMusa sele athengise amathikithi amangaki?



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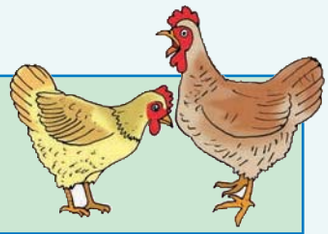
Ukuzijayeza





Kunamadzinyani ama-69 ngepanini yinye begodu ama-95 angakenye. Kuneenkukhu ezingaki lapho nasele zizoke?
Funda kobana uJabu noThembi bawusombulula njani umraro.

Indlela kaJabu

$60 + 90 + 9 + 5$
$= 100 + 50 + 14$
$= 150 + 10 + 4$
$= 164$

Indlela kaAakar

$69 + 95$
$= 70 + 95 - 1$
$= 70 + 90 + 5 - 1$
$= 160 + 4$
$= 164$



a. Abesana babuthelela ama-R96 ukulungiselela ikhambo letlasi. Abentazana babuthelela ama-R79. Ingabe babuthelele malini nasele iyoke?

Sebenzisa indlela kaJabu	Sebenzisa indlela kaAakar

b. Isikolo sinye sibuthelela amabhlegana ama-76 kg. Esinye isikolo sibuthelela amabhlegana ama-68 kg. Ma-kg amangaki wamabhlegana abuthelelwe ziinkolo ezimbili nasele awoke?

Sebenzisa indlela kaJabu	Sebenzisa indlela kaAakar





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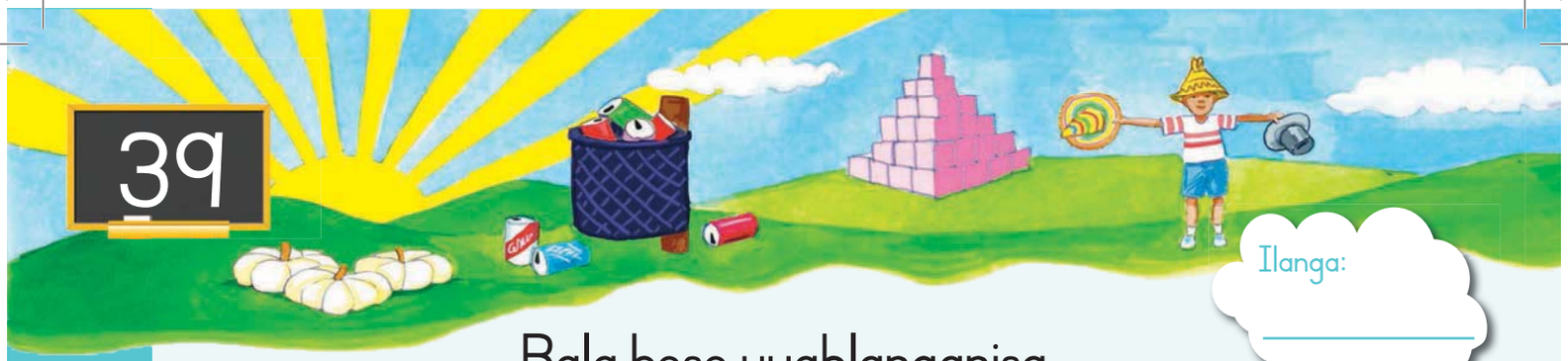


Ilanga: _____

Bala bese uyahlanganisa



Fumana ingcenye

Tlola iinomboro ezitlhayelako.

a.

100	
	27

b.

100	
39	

c.

100	
43	

d.

100	
56	

e.

200	
140	

f.

200	
	110

g.

200	
135	

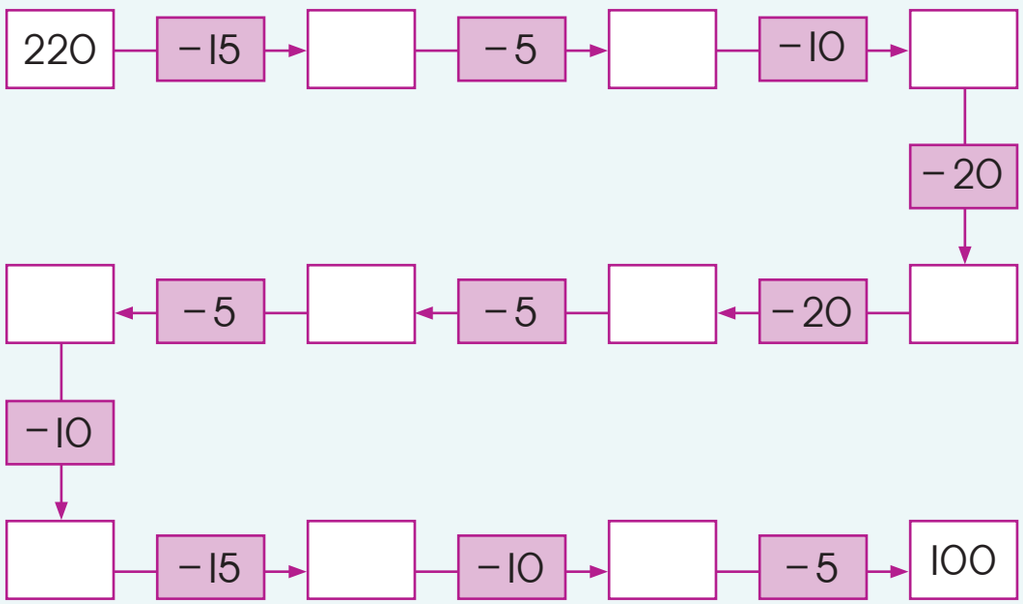
h.

200	
	120



Ukukhupha sinyovana kusukela ema -220 ukuya e -100.
Ukhupha inomboro engebhoksini elipinki.

Yokuthoma selewenzelwe yona.



Nasi indlela yokutjhega iimpendulo zakho! Thoma e -100! Sebenzela emva ukuya ema -220. Kodwana kwanjesi, hlanganisa iinomboro.



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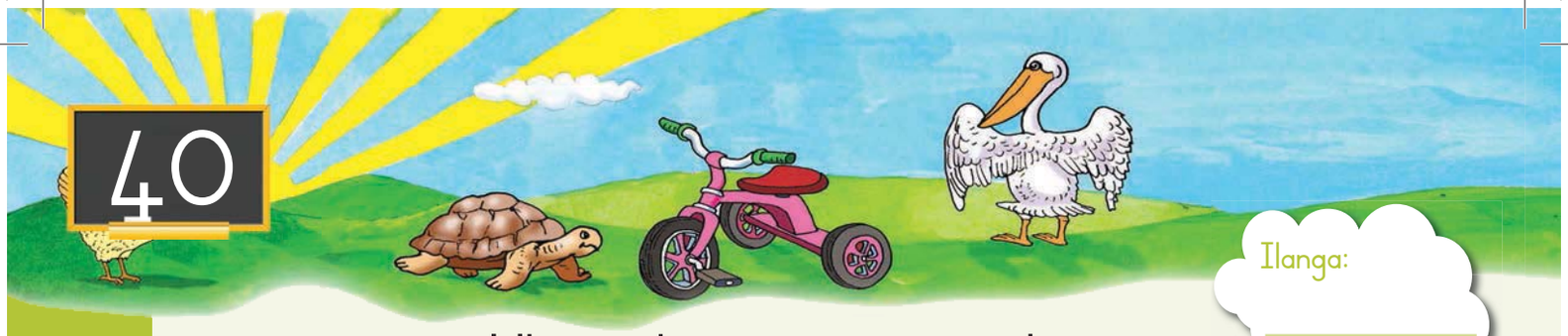


40

Ilanga:

Ukumeda ngamasentimitha



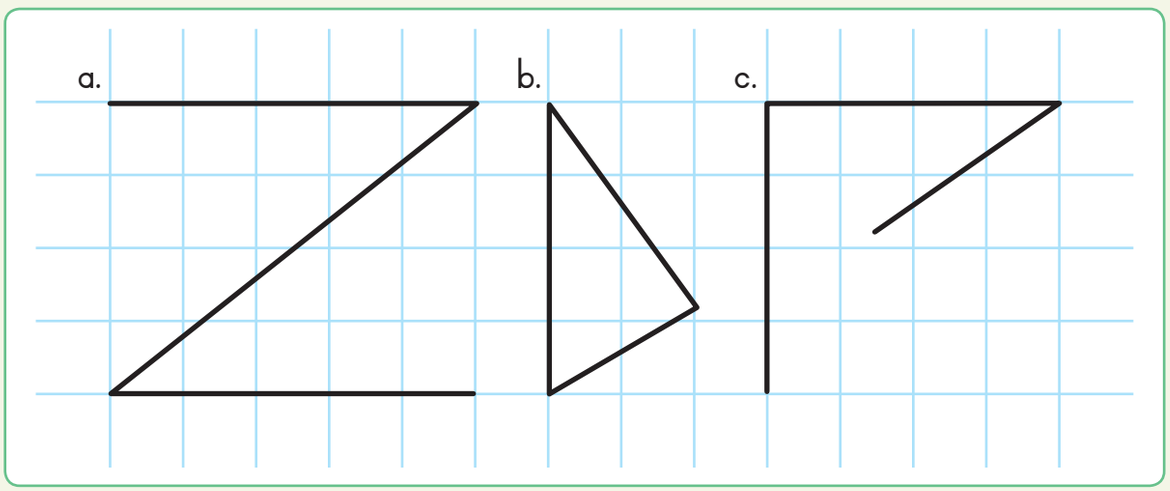
Isentimitha lingangani?



Iinomboro eruleni zijamele amasentimitha.
Sisebenzisa isirhunyezo namkha itshwayo cm.
Lokha nawusebenzisa irula, kufanele uthome ukumeda ku-0.
Amanye amarula akatjengisi u-0 njengale esekhasineli.
Fumana uziro cm eruleni. Tlola u-0 eruleni.
Ikuphi i-10 cm eruleni le? Tlola i-10 lapha.



Linganisa bese uyameda ngokunembako ngerula yakho, ithothali yobude bamalayini lawa ngama-cm.



a. Linganisa ☐ ama-cm	b. Linganisa ☐ ama-cm	c. Linganisa ☐ ama-cm
Meda ☐ ama-cm	Meda ☐ ama-cm	Meda ☐ ama-cm



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Ingabe umuda ngamunye mude kangangani?

Umuda ngamunye unama-cm amangaki ubude?
Sebenzisa umunwakho ukusize ukuquta.

