

MATHEMATICS IN ISIZULU

GRADE 3 – BOOK 1
TERMS 1 & 2

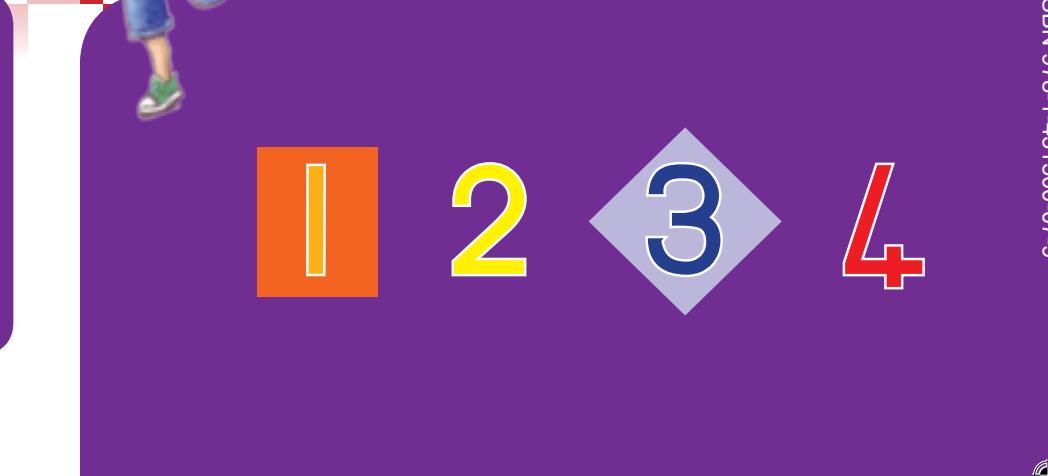
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IZIBALO NGESIZULU – IBanga lesi-3 Incwadi yoku-1

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basic education
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Basic Education
REPUBLIC OF SOUTH AFRICA

Igama:	Iklasi:
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IZIBALO NGESIZULU
Incwadi yoku-1
Ithemu 1 & 2

Ukufunda ngomthethosisekelo waseNingizimu Afrika (1996)
Umhethosisekelo waseNingizimu Afrika (1996) uqukethe imithetho ephakeme kunayo yonke yezwe. Le mithetho ingaphezulu kukaMongameli, ingaphezulu kwezinkantolo futhi ingaphezulu kukaHulumeni.
Uchaza indlela okufanele abantu baphathane ngayo ezweni labo, nokuthi ayini amalungelo abo nemisebenzi yabo komunye nomunye. Umthethosisekelo wezwe wenzelwe ukuthi usivikele thina sonke kanye nekusasa lezingane zethu.

Masiyazi imvelaphi yethu. **Masingawaphindi amaphutha enzeka enkathini eyedlule.** **Umhethosisekelo uyasisiza ukuba sibe nesithombe futhi sakhe ikusasa elingcono lethu sonke.**

Thina, Bantu baseNingizimu Afrika –
Siyakukhumbula ukucekelwa phansi kwamalungelo okwenzenka eminyakeni eyadlu; Sibungaza labo abahluphekela ubulungiswa nenkululeko kulo mhlaba wethu; Sihlonipha labo abasebenzele ukwakha nokuthuthukisa izwe lethu; Futhi sikholelwu ekuthini iNingizimu Afrika ingeyabo bonke abahlala kuyo, sibumbene nakuba singefani.
Ngakho-ke, ngabameleli bethu esibakhetho ngokukhululeka, samukela lo Mthethosisekelo njengomthetho-ngqangi wezwe lethu, ukuze—
Silungise ukwehlukana kwsikhathi esedlule bese sakha umphakathi owesekelwe yinkolelo yenqubo yentando yeningi, ubulungiswa emphakathini, kanye namalungelo obuntu;
Sibeke isesekelo sokwakha umphakathi oqhuba ngendlela yentando yeningi; futhi ovulekile, lapho uHulumeni akhelwe khona phezu kwentando yabantu futhi lapho zonke izakhamuzi zivikelwe ngumthetho ngendlela efanayo;
Sithuthukise izinga lokuphila lazo zonke izakhamuzi futhi sikhulule amakhono omuntu ngamunye; futhi—
Sakhe iNingizimu Afrika ebumbene futhi eqhuba ngenqubo yentando yeningi ekwazi ukuthatha indawo yayo efanele njengezwe elizimele emazweni ngamazwe.

Yazisa ilungelo lakho njengesakhamuzi saseNingizimu Afrika uzimisele ukuvikela amalungelo abanye. **Yazi Umqulu wamalunge kanye Nomqulu wezinto ezidinga ukwenziwa.**

Sengathi uNkulunkulu angabavikela abantu bakithi.
Nkosi Sikelel' iAfrika. Morena boloka setjhaba sa heso.
God seën Suid-Afrika. God bless South Africa.
Mudzimu fhatutshedza Afurika. Hosi katekisa Afrika.

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UNkk Angie Motshekga,
uNgqongqoshe weMfundu
eyiSesekelo



UMnu Enver Suryt, iSekela
loMnyango weMfundu
eyiSesekelo

Lezi zincwadi zokusebenzela zenzelwe abantwana baseNingizimu Afrika ngaphansi kwesandla sikaNgqongqoshe weMfundu eyiSesekelo. uNkk Angie Motshekga, neSekela likaNgqongqoshe weMfundu eyiSesekelo, uMnu Enver Suryt.

Lezi zincwadi ezibizwa ngeRainbow Workbooks ziyingxene ye yoMnyango weMfundu eyiSesekelo lapho uMnyango uzama khona ukungelela ukuze kuthuthukiswe imfundu yabantwana bamabanga asuka kwelokupala kuya kwelesithupha eNingizimu Afrika. UMnyango weZimali uxhase lo mkhankaso kaHulumeni njengento yokugala uHulumeni azibekel yona ukuthi ayisukumele. Uxhaso loMnyango weZimali lusize uMnyango wezeMfundu ukuthi ukwazi ukukhiquiza uphinde usabalalise ngaphandle kwenkokhelo lezi zincwadi zokusebenzela ngazo zonke izilimi zaseNingizimu Afrika ezisemthethweni.

Sinethemba lokuthi othisha bazozithanda basebenze kangcono ngazo lezi zincwadi ekufundiseni kwabo kwansuku zonke, baphinde bathole futhi isiqiniseko sokuthi abafundi babo bafundiswa konke abamelwe ukufundiswa khona njengoba kuvela kusilabhasi yabo. Sizamile ukuqiniseka ukuthi sifaka izithonjana (ama-icon) emisebenzini yokwenziwa ukuze uthisha akuthole kulula ukuyilandela nokuqonda ukuthi umfundi yini alindeleke ukuyenza.

Sinethemba futhi lokuthi abantwana uqobo lwabo bazokujabulela ukusebenzisa lezi zincwadi ekukhuleni kwabo bakhule nolwazi eziluqukethe, bese kuthi wena njengothisha wabo uthokoze kanye nabo ekugcineni.

Sifisela wena nomfundu omfundisayo impumelelo ngenkathi usebenzisa lezi zincwadi.



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Author team: Smith, P., Blom, L. Aitchison, J.J.W.

Ibanga lesi-3



i z i b a i o

NGESIZULU

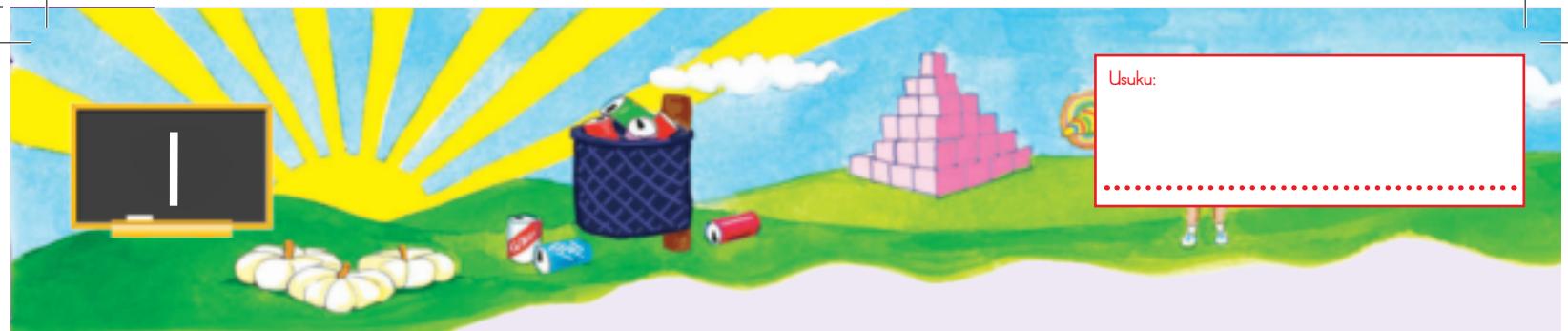
Le ncwadi ngeka-:



ISIZULU

Incwadi
yoku-

I



Usuku:



Bala, uhlele bese ukhombisa

Zingaki izinkanyezi?

Qhathanisani izimpendulo



Linganisela ukuthi zingaki izinkanyezi. _____

Manje zibale. _____



Thola ophumelele.

Ngubani olinganisele kangcono?

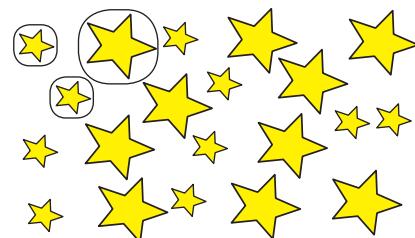
Gcwalisa amagama nezimpendulo zakho kuleli thebhula.

Igama lakho				
Linganisela				
Inani elitholakele kokubaliwe				
Umahluko phakathi kokulinganiselwe nokubalile				

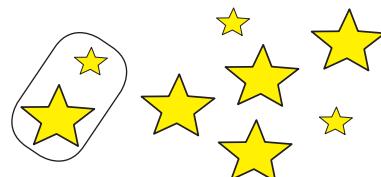


Ngibale
ngakunye.

Izindlela zokubala. Masisizane sizibhale phansi:



1, 2, 3, _____



Ngibale
ngakubili.



Ngibale
ngakuhlanu.



5, _____



Ngibale
ngamashumi.



Bhala imisho yezinombolo

Bala inani lezinkanyezi ezinkulu nezincane esithombeni esisekhasini lesi -2. Zibhale ngezindlela ezimbili.

Uma uhlanganisa izinombolo
ezimbili akunandaba ukuthi
zilandelana kanjani.

Ezikulu

Ezincane

Kanje

noma

kanje



$$+ \star = \underline{\hspace{2cm}}$$



$$+ \star = \underline{\hspace{2cm}}$$

Kanye nangomusho wezinombolo.

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \quad noma \quad \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

2

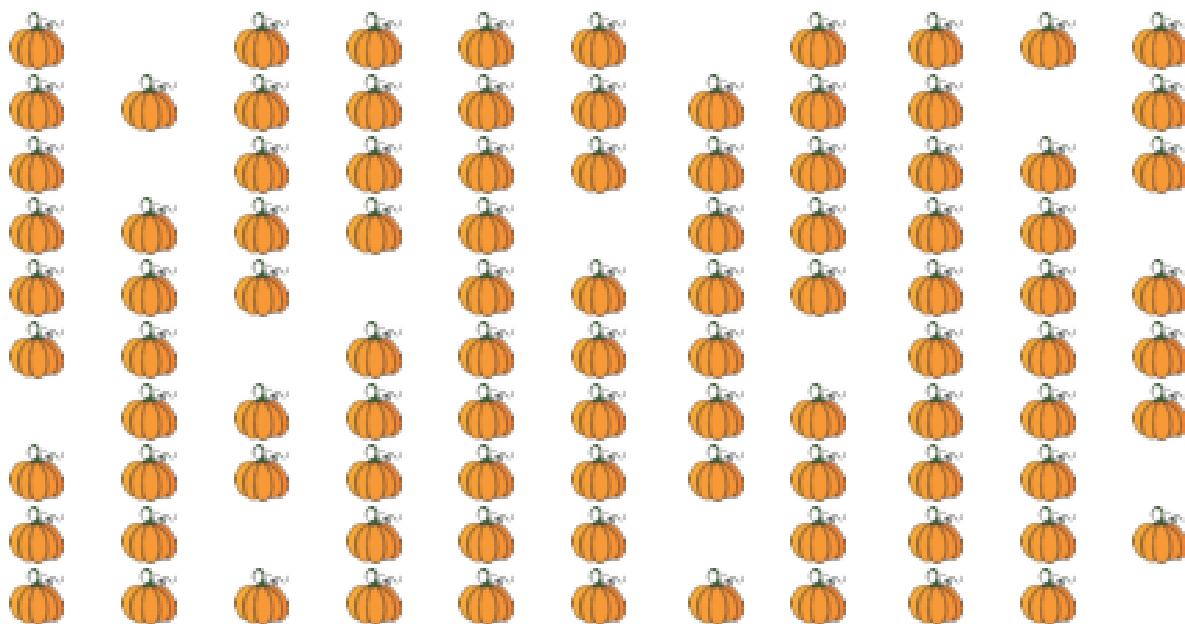
Usuku:

Ithemu |



Bala ngokuhlakanipha

Ukubala amathanga
Thola indlela elula yokuwabala.



Impendulo: _____



Ukufaka ndawonye amathanga

Ayishumi amathanga alingana esakeni eliodwa.



Zingaki izikhwama ozigcwali se ngamathanga? _____

Mangaki amathanga asele? _____

Mangaki amathanga adingekayo ukuze kugcwale elinye isaka? _____



Kusukela koku- + kuya koku- × (Ukuhlanganisa okuholela ekuphindaphinden)

Qedela umusho wezinombolo

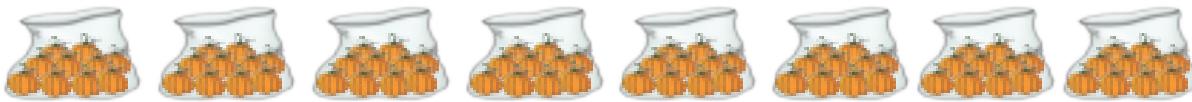
Isibonelo:

$$10 + 10 + 10 + 10 = 40 \Rightarrow \text{amaqoqo ama-} 4 \text{ ezinto ezi-} 10 = 40 \Rightarrow 4 \times 10 = 40$$



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

$$\underline{\hspace{2cm}} \text{amaqoqo okuyi-} 10 = \underline{\hspace{2cm}} \Rightarrow \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

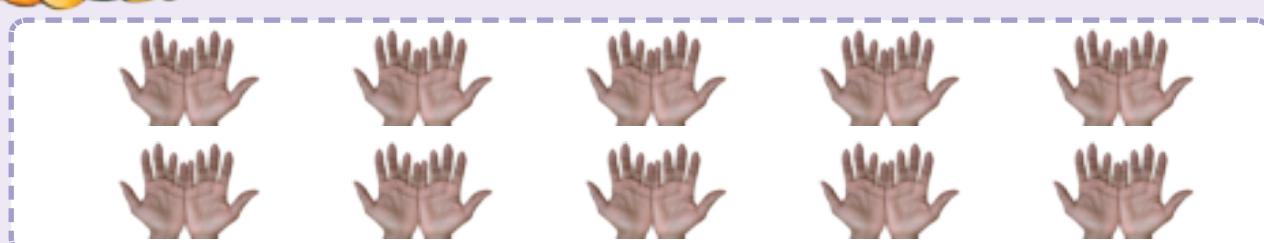


b. $10 + 10 + 10 + 10 + 10 + 10 + 10 = \underline{\hspace{2cm}}$

$$\underline{\hspace{2cm}} \text{amaqoqo okuyi-} 10 = \underline{\hspace{2cm}} \Rightarrow \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



Izandla neminwe



Zingaki izandla?

Mingaki iminwe?

Bhala impendulo ngezindlela ezimbili.

$$\underline{\hspace{2cm}} \text{amaqoqo okuyi-} 10 = \underline{\hspace{2cm}} \text{ kanye } \underline{\hspace{2cm}} \times 10 = \underline{\hspace{2cm}}$$



Teacher: Sign:
Date:

3a

Usuku:

Ithemu |



Izinombolo kugridi

Ukukhuluma ngezinombolo

Bala usho zonke izinombolo kusukela kweyoku-l kuya kweye -100.
Khomba ngesikhathi uqhubeka.

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



- Bhala inombolo engekho ebhokisini ngalinye eliluhlaza.
- Bhala ezinye izinombolo.
- Lezi eziphuzi ziluhlobo luni lwezinombolo?



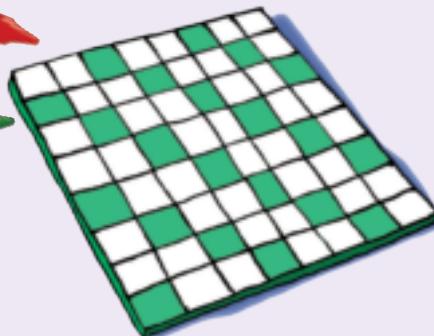
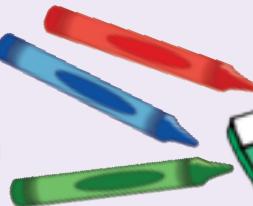
Bhala izinombolo ngamagama.

90	amashumi ayisishiyagalolunye	41	
77		56	
14		65	



Ukubala nokufaka umbala

Zilungiselele ukubala imibala!



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

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

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

Bala bese ufaka umbala
okungama -10.

Bala bese ufaka umbala
okungakuhanu kusukele
e-O uye e-100.

Bala bese ufaka umbala
o-2.

Bala ngamashumi usuke
e-10 uye e-100.

Bala ngakuhlanu usuka
koku-5 kuya e-100.

Bala ngakubili usuka
koku-2 kuya e-100.

Bhala ama -10 usuke e-10
uye e-100.

Bhala oku -5 usuke koku -
5 uye ema -80.

Bhala oku -2 usuke
koku-2 uye e-100.



11 12 13 14 15 16 17 18 19 20

3b

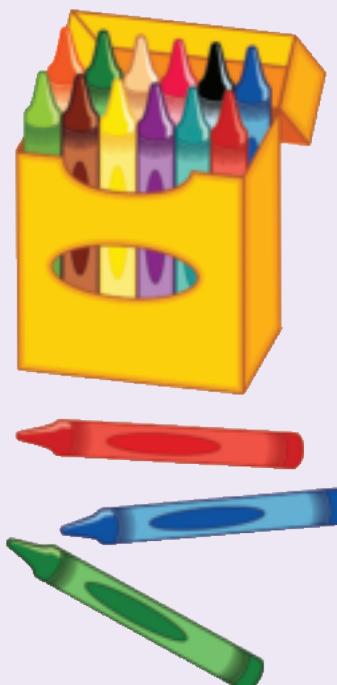
Usuku:

Izinombolo kugridi (kuyaqhutshwa)



Funa amaphethini. Sebenzisa imibala eyahlukene ukukhombisa amaphethini ehlukene.

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



Faka uphawu (✓)
ezinombolweni ezibala
nge-10.

Beka isiphambano (✗)
ezinombolweni ezibala
ngaku-5.

Kokelezela (○)
ezinombolweni ezibala
ngaku-2.

Bhala izinombolo ezibala ngaku-2 nangaku-5.



Ukubala ngamaphethini

Faka izinombolo ezingekho.

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



11 12 13 14 15 16 17 18 19 20

4



Usuku:

Ithemu |



Khombisa izinombolo

Sika amakhadi ezinombolo kokusikwayo koku-l.
Sebenzisa amakhadi owasikile ukwakha lezi zinombolo.

1q

43

6q

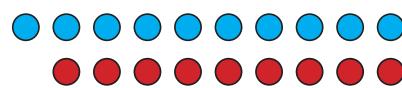
54

35

10 q



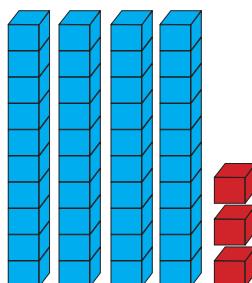
1q



10 q

$$10 + q = 1q$$

43



10
10
10
10
3

$$40 + 3 = 43$$

Zenzele wena lezi zinombolo usebenzise okusikwayo koku-l.

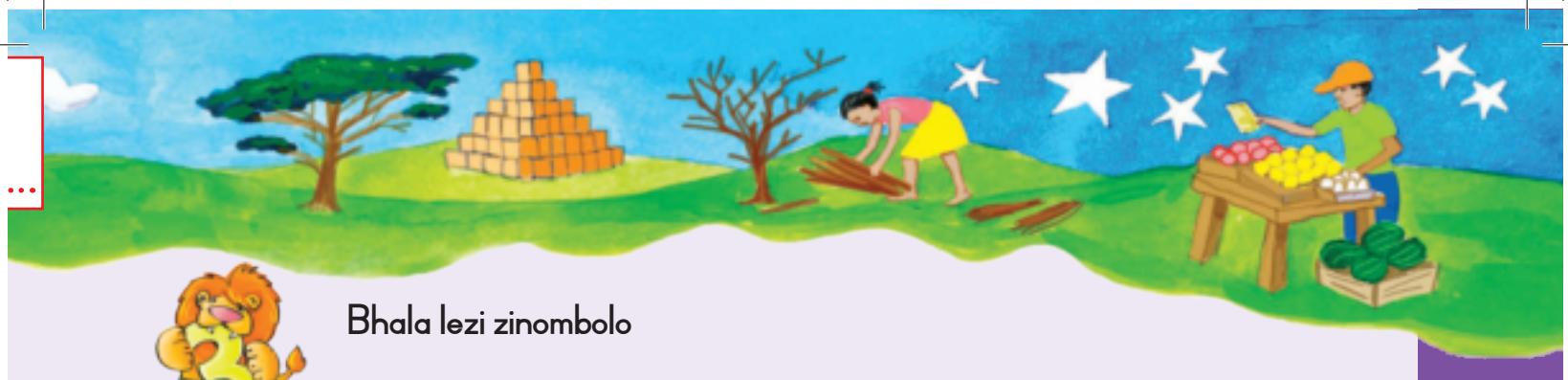
54

35

6q

10

1 2 3 4 5 6 7 8 9 10



Bhala lezi zinombolo

Sikwenzele okokuqala.

Iq	$10 + q$	Ishumi eli - I + imivo eji - q	yishumi nesishiyagalolunye
43			
69			
54			
35			
21			
73			
44			
32			
89			
17			
95			
56			
68			
67			



Bhala izinombolo kwezisethebhuleni elingenhla zilandelane zisukele
kwencane kunazo zonke ziye kwenkulu kunazo zonke.

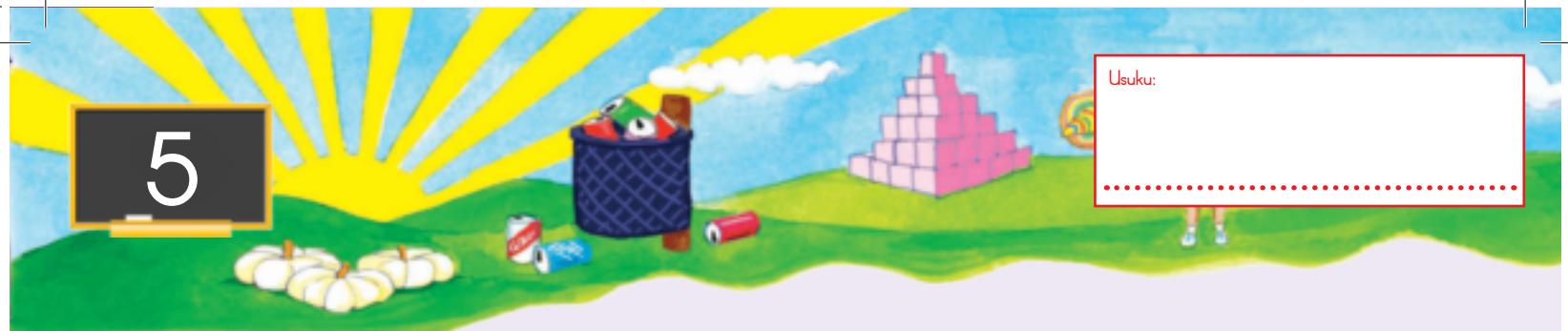
_____;	_____;	_____;	_____;	_____;
--------	--------	--------	--------	--------



Teacher:
Sign:

Date:

5

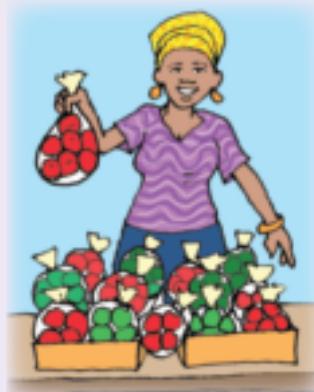


Ukuhlanganisa nokususa



Isitodlwana sikaLinda

Ekuseni uLinda unamaphakethe ayi-19 ama-aphula.
Emini usele namaphakethe ayi-13.



a. ULinda ngabe uthengise amaphakethe amangaki? _____

b. Bhala impendulo ibe wumusho wezinombolo.

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

Bhala eminye imisho yezinombolo emihlanu ukukhombisa impendulo efanayo.

$$15 - 9 = 6 \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad}$$



Ukuzejwayeza izinombolo

Bhala izimpendulo.

$$1 + 2 = 3$$



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



Iminden'i yezinombolo

Nazi izibonelo (zeminden'i yezinombolo).

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



Ungayithola yonke iminden'i enombolweni 14.

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



Ngizokwenza
okufanayo nge-12.

12

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



11 12 13 14 15 16 17 18 19 20

6



Usuku:

Ithemu |

Okuphindwe kibili nawohhafu

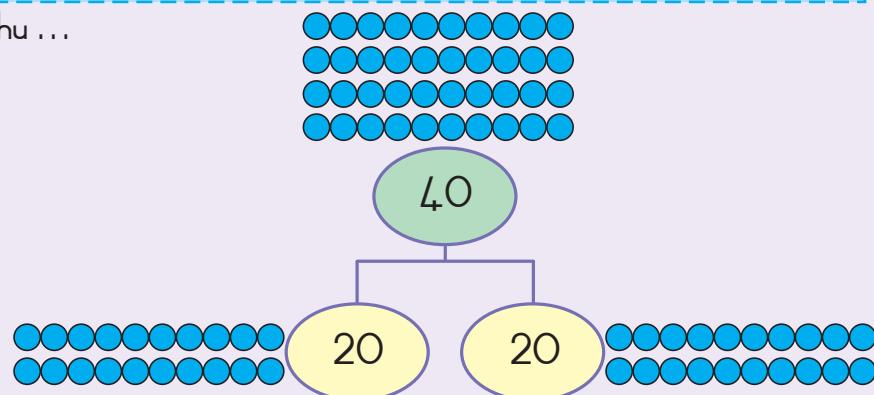
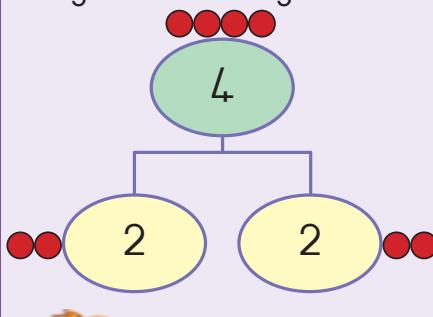
Usakhumbula?

oku-2 uhafu woku-4

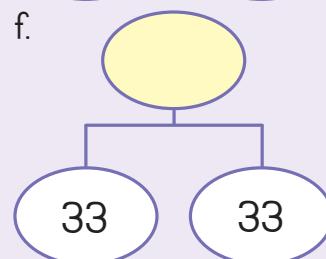
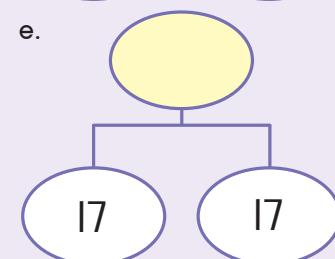
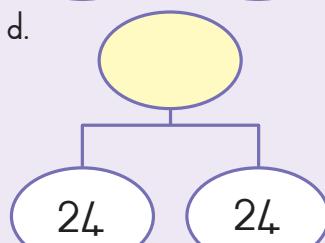
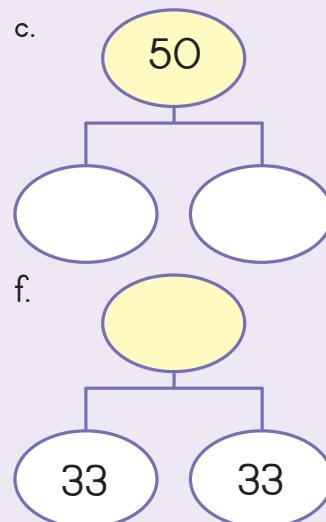
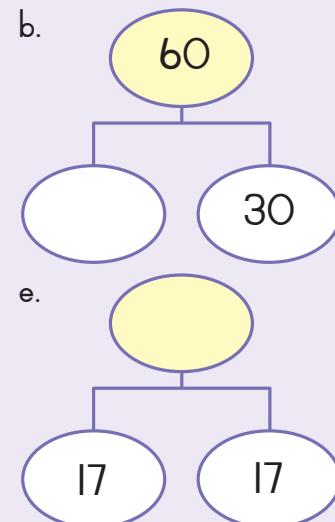
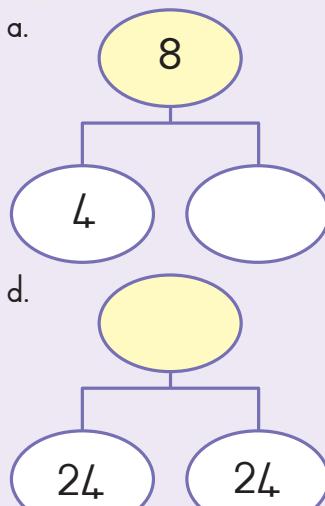
koku-4 uphinda kibili
oku-2

kokungama-40 uphinda
kibili okungama-20

Singakukhombisa ngomdwebo lokhu ...



Ukuthola okuphindwe kibili noma okungohhafu



Inselele

Thola uhafu woku-3.

Kukhombise lokhu ngenombolo noma ngegama lenombolo.
Ungakusiza umdwebo.



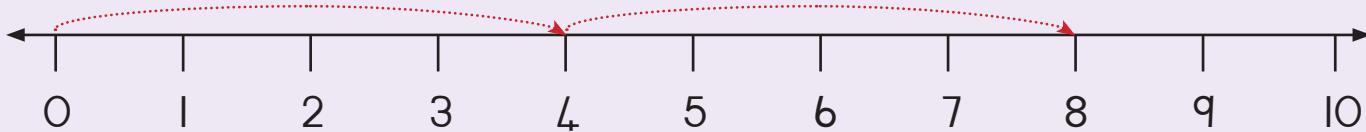
Phinda kibili inombolo usebenzise umugqa wezinombolo.