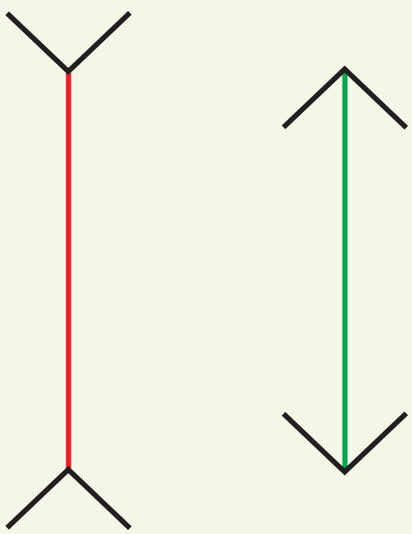
a. ——— ☐ cm	d. | ☐ cm
b. ——————— ☐ cm	e. ☐ cm
c. —— ☐ cm	f. ☐ cm



Uqinisekile?

Ngimuphi omudenyana, umthala obomvu namkha umthala ohlaza satjani?

Ungatjhega bunjani?





Lokhu ngilokho okubizwa ngokuthi kuphambanisa amehlo. Kwenzeka lokha amehlwakho abona kwangathi kunento kanti ayikho. Imida emibili le iyalingana. Ehlaza le ibonakala kwangathi idlula ebomvu kanti iyalingana.

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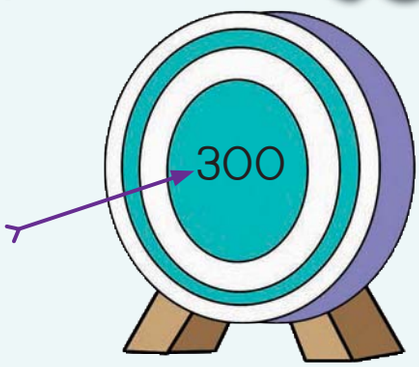
Ilanga: _____

Nqopha ama-300



Bala bewutlole ama-200!



Bala kusukela ema-201 ukuya ema-300.

Khomba nawulokhu uragela phambili.

Zalisa iinomboro ezihlaza kwesibhakabhaka qange.

Tlola ebunengini beenomboro.



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

Tlola iinomboro ezili-10 ezilandela ngemva kwama-300.

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



1 2 3 4 5 6 7 8 9 10

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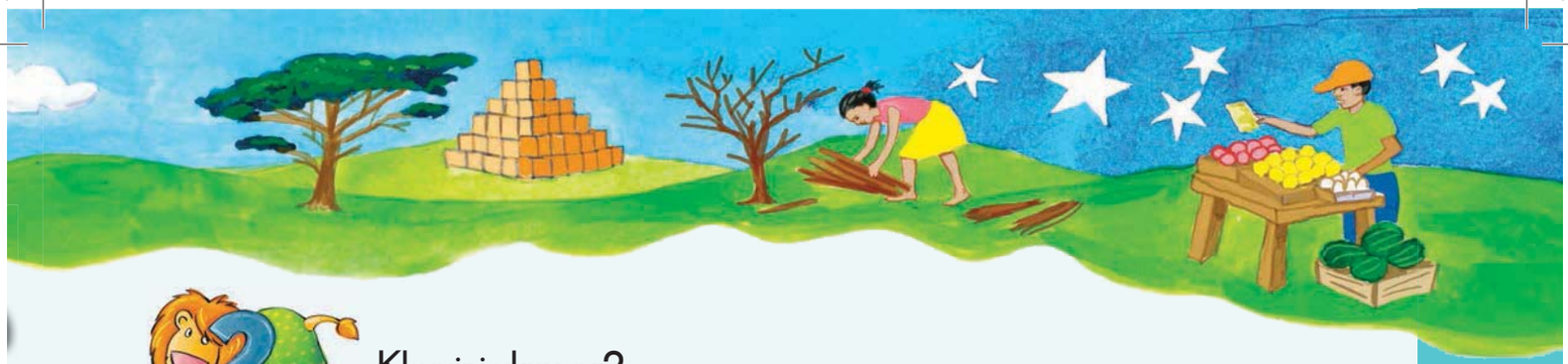


Khuyini ukweqa?

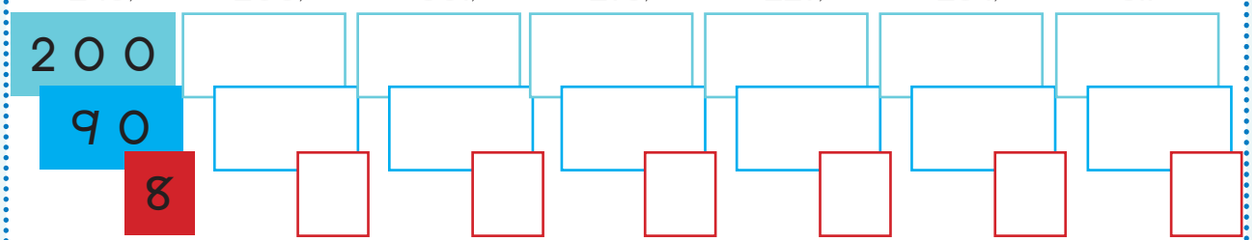
301		281					
	171				211		
				101			



Tjhejisisa begodu umadanise

a. Tlola iinomboro ezingena ngekaradeni elinye nelinye.

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



b. Tlola iinomboro ngokulandelana kusukela kezincani ukuya kezikulu.

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



Ubuyelwa yimalini? Tlola iinomboro ezithlayelako.

Thoma	200	+25	225		237		249			
Phetha	300		286		278		261			

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Date:

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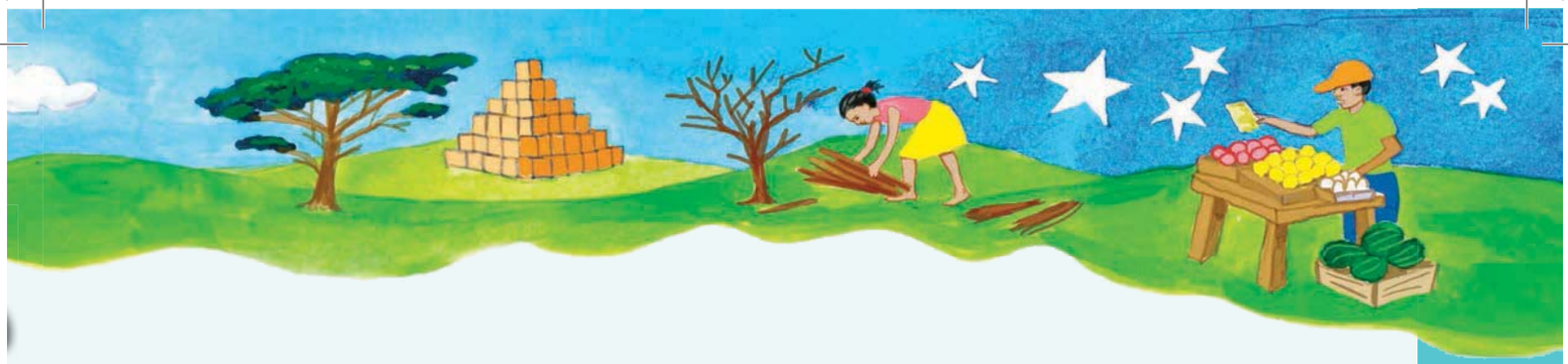

c. 276 + 148



Qala iindlela ezisetjenzisiweko bese uyakhupha.

a. 158 – 146



Indlela yakaBusi

= 100 – 100 + 50 – 40 + 8 – 6

= 0 + 10 + 2

= 12



Indlela yaka-Dumi

158 – 146

= 0 + 10 + 2

= 12

b. 194 – 122

c. 288 – 199

Teacher:

Sign:

Date:

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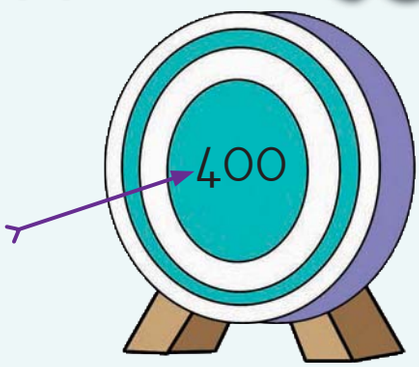
43

Ilanga: _____

Kunqotjhwe kuma-400



Ukubala kanye nokutlola ama-400



Ukubala kusuka kuma-300 bekufike kuma-400.

Phimisela/Yitjho iinomboro nawulokhu uya phambili ubala.

Tlola iinomboro ezitlhayelako kugridi.

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



Tlola ezinye iinomboro ezili-9 eziza ngemuva kwama-400.

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



1 2 3 4 5 6 7 8 9 10

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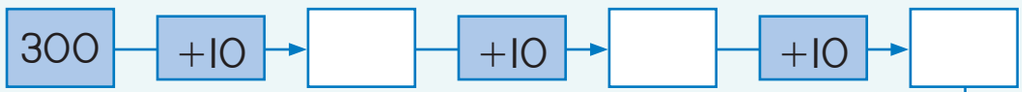
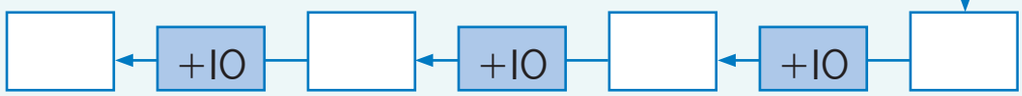
Yimalini itjhentjhi?

a. Ukubala kusuka kuma-300 nokuya phambili

Thoma

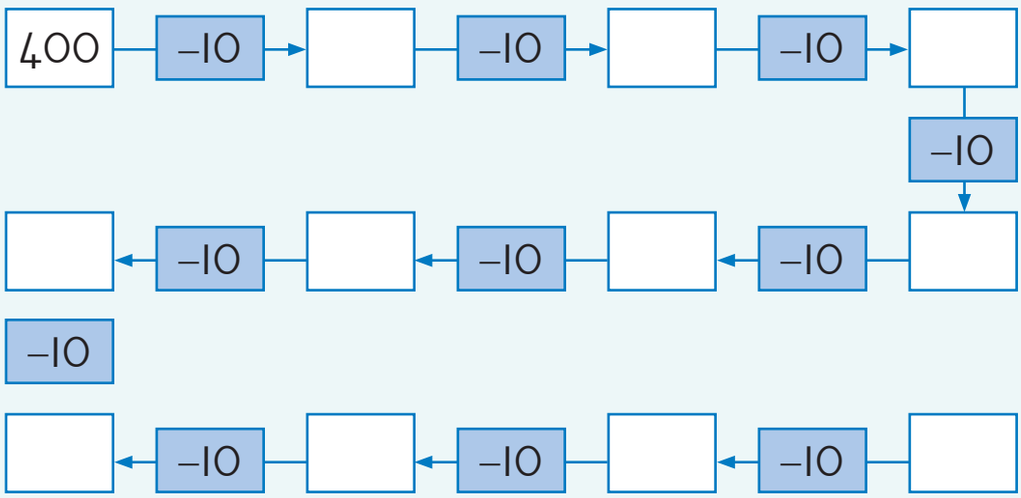


Phetha



b. Bala ukusuka kuma-400

Thoma



Phetha



Tlola kube yinomboro eyodwa

300 + 20 + 4 = _____

300 + 50 + 3 = _____

300 + 60 + 2 = _____

300 + 80 + 1 = _____

300 + 10 + 5 = _____

300 + 70 + 7 = _____

300 + 90 + 9 = _____

300 + 40 + 8 = _____

Tlola inomboro ngokulandelana kusuke kencani kuye kekulu khulu.

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

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Date:



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44

Ilanga: _____

Ukukala

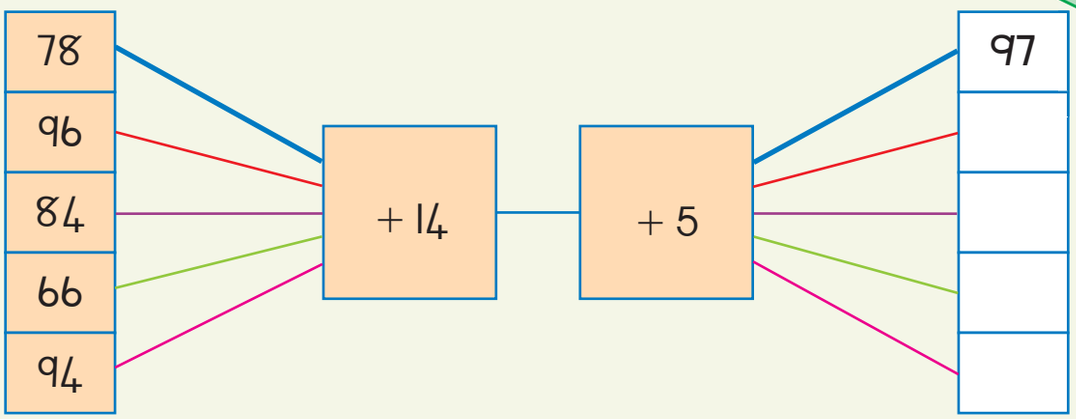


Inomboro ekhethekileko

Hlanganisa begodu ufumane iimpendulo.



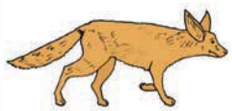
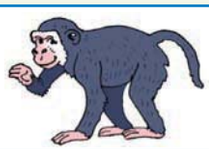
Ngiyazi kobana ngiyiphi inomboro ekhethekileko! Uyayazi?





Yenza okupheleleko begodu uhlanganise!

Cabanga kuhle!

				
UJakalasi ma-25 kg	Ukghuru ma-98 kg	Ifene ma-59 kg	Umntwana wedube ma-88 kg	IPhelikheni ma-9 kg

Yenza ubudisi ngabunye buphelele ububandameze e-10 lama-kg.

_____

Tlola ubudisi ngokulandelana kusukela kokubulula ukuya kokubudisi.

_____

Linganisa ithothali yobudisi beenyamazana ezi-5.

_____



1 2 3 4 5 6 7 8 9 10

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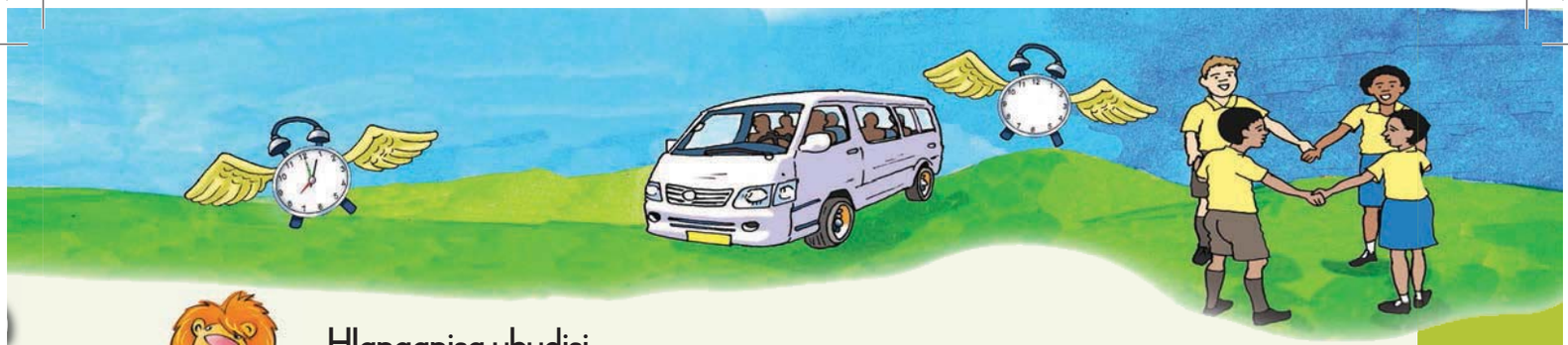

Hlanganisa ubudisi

Kungenzeka ngingabibudisi njengawe. IKghuru omdala, kodwana nginesiqiniseko ngimasinyana!

Amagadango

- Sebenzisa inani elenziwe ngokupheleleko.
- Linganisa ubudisi beenyamazana emadeni ngamunye.
- Bala ithothali.
- Madanisa amathothali amabili begodu tlola umehluko.

	Ngiyalinganisa	Ngiyabala	Umehluko
+			
+ +			
+ +			

Tjhega. Madanisa. Lungisa.

Ubudisi bakaVusi

UVusi uhlanganisa ubudisi bakhe nobudisi be begodu ne .

Ubudisi babo buma-239 kg. Ingabe uVusi unobudisi obungangani? Tjengisa ipendulo yakho.

Buyini ubudisi bami?

Dlala esiqhemeni. Dlheganani ...

Hlanganisa ubudisi bakho ebudisini bezinye zeenyamazana. Sebenza ithothali. Tjela isiqhema kobana ipendulo ithini. Ungabatjengisi umsebenzakho! Kufanele balinge basebenze ubudisi bakho.

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Date:

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45



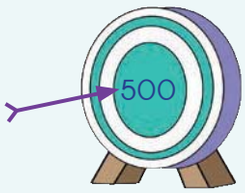
Ilanga: _____

Kunqotjhwe ku-500



Bala bewutlole!

400



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

a. Ragela phambili nokubala kusuka ema-400. Yitjho iinomboro nawulokhu ubala.

b. Tlola iinomboro ezitlhayelako ngegridini.

c. Tlola iinomboro ezilandelako ezili-9 ngemva kwama-500.

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

d. Bala ngaku-2. Tlola iinomboro ezilandelako ezibu-8 ngephetheni yangaku-2.

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

e. Bala ngaku-5. Tlola iinomboro ezilandelako ezibu-8 ngephetheni yangaku-5.

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



1 2 3 4 5 6 7 8 9 10

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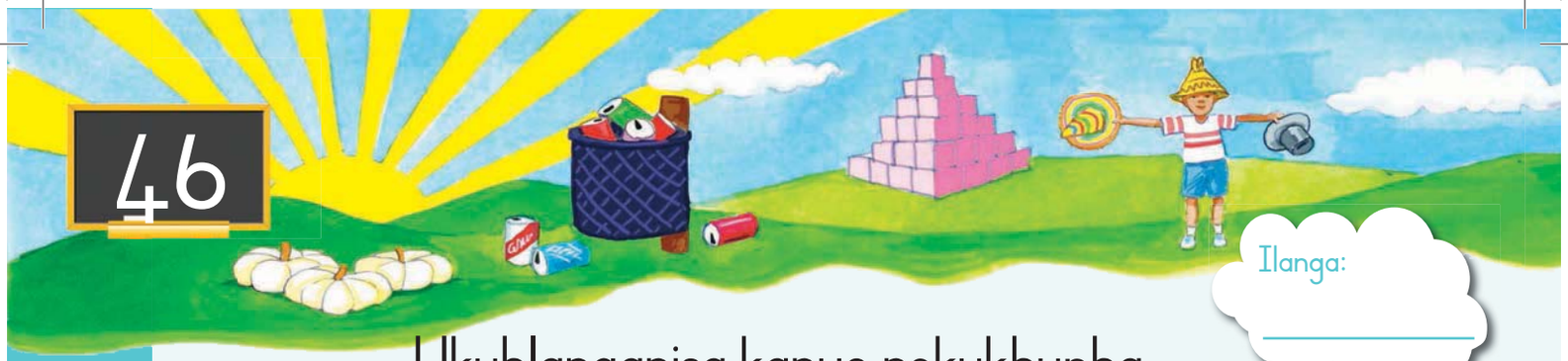
46



Ilanga: _____

Ukuhlanganisa kanye nokukhupha.

Ngikuphi okuyelelako?

200 + 50 + 4 200 + 30 + 5	400 + 80 + 9	489



Siyokusebenzisa iindlela zakaBusi kanye no-Dumi zokubala godu ukuhlanganisa.

a. 245 + 231



Indlela yakaBusi

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



Indlela yaka-Dumi

245 + 231
= 400 + 70 + 6
= 471

b. 278 + 136

c. 265 + 148

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Siyokusebenzisa iindlela zakaBusi kanye no-Aakar zokubala godu ukuhlanganisa.

a. 476 – 324



Indlela yakaBusi

= 400 – 300 + 70 – 20 + 6 – 4

= 100 + 50 + 2

= 152



Indlela yaka-Dumi

476 + 324

= 100 + 50 + 2

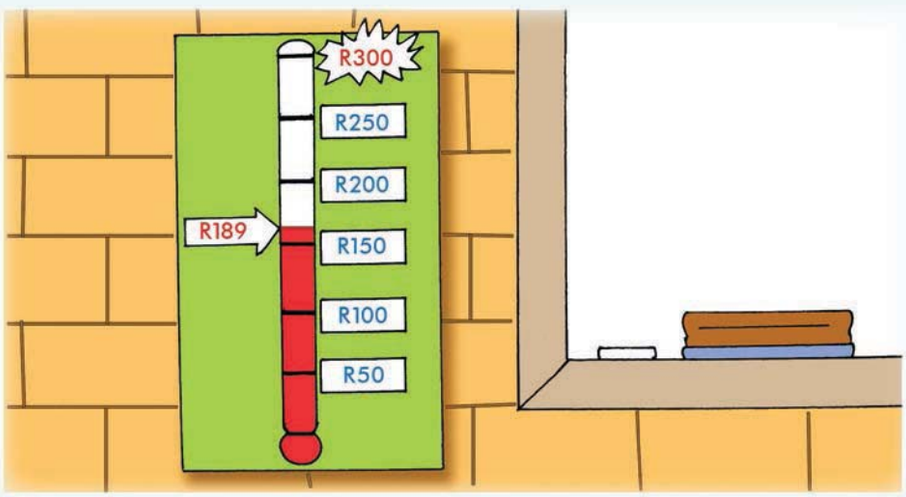
= 152

b. 489 – 456

c. 482 – 161



Funda okunqotjhiweko



Funda isithombe.

Kusele kangangani ukufikelela emnqopheni?