Eyokuqala wenzelwe yona njengesibonelo.

a. Phinda kibili
oku-4

+

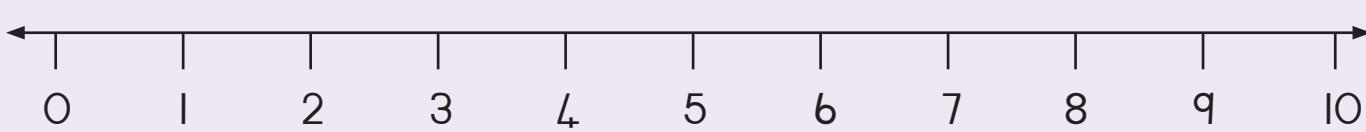
=



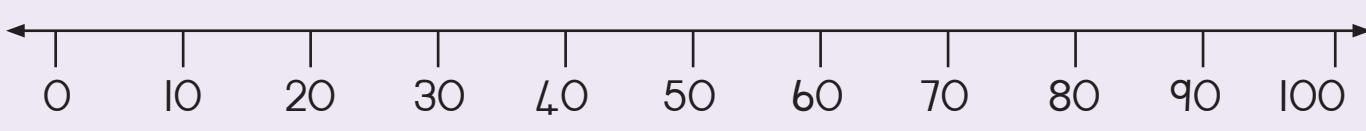
b. Phinda kibili
oku-5

+

=



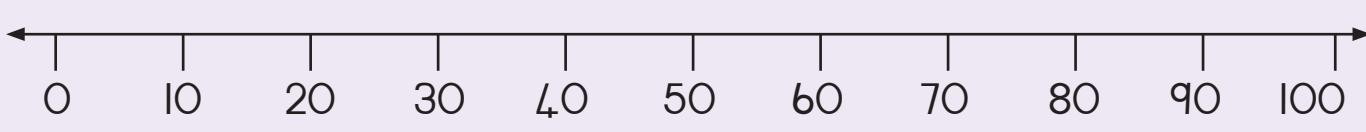
c. Phinda kibili
ama-20



d. Phinda kibili
ama-40

+

=



Qedela lokhu okulandelayo:

a. Phinda kibili oku-1

2

b. Phinda kibili okuyi-6

c. Phinda kibili i-10

d. Phinda kibili ama-30

e. Phinda kibili ama-50



Qedela lokhu okulandelayo:

a. Phinda kibili okuyi-6

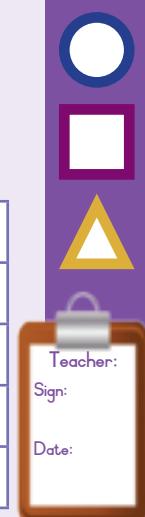
3

b. Phinda kibili okuyi-8

c. Phinda kibili okuyi-14

d. Phinda kibili okungama-60

e. Phinda kibili okungama-70



11 12 13 14 15 16 17 18 19 20



Usuku:

Ithemu |

Amaqhezu

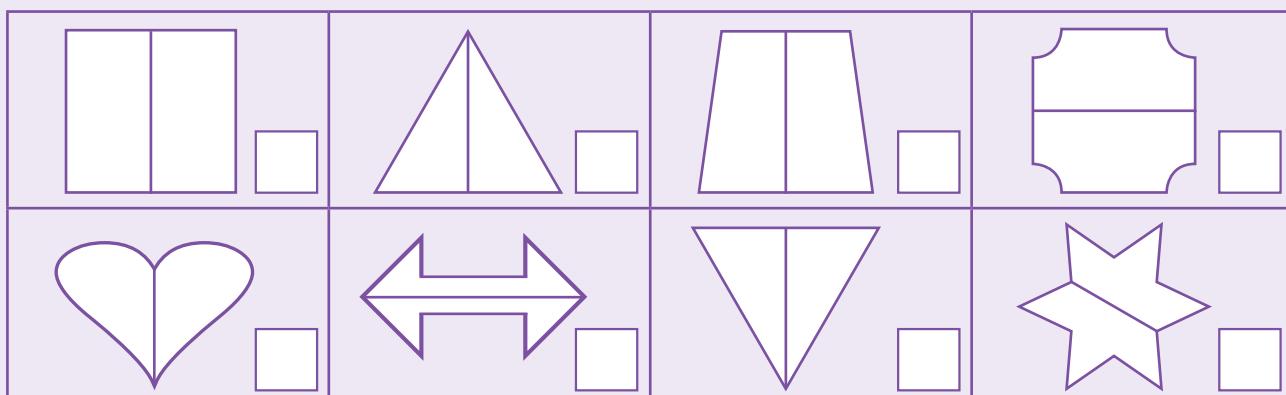
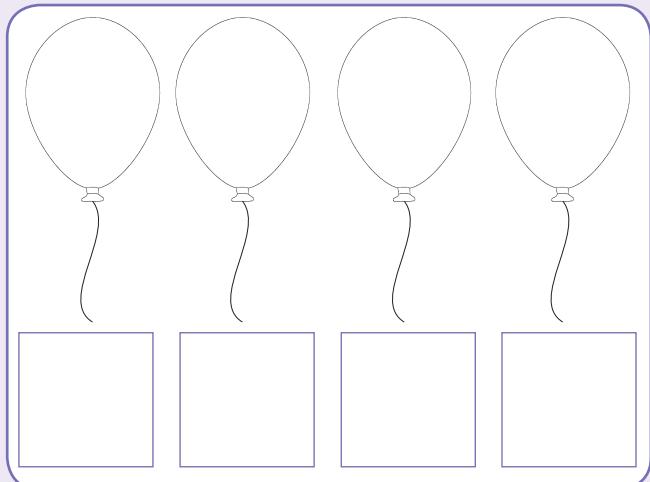
Faka ikota elilodwa lebhaluni umbala obomvu, asele abe luhlaza sasibhakabhaka. Amanye uwafake umbala oluahlaza okotshani.

Faka umbala obomvu kuhhafu webhokisi ngalinye.

Buka izimo.

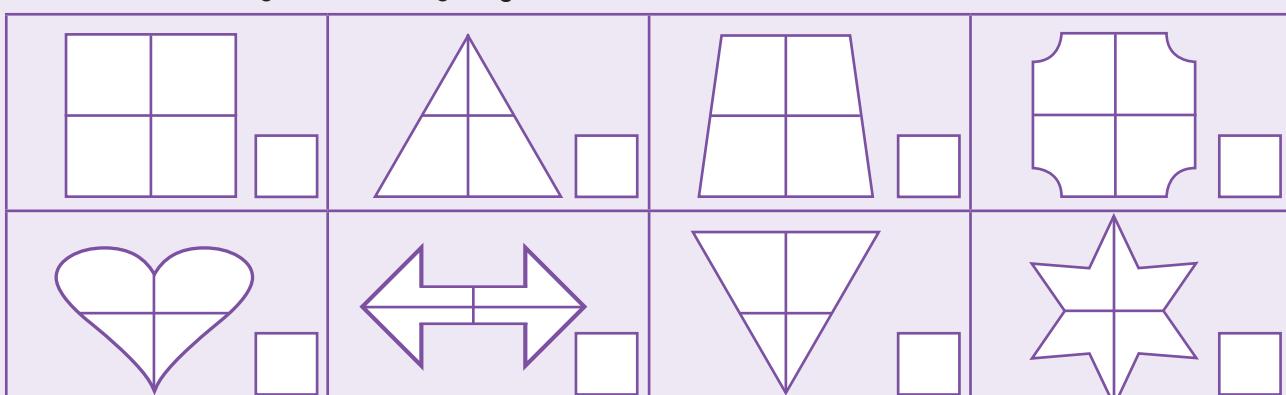
Buka izimo. Faka uphawu (✓) ezimweni ezikhombisa uhafu.

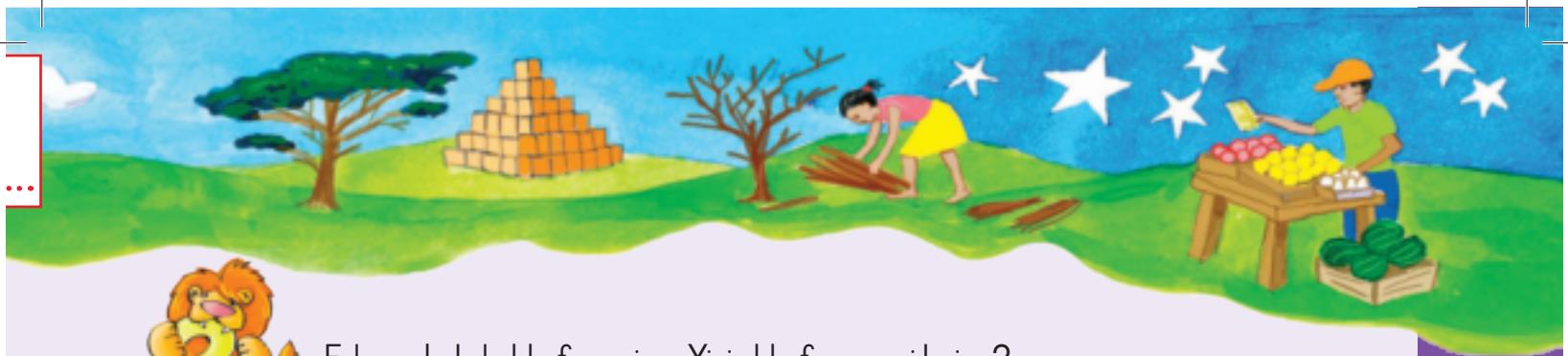
Faka umbala uhafu ngamunye wesimo kulezo ezechlukaniswe zaba ngohafu.



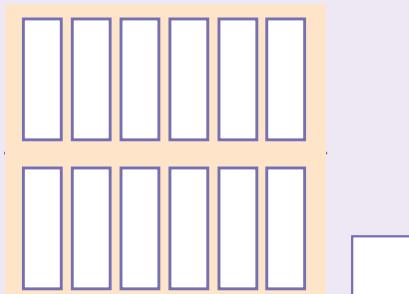
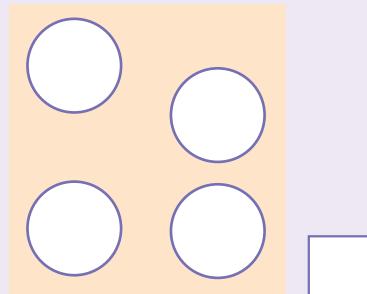
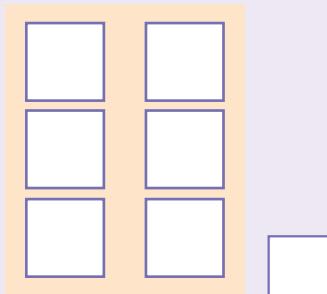
Buka izimo. Faka uphawu (✓) ezimweni ezikhombisa amakota.

Faka umbala ikota elilodwa lezimo ezechlukaniswe zaba ngamakota alinganayo.

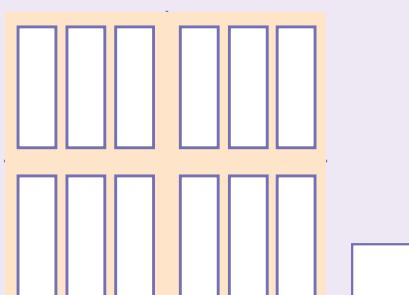
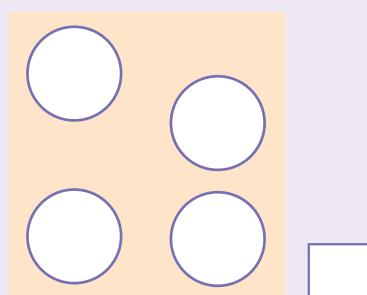
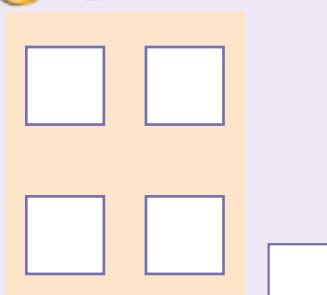




Faka umbala kuhhafu wezimo. Yini uhhafu wenani lezimo?



Faka umbala ikota lezimo. Yini ikota lenani lezimo?

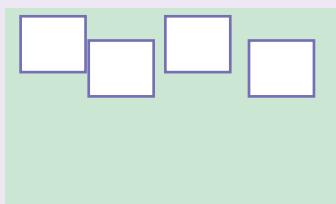
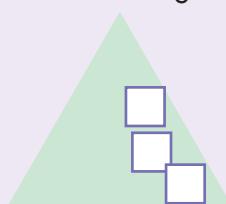
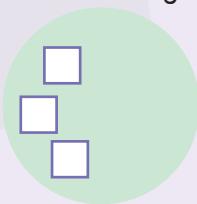


Bhala iqhezu lalokhu: uhhafu

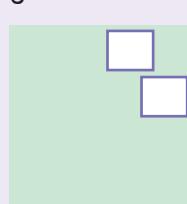
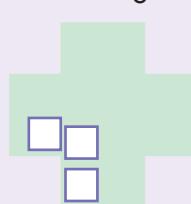
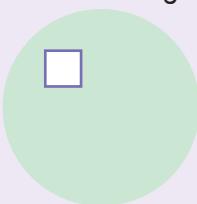
ikota



Dweba ezinye izimo ukwenza uhhafu ngamunye uphelele.



Dweba ezinye izimo ukwenza ikota ngalinye lilingane namanye.



Usuku:

.....

Ukuhlela imali



Esitokofeleni

UMaLubisi ubala aphinde ahlele imali yeqembu.



Linganisela isamba. R _____

Bala imali. R _____

Qhathanisa
ukulinganisela kanye
nesamba.



Ukonga imali

UGugu wongela icathulo ezibiza ama-R89.

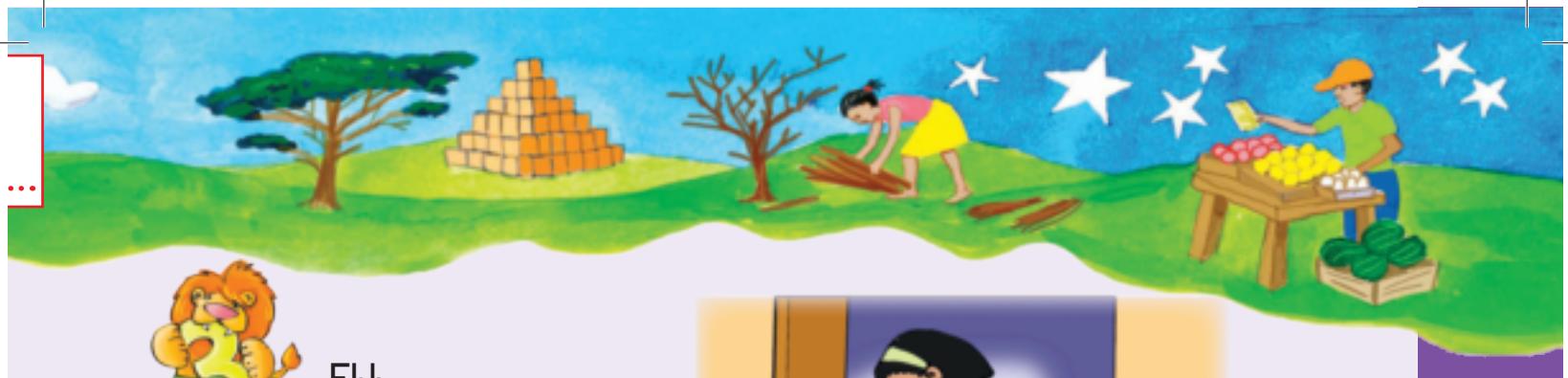
Kuze kube manje unohhafu wenani.

Udinga malini ngaphezulu?

Bhala umusho wezinombolo ukukhombisa impendulo.



_____ - _____ - _____



Ebhange

UMariya uhlela amaphepha emali abe
yizinqwaba zama -5.
Kukhona enye esele.
Bhala isamba semali esithombeni ngasinye.



Isamba

	R _____
	R _____
	R _____



Inselele

Uhambo lwasezu

Abanye abantu abadala nezingane baya ezu.
Bathenga amathikithi ngama -R90.

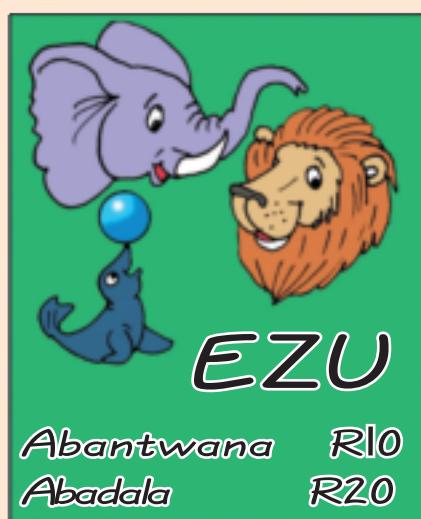
Zingaki izingane? _____

Bangaki abadala? _____

Ikhona enye impendulo? _____

Izingane _____

Abadala _____





Usuku:

.....

Ithemu |



Amaphethini

Sebenzisa ibhodi lezinombolo ezingama - 200 ukuphendula le mibuzo.

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



Sebenzisa ibhodi lezinombolo ezingama - 200 ukuqedela izinombolo ezine ezilandelayo kula mapethini ezinombolo, bese ufaka umbala iphethini elivelva ebhodini lezinombolo.

I05, I10, I15, _____	87, 90, 93, _____
36, 40, 44, _____	184, 186, 188, _____
70, 65, 60, _____	138, 135, 132, _____
I80, I76, I72, _____	I4, I2, I0 _____

| 2 3 4 5 6 7 8 9 10



Bhala izinombolo ezilandelayo ephethinini ngalinye. Faka umbala ephethinini. Yini oyiphawulayo ngezinombolo ezinemibala efanayo?

Bala nqakuhanu.

Bala nqakubili.

Bala ngakuthathu.

Bala nqamashumi.



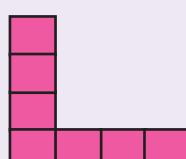
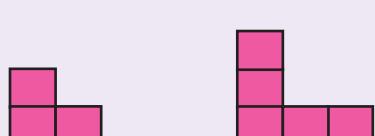
Qhuba iphethini.



For more information about the study, please contact the study team at 1-800-258-4929 or visit www.cancer.gov.



For more information about the study, please contact Dr. John Smith at (555) 123-4567 or via email at john.smith@researchinstitute.org.



A large, empty rectangular frame with a thick purple border, centered on a white background.



10

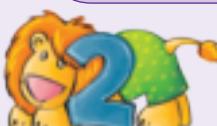
Usuku:

Ithemu |

Amabhola, amabhokisi namasilinda



Kokelezela amabhokisi ngombala oluhlaza sasibhakabhaka, amabhola abe bomvu kuthi amasilinda abe luhlaza satshani.



Faka umbala empendulweni efanele.



Ibhokisi

liyashelela

liyagingqika



Isilinda

liyashelela

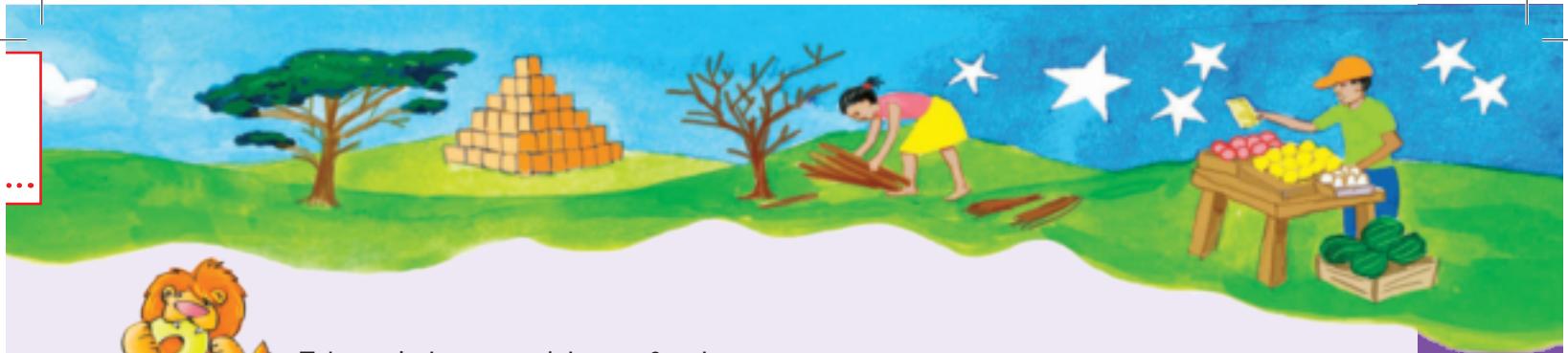
liyagingqika



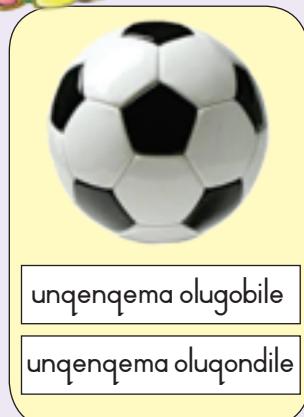
Ibhola

liyashelela

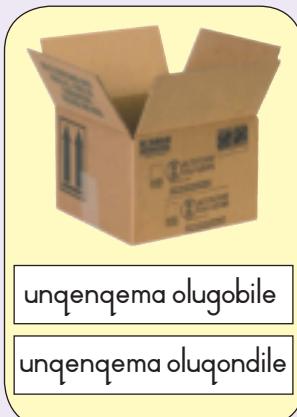
liyagingqika



Faka umbala empendulweni efanele.



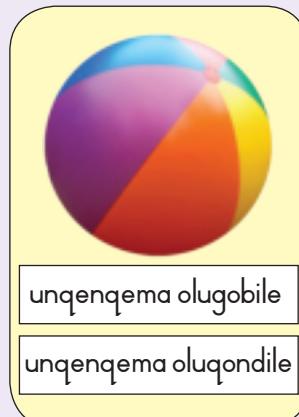
unqenqema olugobile
unqenqema oluqondile



unqenqema olugobile
unqenqema oluqondile



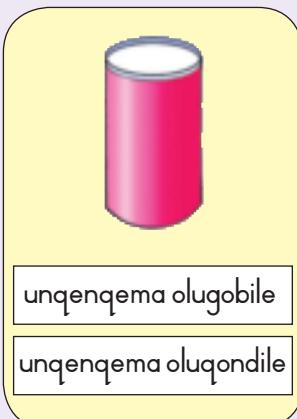
unqenqema olugobile
unqenqema oluqondile



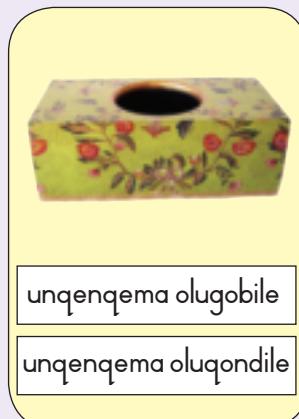
unqenqema olugobile
unqenqema oluqondile



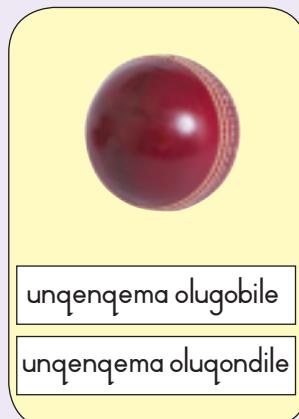
unqenqema olugobile
unqenqema oluqondile



unqenqema olugobile
unqenqema oluqondile



unqenqema olugobile
unqenqema oluqondile



unqenqema olugobile
unqenqema oluqondile



Yisho ukuthi ibhola lingemuva, lingaphambili, liseceleni noma lingaphezulu yini kwebhokisi.



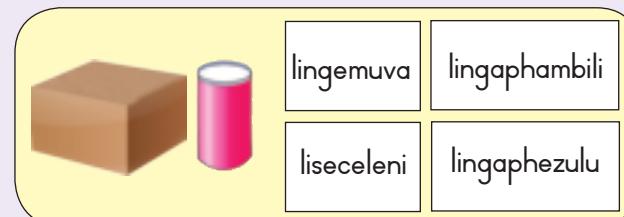
lingemuva	lingaphambili
liseceleni	lingaphezulu



lingemuva	lingaphambili
liseceleni	lingaphezulu



lingemuva	lingaphambili
liseceleni	lingaphezulu



lingemuva	lingaphambili
liseceleni	lingaphezulu





Usuku:

.....

Ithemu |



Dweba izinto ezinhlangothimbili uziqambe
amagama, bese uyaziqhathanisa

Dweba izimo

Unxantathu

Indilinga

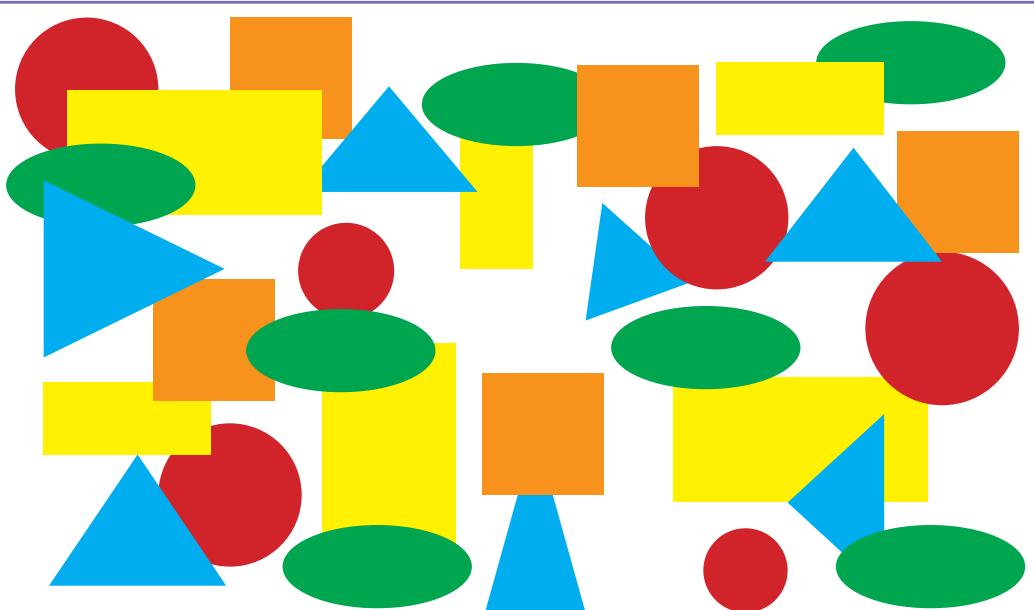
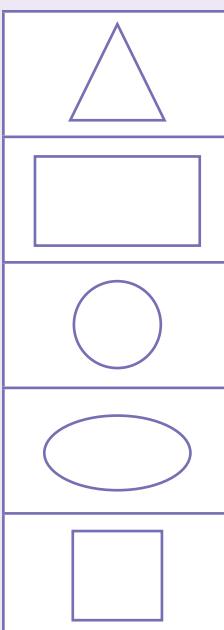
Isikwele

Unxande



Ukubala izimo

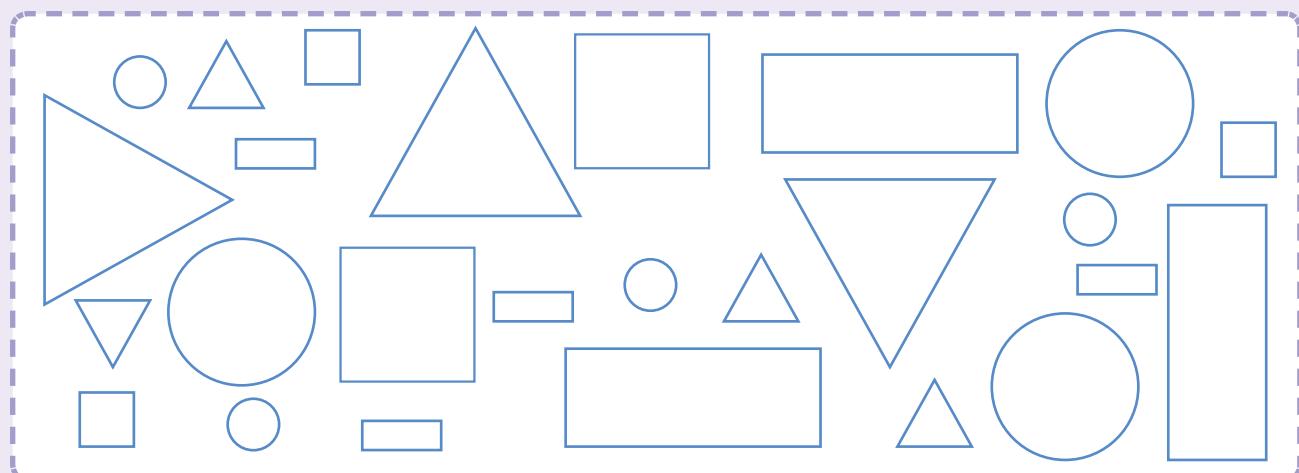
Bala ukuthi yiziphi izimo ongazithola ezifana nalezi ozinikeziwe.





Faka umbala

Obomvu ezindilingeni ezinkulu, oluahlaza satshani ezindilingeni ezincane, oluahlaza sasibhakabhaka konxantathu abakhulu, osawolintshi konxantathu abancane, ophuzi ezikweleni ezinkulu, obukhwebezane ezikweleni ezincane, onsundu konxande abakhulu, ophinki konxande abancane.



Mangaki amacala esimo ngasinye?

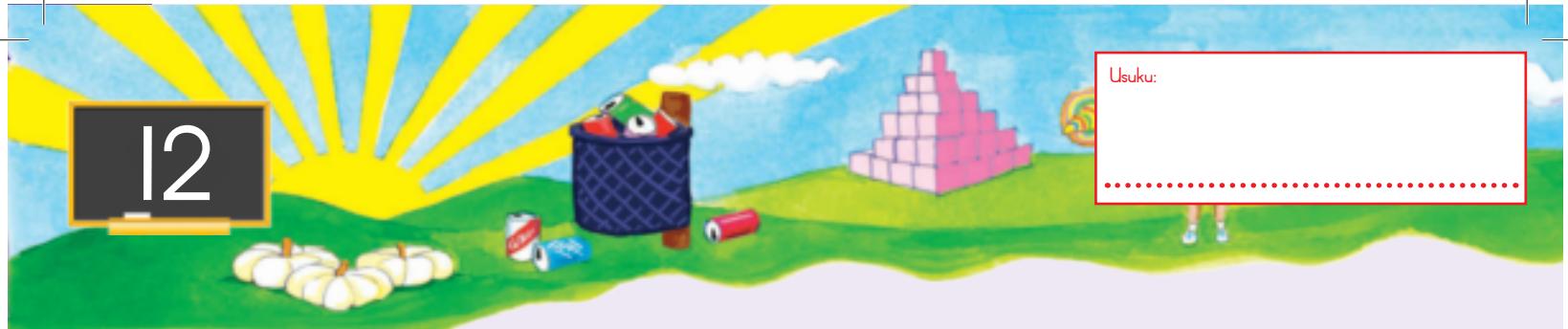
Mangaki amacala esimo ngasinye? Bhala impendulo ebbokisini. Sikwenzele isibonelo. Ingabe amacala aqondile noma agobile? Faka umbala empendulweni efanele.

 kuqondile	 kugobile



Teacher:
Sign:
Date:

12



Usuku:

Ithemu |



Ukufunda isikhathi

Qedela umusho: Yiziphi izikhathi ezikhonjisa yila mawashi?



Ihora le - _____
nqo ezimpondweni



Ihora le - _____
nqo ezimpondweni



Ihora le - _____
nqo ezimpondweni



Ihora le - _____
nqo ezimpondweni



Gxuma uzungeze iwashi

Siza igundane ukubala imizuzu ngaku - 5.

Qala enombolweni yeshumi nambili bese uyazungeza.



Mingaki imizuzu oyithole uma ubala? _____

Mingaki imizuzu ehoren ieli - I? _____



Ukubhala isikhathi

Dweba izinti ukukhombisa isikhathi.



Iyishumi nanhlanu
lishayile elesi - 6



Ingamashumi
amatathatu lishayile
elesi - 8



Iyishumi nanhlanu
ngaphambili kwele - II



Ligamenxe elesi - 5



UJabu uhamba ngezinyawo
uma eya esikoleni.



Uphuma ekhaya.



Ufika esikoleni.

Uthatha isikhathi esingakanani uJabu? _____



Usuku lokubhaka

Umama ubhaka isinkwa.



Usifaka kuhhavini.



Uyasikhapha.



Isinkwa sibhakwa imizuzu e - _____



Inselele

Esikhathini esiphindwe kibili.

- Guqula amahora abe yimizuzu.

Amahora	1	2	4	8
Imizuzu	60			

Ngiyalibona iphethini.



- UMandla uthatha imizuzu engama - 45 ukufika esikoleni. EsikaJabu side ngokuphindwe kibili. Uthatha amahora amangaki uJabu ukufika esikoleni? _____

Teacher:
Sign:
Date:

13

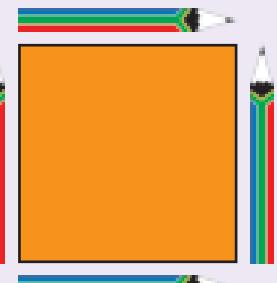
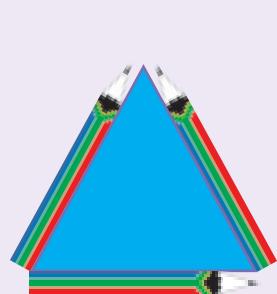
Usuku:

Ithemu |

Ukukala ubude



Alingana namapensela
ama-3 amacala
kanxantathu
esewonke.



Alingana namapensela
ama-3 amacala
esikwele esewonke.



Ingabe
bungakanani
ubude nobubanzi
bukanxande?

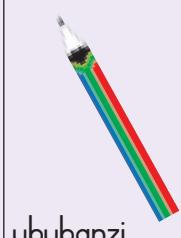
Mangaki amapensela enela ubude bukanxande?



Mangaki amapensela enela ububanzi bukanxande?

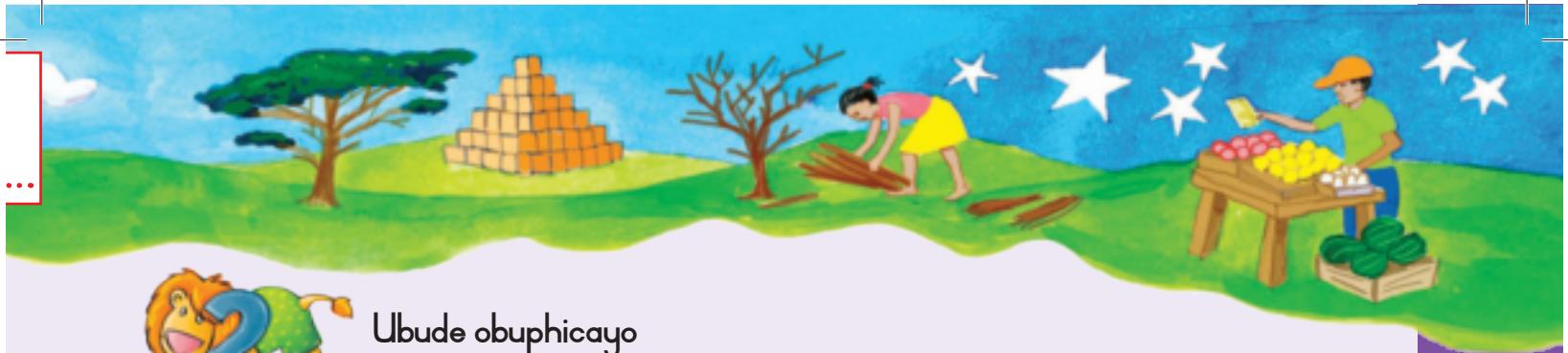


ubude



ububanzi

Uwasebenzise kanjani amapensela ukubala?