R

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Date:

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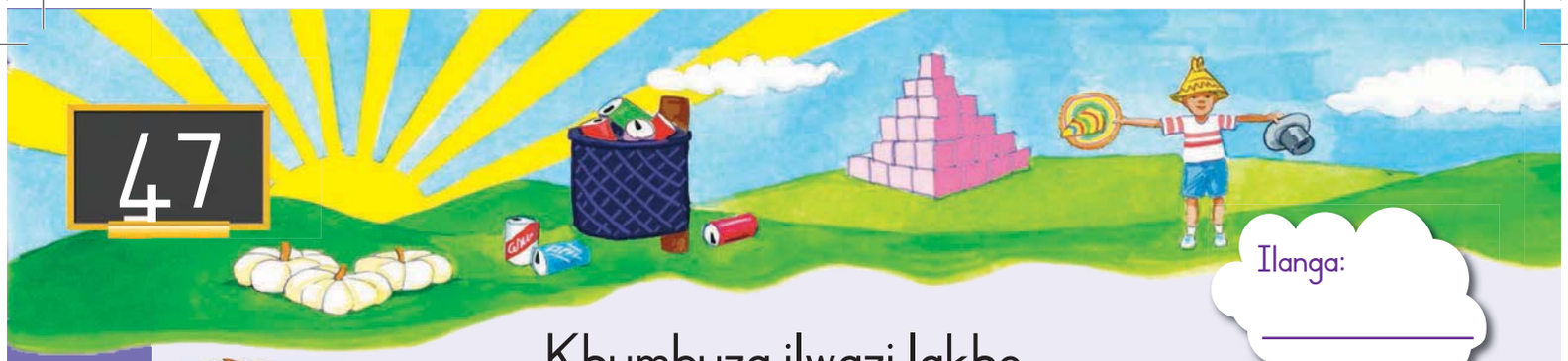

47

Ilanga: _____

Khumbuza ilwazi lakho



Intaba yefihlo

Liyini ibizo lentaba ephezulu khulu eGauteng? Sebenzisa ikhowudi ukuyifumana.
Madanisa ipendulo ngayinye ethebuleni neledere elisekhowudini.

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

Umtlhala weenomboro	Ipendulo	Iledere
Isibonelo: $2 \times 3 \times 3 \times 1 = \square$	18	R
$50 + 50 + 50 + 100 - 200 - 45 = \square$		
$1 + 2 + 7 + 10 + 7 + 1 - 14 = \square$		
$60 - 30 + 50 + 20 - 50 - 15 - 20 = \square$		
$3 + 2 + 7 + 1 + 2 + 1 + 3 = \square$		
$5 + 3 + 30 = 4 + 2 + 12 + \square$		
$100 - 5 - 70 = 20 + \square$		
$36 + 44 - 60 - 22 = \square$		
$10 + 15 = 14 + \square$		
$2 + 1 + 14 + 9 + 14 = 25 + \square$		
$1 \times 2 \times 2 \times 2 \times 2 = \square$		

Ibizo lentaba yi:

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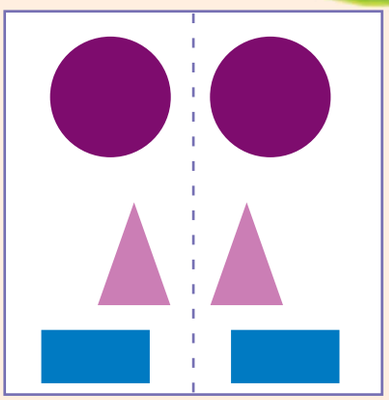
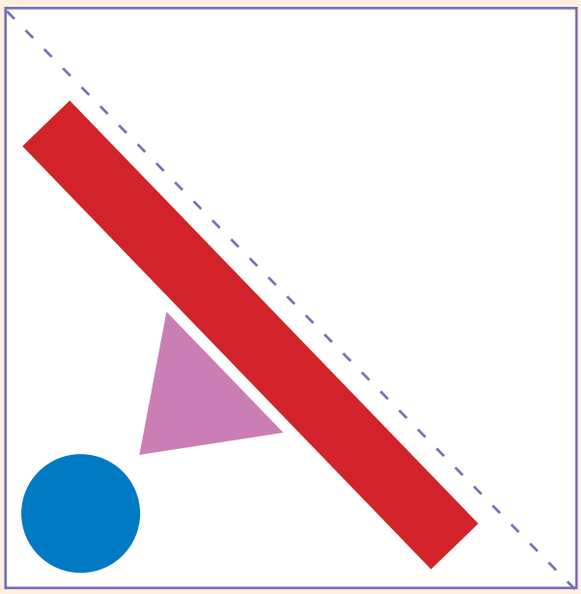
Gwala amajamo ukwenza isithobe silingane nca zoke.

Sewenzelwe isibonelo.

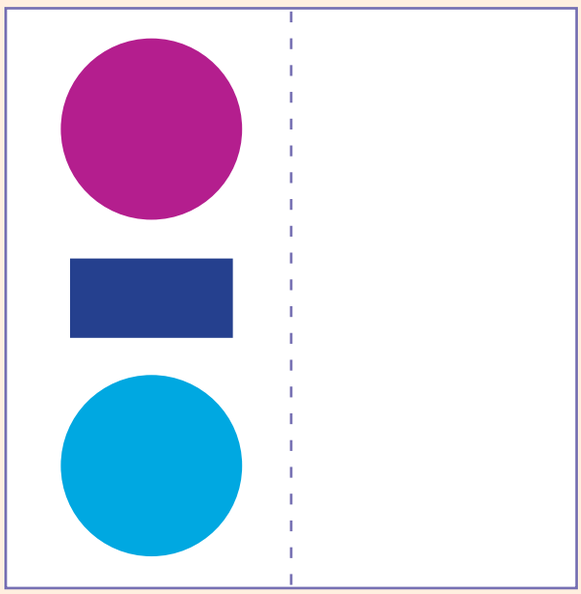
a.



b.



c.





Zenzele wakho umuda olingana nca zoke usebenzisa amajamo.



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Ilanga: _____

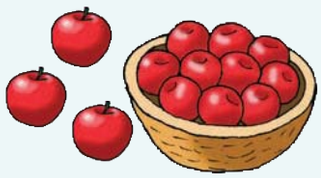
Ukubuyabuyelela kanye nokwehlukanisa (ngakuli -10)



Mimantji emingaki ephethe ama-apula?

Zalisa ithebula.

Bangaki abomantji abafaka ama-apula?



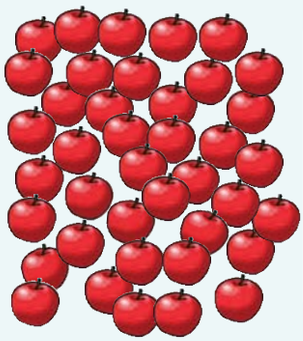
Ama-apula	10	20	30	40	50
Iimantji	1	2			
÷ isibalo					50 ÷ 10 = 5
× isibalo					5 × 10 = 50



Yabela abentwana ama-apula. Yenza umgwalo.

a.









Isibalo sokwehlukanisa.

□ ÷ □ = □

□ × □ = □





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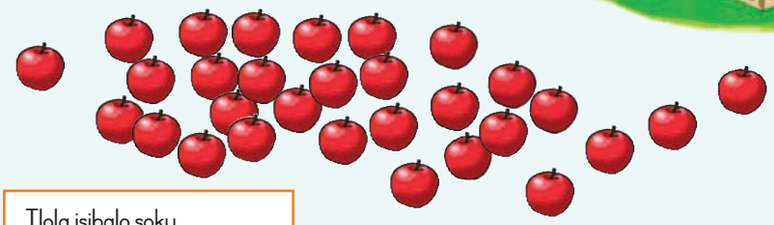
b.





Tlola isibalo soku

÷

Tlola isibalo soku × ukuze ulhole iimpendulo zakho.







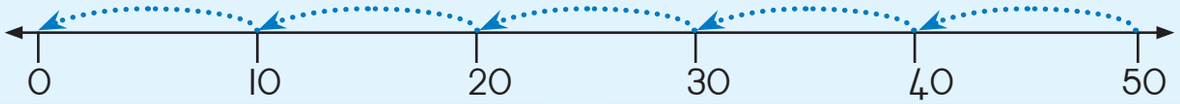
Sebenzisa iinomboro ukuzenzela yakho imitjho yeenomboro.



÷	40 ÷ 10 = 4

×	4 × 10 = 40

a.



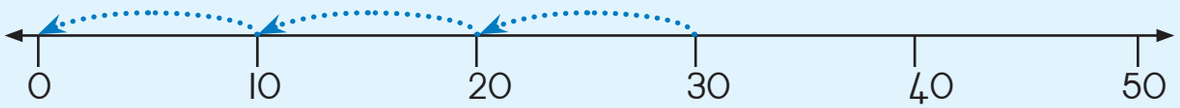
÷		×	

b.



÷		×	

c.



÷		×	



Nikela inomboro eli-10 ubuncani kanye nenomboro eli-10 ubukhulu kunaleyo enikelweko.

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

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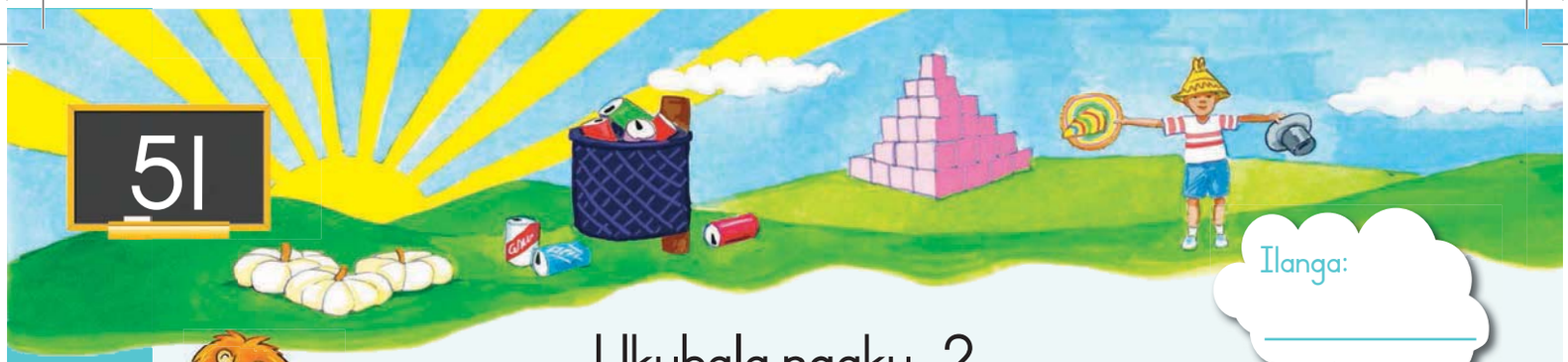

51

Ilanga: _____

Ukubala ngaku-2



Ukubala uye phambili ngaku-2 bewubuyele emuva.

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

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

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

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



Ipara yamadlhavu



a. Ziimpara ezingaki zamadlhavu emudeni munye? _____

b. Mangaki amadlhavu ngalinye emudeni munye? _____

c. Mimida emingaki? _____

d. Madlhavu amangaki nasele awoke? _____

e. Tjengisa kobana uyisebenze bunjani.

f. Tlola ipendulwakho njengomutjho weenomboro.

_____ × _____ = _____



1 2 3 4 5 6 7 8 9 10

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Madlhavu amangaki?

Tlola amatheyibula.

a.

Ipara	10	5	50	4	40	3	30	100
2								

b.

Idlhavu linye	20	21	70	73
Iimpara ezingenziwa				
Amadlhavu angalinye aseleko				



Bala ngaku-2

a. Ngiyiphi inomboro eba hlangana nawubala ngakubili?

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

b. Tlola iinomboro ezimbili ezilandelako.

375, _____	482, _____	264, _____

c. Tlola iinomboro ezimbili ezilandelako.

348, _____	417, _____	299, _____





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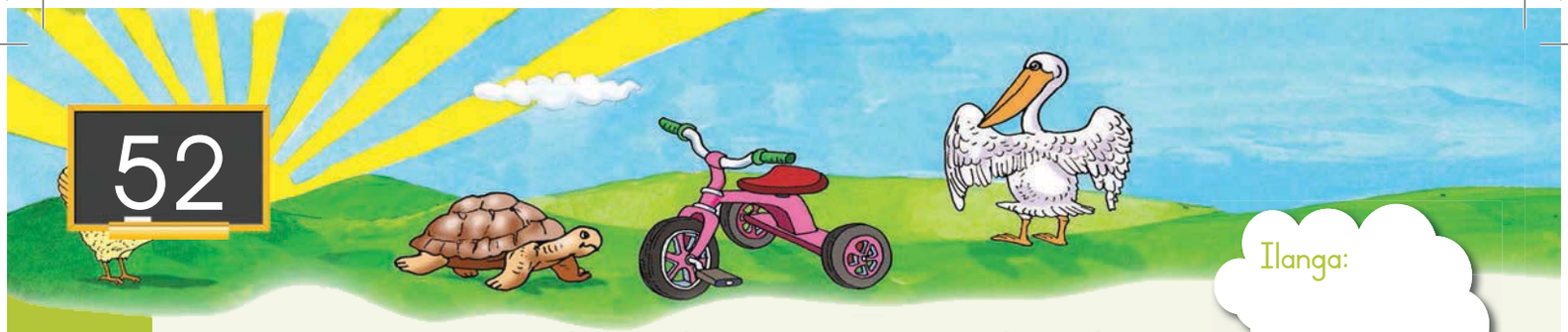


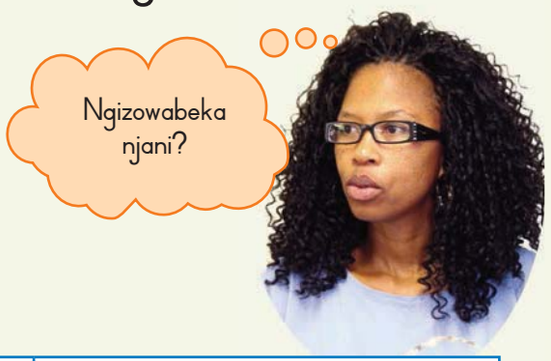
52

Ilanga:

Ukupheyiva ngamathayilesi



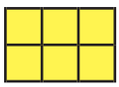
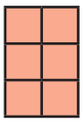
Ukuhlela isivande



UKkz. Mabena unamathayilesi amahle.

Uwasebenzisela ukupheyiva indawo esesivandeni sakhe.

Kunamathayilesi ama-6 asikwere wobukhulu obulinganako.

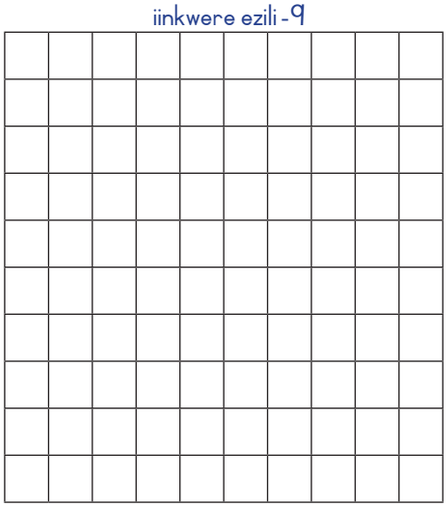
Ngingenza umuda mu-1 ngamathayilesi ama-6.	Ngingenza imida emi-2 ngamathayilesi ama-3 emudeni.	Ngingenza imida emi-3 ngamathayilesi ama-2 emudeni ngamunye.
		
$6 \times 1 = 6$	$3 \times 2 = 6$	$2 \times 3 = 6$

Kwanjesi lidlhego lakho!

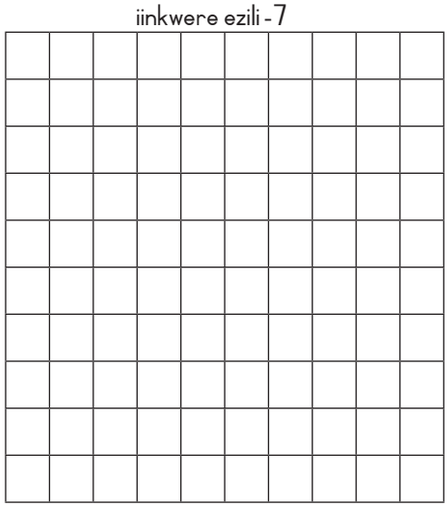
Dweba amabhlogo ukutjengisa kobana ungahlela bunjani amathayilesi ali-7 na-9.

Tlola iinomboro zemitjho emdwebeni ngamunye.

iinkwere ezili-9



iinkwere ezili-7





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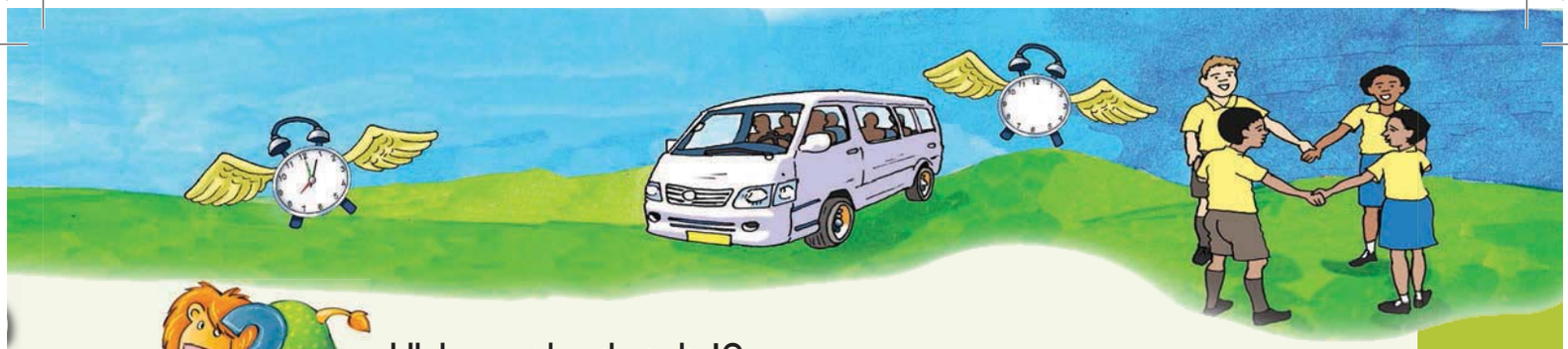

Hlela amathayilesi ali-12

UThabo unamathayilesi ali-12 asikwere ukupheyiva ngaphandle komtlhatlhana abeka kiwo ibhayisigilakhe.

Tlola inomboro yomutjho wendlela ngayinye.

Isibonelo:	$1 \times 12 = 12$ $12 \times 1 = 12$

Hlela amathayilesi ama-24

- Sebenzisa igridi kuSika-5.
- Dweba kizo ukukhavara emabhlogweni ama-24.
- Tlola iinomboro zemitjho ukumadanisa umdwebo ngamunye.

Ngingabuyabuyelela!

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

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53

Ilanga: _____

Ukubala ngaku-5 bewufike kuma-500



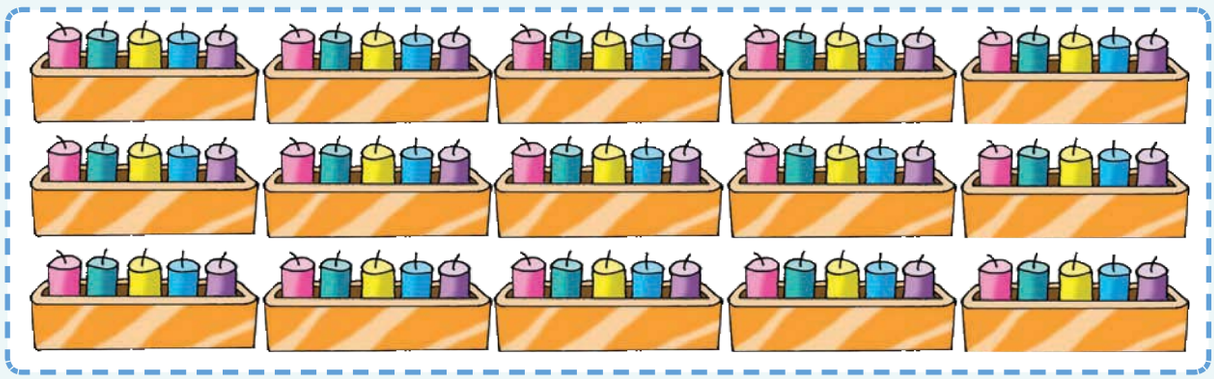
Yazi ku-5 kwakho

Zalisa iimpendulo.

	1	2	3	4	5	6	7	8	9	10
× 5	5									



Bala amakerese



a. Zingaki iinkeresi ngebhoksini ngalinye? _____

b. Mabhoksi amangaki _____

c. Ziingaki iinkeresi ereyini ngayinye _____

d. Ziinkeresi ezingaki nasele zizoke?_____



Tjengisa ipendulo

Tshwaya (✓) inomboro yomutjho etjengisa isibalo esipheleleko samakerese.

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



1 2 3 4 5 6 7 8 9 10

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4 Bala uye phambili nemva ngaku-5

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

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

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

5 Buthelela ama-R5 wesimbi



Abentwana babuthelela ama-R5 wesimbi. Kufanele benze ama-R5 wesimbi amangaki?

R5 ÷ 5= 1 yekhoyini	R10 ÷ 5= 2 yamakhoyini	R15? ____	R20? ____	R25? ____
R30? ____	R35? ____	R40? ____	R45? ____	R50? ____

2 × R5 = R ____

4 × R5 = R ____

6 × R5 = R ____

8 × R5 = R ____



6 Buyabuyelela ngaku-5

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

Cabanga kuhle! Yakha ngamaphuzu owaziko!