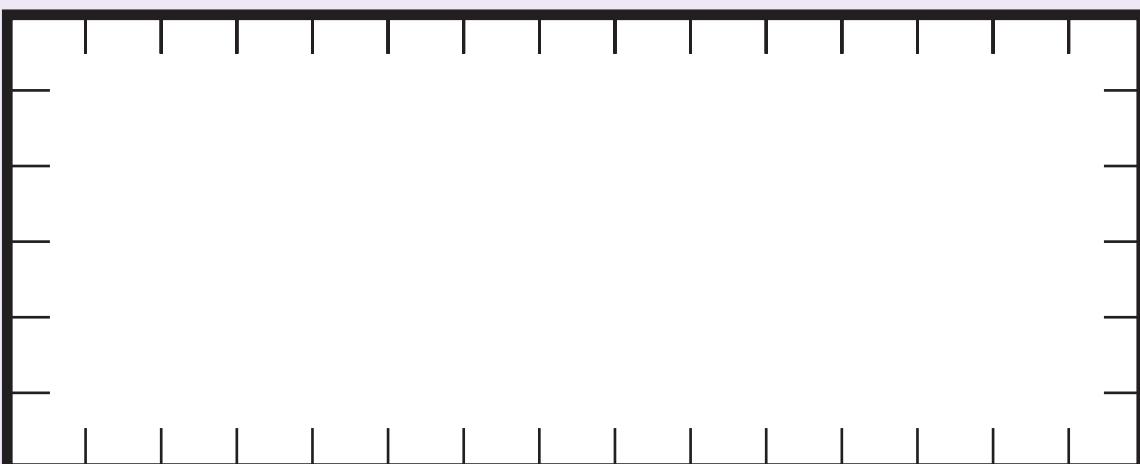


Ubude obuphicayo

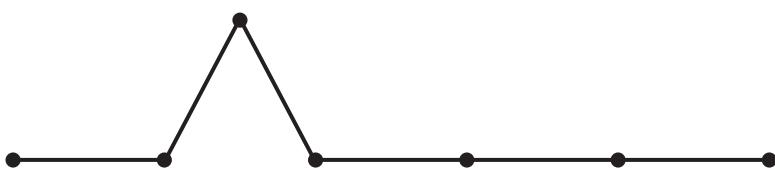
- a. Udinga emingaki imigqa ebomvu ukuqedela umugqa omnyama?



- b. Udinga emingaki imigqa ebomvu ukuhamba uzungeze unxande wonke?



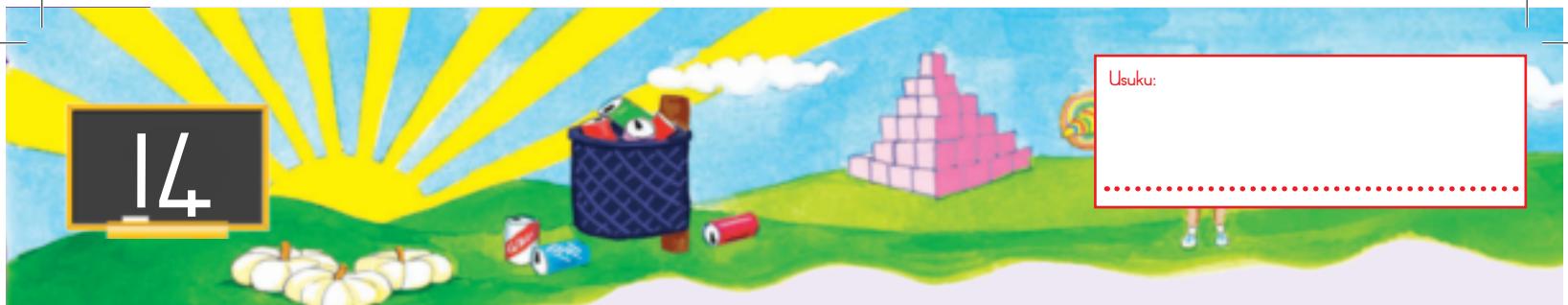
- c. Yikuphi okude, okungaphezulu noma okungaphansi, noma kuyafana?



Impendulo _____

Usho ngani? _____





Usuku:

.....



Umthamo

Ujeke uthatha izinkomishi
ezi-10 zamanzi. Sengifake izinkomishi
ezimbili zamanzi ojekeni.

Ngidinga izinkomishi ezingaki ukuze
ngigcwališe ujeke?



Zingaki izinkomishi zamanzi ezisesiqukathini?
Zingaki esizidingayo futhi ukugcwaliisa isiqukathi?

a.



b.



Okusesiqukathini:

Esidinga ukwengeza
ngakho:

Okusesiqukathini:

Esidinga ukwengeza
ngakho:

c.



d.



Okusesiqukathini:

Esidinga ukwengeza
ngakho:

Okusesiqukathini:

Esidinga ukwengeza
ngakho:

e.



f.



Okusesiqukathini:

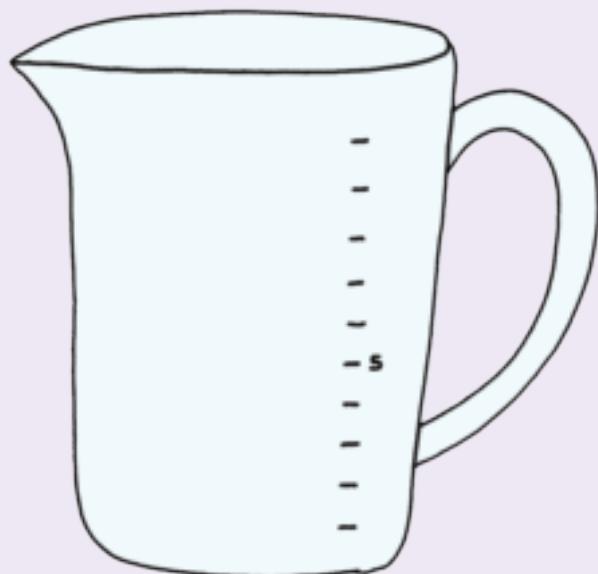
Esidinga ukwengeza
ngakho:

Okusesiqukathini:

Esidinga ukwengeza
ngakho:



Bhala amagabelo alo jeke wokukala. Sikukhombisile igabelo lesi -5.

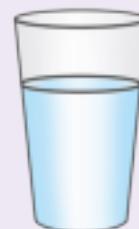


Uma inkomishi eyodwa igcwalisa kufike egabelweni, udinga izinkomishi ezingaki ukugcwalisa ujeke ngokulandelayo:

- 4 _____
- 6 _____
- 8 _____
- 10 _____



Faka uphawu (✓) eziqukathini ezinelitha elilodwa lokuwuketshezi, bese uzinamathisela zilandelane zisukele kwesincane kunazo zonke ziye kwesikhulu kunazo zonke.



15

Usuku:

Ithemu |

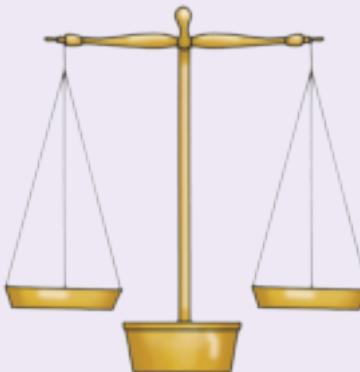


Ake sizikale ukuthi sisinda noma silula kangakanani.

Sisebenzisa isikali ukuthola ukuthi **sisinda noma silula kangakanani**.

Sisebenzisa **amakhilogramu** ukuzikala isisindo.

Sisebenzisa lesi sifinyezo: kg. Ngubani osinda kunathi sonke?



41 kg



38 kg



41 kg



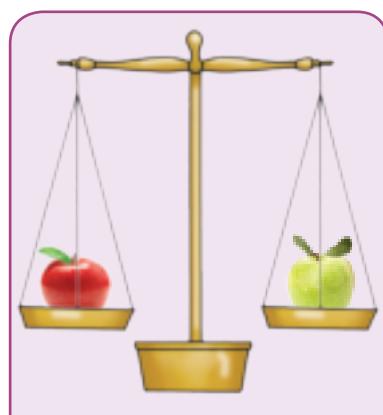
42 kg



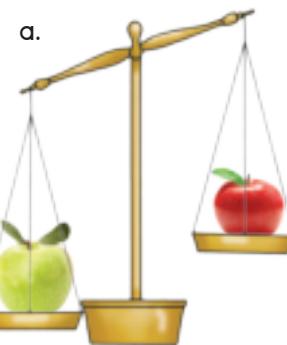
39 kg



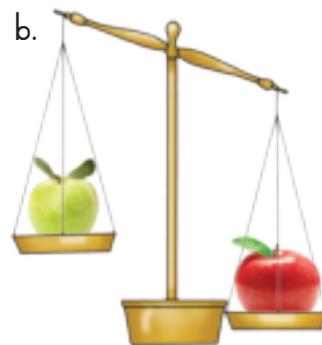
Sisebenzisa isikali sokuzimelela ukukala isisindo.



Kulesi sikali womabili ama-aphula asinda ngokulinganayo.



Phendula umbuzo. Bhala u-a noma u-b.



Yisiphi isikali esikhombisa ukuthi i-aphula eliluhlaza lisinda kakhulu kunelibomvu?

Yisiphi isikali esikhombisa ukuthi i-aphula eliluhlaza lilula kakhulu kunelibomvu?



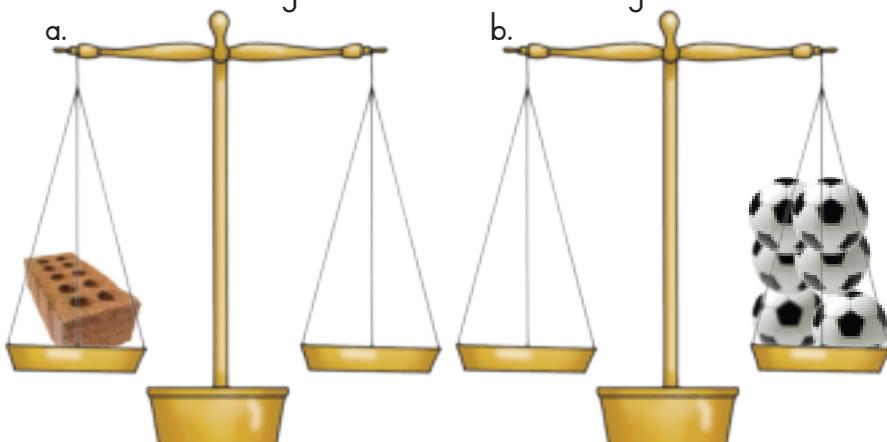
Linganisa izikali.

Sesikwenzele eyokuqala.



Izitini ezimbili zisinda
ngokulinganayo namabhola
aman.

Khombisa ngokudweba ukuthi udinga izitini noma amabhola
amangaki ukwenza lezi zikali zilingane.



Uma iphasela elilodwa linesisindo esiwu-3 kg, singakanani isisindo:

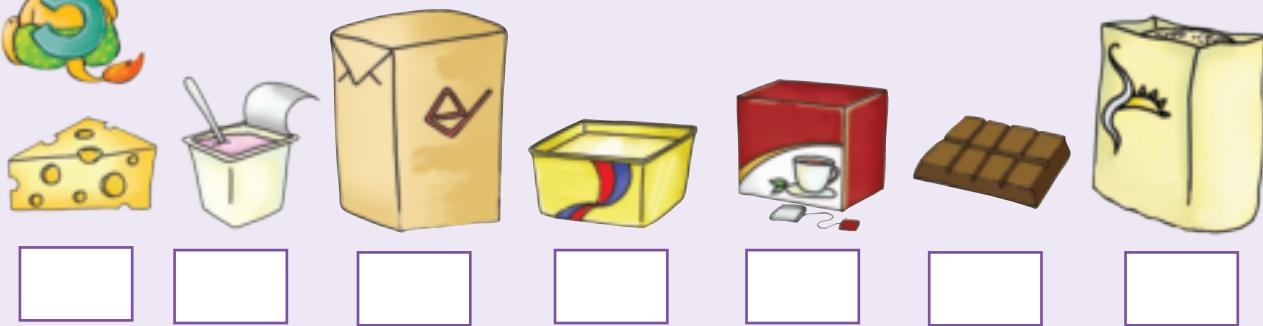
- samaphasela ama-2 _____ kg
- samaphasela ama-3 _____ kg
- Ningawakala amaphasela ama-4 kanyekanye kulesi sikali
sasekhishini? _____



Usho ngani? _____



Faka uphawu (✓) eziqukathini ezinamaphakethe anesisindo se-1 kg.



16

Usuku:

Ithemu |



Ukuqokelelwa kolwazi

Izicathulo eklasini

Funda le ndaba.

Thabo: Ihe! UThemba mude bo! Ugqoka usayizi **b** wezicathulo!

Nkz Khoza: Yebo, Thabo, zinkulu ngempela enganeni eneminyaka eyisi - **q** ubudala!
Ufaka usayizi bani ezicathulweni, Thabo? Yibaphi osayizi abagqokwa
ngabanye eklasini? Asenzeni ucwaningo.



Abafundi basho osayizi babo ngamunye ngamunye.

UNkz Khoza ubhala osayizi ebhodini.

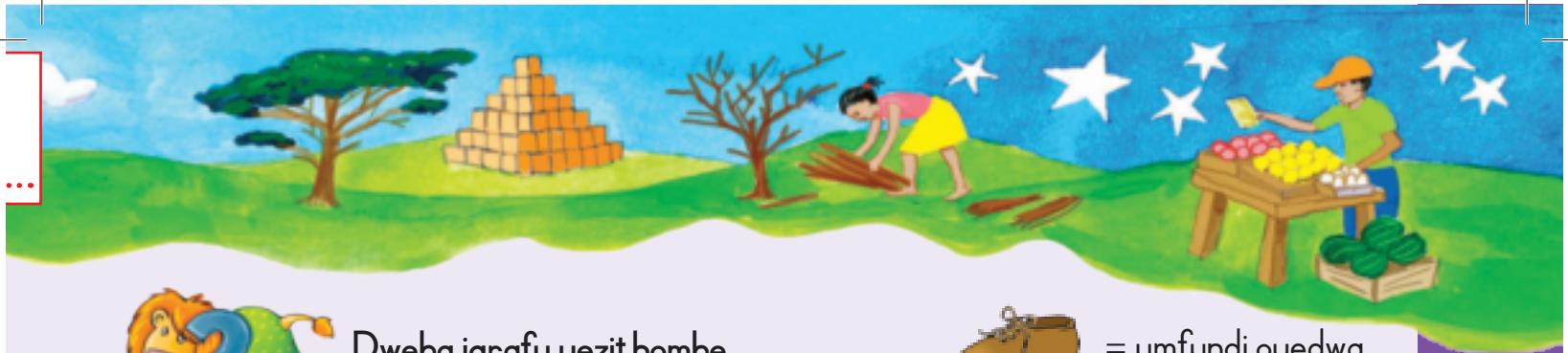
Nkz Khoza: Bala, bese ubhala ukuthi bangaki osayizi ngamunye.

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

Gcwala ithebhula elingezi:

Osayizi bezicathulo eklasini

Usayizi 1	Usayizi 2	Usayizi 3	Usayizi 4	Usayizi 5	Usayizi 6



Dweba igrafu yezithombe



= umfundi oyedwa

Usayizi 1	Usayizi 2	Usayizi 3	Usayizi 4	Usayizi 5	Usayizi 6



Phendula le mibuzo.

- Abafundi abaningi bagqoka usayizi _____ ezicathulweni..
- Zingama _____ izingane ezibambe iqhaza kulolu cwaningo.



Singathini ngawe?

Thola ukuthi wena nabangani bakho nifaka baphi osayizi bezicathulo!

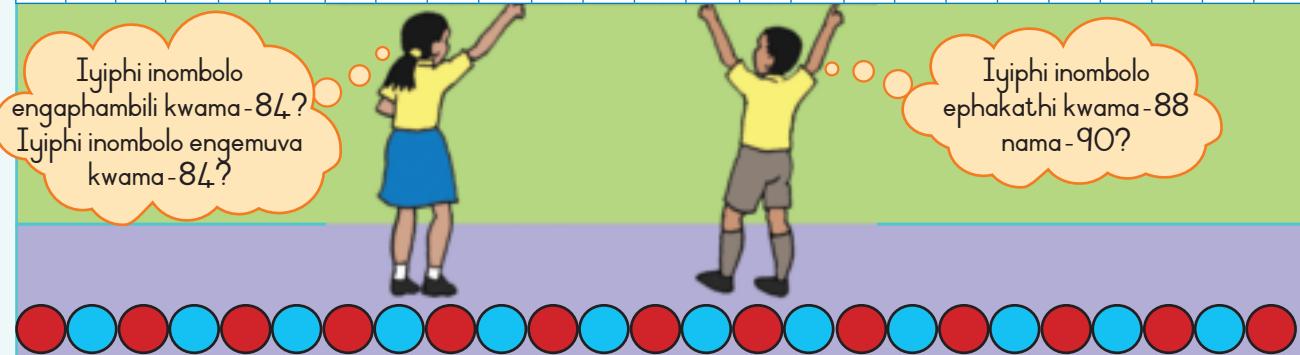
- Sebenzani ngamaqembu anabantu abayi-6 kuya kwabayi-8.
- Qoqani imininingwane yenu.
- Bhala inani lawosayizi bezicathulo ethethbuleni.
- Qhathanisani izimpendulo zenu nezamaqembu amanye.





Qhathanisa bese ulandelanisa izinombolo

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



Gcwalisa ngezinombolo ezingekho.

51																							
71																							
																							100

Sebenzisa ishadi lezinombolo ukuphendula le mibuzo.

- Iyiphi inombolo engaphambili kwama - 68? _____
- Iyiphi inombolo engemuva kwama - 68? _____
- Bhala izinombolo ezinhlanu ezingaphansi kwama - 71. _____, _____, _____, _____, _____
- Bhala izinombolo ezinhlanu ezinkulu kunama - 71. _____, _____, _____, _____, _____
- Yiziphi izinombolo eziphakathi kwama - 79 nama - 84? _____
- Bhala lezi zinombolo kusukela kwencane kuya kwenkulu.
73, 52, 50, 59, 61 _____
- Bhala lezi zinombolo kusukela kwenkulu kuya kwencane.
74, 96, 99, 91, 38 _____



Qedela ithebhula. Qala ngenombolo oyinikeziwe.

	Enkulu ngokukodwa	Encane ngokukodwa	Enkulu ngeshumi	Encane ngeshumi
25				
39				
74				
56				
40				



Kokelezela inombolo enkulu kunazo zonke.

78	87	17	36	63	33
----	----	----	----	----	----

Kokelezela inombolo encane kunazo zonke.

qq	1q	q	14	41	40
----	----	---	----	----	----



Uma uphawu < lusho ukuthi **kuncane kuna-**, nalolu > lusho ukuthi **kukhulu kuna-**, qedela:

64	>	32	23	>	18
----	---	----	----	---	----

57	<input type="text"/>	98	89	<input type="text"/>	57
----	----------------------	----	----	----------------------	----



Thola izinombolo ezi -5 ephephandabeni eziphakathi kwama -50 nama -qq uzinamathisele lapha.

--



18

Usuku:

Ithemu |



Ubungako benani lenombolo kufinyelela ema - 99

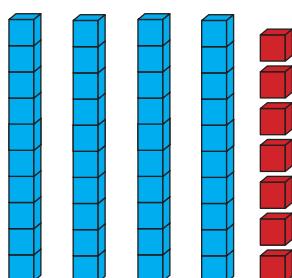
Ukukhombisa izinombolo ngezinto

Singazikhombisa izinombolo ngamabholokhi obungako benani lenombolo.
Ibhulokhi elincane limele umuvo o - I. Iyimivo.
Amabholokhi ayi - IO amancane amele i - IO elilodwa. Yi - IO leli.
Yishumi.

Amashumi	Imivo
10	10
2	2

Ungayikhombisa inombolo usebenzisa
amashumi nemivo.

Ama - 47 siwakhombisa kanje.



Amashumi	Imivo
4	7

amashumi amane
nesikhombisa 47

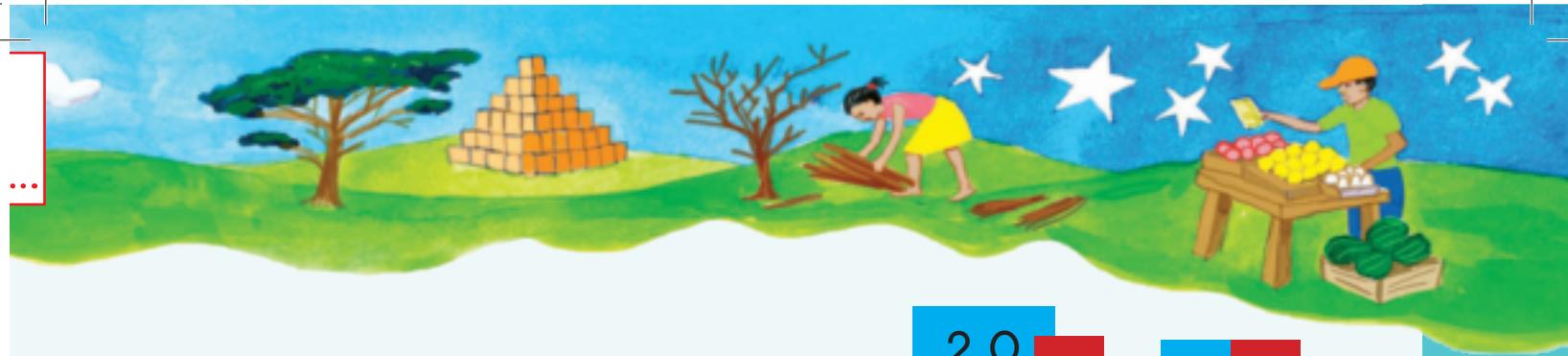


Ukubhala izinombolo usebenzisa izimpawu kanye nangamagama

- a. Ngaphansi kwesithombe, bhala usho ukuthi mangaki amashumi, mingaki imivo.
Emva kwalokho ubhale inombolo ngezinombolo kanye nangamagama.

Amashumi	Imivo	Amashumi	Imivo	Amashumi	Imivo
3	1				

31
amashumi amathathu nanye



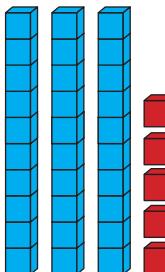
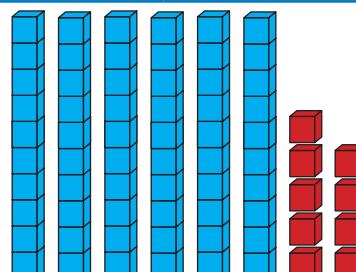
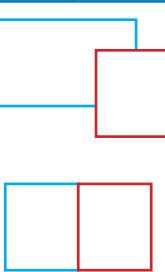
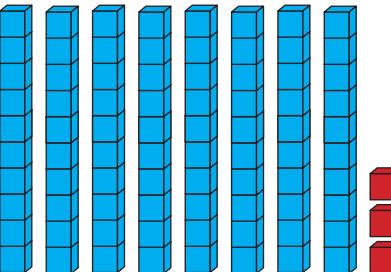
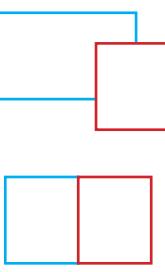
20 **b** 2 **b**

- b. Singasebenzisa futhi amakhadi eginombolo ukukhombisa lokhu.

Inombolo	Mangaki amashumi?	Mingaki imivo?	Bhala le nombolo ngamagama
26	2	6	amashumi amabili nesithupha
46			
qq			



Yisho ukuthi iyiphi le nombolo?

	3 0 5 3 5	<table border="1"> <tr> <td>Amashumi</td> <td>Imivo</td> </tr> <tr> <td>3</td> <td>5</td> </tr> </table> <p>amashumi amathathu nanhlalu 35</p>	Amashumi	Imivo	3	5
Amashumi	Imivo					
3	5					
		<table border="1"> <tr> <td>Amashumi</td> <td>Imivo</td> </tr> <tr> <td></td> <td></td> </tr> </table> <p>_____</p> <p>_____</p>	Amashumi	Imivo		
Amashumi	Imivo					
		<table border="1"> <tr> <td>Amashumi</td> <td>Imivo</td> </tr> <tr> <td></td> <td></td> </tr> </table> <p>_____</p> <p>_____</p>	Amashumi	Imivo		
Amashumi	Imivo					



19

Usuku:

I themu I



Funda

Ukubeka amashumi ndawonye uma sihlanganisa kufinyelele ema - 99

<p>Nansi indlela enye yokukhombisa ama-22.</p> <table border="1"> <thead> <tr> <th>Amashumi</th> <th>Imivo</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> <tr> <td>ishumi</td> <td>imivo eyi-12</td> </tr> <tr> <td>1 0</td> <td>1 0 2</td> </tr> </tbody> </table>	Amashumi	Imivo			ishumi	imivo eyi-12	1 0	1 0 2	<p>Sineshumi</p> <p>Sinemivo eyishumi nambili.</p> <p>Sizobeka iqoqo elinemivo eyi-10.</p>	<p>Sesinenye futhi indlela yokukhombisa ama-22.</p> <table border="1"> <thead> <tr> <th>Amashumi</th> <th>Imivo</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> <tr> <td>amashumi</td> <td>imivo emibili amabili</td> </tr> <tr> <td>2 2</td> <td>2 2</td> </tr> </tbody> </table>	Amashumi	Imivo			amashumi	imivo emibili amabili	2 2	2 2
Amashumi	Imivo																	
ishumi	imivo eyi-12																	
1 0	1 0 2																	
Amashumi	Imivo																	
amashumi	imivo emibili amabili																	
2 2	2 2																	

Masihlanganise ama-27 + 4. Siqala ngemivo engamabhulokhi aluhlaza bese sengeza ngemivo engamabhulokhi abomvu.

<p>Ama-27: ngamashumi ama-2 nemivo eyi-7. Sesengeza imivo emi-4 ngaphezulu.</p> <table border="1"> <thead> <tr> <th>Amashumi</th> <th>Imivo</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> <tr> <td>amashumi ama-2</td> <td>nemivo eyi-7 + 4 imivo</td> </tr> <tr> <td>2 0</td> <td>7 4</td> </tr> </tbody> </table>	Amashumi	Imivo			amashumi ama-2	nemivo eyi-7 + 4 imivo	2 0	7 4	<p>Sinamashumi ama-2 nemivo eyi-11.</p> <table border="1"> <thead> <tr> <th>Amashumi</th> <th>Imivo</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> <tr> <td>Sizokhombisa imivo eyi-10 njengeshumi eli-1.</td> <td></td> </tr> <tr> <td>2 0 1 0</td> <td>1</td> </tr> </tbody> </table>	Amashumi	Imivo			Sizokhombisa imivo eyi-10 njengeshumi eli-1.		2 0 1 0	1	<p>Manje sinamashumi ama-3 + umuvo = 31</p> <table border="1"> <thead> <tr> <th>Amashumi</th> <th>Imivo</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td>+</td> </tr> <tr> <td></td> <td>=</td> </tr> <tr> <td></td> <td>3 1</td> </tr> </tbody> </table>	Amashumi	Imivo				+		=		3 1
Amashumi	Imivo																											
amashumi ama-2	nemivo eyi-7 + 4 imivo																											
2 0	7 4																											
Amashumi	Imivo																											
Sizokhombisa imivo eyi-10 njengeshumi eli-1.																												
2 0 1 0	1																											
Amashumi	Imivo																											
	+																											
	=																											
	3 1																											



Buka isithombe bese ubhala umusho wezinombolo.

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

Qedela izithombe. Bhala imisho yezinombolo ekhonjiswe ezithombeni.

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



20a

Usuku:

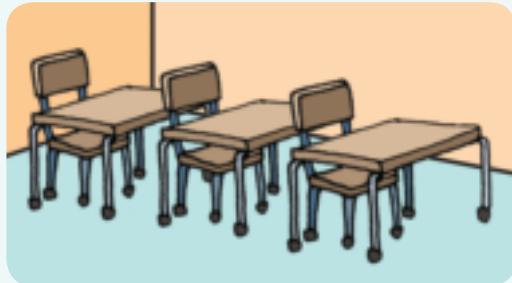
Ithemu |

Hlanganisa emgqeni wezinombolo

Hlala edeskini lakho!

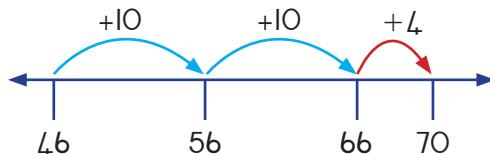
Esikoleni sethu umfundu ngamunye unedeski lakhe.

Ebangeni 3A kukhona abafundi abangama-46 bese kuthi ebangeni 3B kukhona abafundi abangama-24. Sidinga amadeski amangaki emaklasini amabili?



Sebenza nomngani wakho

Bheka ukuthi laba bafundi abathathu bawusebenzise kanjani umugqa wezinombolo ukuxazulula inkinga. Qedela izibalo usebenzisa isibonelo.



Nakhu engizokwenza: Okokuqala njihlanganisa i-10, bese ngithola ama-56.

Ngeqa elinye i-10 ngifinyelele ema-66.

Kuthi ekugcineni, ngeqe ka-4 ukuze ngifinyelele ema-70.

$$\begin{aligned} &= 46 + 10 + 10 + 4 \\ &= 56 + 10 + 4 \\ &= 66 + 4 \\ &= 70 \end{aligned}$$

Kumele
njihlanganise ama-
24 nama-46.

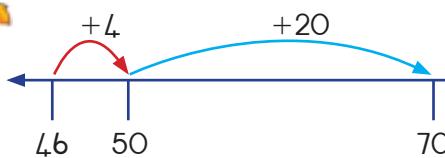


a. $32 + 25 =$



b. $52 + 26 =$

c. $46 + 25 =$



Kumele
ngihlanganise ama-
24 nama-46.



Nakhu engizokwenza: Okokuqala ngihlanganisa oku-4, bese ngithola ama-50.

Ngiyakwazi ukweqa ama-20 futhi, bese ngithola ama-70.

$$= 40 + 10 + 20$$

$$= 50 + 20$$

$$= 70$$

a. $36 + 41 =$



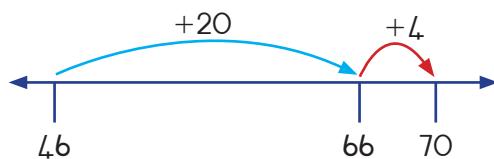
20b

Usuku:

Ithemu |

Hlanganisa emqgeni wezinombolo (kuyaqhutshwa)

b. $57 + 19 = \square$



Kumele
nghlanganise ama-
24 nama-46.



Nakhu engizokwenza: Uma ngisuka ema-46, ngiyakwazi ukweqa ama-20, bese ngifinyelela ema-66.

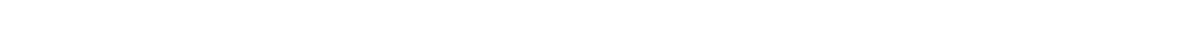
Sengizokweqa oku-4 manje, bese ngithola ama-70.

$$= 46 + 20 + 4$$

$$= 66 + 4$$

$$= 70$$

a. $63 + 24 = \square$



b. $65 + 29 = \square$





Zingaki izinkwa?

Imoto yezinkwa ilethe izinkwa ezinsundu ezi - 54 nezimhlophe ezi - 68.

- a. Zingaki izinkwa sezizonke?

- b. Thola isamba emgqeni wezinombolo. Khombisa izinombolo kanye nebanga lokugxumela phambili.



Hlanganisa lokhu okulandelayo ngaphandle kokusebenzisa umugqa
wezinombolo. Sebenzisa noma iyiphi indlela oyithandayo.

$38 + 24 =$

$58 + 17 =$

$75 + 16 =$

$83 + 29 =$



2|a

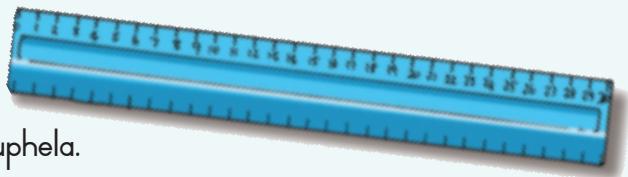
Usuku:

Ukususa emqgeni wezinombolo

Umfundi ngamunye uthola irula elilodwa!

Iklasi lidinga amarula angama-53. Sinamarula angama-35 kuphela.

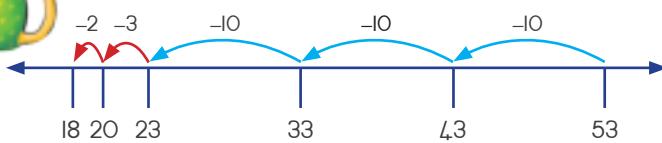
Sidinga amangaki futhi ngaphezulu? $53 - 35 =$



Sebenza nomngani wakho

Funda ukuthi abafundi abathathu bawusebenzise kanjani umugqa wezinombolo.

Qedela izibalo usebenzisa isibonelo.



Kumele ngisuse
ama-35 ema-53. UKUSUSA
kusho ukuthatha kokunye.