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:

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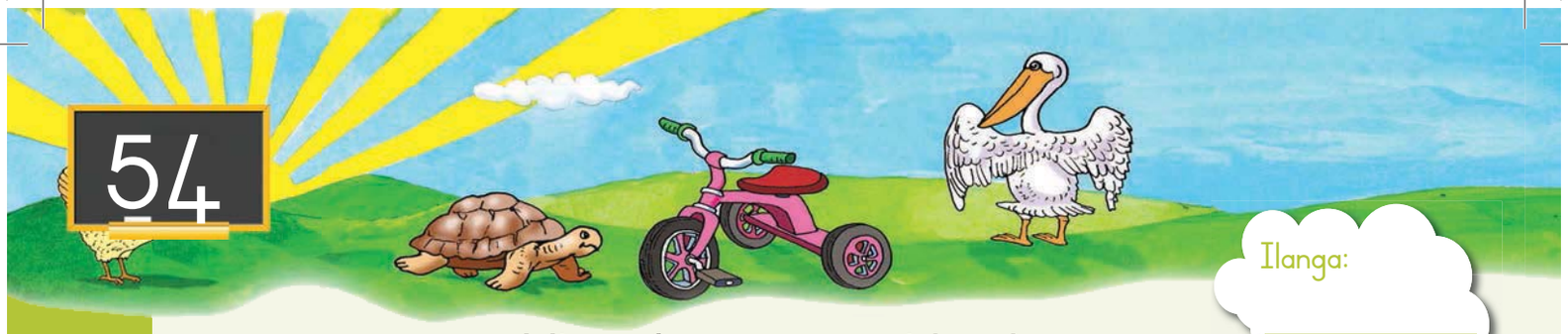


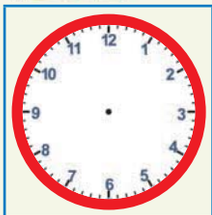
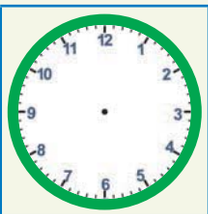
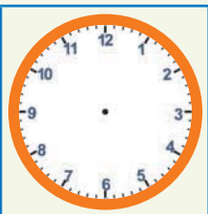
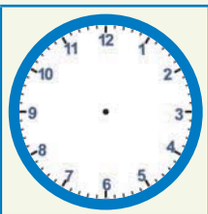
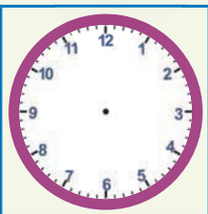
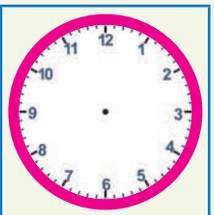
Ilanga: _____

Ukusebenza ngesikhathi



Dweba iinkhathi



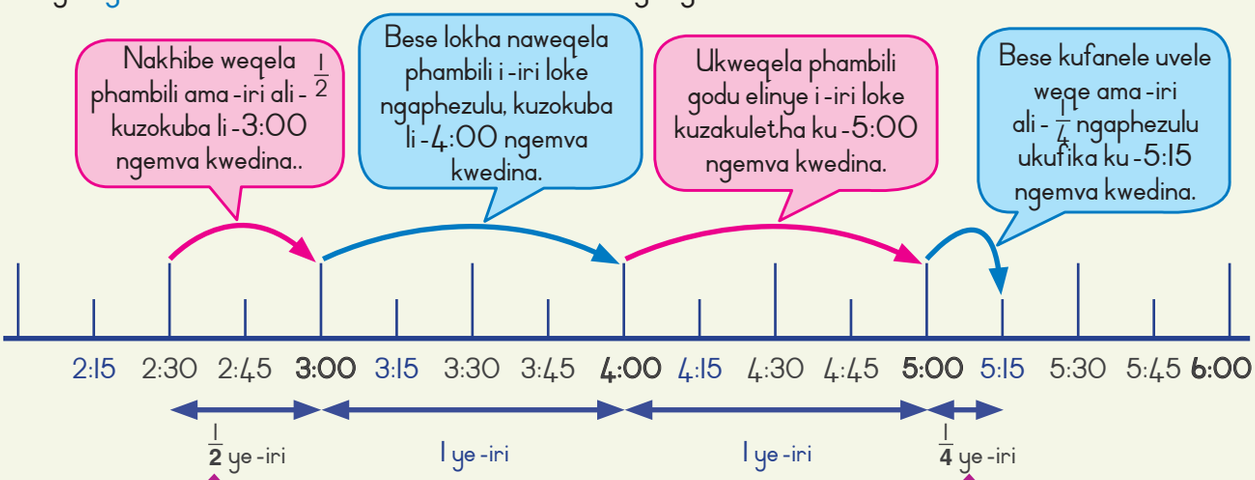
					
Siquntu ngemva kwele -5	Yikotara ngaphambi kwele - tjhumi nalinye	Yikotara ngemva kweletjhumi nambili -12	12:45	6:15	4:30



Umraro wesikhathi

Singasebenzisa umuda wesikhathi ukuyisebenza. Beka umunwakho ku -2:30, isikhathi ekungiso kwanjesi.

Umma kaNomsa usuka ekhaya nge -2:30 ngemva kwedina.
Ubuya nge -5:15 ntambama. Ukhambe isikhathi esingangani?



i -$\frac{1}{2}$ ye -iri nawuyihlanganisa nama -iri amabili azeleko kwenza ama -iri ama $2\frac{1}{2}$.

Godu ne -$\frac{1}{4}$ ye -iri ngaphezulu yenza ama - $2\frac{3}{4}$ ye -iri namakotara amathathu nohafu seka woke.



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Imiraro yesikhathi

Tjhega. Madanisa. Lungisa.

Sombulula umraro ngamunye. Sebenzisa imida yesikhathi ukukusiza.

a. UQueenie uvakatjhela uyise etliniga nge-3:45 ngemva kwedina. Usuka nge-5:15.
Uvaketjhe isikhathi esingangani?

_____



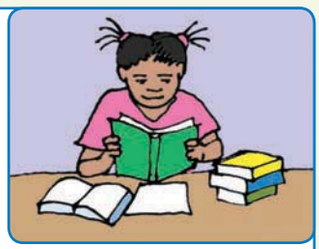
b. UMusa uya ephageni nge-10:45.
Ubuya ekhaya nge-12:30.
Ukhambe isikhathi esingangani?

_____



c. UTumi uthoma ukufunda nge-1:15.
Uqeda nge-2:45.
Ingabe uTumi ufunde isikhathi esingangani?

_____



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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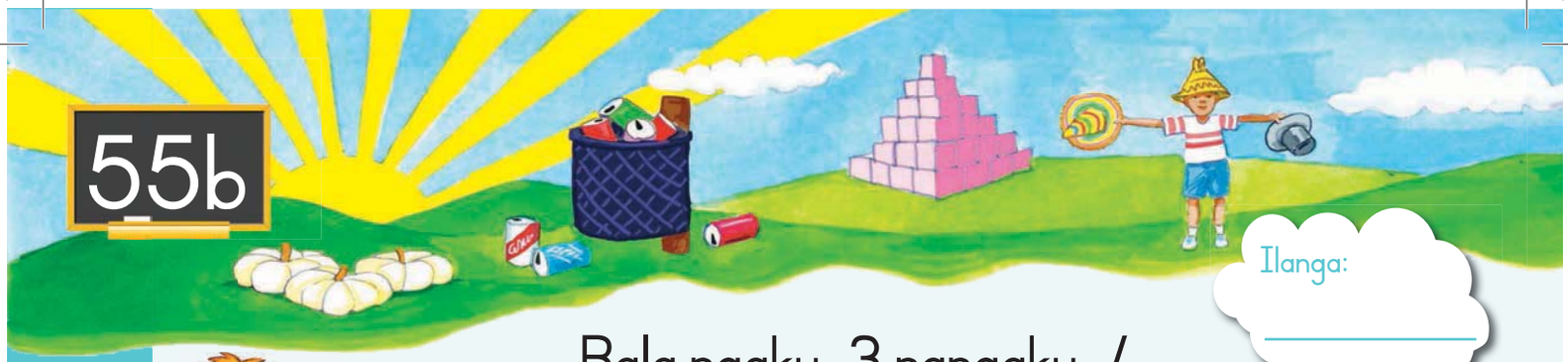

55b

Ilanga: _____

Bala ngaku-3 nangaku-4



Iimpoto ezinemilenze emi-3

Hlanganisa bese utlola ipendulo.



a) Mathebula amangaki emudeni? _____

b) Milenze emingaki emudeni? _____

c) Mimida emingaki yamathebula? _____

d) Milenze emingaki nasele iyoke? Tjengisa kobana uyisebenze bunjani.

Tshwaya (✓) ngiziphi iinomboro zemitjho ezingaphasi ezitjengisa ithothali.

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



Milenze emingaki?

Cabanga masinyana.
Cabanga kuhle.

Ipoto yi-1	3 imilenze	Iimpoto ezili-10	☐ imilenze	Iimpoto ezi-5	☐ imilenze
Iimpoto ezi-2	☐ imilenze	Iimpoto ezili-15	☐ imilenze	Iimpoto ezili-12	☐ imilenze
Iimpoto ezi-5	☐ imilenze	Iimpoto ezili-13	☐ imilenze	Iimpoto ezili-14	☐ imilenze



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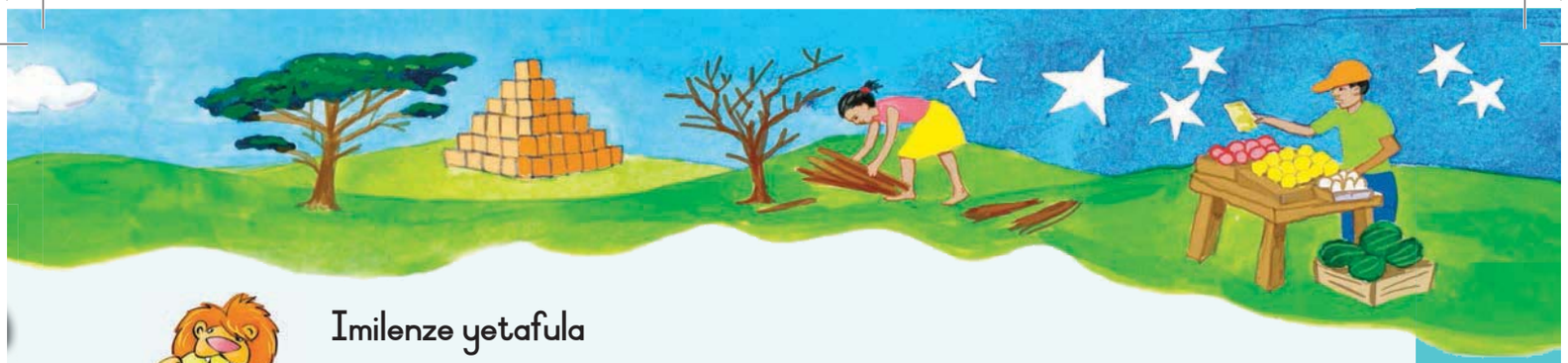
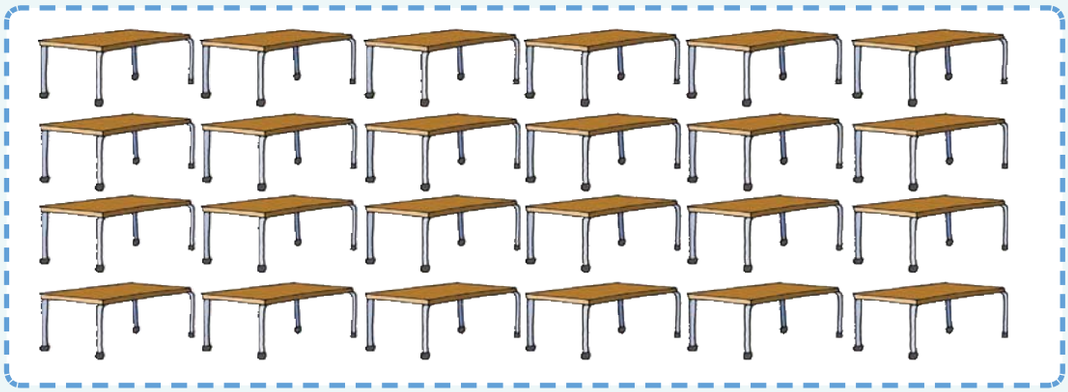


Imilenze yetafula



a. Matafula amangaki emudeni? _____

b. Milenze emingaki emudeni? _____

c. Mimida emingaki yamatafula? _____

d. Imilenze mingaki nasele iyoke? Tjengisa kobana uyisebenze bunjani.

Efemini



Umbazi wenza amatafula. Uthoma ngokwenza imilenze.

Bekube nje sele enze ama-97.

Angenza amatafula amangaki?

Ingabe usatlhoga imilenze emingaki ukwenza enye itafula?

Qedelela igridi ngokuzalisa iimpendulo

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

Teacher:
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Date:

11 12 13 14 15 16 17 18 19 20

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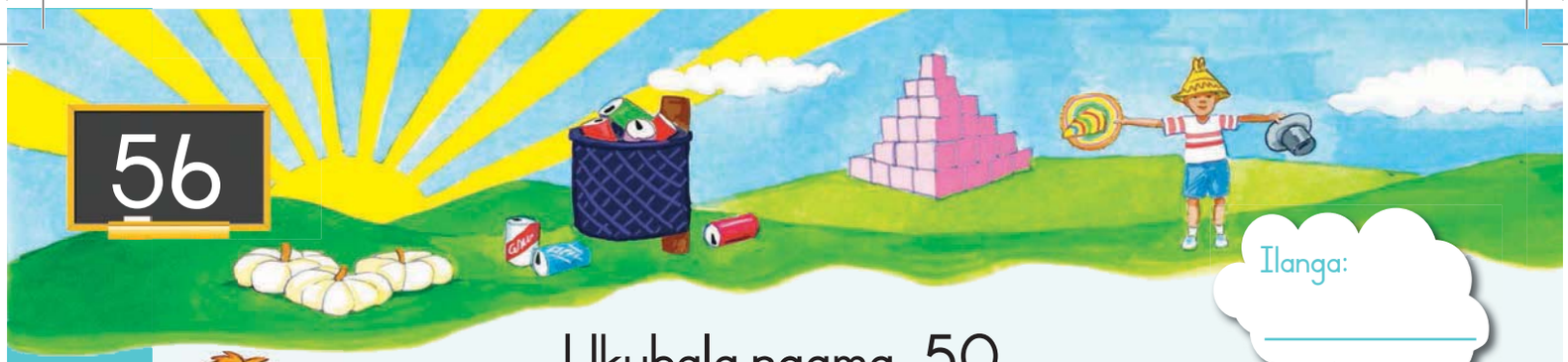

56

Ilanga: _____

Ukubala ngama -50



Umntwana munye, ingubo yinye!

Bangaki abentwana? Linganisa, bese uyabala.









Boke abentwana abasesithombeni bafumana iingubo.
Bangaki abentwana abalapho? _____

Linganisa	Bala	Madanisa

Bungaki ubuso obuthabileko ☺ babesana? ____
Bungaki ubuso obuthabileko ☺ babentazana? ____



1 2 3 4 5 6 7 8 9 10

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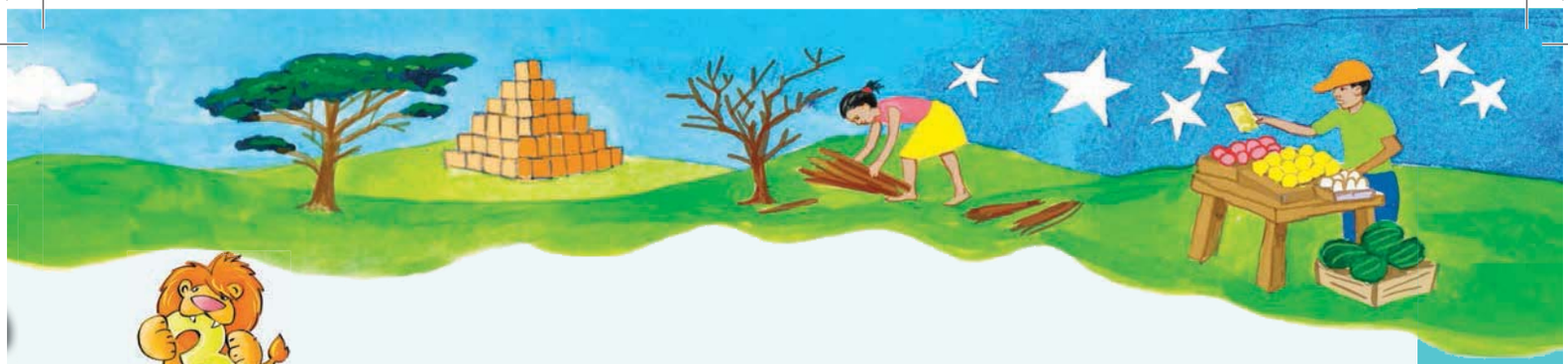
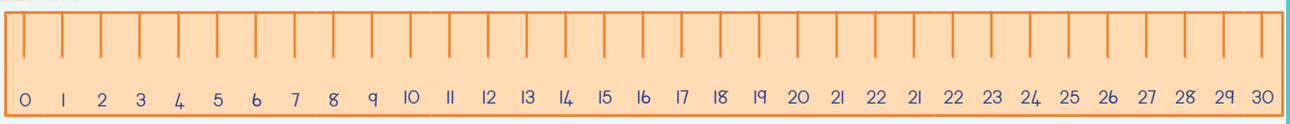




- Tjengisa ihafu eruleni. Lokhu kulingana nama -cm _____.
- Tjengisa ingcenye eyodwa yokusithathu yerula. Lokhu kulingana nama -cm ___
- Tjengisa ingcenye eyodwa yokusithandathu yerula. Lokhu kulingana nama -cm ___



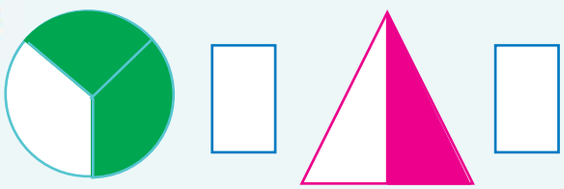
Qala umtletlana wamacezu. Qedelela imitjho.

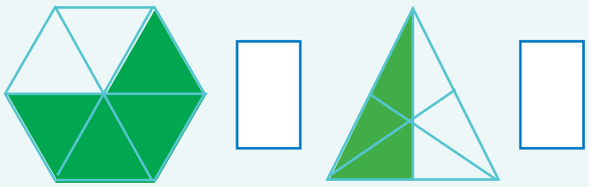
Oku -1 okuphelelekо					
$\frac{1}{2}$			$\frac{1}{2}$		
$\frac{1}{3}$		$\frac{1}{3}$		$\frac{1}{3}$	
$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$

- Kunamahafu ama -___ kokuphelelekо okukodwa.
- Kunokukodwa kokwesithathu oku -___ kokuphelelekо okukodwa.
- Kunokukodwa kokwesithandathu oku -___ kokuphelelekо okukodwa.
- Kunokukodwa kokwesithandathu oku -___ kuhafu eyodwa.
- Kunokukodwa kokwesithandathu oku -___ kokukodwa kwesithathu.



Tlola icezu lengcenye efiphaziweko.





Ndulungela ingcenye ekulu yecezu.

$\frac{1}{2}$ $\frac{1}{3}$

$\frac{1}{2}$ $\frac{1}{6}$

$\frac{1}{2}$ $\frac{2}{6}$



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20

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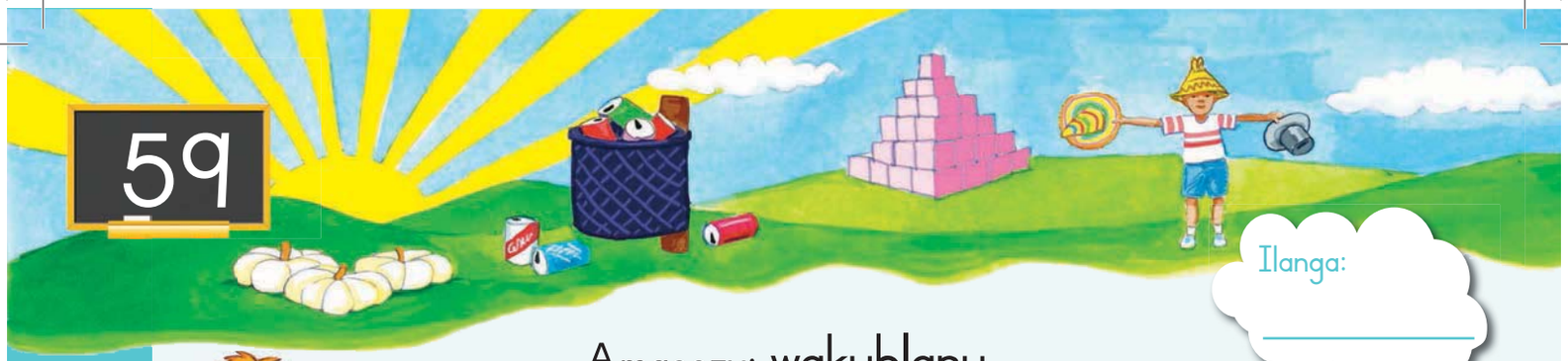