Ngizoqala ngisuse ema-**53**. Ngizosusa ngama-**10, 10, 10** – lokho kungibeka ema-**23**. Manje ukuze ngisuse okuhlanu, ngiqala ngokususa oku-**3** bese ngifinyelela ema-**20**. Ngibuye ngisuse oku-**2** bese ngifinyelela e-**18**. Ngakho-ke sidinga amarula ayi-**18**.

$$= 53 - 10 - 10 - 10 - 3 - 2$$

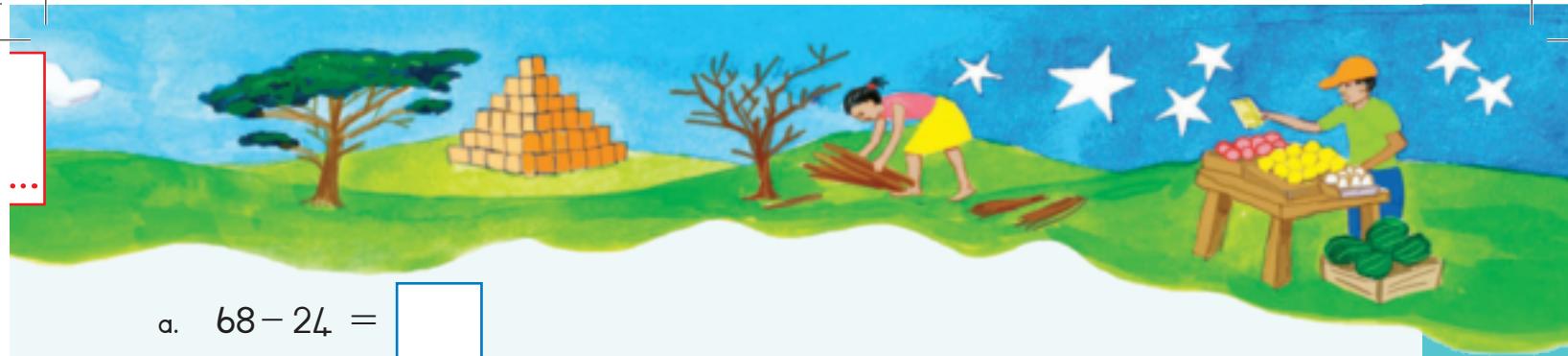
$$= 43 - 10 - 10 - 3 - 2$$

$$= 33 - 10 - 3 - 2$$

$$= 23 - 3 - 2$$

$$= 20 - 2$$

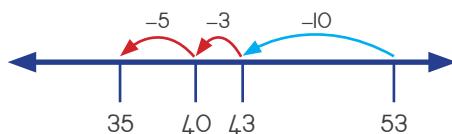
$$= 18$$



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

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

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



Ukususa kusho ukuthola
umahluko phakathi
kwama-53 nama-35.



Ngizoqala ema-53 ngibale ngehle ngiye ema-35 ngithole umahluko. Uma ngibala
ngihlehlala ngama-10, ngifinyelela ema-43. Ngibala ngaku-3 ngihlehlle futhi
ngifinyelele ema-40. Manje ngibala ngihlehlle ngoku-5 ukufinyelela ema-35.
Okuyi-10 ngikuhlanganisa noku-3 ngikuhlanganisa noku-5 kwenza i-18. Ngakho-
ke njidinga ukongeza ngamarula ayi-18.



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

Teacher:
Sign:

Date:

2lb

Usuku:

Ithemu |

Susa usebenzisa umugqa wezinombolo (kuyaqhutshwa)

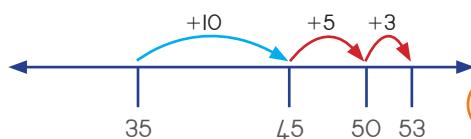
b. $65 - 43 = \boxed{}$



c. $72 - 39 = \boxed{}$



d. $85 - 48 = \boxed{}$



Ngizoqala ema-35 ngibheke
ukuthi kudingeka ngeqe
kangaki ukuze **ngifinyelele**
ema-53.



Ngizoqala ema-35 ngibheke ukuthi kudingeka ngeqe kangaki ukuze
ngifinyelele ema-53? Ishumi lihlanganisa nokuhlanu kanye nokuthathu
kwakha i-18. Sidinga amanye amarula ayi-18.

a. $84 - 32 = \boxed{}$





b. $96 - 53 =$

← →

c. $78 - 19 =$

← →

d. $63 - 47 =$



Ukuhamba ngetekisi

Uhambo oluya edolobheni ngetekisi lungama - 65 km.

Itekisi okwamanje lisahambe ibanga elingama - 38 km.

Kusele ibanga elingakanani elisazohanjwa?

Sebenzisa umugqa wezinombolo ukuxazulula le nkinga.



← →

km





Qala ngokuhlela!

UBusi ubuza abangani ukuthi yikuphi ukudla abakuthandayo uma besedilini. Nakhu akuqoqile. Kuhlele kahle.

Isikhathi sedili



Bala bese uyabhalu ukuthi bangaki abangani abakhethi inhlobo ngayinye yokudla.

Inombolo				



Qedela igrafu yezithombe. Sebenzisa ithebhula lakho. Dweba ubuso (😊) baleyo naleyo ngane ekhetha uhlobo oluthile lokudla noma lwasiphuzo.

😊			
😊			
😊			
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😊			
			



Teacher:

Sign:

D4

|| 12 13 14 15 16 17 18 19 20

23

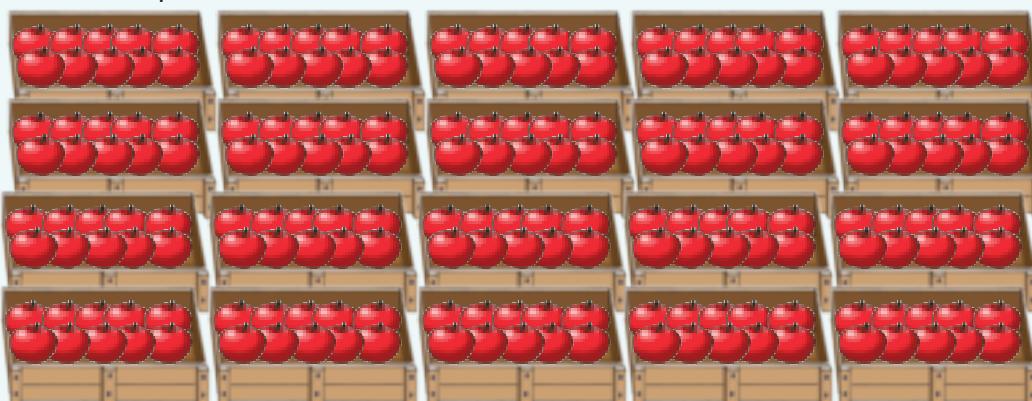
Usuku:

Ithemu |



Ukubala ufinyelele ema -200

Bala ama-aphula.



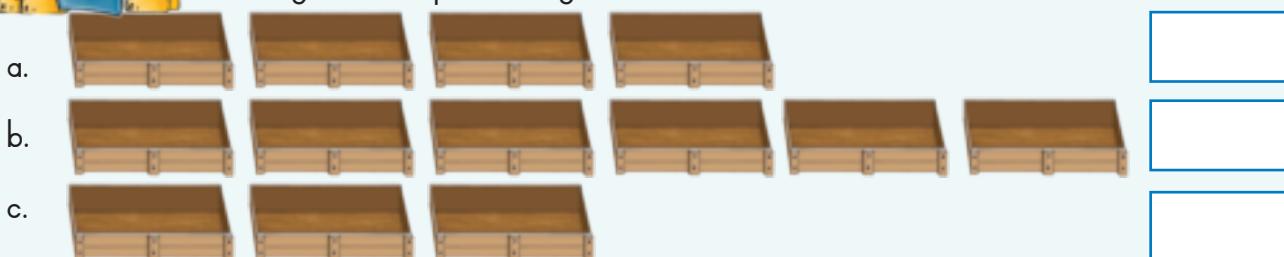
Gcwalisa izinombolo

Ibhokisi eli-l linama-aphula a- Umugqa nga-l unamabhokisi ama-

Umugqa nga-l unama-aphula a- Imigqa emi-4 inama-aphula angama-

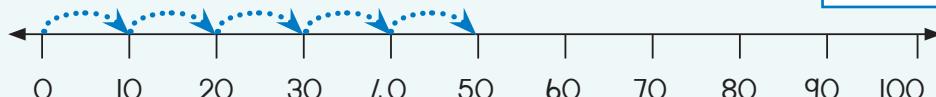


Mangaki ama-aphula esingawafaka kula mabhokisi?

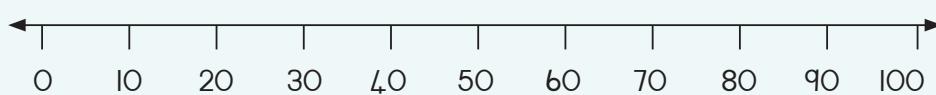


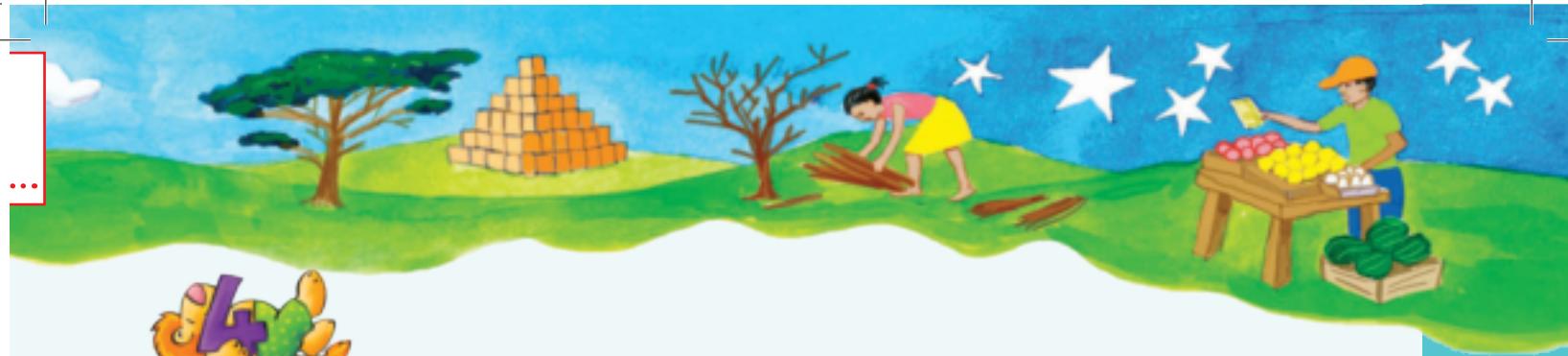
Bala usebenzise umugqa wezinombolo.

a. Mangaki ama-aphula angangena emabhokisini ayisikhombisa?



b. Mangaki ama-aphula angangena emabhokisini ayisikhombisa?





Amaqoqo ama-3

anezinto eziyi-10 enza

3 0

$3 \times 10 =$ **3 0**

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

Amaqoqo ama-5

anezinto eziyi-10 enza _____

_____ \times _____ = **_____**

noma _____ \times _____ = **_____**

Izinqwaba ezi-2

zama-10 zenza -

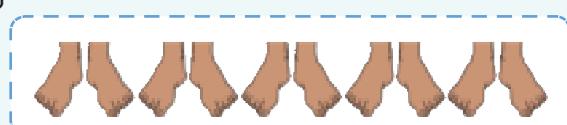
_____ \times _____ = **_____**

noma _____ \times _____ = **_____**



Amapheya ama-5 ezinyawo.

Zingaki izinzwane sezizonke?



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

$$\underline{5} \times 10 =$$

noma 10 \times 5 = **_____**

Yenza okufanayo nakulezi.

Amapheya ama-4 ezinyawo. Zingaki izinzwane sezizonke?

$$\underline{\quad} = \underline{\quad} \quad \underline{\quad} \times \underline{\quad} = \underline{\quad} \quad \text{noma} \quad \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

Amapheya ayi-9 ezinyawo anezinzwane ezingaki?

$$\underline{\quad} = \underline{\quad} \quad \underline{\quad} \times \underline{\quad} = \underline{\quad} \quad \text{noma} \quad \underline{\quad} \times \underline{\quad} = \underline{\quad}$$



Masibale ngama-10.

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

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



24

Usuku:

Ithemu |



Zingaki izinhlanzi? Linganisela.



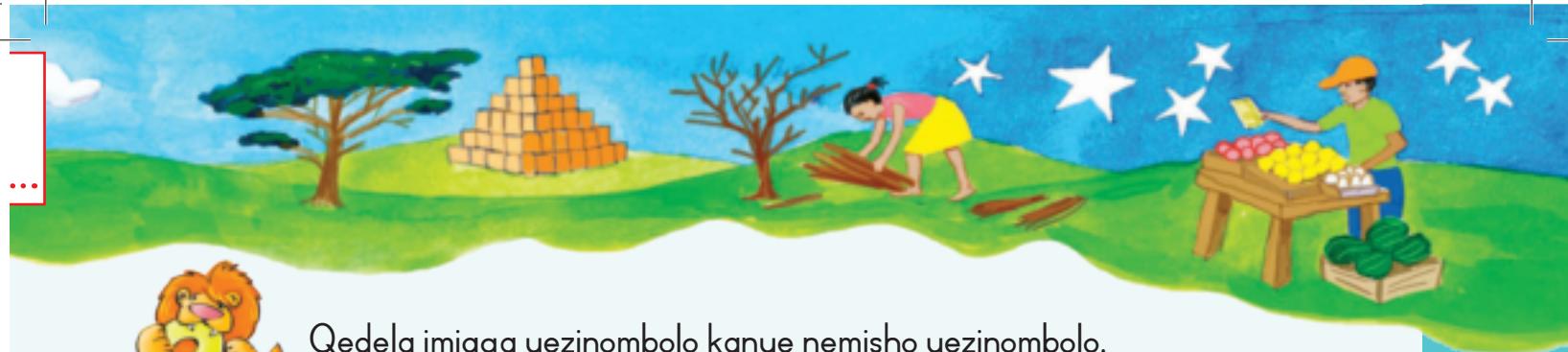
Bala izinhlanzi. Thola isamba.



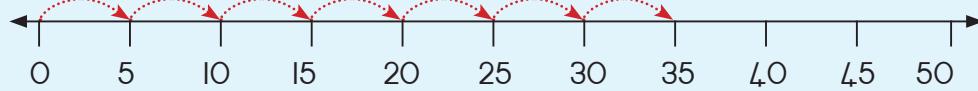
Ukubala ngaku-5

Thola isamba samaqanda enhlanzi. Bhala imisho yezinombolo enezimpawu + kanye no-X. Sikwenzele okokuqala.

Izinhlanzi namaqanda	Mangaki amaqanda esewonke?
Izinhlanzi ezi - 5 zizalela amaqanda a-2 iyinye	$2 + 2 + 2 + 2 + 2 = 10$
Izinhlanzi ezi - 5 zizalela amaqanda a-10 iyinye	
Izinhlanzi ezi - 5 zizalela amaqanda a-4 iyinye	
Izinhlanzi ezi - 5 zizalela amaqanda a-3 iyinye	
Izinhlanzi ezi - 5 zizalela amaqanda a-6 iyinye	
Izinhlanzi ezi - 5 zizalela amaqanda a-8 iyinye	
Izinhlanzi ezi - 5 zizalela amaqanda a-5 iyinye	



Qedela imigqa yezinombolo kanye nemisho yezinombolo.



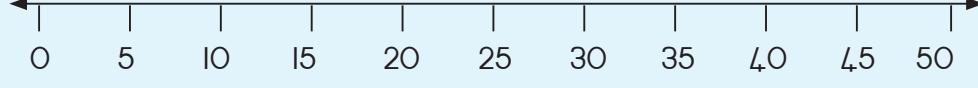
$$5 + 5 + 5 + 5 + 5 + 5 + 5 = \boxed{35} \quad \text{noma} \quad \boxed{7} \times \boxed{5} = \boxed{35}$$

a.



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

b.



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

c.



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



Ukudoba izinhlanzi

USipho ugabe wabamba izinhlanzi eziphakathi kwama-40 nama-50. Uyazibala manje nga-2, sekusala e-1.

Ubuya uzibala nga-5, kusale ezi-2. Udobe izinhlanzi ezingaki sezizonke uSipho?



25a

Usuku:

Ithemu |



Ukubala amasokisi

Bala ngaku-2



- Mangaki amapheya amasokisi? _____
- Mangaki amasokisi ? _____
- Akhona amasokisi asele? _____



Ukubala amapheya amasokisi

Bala usho ukuthi mangaki amapheya amasokisi akhona bese usho ukuthi akhona yini asele.

Amasokisi	Inani lamapheya	Inani lamasokisi	Amasokisi asele ahamba ngalinye



Teacher:
Sign:
Date:

25b

Usuku:



Bala ngaku-2 (kuyaq hutshwa)

Ukwakha amapheya.

Bhala phansi izinombolo eziwugweje nezingelona usukele koku-1-60.

- a. Bhala phansi izinombolo ezingelona ugweje usukele koku- 1 – 60.

2, 4, 6,

- b. Bhala phansi izinombolo eziwugweje usukele koku-1 – 60.

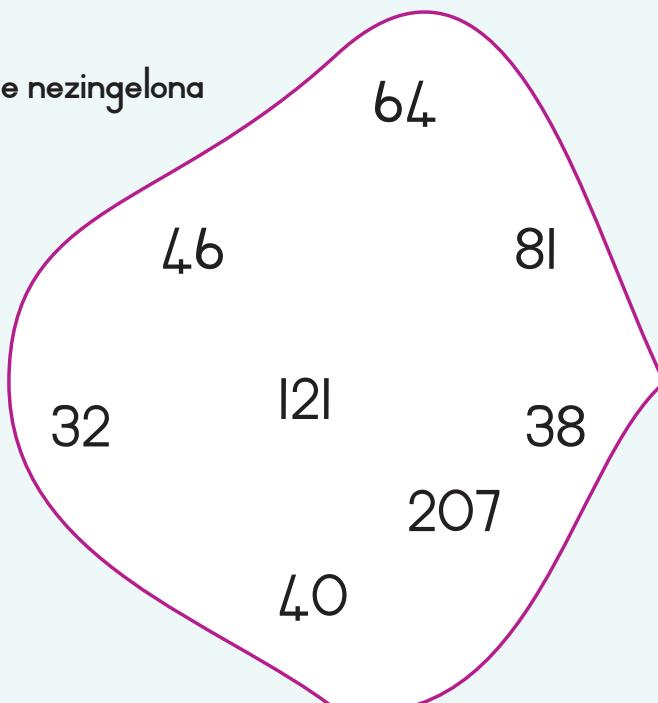
3, 5, 7,



Izinombolo eziwugweje nezingelona

Kokelezela ngesijingi
izinombolo ezingelona ugweje.

Kokelezela ngesikwele
izinombolo eziwugweje.





Qhubeka ubale ngaku-2



Isibonelo:

amasokisi ama-2 = ipheya eli-1



$$2 \times 1 = 2$$

amasokisi angama-20 = amapheya ayi-10

$$2 \times 10 = 20$$

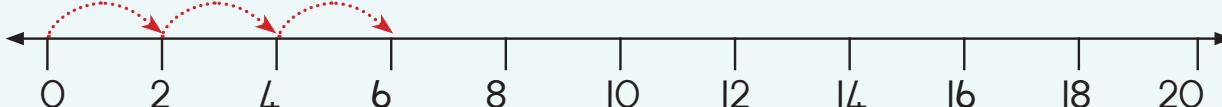
a. Bhala usho ukuthi mangaki amasokisi.

Zikhumbuze izinto ezihamba nga-2	Imisho yezinombolo
ipheya eli-1 = amasokisi ayi-2	$2 \times 1 = 2$
amapheya ama-2 = amasokisi ayi-	$2 \times 2 = \boxed{}$
amapheya ama-4 = amasokisi ayi-	
amapheya ayi-8 = amasokisi ayi-	
amapheya ayi-9 = amasokisi ayi-	

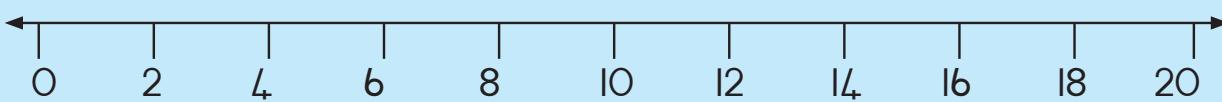
b. Khombisa isibalo emgqeni wezinombolo bese uqedela.

Isibonelo:

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



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



Teacher: _____
Sign: _____
Date: _____

26

Usuku:

Ithemu |

Imali kudala namanje

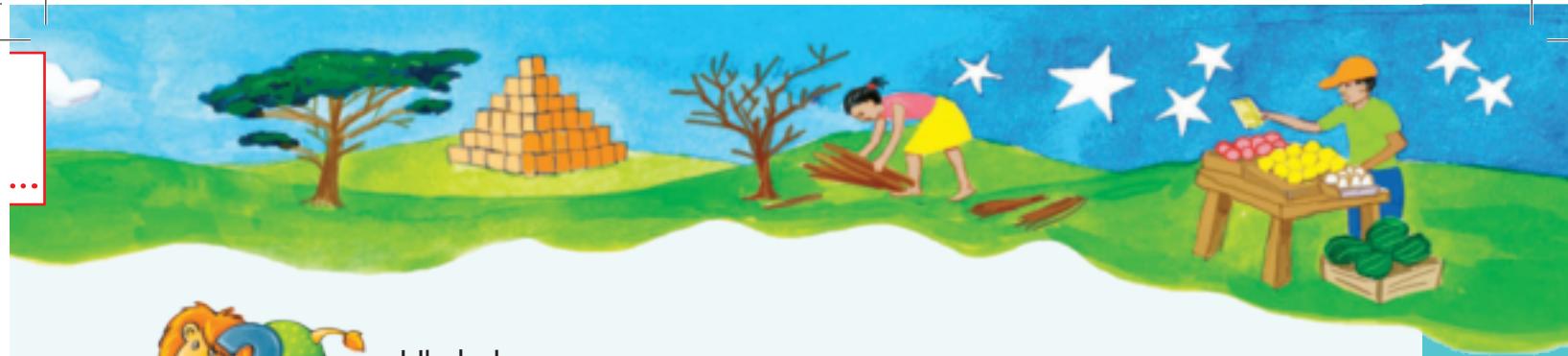


Indaba ngemali yethu

ENingizimu Afrika sisebenzisa amarandi namasenti. Saqala ukusebenzisa amarandi namasenti ngowe-1961.

Ngalezo zinsuku isenti eli-1 kwakuyilona luhlamvu lwemali olunenani elincane kunazo zonke, bese kulandela uhlamvu lwamasenti ama-2, nolwamasenti ama-5.





Ukubala amasenti

Bala amasenti.

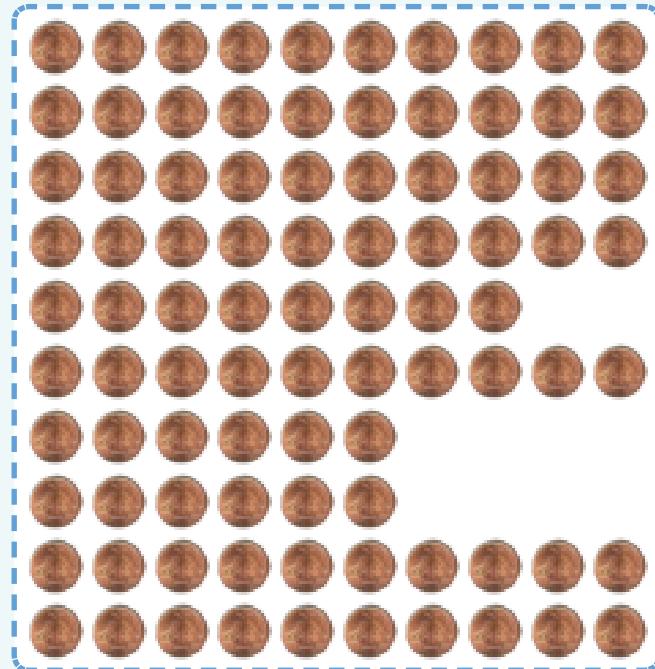
Mangaki amasenti onawo?

Udinga amangaki amasenti
ukuhlanganisa i-R1,00?

Wadwebe ebbulokhini.



Mangaki amasenti?



R1,00 =

c

R2,00 =

c

R3,00 =

c

R1,50 =

c



Ngingathenga izithelo ezingaki?

2 ubiza ama - R4,00.

2 abiza ama - R2,00.

Mngaki ubhanana ongawuthenga
ngama - R20,00?

Mangaki ama - aphula ongawathenga
ngama - R9,00?



27

Usuku:

Ithemu |

Ukubala ngaku-3



Amasondo ahamba ngama-3



Usondontathu ngamunye unamasondo a- _____.



Osondontathu aba-5 banamasondo
a- _____ esewonke.

$$3 + 3 + 3 + 3 + 3 = 5 \times 3 = \underline{\hspace{2cm}}$$

Osondontathu aba-2 banamasondo
a- _____ esewonke.

$$3 + 3 = 2 \times 3 = \underline{\hspace{2cm}}$$

Osondontathu aba-4 banamasondo
a- _____ esewonke.

Osondontathu abayi-6 banamasondo
a- _____ esewonke.

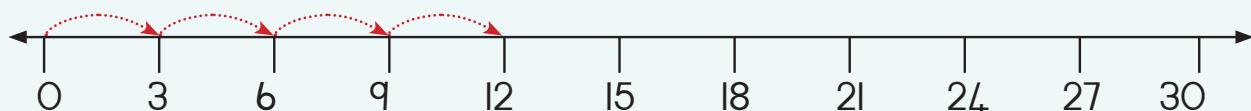
Osondontathu abayi-9 banamasondo
a- _____ esewonke.

Osondontathu abayi-8 banamasondo
a- _____ esewonke.



Imigqa yezinombolo

Buka isibonelo.



a. $3 + 3 + 3 + 3 = \boxed{\hspace{1cm}} = 4 \times 3 = \boxed{\hspace{1cm}}$



b.

$$3 + 3 + 3 + 3 + 3 = \boxed{} = \boxed{} \times \boxed{} = \boxed{}$$

c.

$$\text{---} = \boxed{} = 6 \times 3 = \boxed{}$$

d.

$$\text{---} = \boxed{} = 10 \times 3 = \boxed{}$$



Amabhayisikili kanye nosondontathu



UBusi ubala amasondo emabhayisikilini kanye nawosondontathu esitolo.
Kunamasondo ayi-14 esewonke.

Mangaki amabhayisikili? _____

Bangaki osondontathu? _____



Teacher:
Sign:
Date:

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Usuku:

Ithemu |

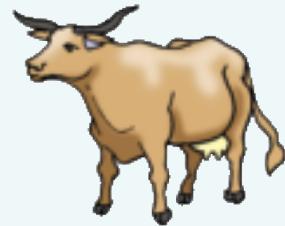
Yikuphi okuza ngaku-4?



Ukubala imilenze

Izinkomo zinemilenze emine.

Okuthile ngezinto eziza ngazi-4
 $4 + 4 = 8; 2 \times 4 = 8$

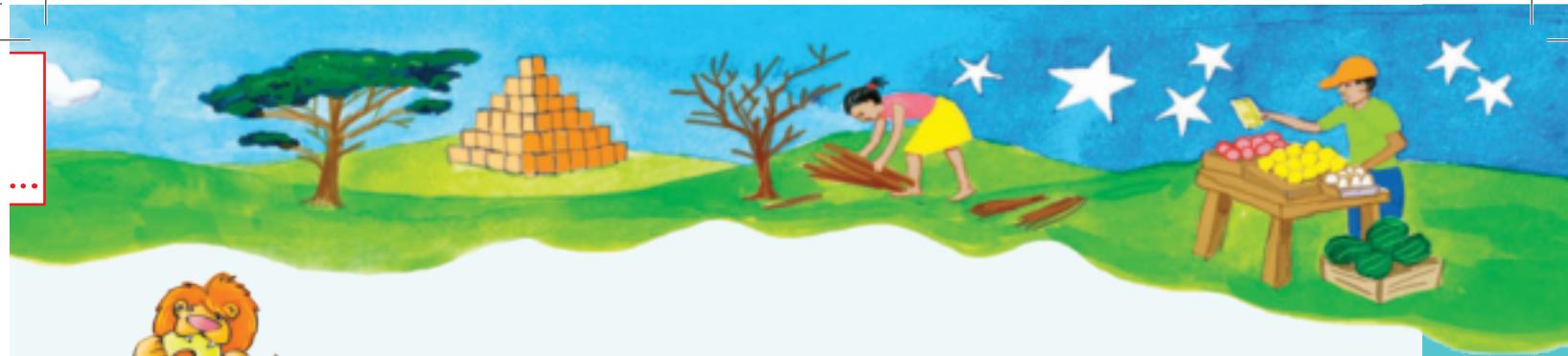


Ukubala imilenze

Hlukaniselanani izimpendulo.
 Chazani ukuthi nikwenze kanjani.

Sebenzisa amaqiniso owaziyo ngezinto ezhamba ngazi-4 bese uphendula le mibuzo.

inkomo e-1 imilenze e- <input type="text" value="4"/>	izinkomo ezi-2 imilenze e- <input type="text" value="8"/>
izinkomo ezi-3 imilenze e- <input type="text"/>	izinkomo ezi-4 imilenze e- <input type="text"/>
izinkomo ezi-5 imilenze e- <input type="text"/>	izinkomo ezi-6 imilenze e- <input type="text"/>
izinkomo ezi-7 imilenze e- <input type="text"/>	izinkomo ezi-8 imilenze e- <input type="text"/>
izinkomo ezi-9 imilenze e- <input type="text"/>	izinkomo ezi-10 imilenze e- <input type="text"/>



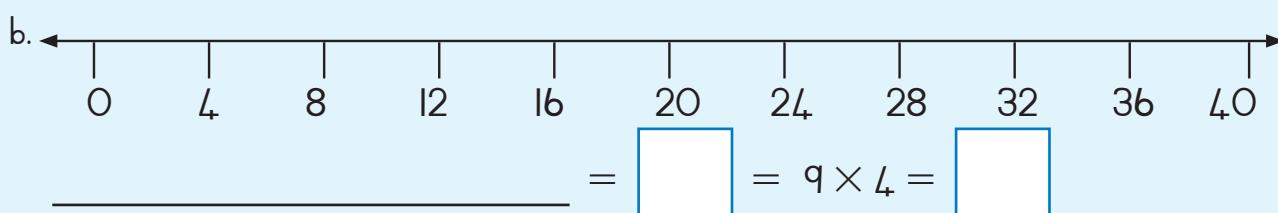
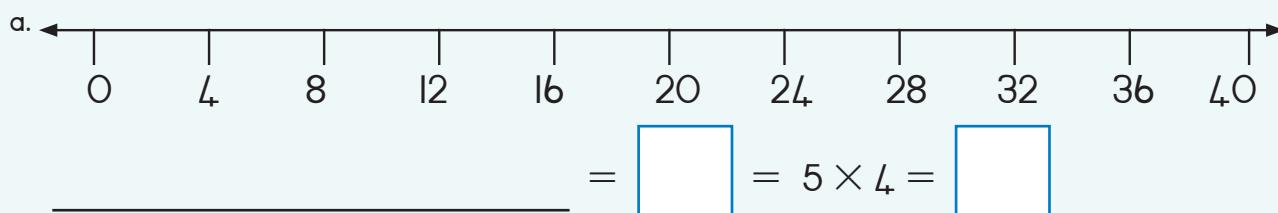
Qedela leli thebhula elingezansi. Sebenzisa isibonelo.

Izinkomo ezi - 3 zinemilenze eyi - _____.	$4 + 4 + 4 = 3 \times 4 =$ <u>12</u>
Izinkomo ezi - 5 zinemilenze engama - _____.	
Izinkomo ezi - 4 zinemilenze eyi - _____.	
Izinkomo ezi - 7 zinemilenze engama - _____.	
Izinkomo ezi - 8 zinemilenze engama - _____.	



Imigqa yezinombolo

Khombisa isibalo sokuphindaphinda emgqeni wezinombolo bese uwuqedela.



29

Usuku:

Ithemu |



Amaphethini egridi

Zakha liphi iphethini iziyungi ezivela kugridi ye -100 ngayinye?

Dweba ezinye iziyungi ukuqedela iphethini ngalinye.

Bhala igama lephethini ngalinye.

a. Iphethini: _____

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

b. Iphethini: _____

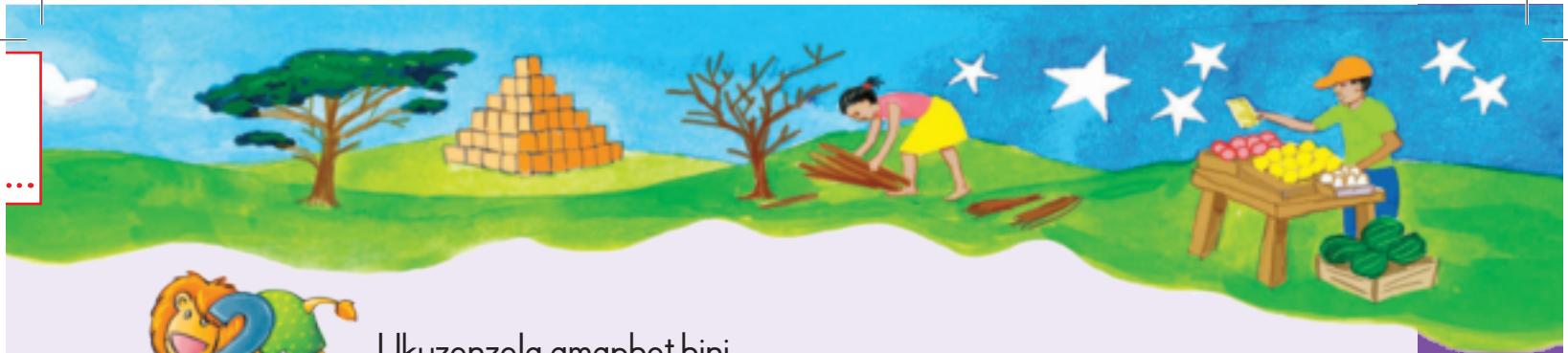
○		○		○		○		○	
○		○		○		○		○	
○		○		○		○		○	
○		○		○		○		○	
○		○		○		○		○	
○		○		○		○		○	
○		○		○		○		○	

c. Iphethini: _____

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

d. Iphethini: _____

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

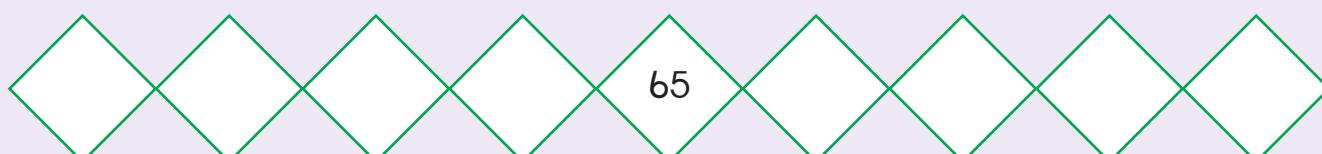


Ukuzenzela amaphethini

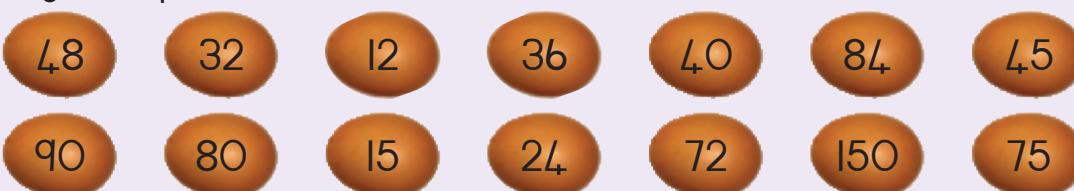
- a. Kuleli phethini lezinombolo, izinombolo zakhona azilona ugweje. Yiziphi izinombolo ezingekho? Zibhale.



- b. Kuleli phethini lezinombolo, izinombolo ziwigweje zonke. Yiziphi izinombolo ezingekho? Zibhale.



Zingena kuphi lezi zinombolo?



Iphethini lezinombolo ezibala ngaku-3 nangaku-4.

isb: 48

Iphethini lezinombolo ezibala ngaku-3 nangaku-5.

Iphethini lezinombolo ezibala ngaku-4 nangaku-5.



Olwandle

UThembu uqoqe amagobolondo ahamba nga-60
nanga-70 olwandle. Uma ewabala ngama-3, usala neli-1.

Inombolo okungahle kube yiyo: ngama-61, ___, ___, ama-
70. Uma ebala ngaku-5, usala noku-4. Izinombolo yilezi: ___,
___. UThembu unamagobolondo amangaki? _____.



Teacher:
Sign:
Date:

30a

Usuku:

Ithemu |

Ukuhlukanisa



Hlukanisa amaswidi:



- a. Hlukanisela abantwana ababili amaswidi angama - 30.



Sikubhala kanje:

$$30 \div 2 = 15$$

- b. Hlukanisela abantwana aba - 3 amaswidi.



$$\div =$$

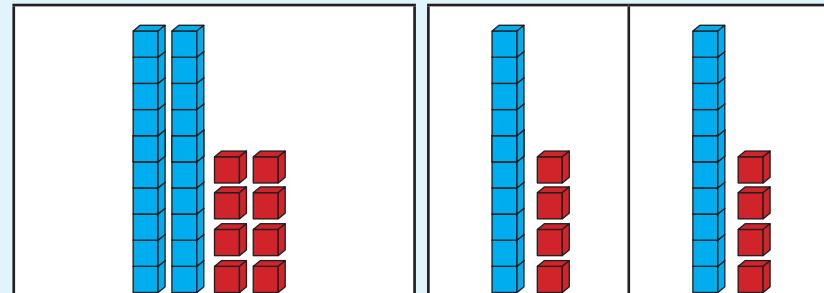
- c. Hlukanisela abantwana aba - 5 amaswidi.



$$\div =$$



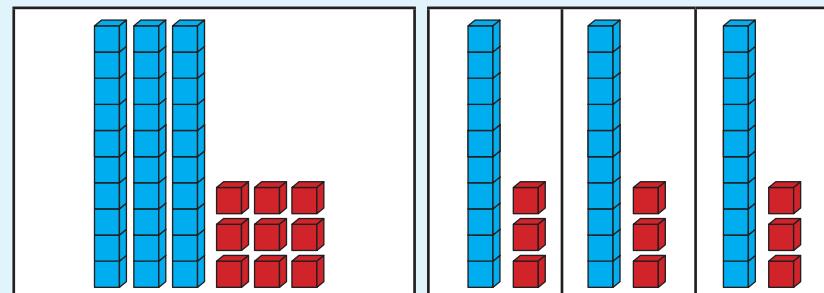
Singawasebenzisa amabhlukhi ezinombolo uma sihlukanisa.



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

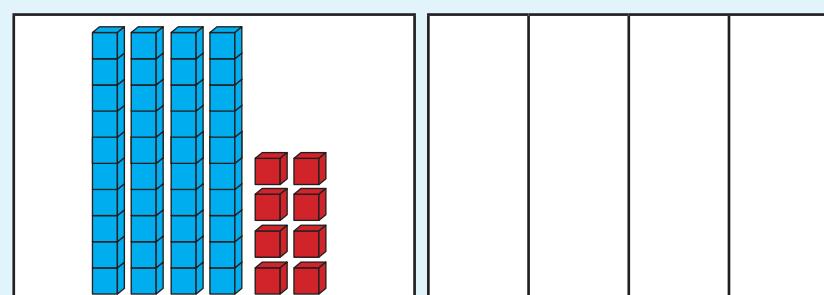
Yenza lezi.

a.



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

b.



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



Teacher:
Sign:
Date:

30b

Usuku:

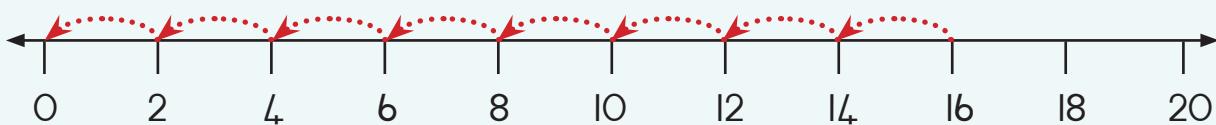
Ithemu |



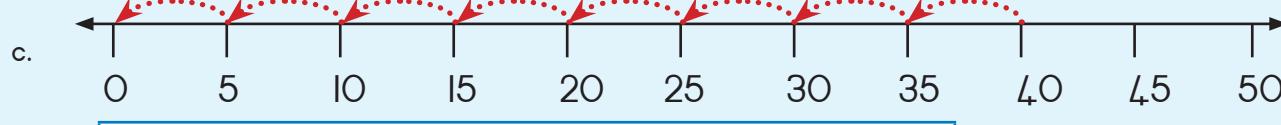
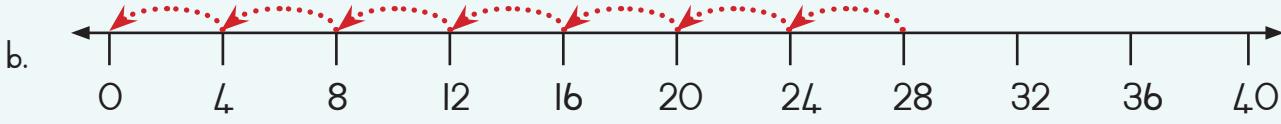
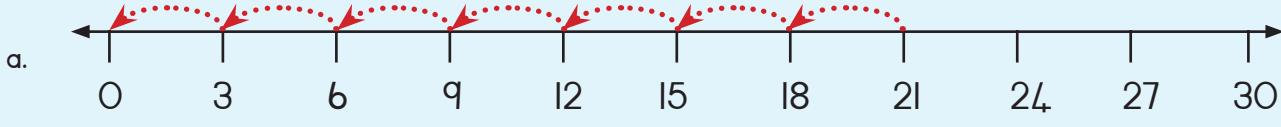
Ukuhlukanisa (kuyaqhutshwa)

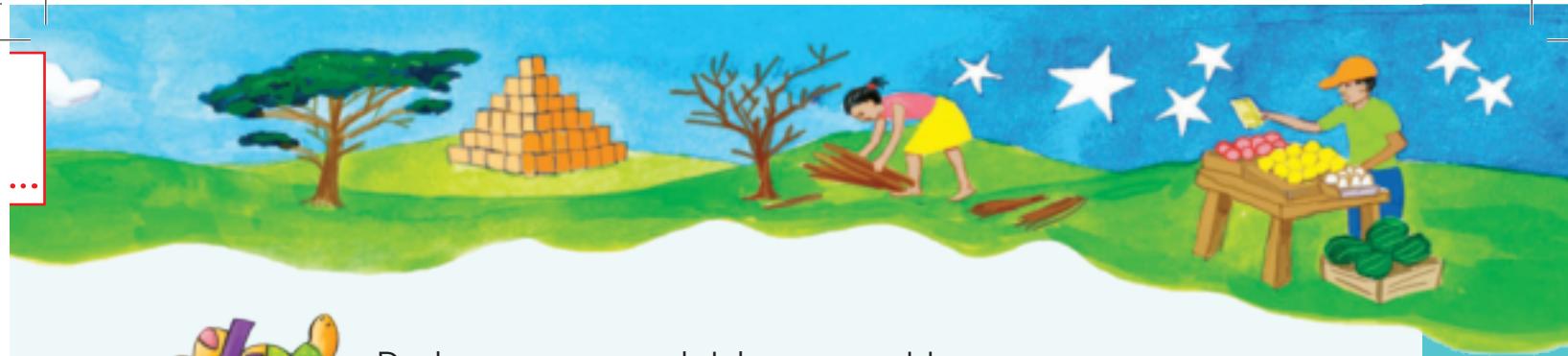
Sebenzisa imigqa yezinombolo ukubhala isibalo sokususa nesokuhlukanisa ngemisho yezinombolo.

Isibonelo:



$$16 \div 2 = 8$$





Dweba umugqa wezinombolo bese uwuxazulula.

a. $30 \div 5 =$



b. $22 \div 2 =$



c. $27 \div 3 =$



d. $32 \div 4 =$



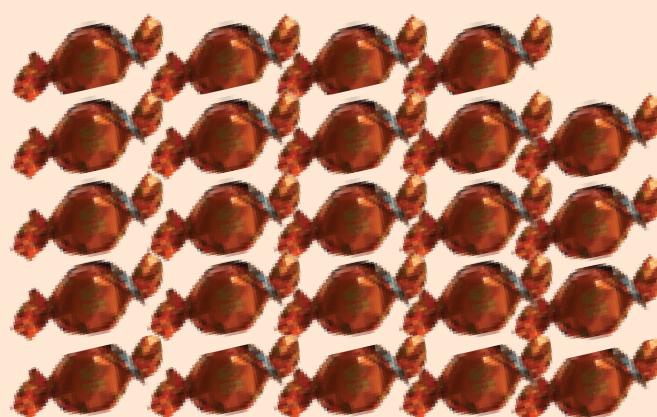
e. $25 \div 5 =$



Inselele

Hlukanisela amaqoqo ahlukena ezingane amaswidi angama - 24 ngokulinganayo, ukukhombise lokho ngezindlela ezahlukene.

Bhala imisho yezinombolo ukukhombisa impendulo.



Teacher:
Sign:
Date:

3I

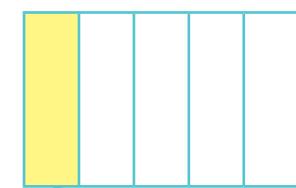
Usuku:

Ithemu |

Amaqhezu

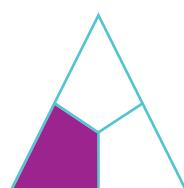


Dweba umugqa uqondanise isimo neqhezu.



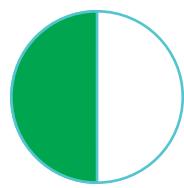
Okukodwa
kokuthathu

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



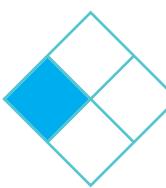
Okukodwa
kokuhlanu

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



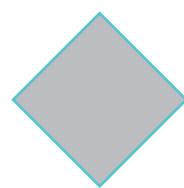
Ikota

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



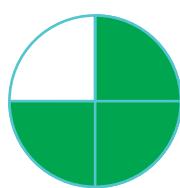
Uhhafu

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



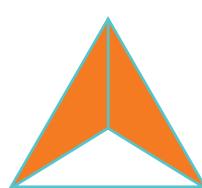
Amakota
amathathu

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



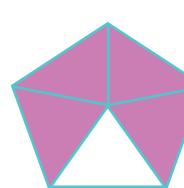
Okune
kokuhlanu

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



Okuphelele

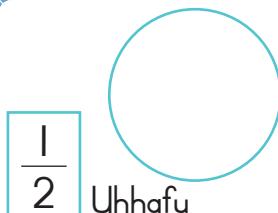
$$1$$



Okubili
kokuthathu

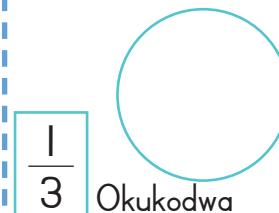
$$\frac{2}{3}$$

Hlukanisa isimo bese ufaka umbala ukukhombisa iqhezu.



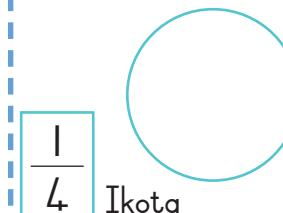
$$\frac{1}{2}$$

Uhhafu



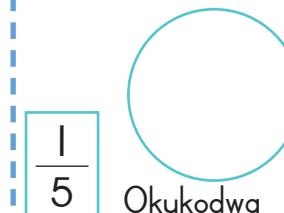
$$\frac{1}{3}$$

Okukodwa
kokuthathu



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

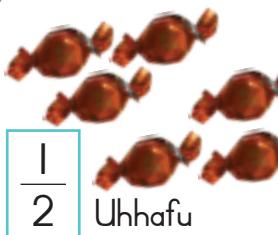
Ikota



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

Okukodwa
kokuhlanu

Khombisa iqhezu ngokudweba umugqa ukokelezele inani elifanele lamaswidi:



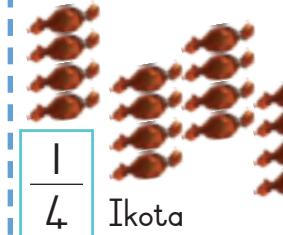
$$\frac{1}{2}$$

Uhhafu



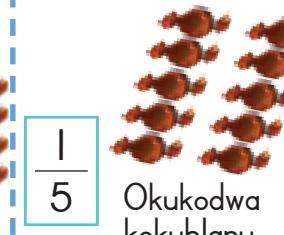
$$\frac{1}{3}$$

Okukodwa
kokuthathu



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

Ikota

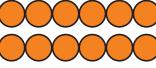


$$\frac{1}{5}$$

Okukodwa
kokuhlanu

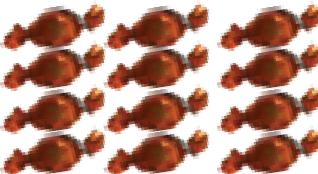
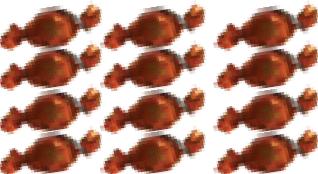


Hlukanisela abantwana ababili izibali.

 <table border="1"> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>					 <table border="1"> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>					 <table border="1"> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>					 <table border="1"> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>				
<ul style="list-style-type: none"> Sithole izibali ezi-<u>2</u> umuntu ngamunye. Iqhezu eliwuhhafu wezibali ezi-4 yizibali ezi-2. 	<ul style="list-style-type: none"> Sithole izibali ezi-_____ umuntu ngamunye. Iqhezu eli-_____ lezibali ezi-_____ yizibali ezi-_____. 	<ul style="list-style-type: none"> Sithole izibali ezi-_____ umuntu ngamunye. Iqhezu eli-_____ lezibali ezi-_____ yizibali ezi-_____. 	<ul style="list-style-type: none"> Sithole izibali ezi-_____ umuntu ngamunye. Iqhezu eli-_____ lezibali ezi-_____ yizibali ezi-_____. 																



Hlukanisela abantwana amaswidi.

 <table border="1"> <tr> <td></td><td></td><td></td><td></td></tr> <tr> <td> </td><td> </td><td> </td><td> </td></tr> </table>									 <table border="1"> <tr> <td></td><td></td><td></td></tr> <tr> <td> </td><td> </td><td> </td></tr> </table>						
<ul style="list-style-type: none"> Ikota lamaswidi = 3 Amakota amabili = _____ Amakota amathathu amaswidi = _____ Amakota amane amaswidi = _____ 	<ul style="list-style-type: none"> Okukodwa kokuthathu kwamaswidi = _____ Okubili kokuthathu kwamaswidi = _____ Okuthathu kokuthathu kwamaswidi = _____ 														



32



Usuku:

Ithemu |



Funda iwashi

Singabhalala isikhathi esifanayo ngezindlela ezahlukene.

<p>2:15 Iyishumi nanhlanu lishayile elesi-2</p>	<p>5:30 Ligamenxe elesihlanu</p>	<p>9:45 Iyishumi nanhlanu ngaphambi kwele-10</p>

Bhala lezi zikhathi ngezindlela ezi-2 ezahlukene.

_____	_____	_____

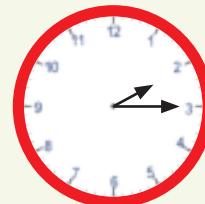
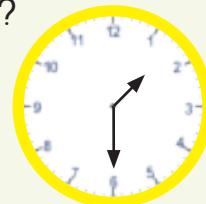


Ukuya ekhaya

Uthatha isikhathi esingakanani uBebe ukufika ekhaya?

imizuzu

amahora



UBebe uyasuka esikoleni. UBebe uyafika ekhaya.



Isikhathi siyagijima

Isikhathi uma ubala
nga-2...



Mingaki imizuzu emahorenii ama-2? _____

Mangaki amahora ezinsukwini ezi-2? _____

Zingaki izinsuku emasontweni ama-2? _____

Zingaki izinyanga eminyakeni emi-2? _____



Zingaki izinsuku?

Mhla zingama-27 kuMbaso – uSuku LweNkululeko.

UMbaso						
M	L	L	L	L	M	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					

UNhlaba						
M	L	L	L	L	M	S
					1	2
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		

UNhlanguana						
M	L	L	L	L	M	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

Mhla ziyo-16 kuNhlangulana uSuku LweNtsha.

a. Kusukela ngoSuku LweNkululeko kuya oSukwini LweNtsha kunezinyanga ezi - _____
ezigcwele, namasonto ama - _____ agcwele kanye nezinsuku ezi - _____.

b. Mangaki amasonto aphelele? _____ Zingaki izinsuku ezisele? _____.

Zingaki izinsuku sezizonke? _____.

c. Usuku lukaLebu lokuzalwa lungaphambili ngezinsuku
eziyisi - 7 oSukwini LweNkululeko. OlukaMusa lusemuva
ngezinsuku ezimbili koLweNtsha.

Ngubani omdala? _____ Mdala ngezinsuku ezingaki? _____

Hlola. Qhathanisa.
Lungisa.



11 12 13 14 15 16 17 18 19 20

33



Usuku:

Siphokophele ema-200



Ukubala izinombolo



Bala bese usho zonke izinombolo kusukela e-101 uye ema-200. Khomba izinombolo ngenkathi ubala.



I01	I02						
III							
I21							
I31							
							I49
		I54					
				I65			
		I73					I80
I81				I86			
			I98				200



Ukubhala izinombolo

- a. Bhala izinombolo ezingekho ezikweleni eziluhlaza.
 - b. Bhala izinombolo ezisele.
 - c. Bhala izinombolo ezili-10 eziza emva kwama-200.

200; ; ; ; ; ; ; ; ; ; ;



Bhala izinombolo ezingekho



a.

200		180			

					110
50					

					0

b.

87		107		
167				
			207	
				237



Qedela

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

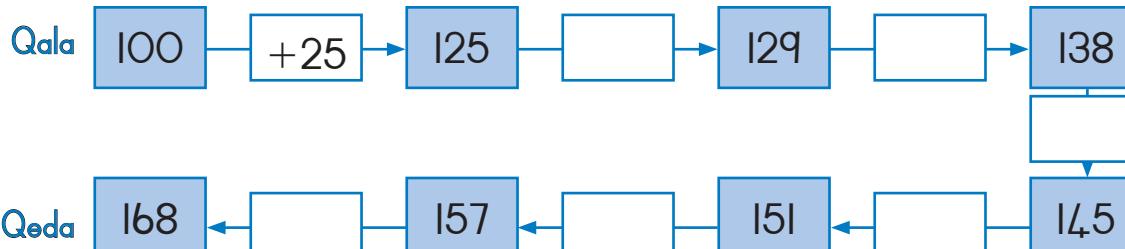
Bhala izinombolo ngokulandelana kwazo.

Mazilandelane zisukele kwencane kunazo zonke ziye kwenkulu kunazo zonke.



Qhubeka ubale usuke e -100

Udingani ukufinyelela enombolweni elandelayo?



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

34

Usuku:

Ithemu 2



Ukusebenza ngamaqoqo ezinombolo

Ukupakisha amakhandlela

UMama wakwaNkosi usebenza embonini yamakhandlela. Uma amakhandlela eselungiswe kahle uwapakisha emashalofini awo.



Mangaki amakhandlela asebhokisini ngalinye? _____

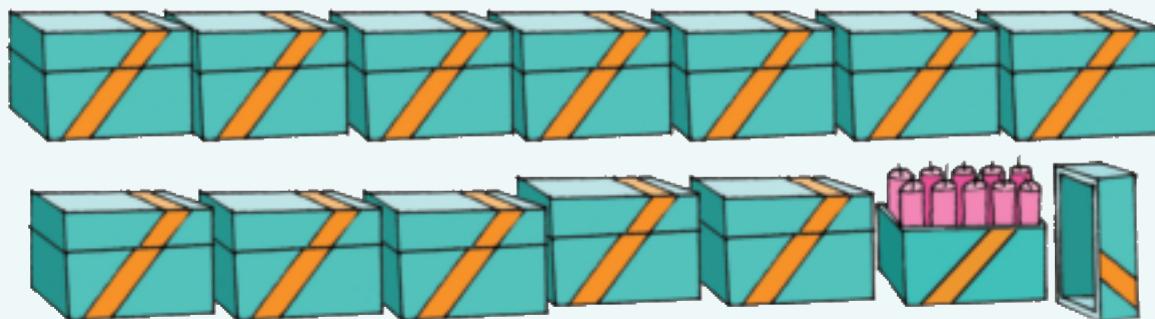
Mangaki amabhokisi aseshalofini ngalinye? _____

Mangaki amakhandlela eshalofini ngalinye? _____



Amabhokisi amakhandlela

Umama wakwaNkosi uyawavala amabhokisi.



- a. Bala amabhokisi esewonke.

Mangaki amabhokisi? _____

Mangaki amakhandlela esewonke? _____

Udinga ukuba namabhokisi amangaki azokwenela amakhandlela angama-200? _____

- b. Mangaki amakhandlela:

emabhokisini ama-2? _____	emabhokisini ama-4? _____
emabhokisini ama-5? _____	emabhokisini ama-3? _____
emabhokisini ayi-6? _____	emabhokisini ayi-7? _____

- c. Udinga amabhokisi amangaki ngalokhu?

a-40, amabhokisi a- _____	a-70, amabhokisi a- _____
a-50, amabhokisi a- _____	a-30, amabhokisi a- _____



35a

Usuku:

Ithemu 2



Ukubeka amashumi ndawonye kanye nokuwehlukanisa

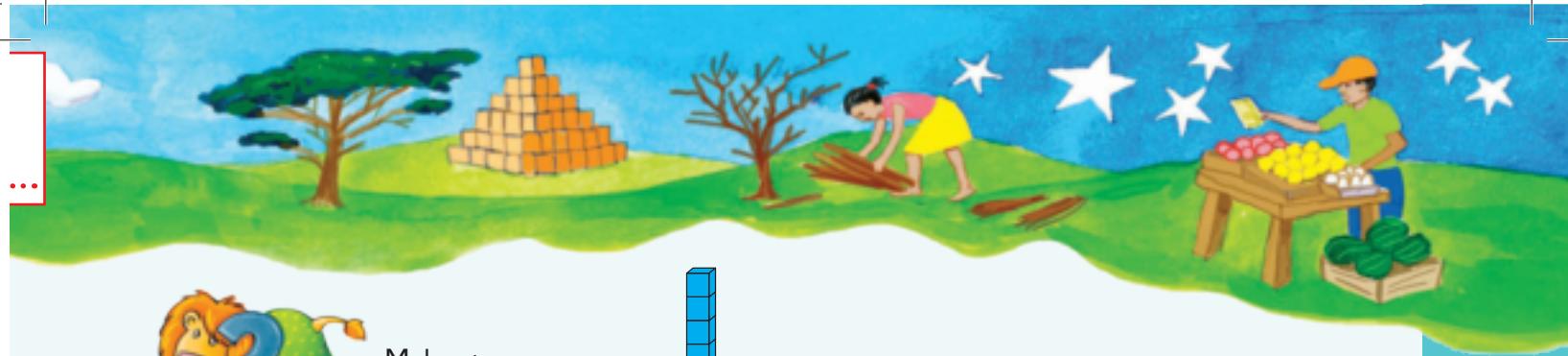
Ukubeka amashumi ndawonye uma uhlanganisa

Masihlanganise $56 + 73 =$	
amashumi ama-5 nemivo eyi-6	amashumi ayi-7 nemivo emi-3

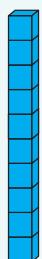
ama-100	ama-10	imivo

Sekukonke sinamashumi ayi-12.
Singawabeka ama-10 ayishumi ndawonye ukwenza i-100.

--	--	--



Make sizame.



$$= \square \quad \text{ne} - \blacksquare = \circ$$

$$\text{Isibonelo: } 82 + 34$$



$$100 + 20 + 6 = 126$$

b. $65 + 52$

c. $76 + 63$

d. $86 + 65$



35b

Usuku:



Ukubeka amashumi ndawonye

kanye nokuwehlukanisa (kuyaqhutshwa)

Ithemu 2



Ukubeka amaqoqo ndawonye

Sebenzisa amabhokisi amandla enombolo.

Sebenzisa amabhulokhi amashumi ukwenza lezi zinombolo ezimbili.	Sekukonke mangaki amashumi? Mingaki imivo?	Wenzeni yaba ngamaqoqo, amashumi noma imivo? Thola amandla enombolo lapho wenze iqoqo kabusha khona.	Bhala inombolo
$23 + 99 =$	_____ amashumi _____ imivo	$11 \text{ amashumi} + 12 \text{ imivo}$ $= 110 + 12$	122
$38 + 25 =$	_____ amashumi _____ imivo		
$77 + 31 =$	_____ amashumi _____ imivo		
$68 + 45 =$	_____ amashumi _____ imivo		
$83 + 47 =$	_____ amashumi _____ imivo		



Ukubeka amashumi eceleni uma senza isibalo sokususa

Uma sisusa, siyaye sdinge ukukhombisa ishumi elilodwa sithi yimivo eyishumi, kumbe ikhulu elilodwa ngokuthi amashumi ayi-10.

Make sisuse: $60 - 55 =$

Siqala ngamashumi ayi-6 nomuvo ongekho. Sifuna ukususa amashumi amahlanu nemivo emihlanu. (Sifaka umbala ompunga kuleyo mivo esiyisusayo.)

Sikhombisa amashumi ayisi-6 kanje.	Noma amashumi ama-5 nemivo eyi-10.	Susa amashumi ama-5 nemivo emi-5. Kusala imivo emihlanu.	
		$60 - 55 = 5$	



Make sizame.

a. $70 - 28$

Amashumi ayi-7	amashumi ayi-6 nemivo eyi-10	$70 - 28 =$	

b. $90 - 46$

c. $80 - 53$



Ukuthola amaphoya ezinombolo.

a.

200	
30	

b.

200	
70	

c.

200	
	105

d.

200	
85	



Teacher:

Sign:

Date:

36

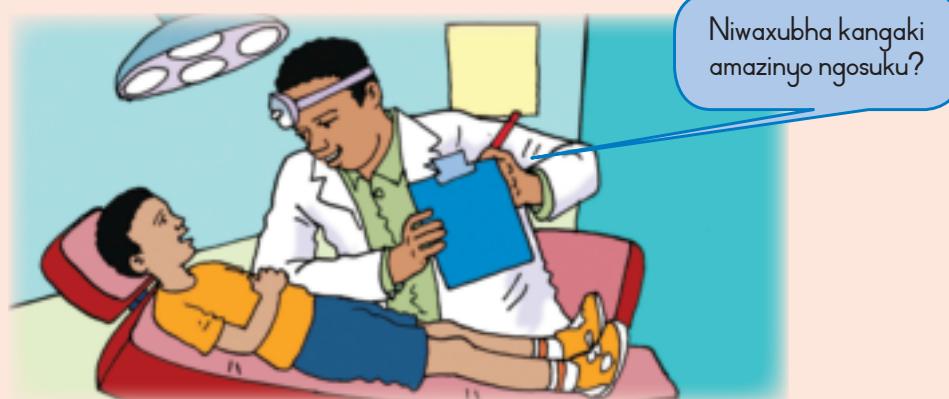
Usuku:

Ithemu 2



Sivakashela udukotela wamazinyo

Iqenjana labantwana livakashele udukotela wamazinyo.



Nazi izimpendulo zabantwana.

= I kanye

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

- a. Bala okufakwe uphawu (✓) ukhombise ukuthi abantwana bawageza kangaki amazinyo. Bhala izinombolo.

 Kanye ngosuku	
 Kabili ngosuku	
 Kathathu ngosuku	

- b. Ubonani kuleli thebhula?

Abantwana abanigi baxubha amazinyo ka- _____ ngosuku.

Abantwana abancane baxubha amazinyo ka- _____ ngosuku.

1 2 3 4 5 6 7 8 9 10



Dweba igrafu yezithombe ukukhombisa ukuthi abantwana bawaxubha kangaki amazinyo ngosuku.



= Kanye ngosuku



Yenza inhlolovo eklasini. Buza abantwana abayi -15–20:

- Babuze ukuthi bawaxubha kangaki amazinyo ngosuku. _____
- Dweba igrafu yezithombe efana nale engenhla ukhombise izinto ozitholile.



37a

Usuku:

Ithemu 2



Ukubhala isibalo sakho

UBusi uhlanganisa imivo namashumi bese akha amaqoqo kabusha, bese esusa ephepheni ngaphandle kwamabhulokhi. Ngesinye isikhathi uyathanda ukuqala ngamakhadi ezinombolo ukukhombisa izinombolo zakhe.

Uthola la makhadi uma elungiselala izinombolo $56 + 73$:

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

Uhlanganisa imivo abeke ikhadi lokuyi - q.

Uyazi ukuthi: $50 + 70 = 120$.

Usebenzisa ikhadi lamakhulu, lama-20 nele - q ukwenza inombolo enamadijithi ama -3.