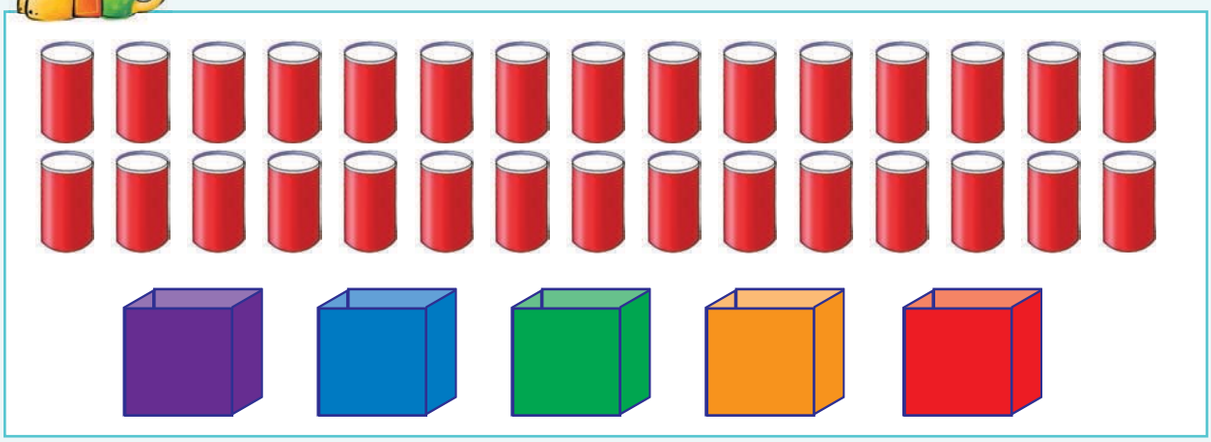
59

Ilanga: _____

Amacezu: wakuhlanu



Yehlukanisa ufake amakotikoti ngemabhoksini.



- Ngengcenyeni eyi - $\frac{1}{5}$ yebhoksi, kunamakotikoti asi - 6
- Ngengcenyeni eyi - $\frac{2}{5}$ yebhoksi, kunamakotikoti asi - ☐
- Ngengcenyeni eyi - $\frac{3}{5}$ yebhoksi, kunamakotikoti asi - ☐
- Ngengcenyeni eyi - $\frac{4}{5}$ yebhoksi, kunamakotikoti asi - ☐
- Ngengcenyeni eyi - $\frac{5}{5}$ yebhoksi, kunamakotikoti asi - ☐



Qala isithombe bese uphendula imibuzo.

Mangaki amatjhokoledi ngebhoksini? ☐



- i - $\frac{1}{5}$ yetjhokoledi ilingana na - ☐
- i - $\frac{2}{5}$ yetjhokoledi ilingana na - ☐
- i - $\frac{3}{5}$ yetjhokoledi ilingana na - ☐
- i - $\frac{4}{5}$ yetjhokoledi ilingana na - ☐
- i - $\frac{5}{5}$ yetjhokoledi ilingana na - ☐
- Ngelanga elilodwa ngidla i - $\frac{1}{5}$ yamatjhokolede. Kusele amatjhokoledi angangani? ☐
- Ngelanga elilandelako ngidla i - $\frac{1}{5}$ yetjhokolede. Kusele itjhokoledi engangani? ☐



1 2 3 4 5 6 7 8 9 10

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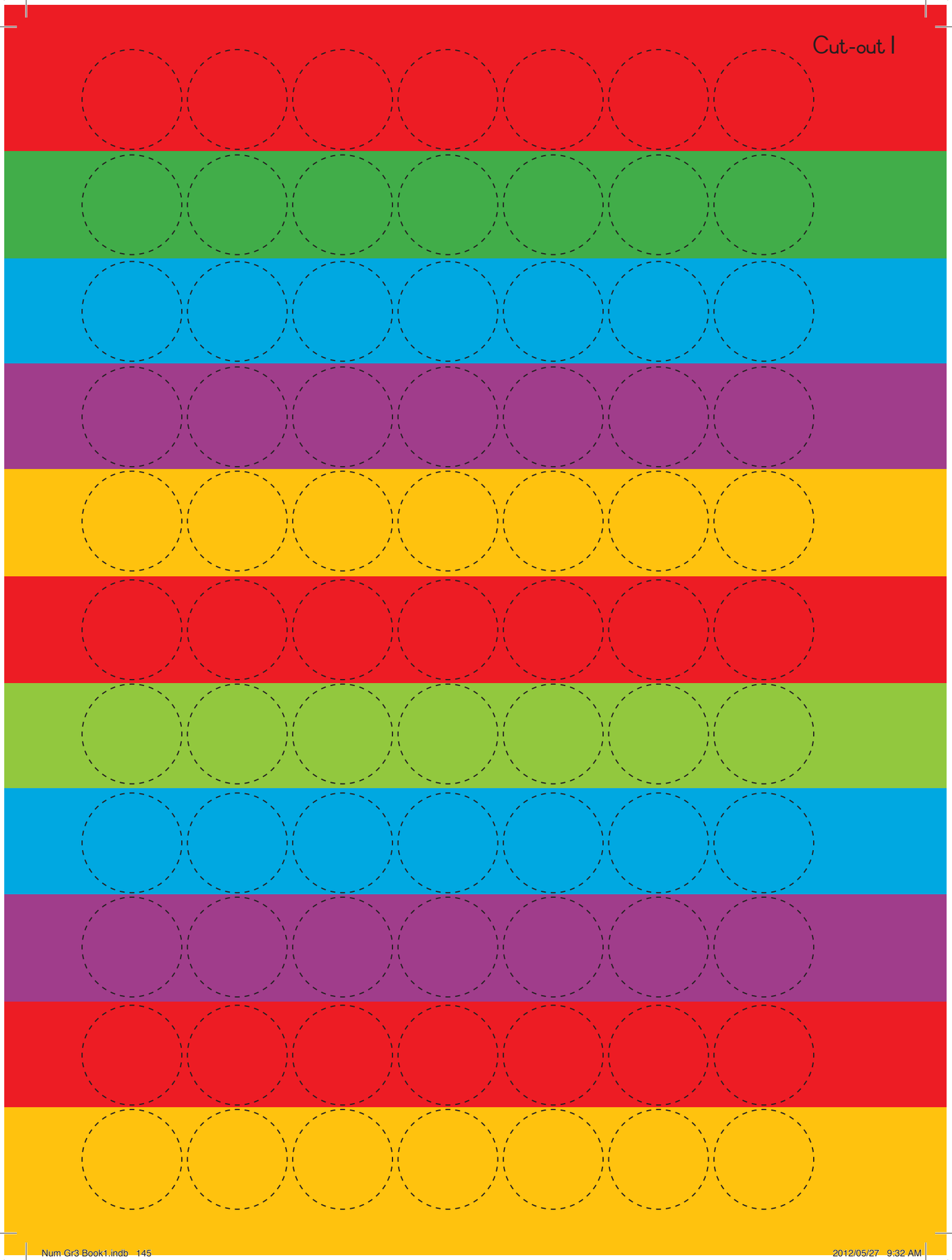
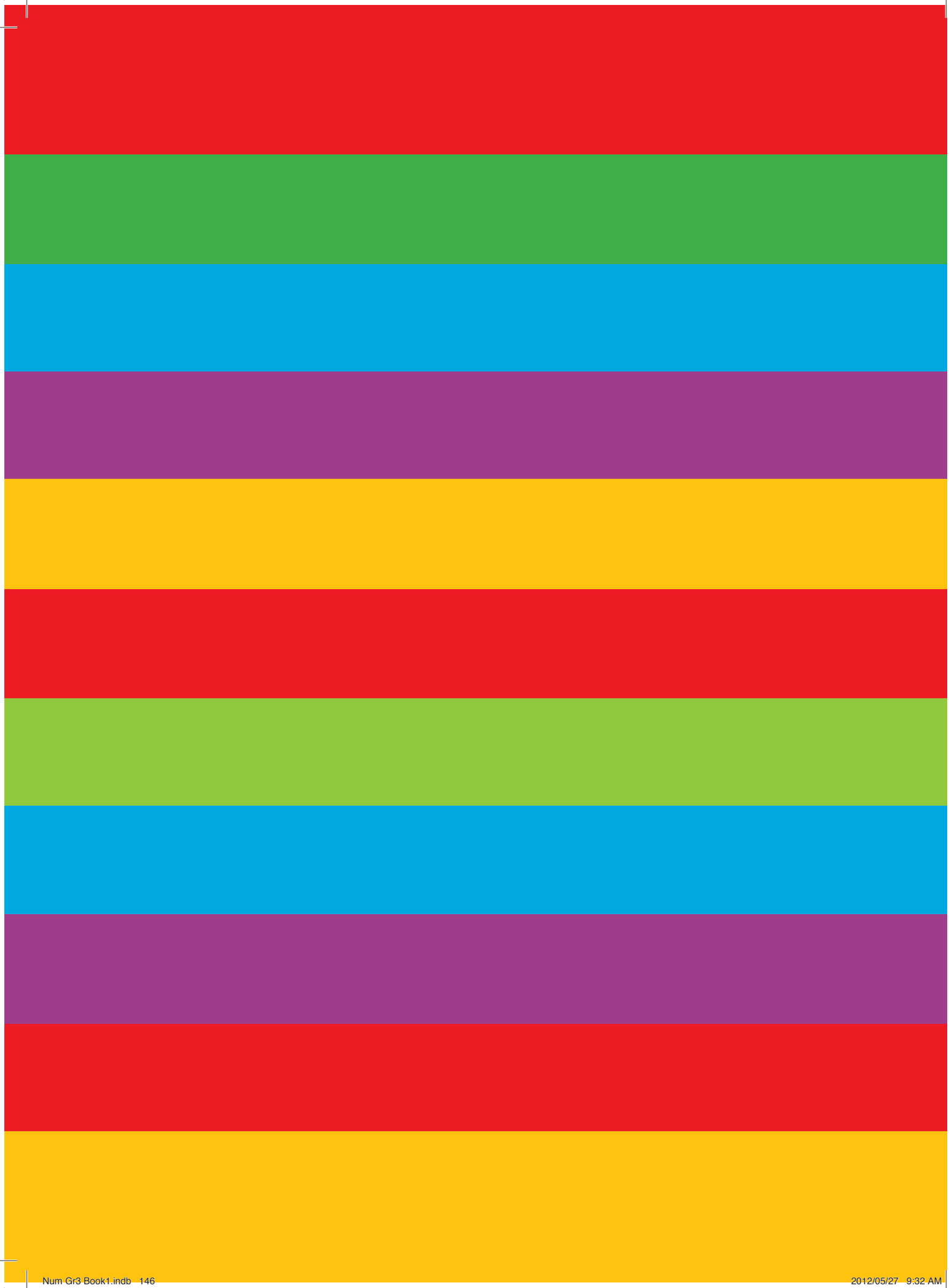

Cut-out 1



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21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
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201	202	203	204	205	206	207	208	209	210