Hlanganisa uxube



Lokhu ukubhala kanje:

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

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

UDumi uyazi ukuthi amabhulokhi asebenza kanjani: Wenza ama - $56 + 73$ kanje:

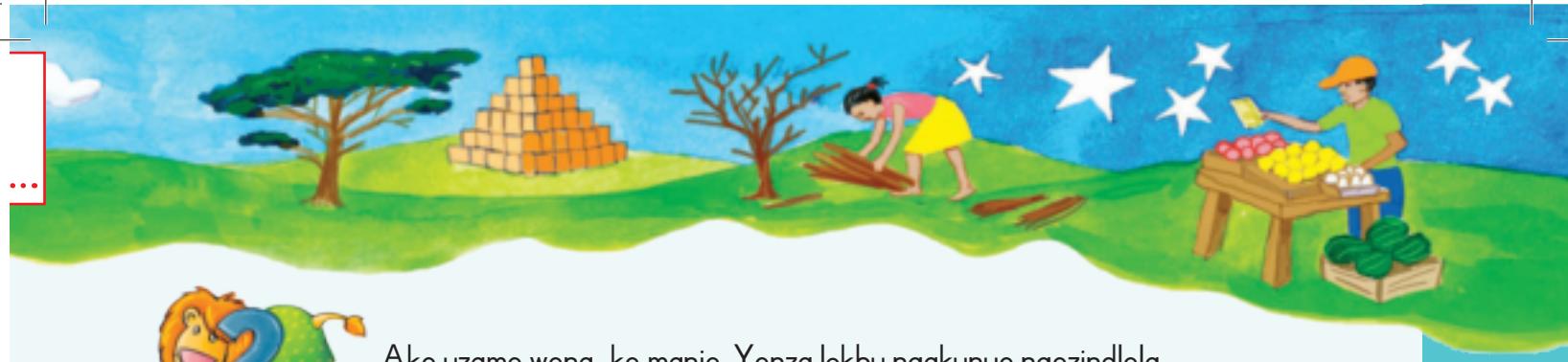
$$\begin{aligned} 50 + 6 + 70 + 3 \\ \cancel{+ 20} \\ = 129 \end{aligned}$$



U-Aakar uyathanda ukusondezelā. Ukwenza kanje:

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





Ake uzame wena-ke manje. Yenza lokhu ngakunye ngezindlela ezimbili.

a. $86 + 62$

Indlela kaBusi

$$80 + 60 + 6 + 2$$



Indlela kaDumi

$$\cancel{80} + \cancel{6} + \cancel{60} + 2$$



b. $72 + 63$

c. $81 + 57$

d. $69 + 71$

Sebenzisa indlela ka-Aakar ukwenza lesi.



37b

Usuku:

Ithemu 2



Hlanganisa uxube (kuyaqhutshwa)

Make sisuse manje.

a. $87 - 53$

Indlela kaBusi

$$80 - 50 + 7 - 3$$

$$= 30 + 4$$

$$= 34$$



Indlela kaDumi

$$80 + 7 - 50 + 3$$

$$= 30 + 4$$

$$= 34$$



b. $95 - 73$

c. $86 - 62$

d. $85 - 69$



Xazulula!

Ziningi izindlela zokuhlanganisa **imivo** na**mashumi** ndawonye. Khetha indlela oyithandayo noyazi kangcono ukuxazulula lezi zinkinga. Khombisa umsebenzi owenzile.

- a. UPhiwe ucosha amapetshisi angama-34, uphinda uthola angama-67.

Mangaki amapetshisi esewonke?



- b. Abantwana bakwa Malusi bonge imali engama-R47 ngokuhlanganyela. Unina wabapha amanye ama-R58. Banamalini seyiyonke manje?



- c. Isikole sihamba ngebhasi ama -88 km ekuseni, nama - 73 km ntambama. Mangaki ama -km ahanjwa isikole ngebhasi ngosuku?



Teacher:
Sign:
Date:

38

Usuku:

Ithemu 2



Izivalo zamabhodlela

Xazulula!

Sebenzisa noma iyiphi indlela oyithandayo.
Khombisa ukuthi ukwenze kanjani.



USipho



U-Andile

USipho ubala aze afike ema-87 ngezivalo zamabhodlela. U-Andile ubala afike ema-38.

USipho udlula u-Andile ngezivalo ezingaki zamabhodlela?



Ikhonsathi lesikole



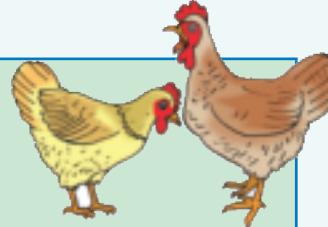
UMusa



UMusa uthengisa amathikithi. Ubephetho angama-92 ekuqaleni. Usesele nangama-67. Uthengise amangaki empeleni uMusa okwamanje?



Siyaqhubeka nokuzejwayeza



Kukhona izinkukhu ezingama - 69 enkanjini, nezingama - 95 kwenye inkambu. Zingaki izinkukhu sezizonke? Funda ukuthi uGugu no - Aakar basenza kanjani lesi sibalo.

Indlela kaGugu

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



Indlela ka - Aakar

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

Ngisuse oku - I.
Uyazi ukuthi
kungasizathu sini?



- a. Abafana banikwe ama - R96 ngohambo lwasikole. Amantombazana ama - R79. Malini seyiyonke?

Sebenzisa indlela kaGugu

Sebenzisa indlela ka - Aakar

- b. Isikole siqoqe ama - kg angama - 76 amakani. Esinye sithole ama - 68 kg amakani. Mangaki amakani alezi zikole zombili esewonke?

Sebenzisa indlela kaGugu

Sebenzisa indlela ka - Aakar



39

Usuku:

Ithemu 2

Ukubala nokwenza isibalo



Ukuthola ingxenye.

Bhala izinombolo ezingekho.

a.

100	
	27

b.

100	
39	

c.

100	
43	

d.

100	
56	

e.

200	
140	

f.

200	
	110

g.

200	
135	

h.

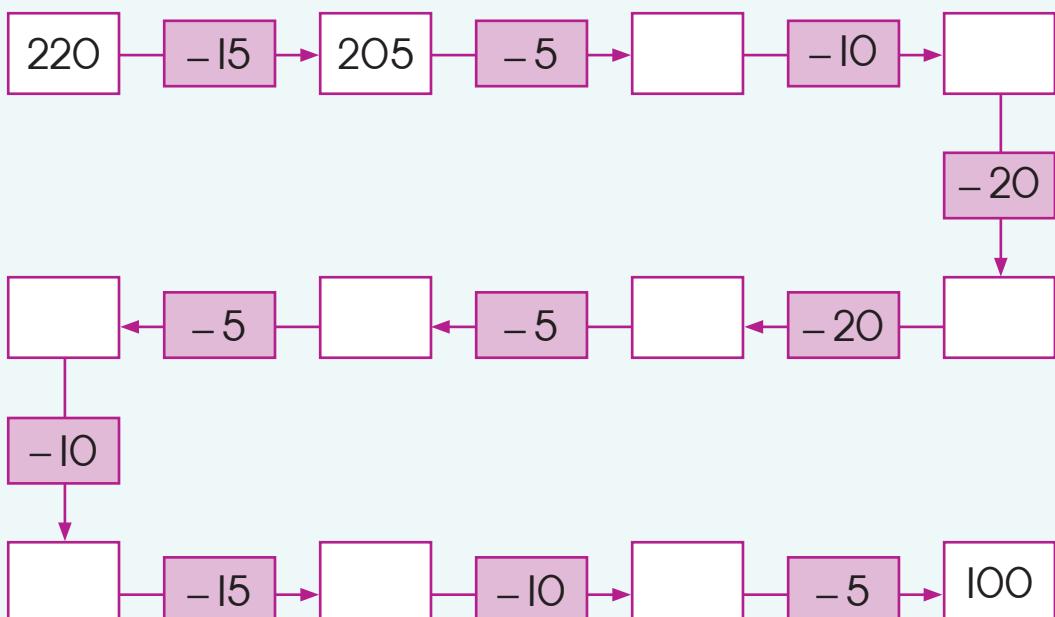
200	
	120



Ukususa ema-220 kuhlehlala e-100

Yibe lokhu ususa izinombolo ezisebhokisini eliphinki.

Sikwenzele okokuqala.



Nansi
indlela
yokuhlolola
izimpendulo.

Qala e-100.

Phindela
ema-220.

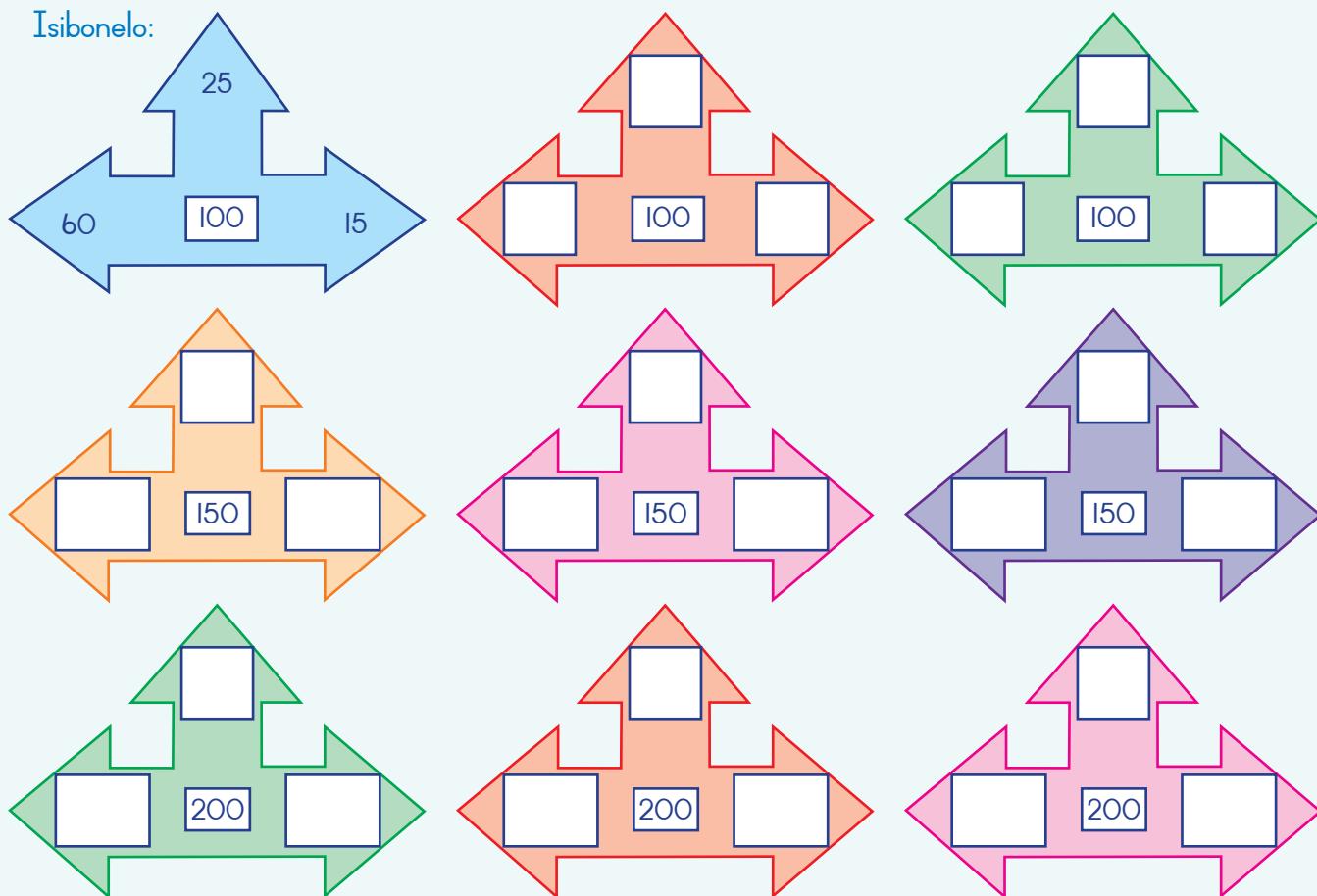
Manje,
hlanganisa
izinombolo.



Imindeni yokuthathu

Thola izinombolo ezi-3 ozihlanganisa zize zifinyelele enombolweni oyiphokophele.
Umthetho: Yinye inombolo engaphelela e-O.

Isibonelo:



Ukuhlanganisa ama-50 nokususa ama-50

Bhala izimpendulo emugqeni wesibili.

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



40

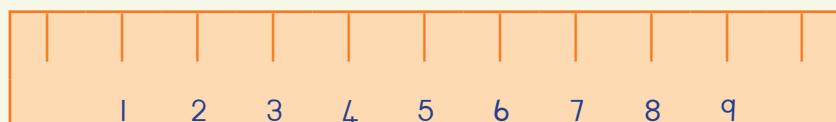
Usuku:

Ithemu 2

Uukala ngamasentimitha



Lide kangakanani isentimitha?



Izinombolo eruleni zimele amasentimitha. Sifinyeza isentimitha sithi cm.

Uma usebenzisa irula kumele uqale ukukala ezengeni lika-O.

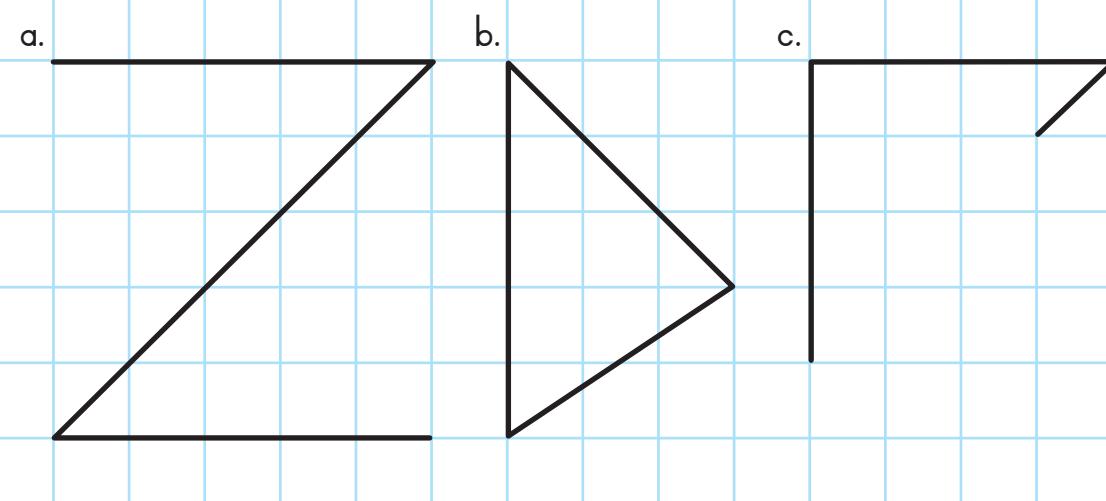
Amanye amarula awalivezi izenga lika-O, enza njengaleli elikuleli khasi.

Thola u-O cm eruleni. Beka iphrestiki lapho ucabanga ukuthi u-O ukhona.

Ukuphi u-10 cm eruleni? Bhala 10 khona lapho.



Linganisela, bese ukala ngokunembayo ngerula, isamba sobude bale migqa ngama-cm.



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

1 2 3 4 5 6 7 8 9 10



Mude kangakanani umugqa ngamunye?

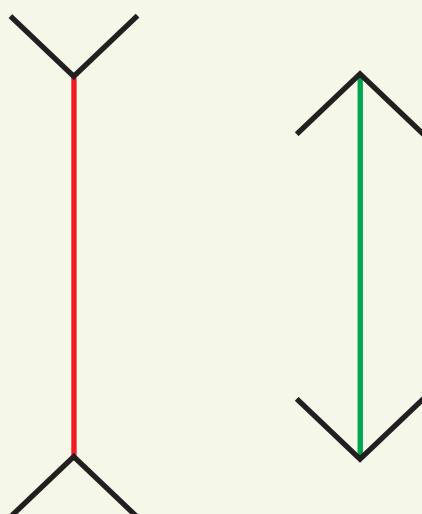
Umugqa ngamunye kungabe mude ngama-cm amangaki?

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



Uqinisekile?

Yikuphi okude kunokunye? Kungabe wumugqa obomvu noma oluahlaza satshani?
Uzokuthola kanjani lokho?



Yile nto esiyibiza ngokukhohliseka kwamehlo.
Kwenzeka uma amehlo akho kuba sengathi abona
into engekho lapha. Le migqa iyalingana ngobude.
Lo obomvu umugqa mude ngokulinganayo nalona
oluahlaza. Ukukhomba ngaphakathi komcibisholo kwenza
umugqa obomvu ubukeke umfushane. Imigqa emnyama
ngokukhomba kwayo ngaphandle kwenza umugqa
obomvu ubukeke umude, bese kuthi imigqa emnyama
ekhomba ngaphakathi kwenze umugqa oluahlaza ubukeke
umfushane.



41



Usuku:

Ithemu 2

Siphokophele ema-300



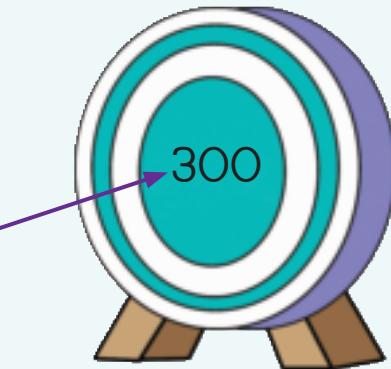
Ukubala nokubhala ama-200

Bala usukele ema-201 uye ema-300.

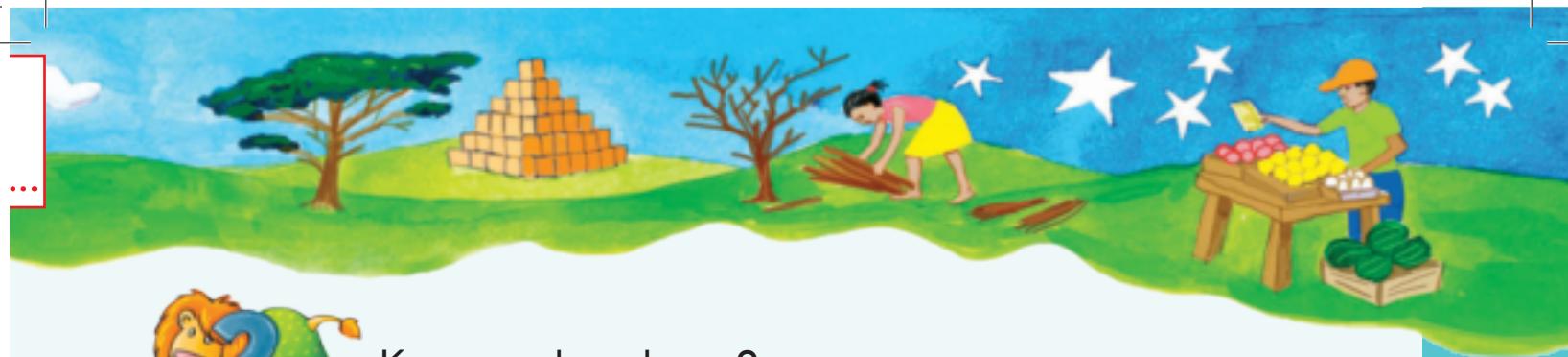
Khomba ngenkathi ubala.

Gcwalisa izinombolo eziluhlaza sasibhakabhaka kuqala.

Bhala zonke ezinye izinombolo.



201					207			210
211						215		
221						225		
231			235				241	
							249	
		251	254	257				
				261				
						271	273	275
281				285			287	289
							291	293
							297	299
							301	303
							305	307
							309	311
							313	315
							317	319
							321	323
							325	327
							329	331
							333	335
							337	339
							341	343
							345	347
							349	351
							353	355
							357	359
							361	363
							365	367
							369	371
							373	375
							377	379
							381	383
							385	387
							389	391
							393	395
							397	399
							401	403
							405	407
							409	411
							413	415
							417	419
							421	423
							425	427
							429	431
							433	435
							437	439
							441	443
							445	447
							449	451
							453	455
							457	459
							461	463
							465	467
							469	471
							473	475
							477	479
							481	483
							485	487
							489	491
							493	495
							497	499
							501	503
							505	507
							509	511
							513	515
							517	519
							521	523
							525	527
							529	531
							533	535
							537	539
							541	543
							545	547
							549	551
							553	555
							557	559
							561	563
							565	567
							569	571
							573	575
							577	579
							581	583
							585	587
							589	591
							593	595
							597	599
							601	603
							605	607
							609	611
							613	615
							617	619
							621	623
							625	627
							629	631
							633	635
							637	639
							641	643
							645	647
							649	651
							653	655
							657	659
							661	663
							665	667
							669	671
							673	675
							677	679
							681	683
							685	687
							689	691
							693	695
							697	699
							701	703
							705	707
							709	711
							713	715
							717	719
							721	723
							725	727
							729	731
							733	735
							737	739
							741	743
							745	747
							749	751
							753	755
							757	759
							761	763
							765	767
							769	771
							773	775
							777	779
							781	783
							785	787
							789	791
							793	795
							797	799
							801	803
							805	807
							809	811
							813	815
							817	819
							821	823
							825	827
							829	831
							833	835
							837	839
							841	843
							845	847
							849	851
							853	855
							857	859
							861	863
							865	867
							869	871
							873	875
							877	879
							881	883
							885	887
							889	891
							893	895
							897	899
							901	903
							905	907
							909	911
							913	915
							917	919
							921	923
							925	927
							929	931
							933	935
							937	939
							941	943
							945	947
							949	951
							953	955
							957	959
							961	963
							965	967
							969	971
							973	975
							977	979
							981	983
							985	987
							989	991
							993	995
							997	999



Kugxunywe kangakanani?

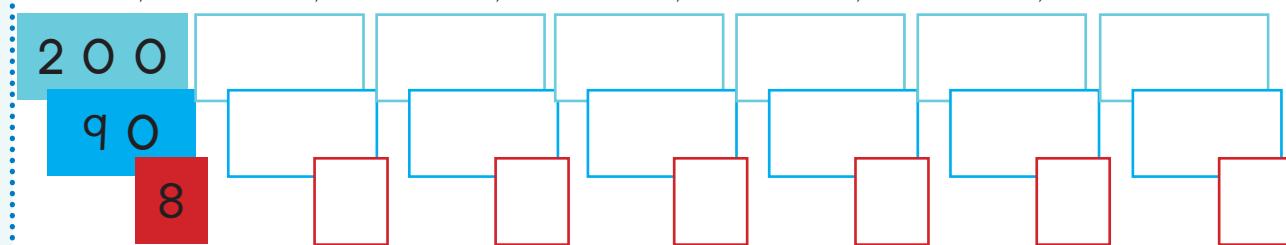
30I		28I						
		17I						2II
								10I



Ukukhombisa nokuqhathanisa

- a. Bhala izinombolo ezhambisana nekhadi ngalinye.

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



- b. Bhala izinombolo zilandelane zisukele kwencane kunazo zonke ziye kwenkulu kunazo zonke.

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



Yini eguqukile? Bhala izinombolo ezingekho.

Qala



Qedela



11 12 13 14 15 16 17 18 19 20

42

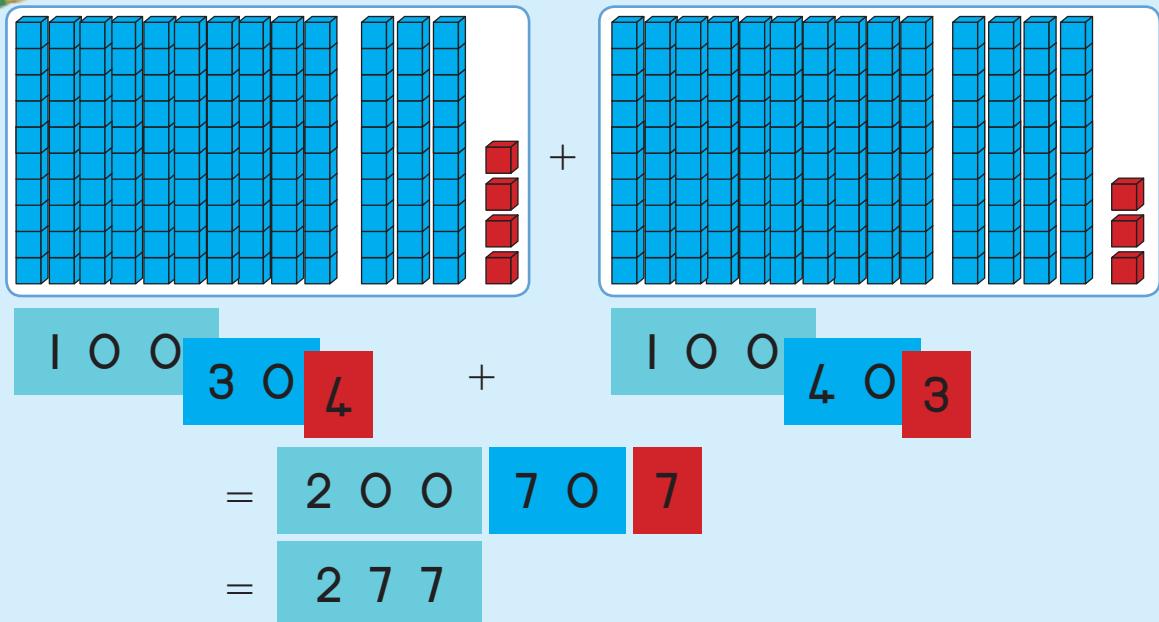
Usuku:

Ithemu 2



Ukuhlanganisa nokususa ngama -100

Ukuhlanganisa usebenzisa amabhulokhi.



Landela izindlela ezimbili. Khombisa impendulo ngayinye ngezindlela ezimbili.

a. $132 + 123$

Indlela kaBusi

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



Indlela kaDumi

~~$$\begin{aligned}
 &132 + 123 \\
 &= 200 + 50 + 5 \\
 &= 255
 \end{aligned}$$~~



b. $114 + 162$



c. $276 + 148$



Fundisa indlela ngayinye. Yenza isibalo usebenzise izindlela ezimbili.

a. $158 - 146$

Indlela kaBusi

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



Indlela kaDumi

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



b. $194 - 122$

c. $288 - 199$



43

Usuku:

Ithemu 2

Siphokophele ema-400

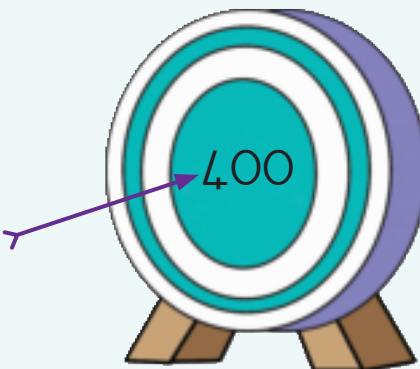


Ukubala nokubhala uye ema-400

Bala uqhubeka usuke ema-300 – 400.

Zisho izinombolo ngenkathi ubala.

Bhala izinombolo ezingekho kugridi.



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

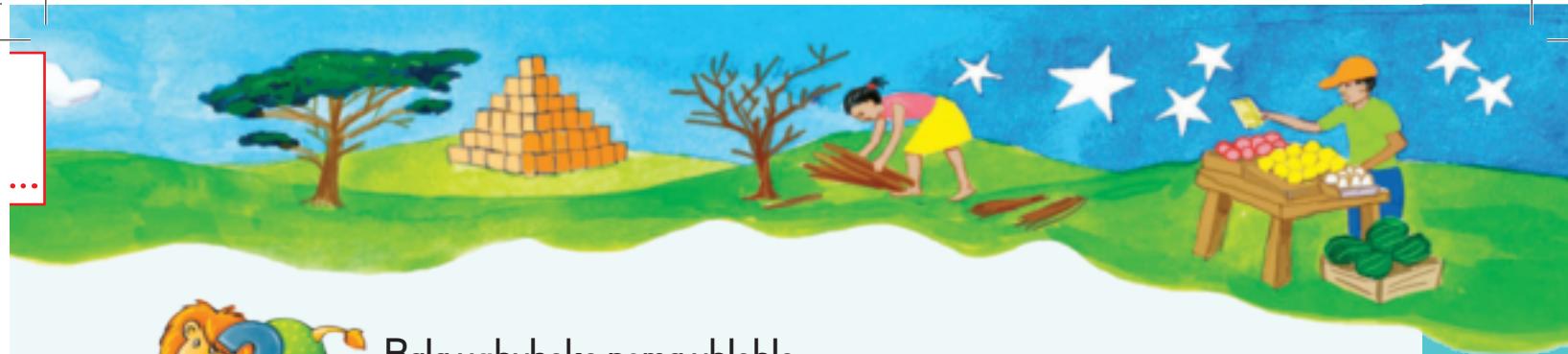


Bhala izinombolo eziyi-9 emva kwama-400.

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

100

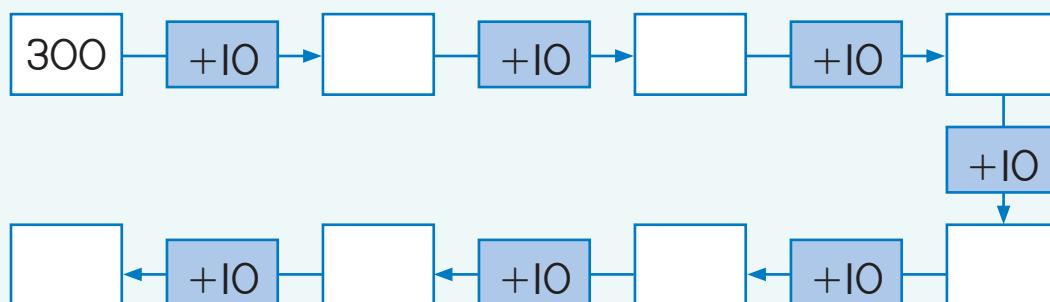
1 2 3 4 5 6 7 8 9 10



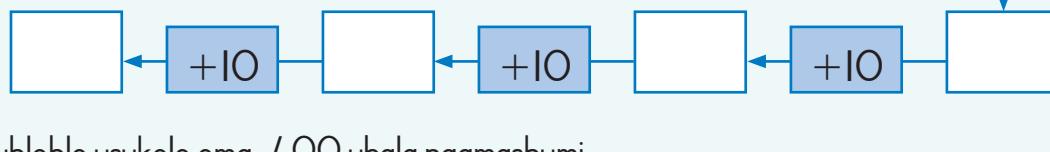
Bala uqhubekе noma uhlehlе.

- a. Ukubala uqhubekе usukele ema -300 ubala ngamashumi.

Qala

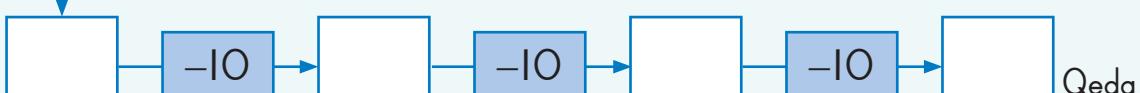
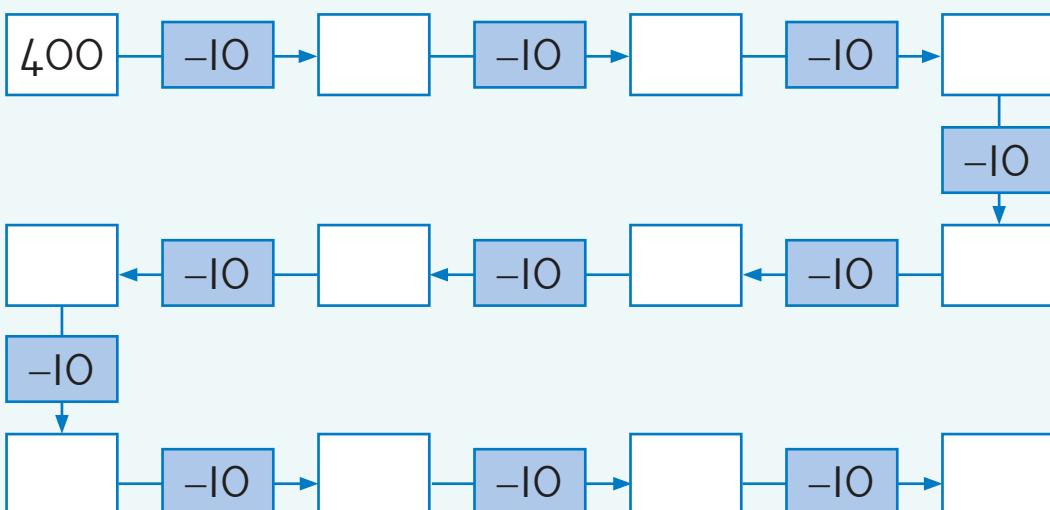


Qeda



- b. Bala uhlehlе usukele ema -400 ubala ngamashumi.

Qala



Bhala inombolo eyodwa.

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

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

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

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

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

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

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

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

Bhala izinombolo zilandelane zisukele kwencane kunazo zonke ziye kwenkulu kunazo zonke.

 , , , , , , ,



Teacher:
Sign:
Date:

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Usuku:

Ithemu 2

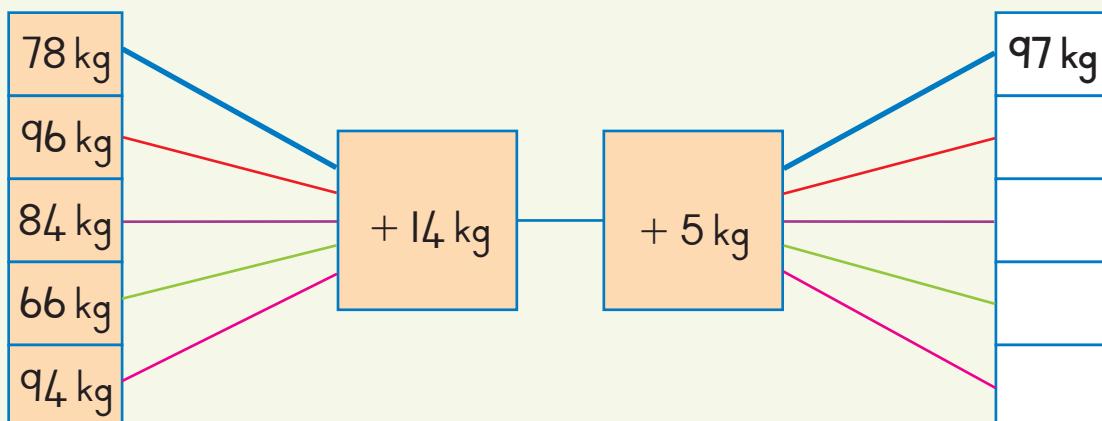


Faka amanye amakhilogramu.

Hlanganisa bese ubhala izimpendulo.



Ukukala isisindo



Ukusondezela nokuhlanganisa!

Cabanga ngobuhlakani!

Impungushe 25 kg	Ufudu 98 kg	Imfene 59 kg	Inkonyane yedube 88 kg	Inyoni 9 kg

Sondezela isisindo sesilwane ngasinye e -10 kg.

Bhala isisindo sesilwane ngasinye usilandelanise usukele kwesilula uye kwestisindayo.

Linganisela isamba sesisindo sezilwane zo -5.



Hlanganisa isisindo sazo



Izindlela

Ngingase ngingasindi njengawe.
Ngiwufudu oludala, kodwa ngiyashesha!



- Sebenzisa amanani asondezelwe ukulinganisela lokhu.
- Linganisela isisindo sezilwane ezisemqgeni ngamunye.
- Bala isamba usebenzisa isisindo sangempela.
- Qhathanisa isamba sokuqala nesesibili bese ubhala umahluko.

	Ngiyalinganisela	Ngiyabala	Umahluko
+			
+ +			
+ +			



Isisindo sikaVusi

Hlola. Qhathanisa. Lungisa.

UVusi uhlanganisa isisindo sakhe nezisindo ze - kanye nezo - .

Isamba sesindo ngama - **239 kg**. Usinda kangakanani uVusi? Khombisa impendulo.

--	--



Singakanani isisindo sami?

Dlalani njengeqembu. Dedelanani ...

Hlanganisa isisindo sakho nesesilwane esithile. Thola isamba. Chazela iqembu lakho ukuthi impendulo ithini. Ungakhombisi muntu ukuthi uyithole kanjani impendulo. Kumele bazizamele bona ukuthola isisindo sakho.



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Usuku:

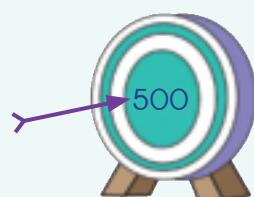
.....

Ithemu 2



Ukubala nokubhala

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



- a. Bala uqhubeku usuke ema-400. Zisho izinombolo ngenkathi ubala.
- b. Bhala izinombolo ezingekho kugridi.
- c. Bhala izinombolo eziyi-9 emva kwama-500.

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

- d. Bala ngaku-2. Bhala izinombolo ezi-8 ezilandelayo **ngephethini** langaku-2.

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

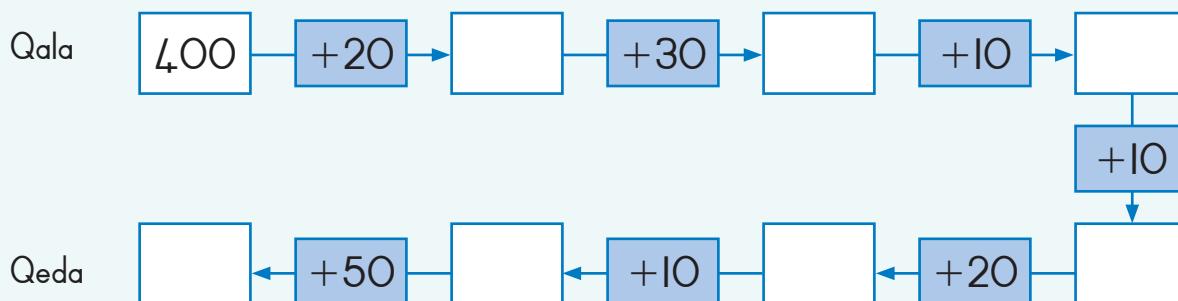
- e. Bala ngaku-5. Bhala izinombolo ezi-8 ezilandelayo **ngephethini** langaku-5

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

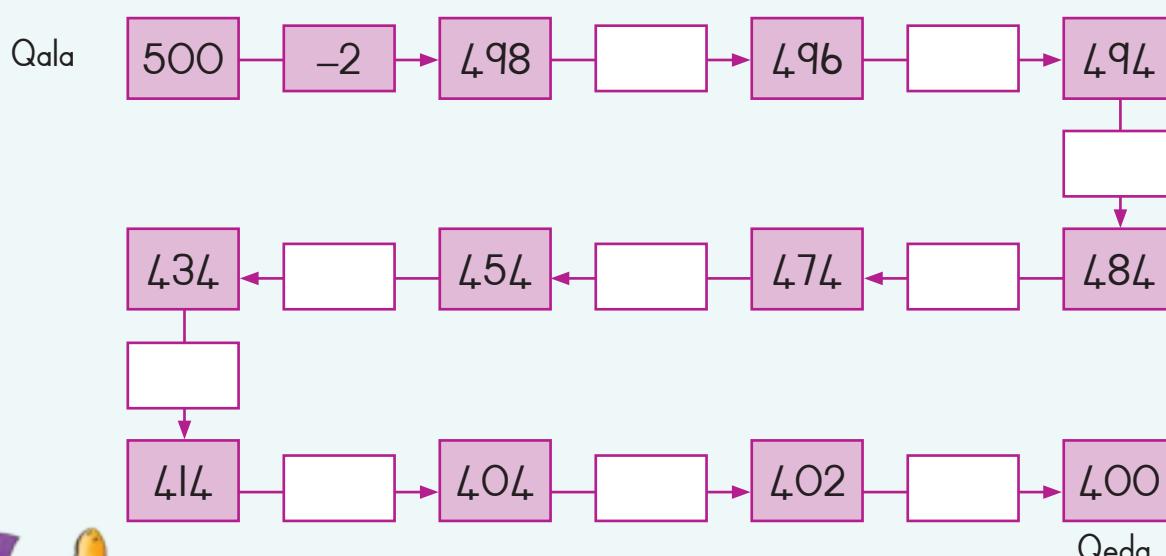


Gcwalisa ngezinombolo ezidingekayo.

- a. Hlanganisa uqhubeke usukela ema - 400.



- b. Bala uhlehlle usukele ema - 500.



Ukukhombisa izinombolo. Landela isibonelo.

Thola isamba. Sebenzisa amakhadi ezinombolo ukukhombisa lesi samba ngasinye.

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

$398 + 10$		
$424 + 10$		
$460 + 20$		



46



Usuku:

Ithemu 2

Okunye ngokuhlanganisa nokususa

$$\begin{array}{r} 200 \\ + 200 \\ \hline 400 \end{array}$$

$$\begin{array}{r} 50 \\ + 30 \\ \hline 80 \end{array}$$

$$\begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 400 \\ + 80 \\ \hline 480 \end{array}$$

$$\begin{array}{r} 9 \\ + 5 \\ \hline 14 \end{array}$$

$$489$$



Uzosebenzisa indlela kaBusi nekaDumi ukuhlanganisa okulandelayo.

a. $245 + 231$



Indlela kaBusi

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



Indlela kaDumi

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

b. $278 + 136$

c. $265 + 148$



Sizosebenzisa indlela kaBusi nekaDumi ukususa kulesi sibalo.

a. $476 - 324$

Indlela kaBusi

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



Indlela kaDumi

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

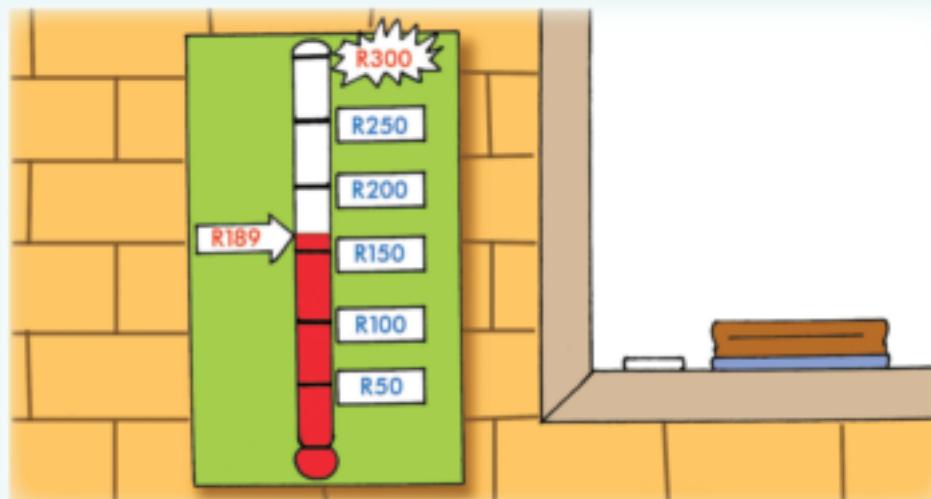


b. $489 - 456$

c. $482 - 161$



Ukufinyelela lapho siphokophele khona



Teacher: _____
Sign: _____
Date: _____

Cubungula lesi sithombe.

Kudingeka okungakanani ukufinyelela lapho kuphokophelwe khona.

R

47

Usuku:

Ithemu 2



Intaba yemfihlo

Ibizwa ngokuthini intaba ephakeme kunazo zonke eGauteng? Sebenzisa ikhodi ukuyithola. Qondanisa impendulo nohlamvu olukukhodi.

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

Ukucebisana ngezinombolo	Impendulo	Uhlamvu
Isibonelo: $2 \times 3 \times 3 \times 1 = \square$	18	R
$50 + 50 + 50 + 100 - 200 - 45 = \square$		
$1 + 2 + 7 + 10 + 7 + 1 - 14 = \square$		
$60 - 30 + 50 + 20 - 50 - 15 - 20 = \square$		
$3 + 2 + 7 + 1 + 2 + 1 + 3 = \square$		
$5 + 3 + 30 = 4 + 2 + 12 + \square$		
$100 - 5 - 70 = 20 + \square$		
$36 + 44 - 60 - 22 = \square$		
$10 + 15 = 14 + \square$		
$2 + 1 + 14 + q + 14 = 25 + \square$		
$1 \times 2 \times 2 \times 2 \times 2 = \square$		
Igama lentaba yi-:		



Bheka, cabanga uphendule!

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

- a.
- Inombolo 16 yakha siphisi? Faka uphawu (✓) empendulweni efanele. ● ●
- Inombolo 18 yakha siphisi? Faka uphawu (✓) empendulweni efanele. ● ●
- Inombolo 23 yakha siphisi? Faka uphawu (✓) empendulweni efanele. ● ●
- b.
- Inombolo 50 izoba ★. yiQiniso noma yiPhutha?
- Inombolo 100 izoba ●. yiQiniso noma yiPhutha?
- Inombolo 28 izoba ☽. yiQiniso noma yiPhutha?



Yikuphi okungaphezulu kokunye?

U-R2,50 ngosuku wemali
yokuzijabulisa ngoJuni nangoJulayi
kumbe u-R150 ngosuku lokuqala ku-
Agasti?
Khombisa ukuthi ufinyelele kanjani
ependulweni.

Hlola. Qhathanisa. Lungisa.



II 12 13 14 15 16 17 18 19 20

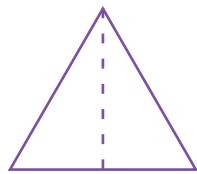
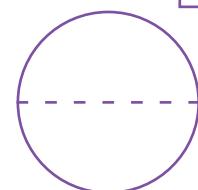
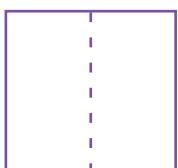
48

Usuku:

Ithemu 2

Ukufana nxazombili

Yini eqapheleka ngalezi zimo?

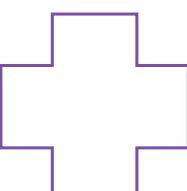
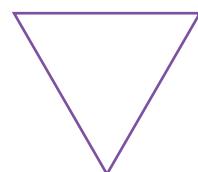


Umugqa ofanisayo uhlukanisa isimo kibili kuthi
izingxenyen ezhilukanisiwe zikhombise ukufana
njengokuzibuka esibukweni.

Isimo siba nokufana kuso uma sigoqwa silandele
umugqa ophakathi naphakathi bese kuthi
ohhafu abavela lapho bafane ncimishi.



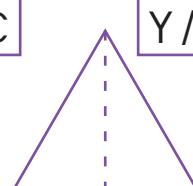
Dweba umugqa ohlukanisa phakathi
isimo ngasinye.



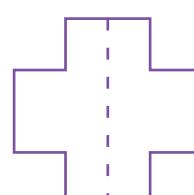
Ngabe lo mugqa wamachashazi ujikho yini lokhu okuchazwe ngenhla.
Kokelezela (Y) Yebo noma (C) Cha.



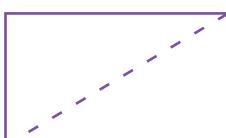
Y / C



Y / C



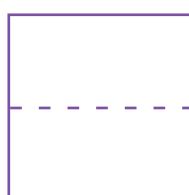
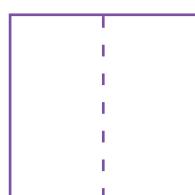
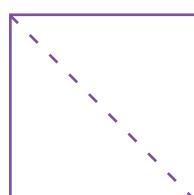
Y / C



Y / C



Kungabe lo mugqa wakha ohhafu abafana ncimishi? Usho ngani?

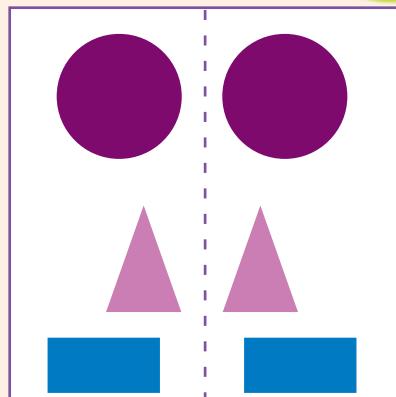




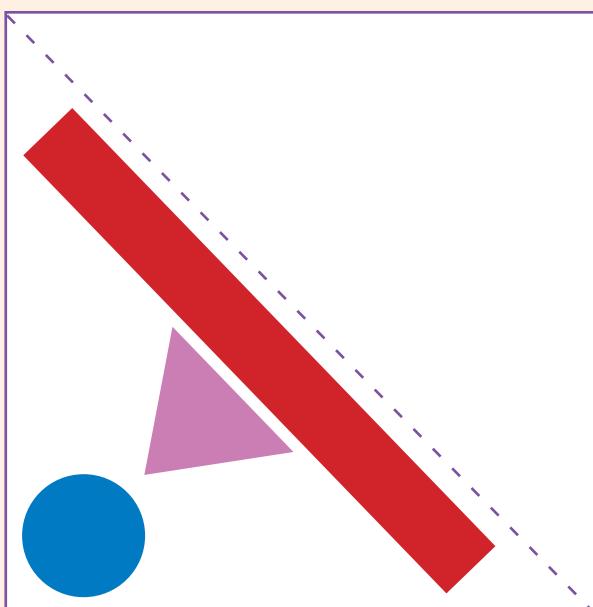
Dweba izimo wenze isithombe sibe nohhafu abafana ncimishi.

Sikwenzele okokuqala.

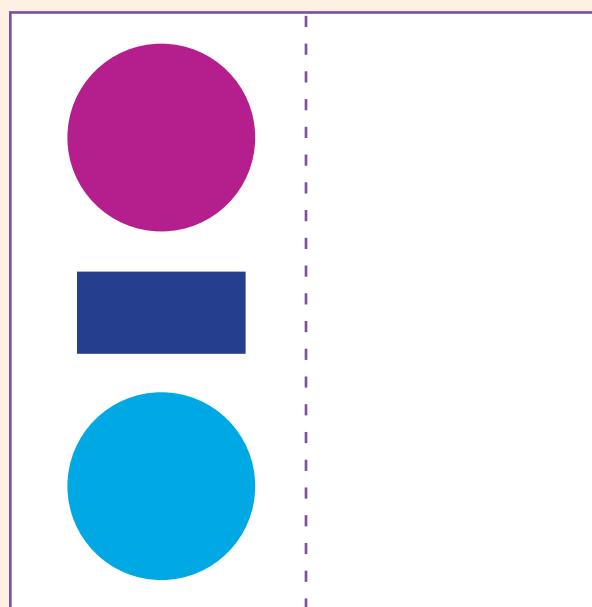
a.



b.



c.



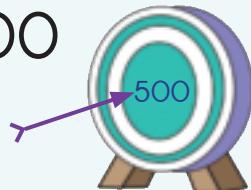
Yenza
ukhaphethi
wakho
usebenzisa lezi
zimo.



49



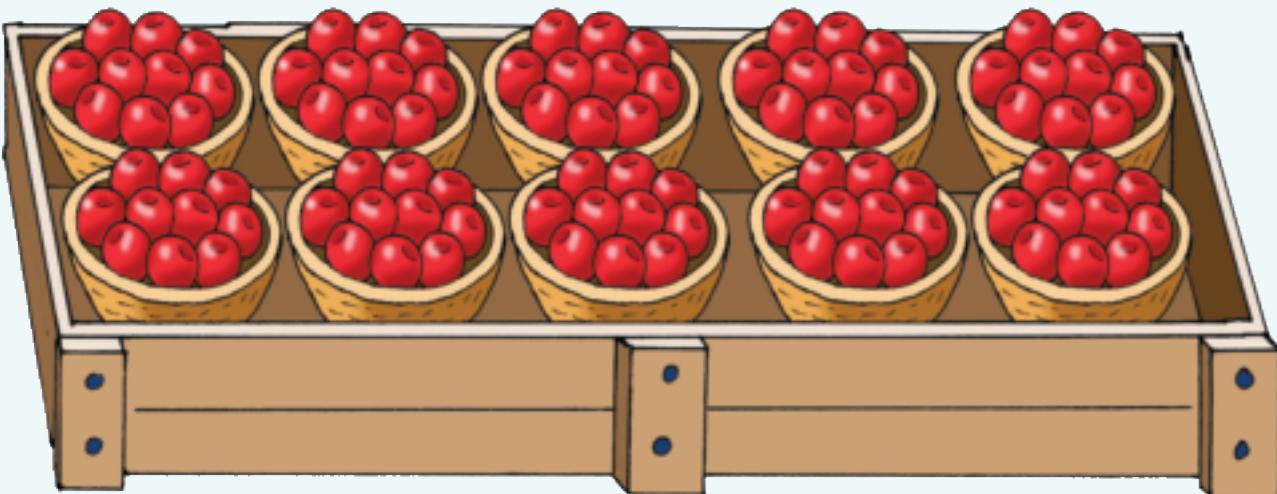
Usuku:



Ukwakha ufinyelele ema - 500



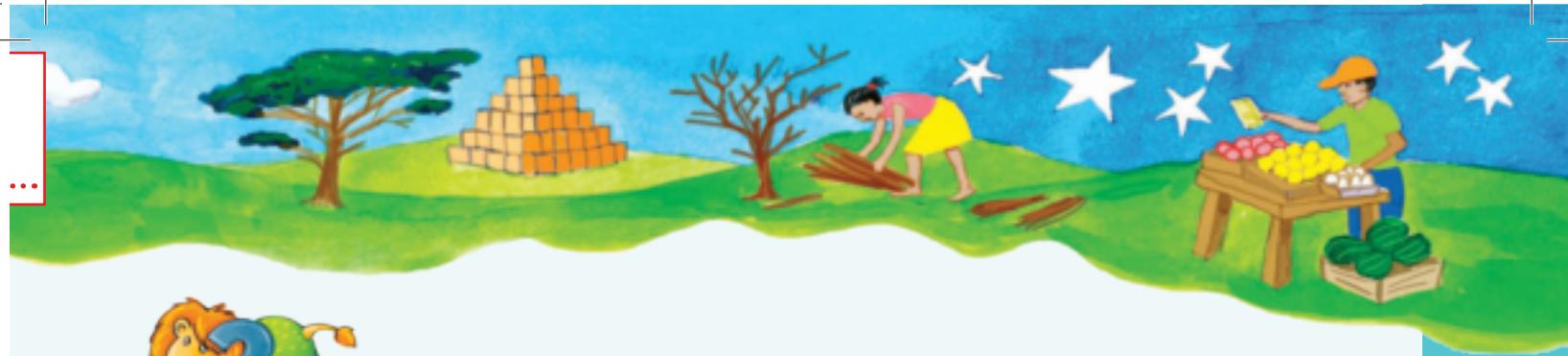
Ukubala ama-aphula



Qedela bese uphindaphinda

Ubhasikidi o-1 uphatha ama-aphula a-_____.	$1 \times 10 = 10$
Obhasikidi aba-3 baphatha ama-aphula a-_____.	$3 \times 10 =$
Obhasikidi aba-5 baphatha ama-aphula a-_____.	
Obhasikidi aba-4 baphatha ama-aphula a-_____.	
Obhasikidi aba-2 baphatha ama-aphula a-_____.	

Ibhokisi eli-1 liphatha ama-aphula a-100.	Amabhokisi ama-2 aphatha ama-aphula a-_____.
Amabhokisi ama-3 aphatha ama-aphula a-_____.	Amabhokisi ama-4 aphatha ama-aphula a-_____.
Amabhokisi ama-5 aphatha ama-aphula a-_____.	Ibhokisi eliwuhhafu liphatha ama-aphula a-_____.

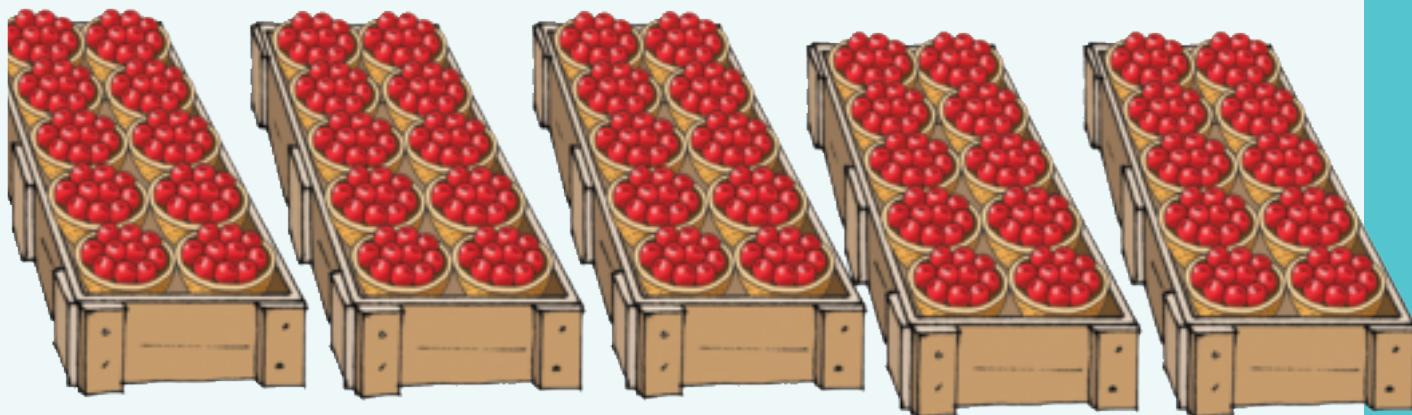


Kunama-aphula ayi-10 kubhasikidi owodwa.

Kunawobhasikidi aba- _____ ebhokisini elilodwa.

Kunama-aphula a- _____ ebhokisini elilodwa.

Mangaki ama-aphula esewonke? _____



Ukubala, ukukhombisa nokubhala

300

40

5

Qala usebenzise amakhadi ezinombolo ukukhombisa isamba ngasinye. Bhala inombolo.

$$3 \text{ amabhokisi } + 4 \text{ obhasikidi } + 5 \text{ ama-aphula } = 345 \text{ ama-aphula}$$

$$4 \text{ amabhokisi } + 5 \text{ obhasikidi } + 7 \text{ ama-aphula } = \underline{\quad} \text{ ama-aphula}$$

$$5 \text{ amabhokisi } + 2 \text{ obhasikidi } + 3 \text{ ama-aphula } = \underline{\quad} \text{ ama-aphula}$$

$$4 \text{ amabhokisi } + 7 \text{ obhasikidi } + 2 \text{ ama-aphula } = \underline{\quad} \text{ ama-aphula}$$



50

Usuku:

Ithemu 2

Ukuphindaphinda nokuhlukanisa (10)



Ukubala ama-aphula

Gcwalisa ithebhula.

Bangaki obhasikidi abaphethe ama-aphula?



Ama-aphula	10	20	30	40	50
Obhasikidi	1	2			
Isibalo soku - \div					$50 \div 10 = 5$
Isibalo soku - \times					$5 \times 10 = 50$



Hlukanisela izingane ezimbili ama-aphula. Yenza umdwabo. Bhala isibalo sokuhlukanisa nesokuphindaphinda ukuhlola impendulo yakho.



Hlola izimpendulo zakho.

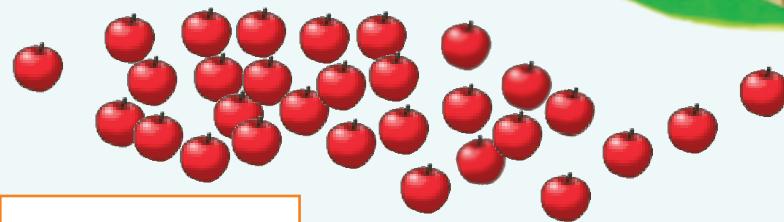
$$\square \div \square = \square$$

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

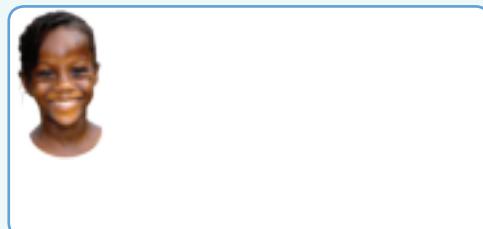




b.



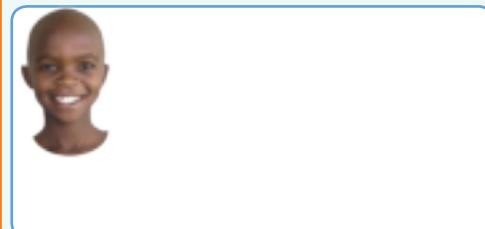
Bhala isibalo soku - \div



Bhala isibalo soku-X

Hlola izimpendulo

zakho.



Sebenzisa izinombolo zemisho yakho yezinombolo.



Iisibonelo

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

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



\div		\times	
--------	--	----------	--



\div		\times	
--------	--	----------	--



\div		\times	
--------	--	----------	--



Bhala inombolo encane ngokuyi-10 kodwa enkulu ngokuyi-10 enombolweni oyinikeziwe.

____, 460, ____

____, 390, ____

____, 500, ____



11 12 13 14 15 16 17 18 19 20

||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

5|

Usuku:



Bala ngaku-2

Ukubala ngaku-2 uye phambili ubuye uhlehle.

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



Ipheya lamaglavu



- Mangaki amapheya amaglavu emgqeni owodwa? _____
- Mangaki amaglavu ahamba ngalinye emgqeni owodwa? _____
- Mingaki imigqa? _____
- Mangaki amaglavu esewonke? _____
- Khombisa ukuthi ukwenze kanjani lokhu.
- Bhala impendulo ibe yimisho yezinombolo.
_____ × _____ = _____



Mangaki amaglavu?

Bhala lokhu ethelbhuleni.

a.

Ipheya lamaglavu									
Inani lamaglavu	2								

b.

Amaglavu ahamba ngalinye	20	21	70	73
Amapheya enziwe				
Amaglavu asele kwahamba ngalinye				



Bhala ngakubili

a. Iyiphi inombolo ephakathi kwalezi?

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

b. Bhala izinombolo ezimbili ezilandelayo.

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

c. Bhala izinombolo ezimbili ezilandelayo.

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



11 12 13 14 15 16 17 18 19 20

||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

Faka amathayela

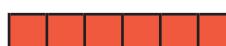
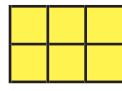
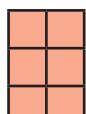


Ukulungisa isivande

UNkk Mabhena unamathayela amahle. Uwafake endaweni ethile esivandeni sakhe.
Unamathayela ayi-6 alinganayo ngobungako kanti ayizikwele.

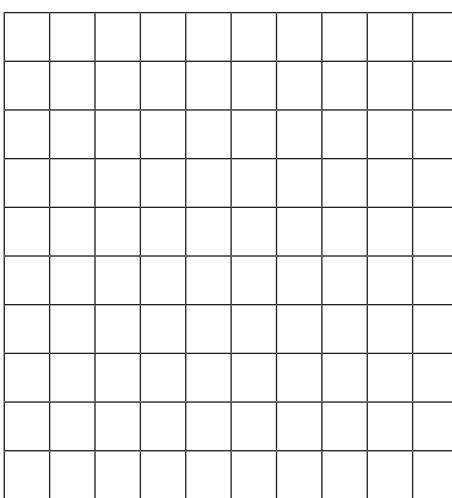
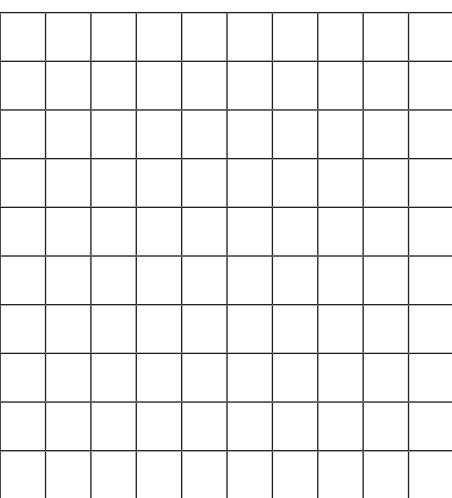
Ngizowafaka
kanjani?



Ngingenza umugqa o-1 ngamathayela ayisi-6.	Ngingenza imigqa emi-2 ngamathayela ama-3 elandelana emgqeni.	Ngingenza imigqa emi- 3 ngamathayela ama-2 elandelana emgqeni.
 $6 \times 1 = 6$	 $3 \times 2 = 6$	 $2 \times 3 = 6$

Yithuba lakho manje!

Hlikihla amabholokhi ukukhombisa ukuthi ungawahlela kanjani amathayela ayizikwele ayi-8 nayi-9.

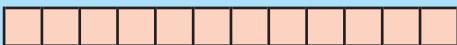
Izikwele ezi-8	Izikwele ezi-9
	

Bhala imisho yezinombolo ngomdwebo ngamunye.



Hlela amathayela ayi-12

UThabo une -12 lamathayela ayizikwele azokwemboza ngawo indawo azobeka ibhayisikili lakkhe kuyo. Msiza ngezindlela angazisebenzisa ukwenza lokhu. Bhala umusho wezinombolo ngenddlela ngayinye.

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



Hlela amathayela angama-24

- Sebenzisa igridi Kokusikwayo kwesi-2.
- Hlikihla amabhulokhi angama-24 ngezindlela ezingafani.
- Bhala imisho yezinombolo ukuqondanisa nomdwesbo.

--

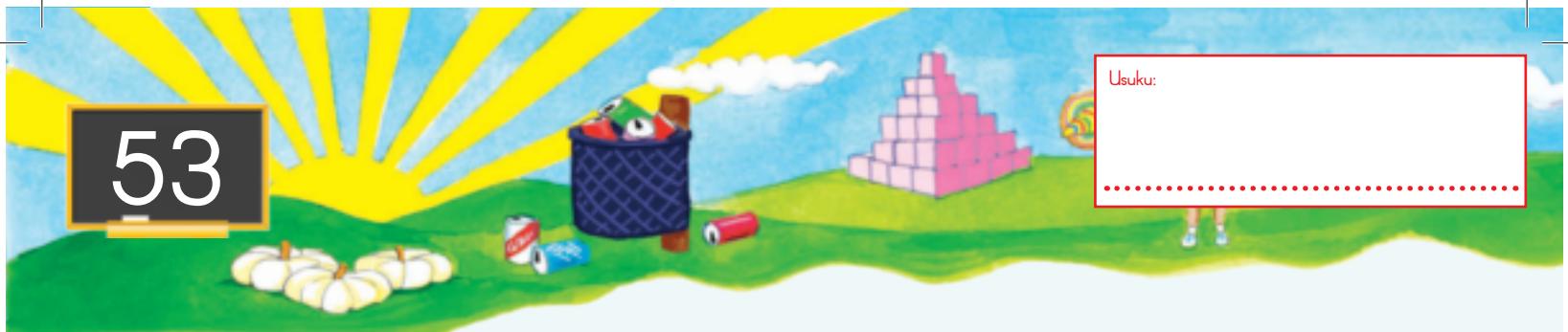


Ngiyakwazi ukuphindaphinda!

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



53



Usuku:

.....

Ukusebenzisa okuhlanu



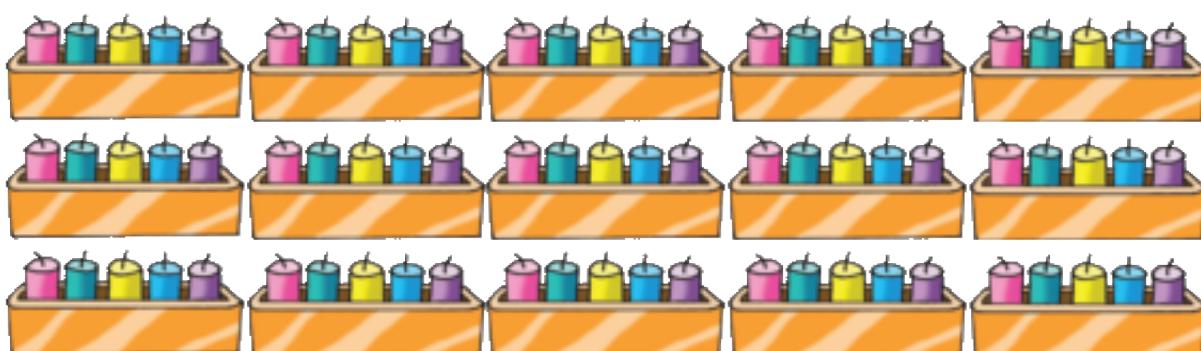
Ukwazi oku-5

Gcwalisa izimpendulo.

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



Ukubala amakhandlela



- a. Mangaki **amakhandlela** ebhokisini? _____
- b. Mangaki **amabhokisi** emqqeni ngamunye? _____
- c. Mangaki **amakhandlela** ebhokisini ngalinye? _____
- d. Mangaki **amakhandlela** esephelele? _____



Ukukhombisa impendulo

Faka uphawu (✓) emishweni yezinombolo ekhombisa inani lamakhandlela.

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



Ukubala ngaku-5 uye phambili ubuye uhlehlé.

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



Ukuqoqa izinhlamvu zemali zama-R5



Abantwana baqoqe zama-R5. Mangaki ama-R5 awuhlweza abadinga ukuwaqoqa ukuze babe nama-R ____? Sikwenzele okubili kokuqala.

$R5 \div R5$ = uhlamvu olu-1	$R10 \div R5$ = izinhlamvu ezi-2	R15? _____	R20? _____	R25? _____
R30? _____	R35? _____	R40? _____	R45? _____	R50? _____

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

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

Uyalibona iphethini?



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

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



Ukuphindaphinda ngoku-5

Isibonelo: I \times 5 = 5; II \times 5 = 55; III \times 5 = 105

Cabanga ngokuhlakanipha! Sebenza ngamaqiniso owaziyo!

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

11 12 13 14 15 16 17 18 19 20



1 2 3 4 5 6 7 8 9 10

11 12 13 14 15 16 17 18 19 20

54

Itthemu 2

Ukusebenza ngesikhathi



Ukudweba izikhathi

				12:45	6:15	4:30
Ligamenxe lesi-5	Iyishumi nanhlalu ngaphambi kwele-	Iyishumi nanhlalu emva kwele-				

Izinkinga zesikhathi
Xazulula le kinga. Sebenzisa amabanga esikhathi ukuze usizakale.

Hola. Qhathanisa. Lungisa.



a. UQondi uvakashale ujise emtholampilo ngo- **15:45**.

Uyosuka uyabuya ngo- **7:15**.

Sibe ngakanani isikhathi evakashile?



b. UMusa uya eepaki ngo- **10:45**.

Ubuyela ekhaya ngo- **12:30**.

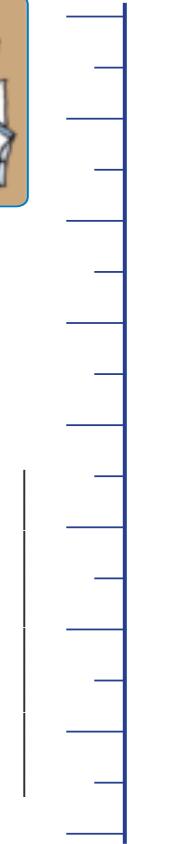
Ubengekho isikhathi esingakanani?



c. UTumi uqale ukutadisha ngo- **13:15**.

Uqede ngo- **14:45**.

Utadishe isikhathi esingakanani?



Singasebenzia ibanga
lesikhathi ewashini ukuthola lokhu.
Beka umunwe ku-2:30 p.m.,
okuyisikhathi esikuso manje.



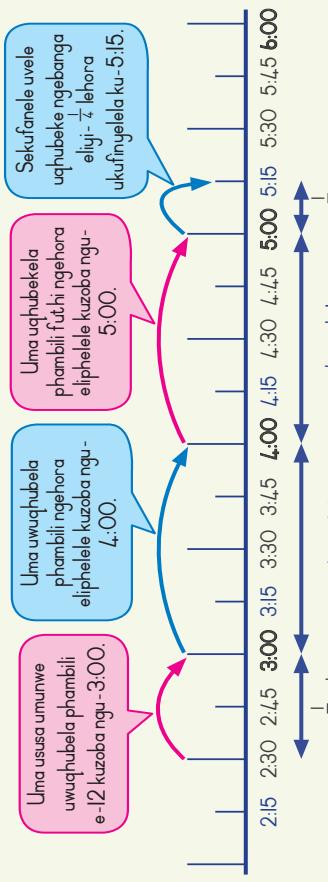
Izinkinga zesikhathi

Uhamaka Nomsa usuka ekhaya ngo- **2:30 p.m.**
Ubuya ngo- **5:15 p.m.** Ubengekho isikhathi esingakanani?

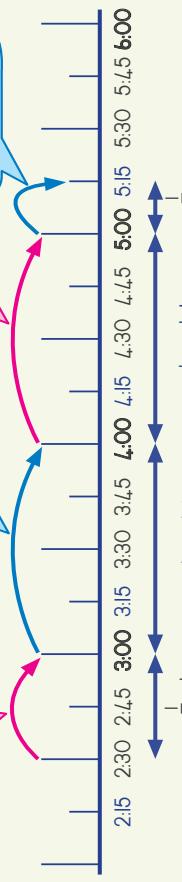
Uma uwaphubela phambili ngehora eliphelile kuzoba ngu-
5:00.

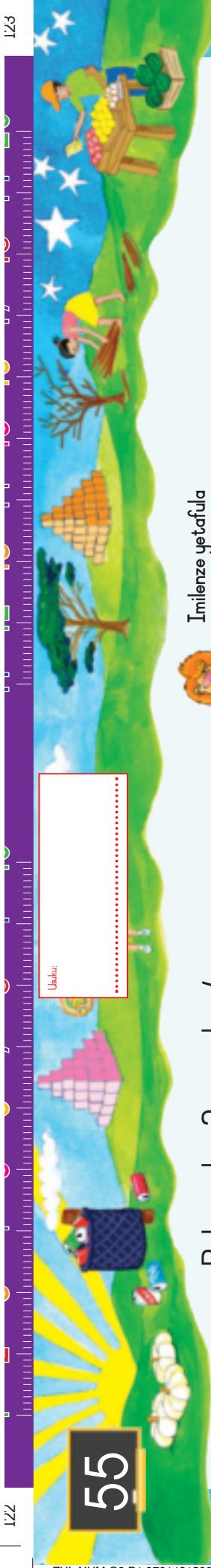
Uma uwaphubela phambili ngehora eliphelile kuzoba ngu-
4:00.

Uma ususa umunwe uwaphubela phambili e-12 kuzoba ngu-3:00.



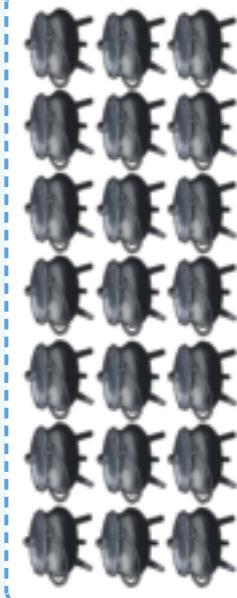
U- $\frac{1}{2}$ wehora kanye namahora amibili agcwale kwenza amahora ama- $2\frac{1}{2}$. Kuhlanganisive ne- $\frac{1}{2}$ lehora, kwenza amahora ama- $2\frac{3}{4}$.





Bala ngaku-3 nangaku-4

Amabhoodwe imilenze emi-3



Hanganisa bese ubhalazimpendulo.

Itthemu 2

a. Mangaki amabhoodwe emgqeni? _____

b. Mingaki imilenze emgqeni? _____

c. Mingaki imilingqo yamabhoodwe? _____

d. Mingaki imilenze seuijonke? Khombisa ukuthi ufinyelele kanjani kulokhu.

Beka upphawu (✓) usho ukuthi yimiphi imisho yezinombolo ekhombisa isamba kule engezansi.
 $2 \times 7 = \square$ $3 \times 7 \times 3 = \square$ $3 \times 4 \times 2 = \square$ $21 \times 3 = \square$

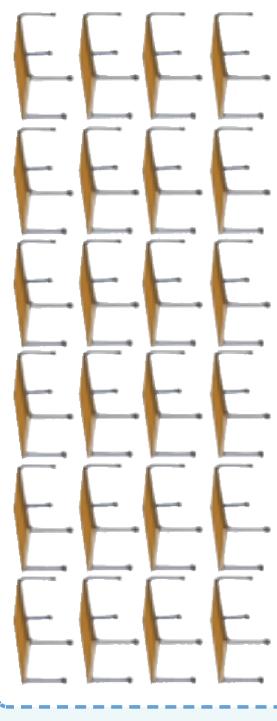
Mingaki imilenze?

Cabanga usheshe.
Cabanga ngokuhlakanipha.

libhoodwe	3 imilenze	10 amabhoodwe	5 imilenze	imilenze
2 amabhoodwe	imilenze	15 amabhoodwe	imilenze	imilenze
5 amabhoodwe	imilenze	13 amabhoodwe	imilenze	imilenze



Imilenze yetafula



a. Mangaki amatafula emgqeni? _____

b. Mingaki imilenze emgqeni? _____

c. Mingaki imilenze yamatafula? _____

d. Mingaki imilenze seuijonke? Khombisa ukuthi ufinyelele kanjani kulokhu.



Embonini

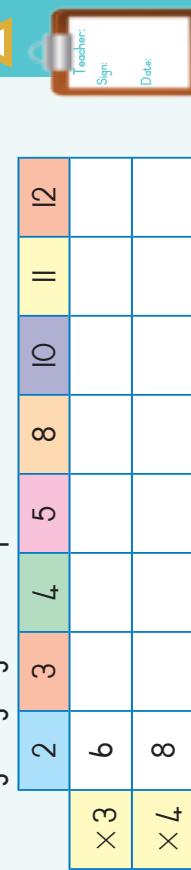
Umbazi wakha amatafula. Uqala ngemilenze.

Usenze imilenze engama-48 okwamanje. Usakhe amatafula amangaki?
Kumele enze imilenze emingaki futhi uma efuna ukwengenza ngatafula ellidwa?

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



Qedela igridi ngokugcwala isimpendulo.



1 2 3 4 5 6 7 8 9 10

11 12 13 14 15 16 17 18 19 20

56

Ithemu 2

Bala ngaku -50

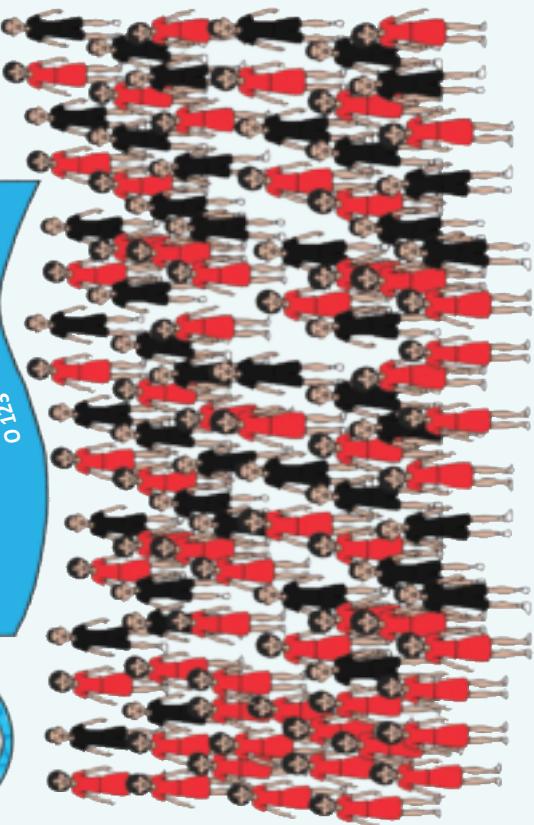
Ingubo yokulala eyodwa yengane ngajinye!
Bangakiabantwana? Linganisela bese ubala.



Ingubo yethemba.

Zama ukugcina izingane zefidumele

0 123 – 098



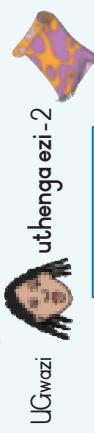
Bonke abantwana abasesithombeni bathole ingubo yokulala umntwana ngamunye.
Bangakiabantwana abakhona? _____

Linganisela	Bala	Qhathanisa

Bangaki abafana? _____ Mangaki amantombazane? _____



Bazokhokhani?



Ugwazi uthenga ezi-2
Ukhokha R



UNkk Chwane uthenga ezi- 5
Ukhokha R



Esitolo sakwa Thembi R

Bokhokha R

Ezi-5 ijinye ibiza R50 = R250 Ezi-10 ijinye ibiza R50 = R500

Ezi-4 ijinye ibiza R50 = R _____ Ezi-15 ijinye ibiza R50 = R _____

Ezi-3 ijinye ibiza R50 = R _____ Ezi-6 ijinye ibiza R50 = R _____

Ezi-7 ijinye ibiza R50 = R _____ Ezi-12 ijinye ibiza R50 = R _____

Ezi-8 ijinye ibiza R50 = R _____ Ezi-9 ijinye ibiza R50 = R _____

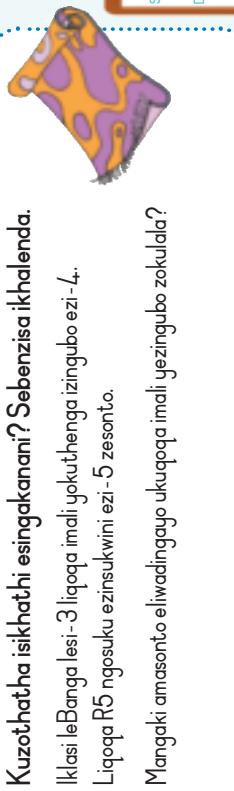


Kuzothatha isikhathi esingakanani? Sebenzisa ikhalenda.

Ikasi le Banga lesi-3 liqoqa imali yokuthenga qizingubo eziz-4.

Liqoqa R5 ngosuku ezinsukwini ezi-5 zesonto.

Mangaki amasonso eliwadingayo ukuqoqa imali yezingubo zokulala?



Teacher:
Sign:
Date:

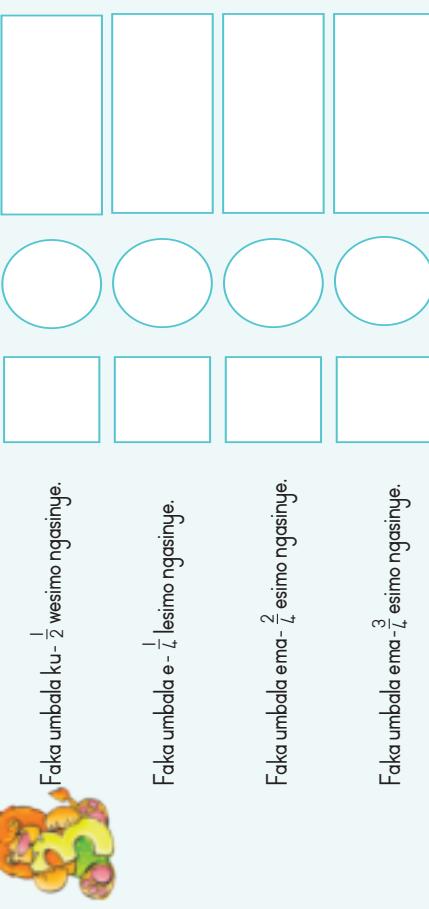
11 12 13 14 15 16 17 18 19 20

127

Amaqhezu: ohhafu namakota

Hlukanisa amabholola ngokulinganayo uwafake emabholokisini.

Itthemu 2



Faka umbala ku- $\frac{1}{2}$ wesimo ngasinye.

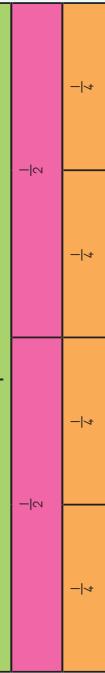
Faka umbala e- $\frac{1}{4}$ lesimo ngasinye.

Faka umbala ema- $\frac{2}{4}$ esimo ngasinye.

Faka umbala ema- $\frac{3}{4}$ esimo ngasinye.



Okuphelele oku-1



a. Bangkiohhafu ($\frac{1}{2}$) abenza okuphelele?

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

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

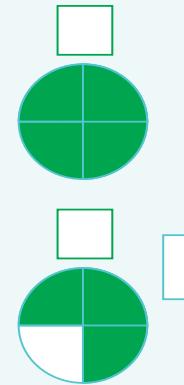
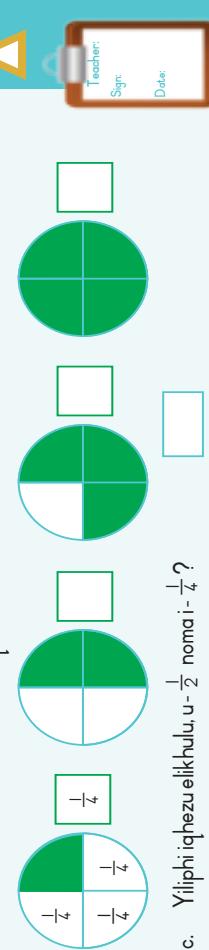
Ubale wathola iziujingi ezingaki?

Yini eyi- $\frac{1}{4}$ lezijingi?

Yini engama- $\frac{2}{4}$ ezijingi?

Yini engama- $\frac{3}{4}$ ezijingi?

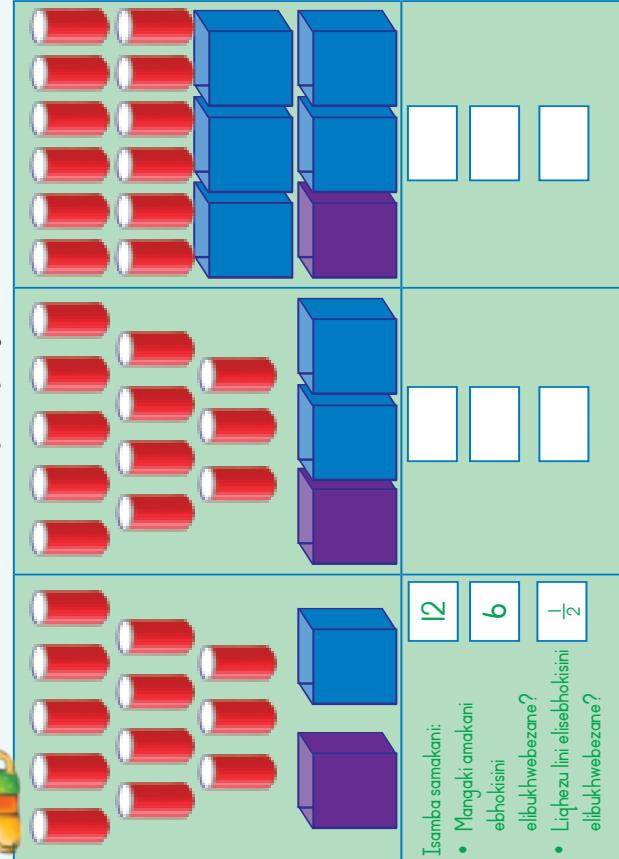
Yini engama- $\frac{4}{4}$ ezijingi?



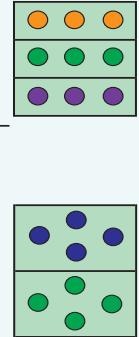
Teacher:
Sign:
Date:

Amaqhezu: ohhafu, okwesithathu, okwesithupha

Hlukanisa amakani (amasilinda) ngokulinganayo uwafake emabbokisini.



Buka izithombe beso uphendula imibuzo.



Zingqki izijingi ozithola una ubala?

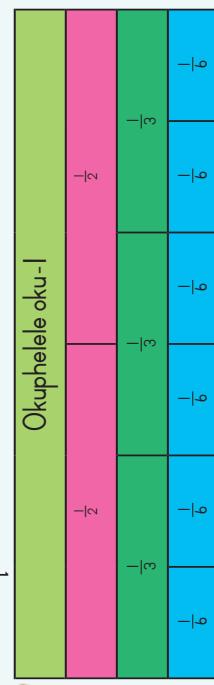
- | | |
|--|--|
| <input type="checkbox"/> Yini oku - $\frac{1}{3}$ kweziyngi? | <input type="checkbox"/> Yini oku - $\frac{1}{6}$ kweziyngi? |
| <input type="checkbox"/> Yini oku - $\frac{2}{3}$ kweziyngi? | <input type="checkbox"/> Yini oku - $\frac{2}{6}$ kweziyngi? |
| <input type="checkbox"/> Yini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

1 2 3 4 5 6 7 8 9 10



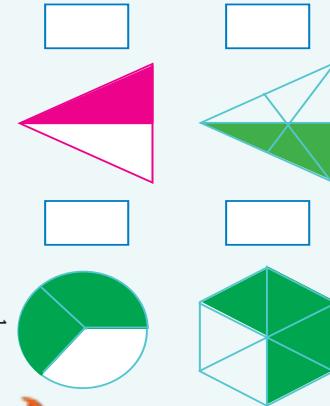
- Khombisa uhafu wobude berula. Ullingana nama - _____ cm
- Khombisa okukodwa kokuthathu ebudeni berula. Kulingana nama - _____ cm
- Khombisa okukodwa kokujisithupha ebudeni berula. Kulingana nama - _____ cm

Buka la maqhezu. Qedela imisho.



- Ohhafu kokuphelele ba - _____.
- Okwesithathu kokuphelele ku - _____.
- Okwesithupha kokuphelele ku - _____.
- Okwesithupha kuhafu ku - _____.
- Okwesithupha kokwesithathu ku - _____.

Bhalai ihezu lendawo enombala.



Kokelezelza iqhezu elikhulu kunei mye.

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

11 12 13 14 15 16 17 18 19 20



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

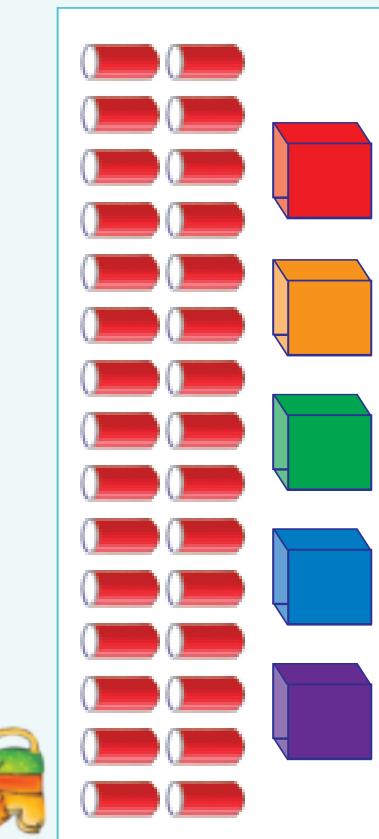
Amaqhezu: okwesihlanu

Hlukanisa amakanu uwafake emabholokisini ama -5.

Itthemu 2

5q

Faka umbala oku- $\frac{1}{5}$ kwesilinganiso serula.



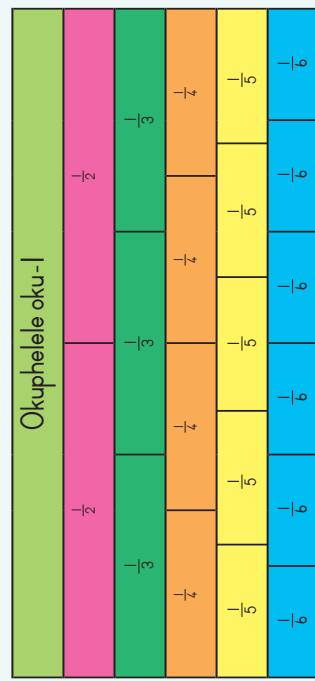
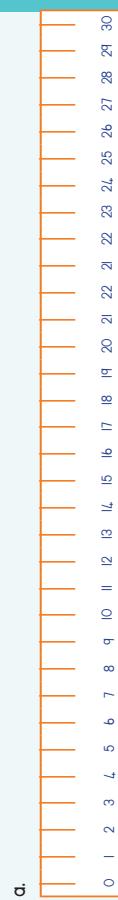
- Oku- $\frac{1}{5}$ kwamabholokisi ngamakanu a-
- Oku- $\frac{2}{5}$ kwamabholokisi ngamakanu a-
- Oku- $\frac{3}{5}$ kwamabholokisi ngamakanu a-
- Oku- $\frac{4}{5}$ kwamabholokisi ngamakanu a-
- Oku- $\frac{5}{5}$ kwamabholokisi ngamakanu a-

Buka isithombe bese uphendula imibuzo.

- Bangaki oshokoledi ebhokisini?
- Okukodwa kokuhlanu- ngoshokoledi aba-
 - Okubili kokuhlanu- ngoshokoledi aba-
 - Okuthathu kokuhlanu- ngoshokoledi aba-
 - Okune kokuhlanu- ngoshokoledi aba-
 - Okuhlanu kokuhlanu- ngoshokoledi aba-



Faka umbala oku- $\frac{1}{5}$ kwesilinganiso serula.



Kokelozela okukhulu noma okuncane.

- a. U- $\frac{1}{2}$ mkhulu/mncane kune- $\frac{1}{L}$.
- b. Oku- $\frac{1}{3}$ kukhulu/kuncane kuno- $\frac{1}{2}$.
- c. Oku- $\frac{1}{5}$ kukhulu/kuncane kunoku- $\frac{1}{6}$.
- d. Oku- $\frac{1}{6}$ kukhulu/kuncane kunoku- $\frac{1}{3}$.
- e. Oku- $\frac{3}{6}$ kukhulu/kuncane kunoku- $\frac{2}{5}$.



60

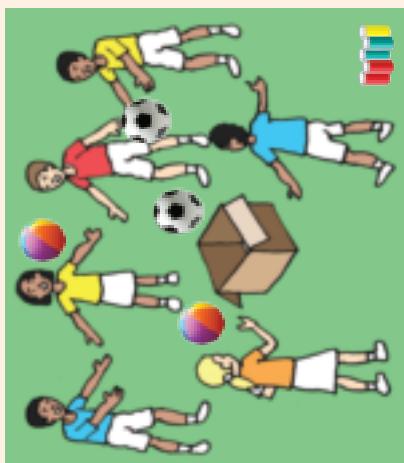
Itthemu 2

Onhlangothi - ntathu

Bala amabholksi (amabholksi).

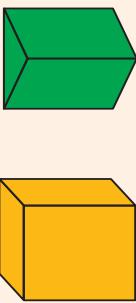
Bala amabholha (izindilingaj).

Bala amasilinda.

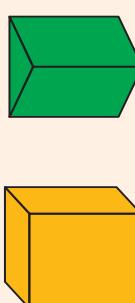


Wonke lana ngamabholksi

Sebenzisa Okusikwayo kvesi-3 nokwesi-4 ukuwenza.



Indawo euyisicaba ivame ukubizwa ngobuso. Namathisela noma udwele ubuso
ebusweni ngabunye obutholdtele.
Bungki ubuso duynamat hisele:



ikhijubhu iphrizmu

iphrizmu

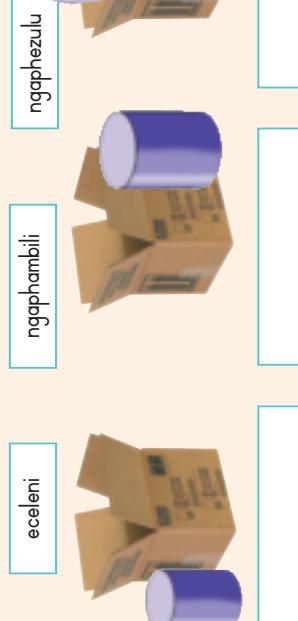
Ngabé ubuso bala mabholkisi buyiscicaba noma bugobile?



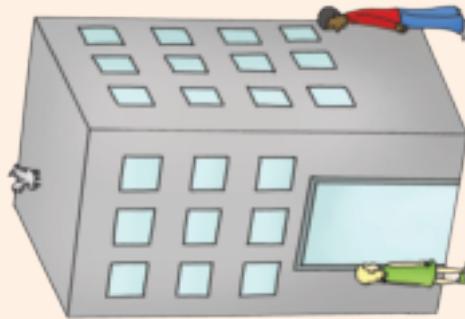
Yakkha isiinda ngoKusikwayo 4.

Ngabé ubuso besilinda buyiscicaba noma bugobile?

Sebenzisa ezakho izinto ukwakha lokhu okulandelayo:
Chaza indawo lapho kumi khona iislinda usebenzisa amagama.



Sebenzisa amagama angezansi ukuqedela imisho.



Intombazana isivelele isakhiwo.

Indada ivel kwedekhiwo.

Inyonibuka isakhiwo isivelele

eceleni ngaphambili

ngaphezulu

Usuku:

1 2 3 4 5 6 7 8 9 10

11 12 13 14 15 16 17 18 19 20

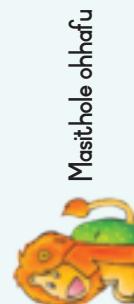
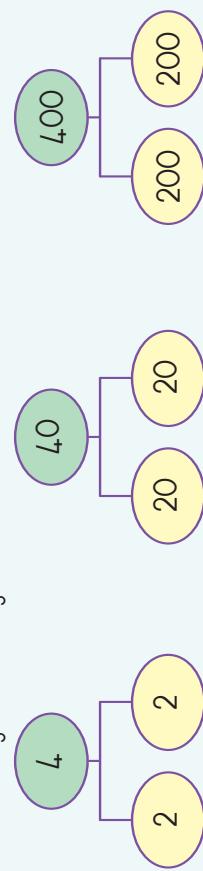
11 12 13 14 15 16 17 18 19 20

19

Ukuphindika kibili nawohhafu

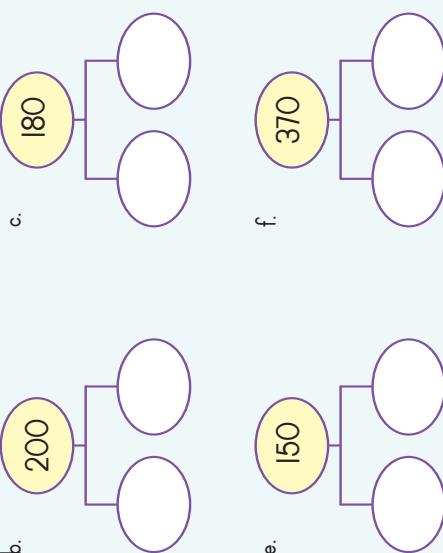
Usakhumbula? Oku-2 wuhhafu woku-4
Oku-20 wuhhafu woku-40
Okungama-40 ngokungama-20 okuphindwe kibili
Oku-200 wuhhafu woku-400 Okungama-400 ngokungama-200 okuphindwe kibili

Khumbula! Singakukhombisa ngomdwewe lokhu ...



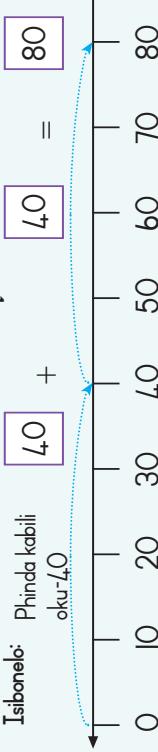
Masithole ohhafu

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

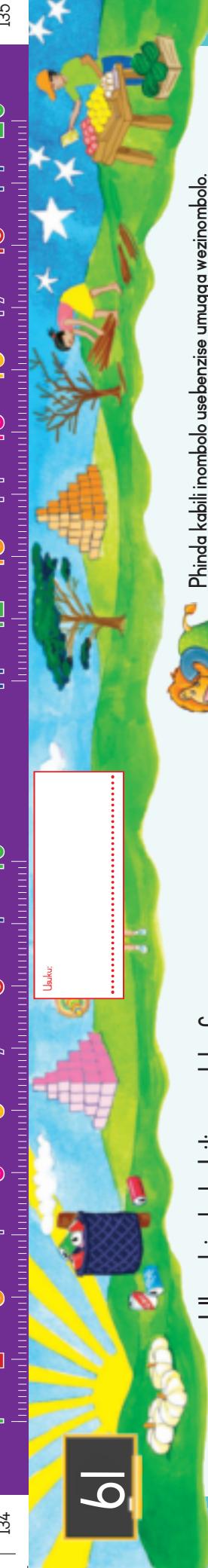


Phinda kibili inombolo usebenzise umugqa wezinombolo.

Senziwe isibonele kokokuqala.



- | | |
|--------------------------|-----|
| a. Phinda kibili i-100 | 200 |
| b. Phinda kibili i-150 | |
| c. Phinda kibili i-120 | |
| d. Phinda kibili ama-200 | |
| e. Phinda kibili i-170 | |





Okunye ukuphindika kabilii nokwenza ohhafu

Ulkuthola okuphindwe kabilii noma ohhafu

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

Ukongela ibhayiskili

U-Aakkar wonga ana-R25 ngesonento ukuze athenge ibhayiskili. Kumele athatte amasono onga?

Impendulo:

Indali

Zonke izinto zisendalini zithengisa ngamanari awohhafu
Bhada inani lentengo entweni ngaujinye.



- a. Tzingubo zokulala RI90
Intengo _____
- b. Amashidi RI54
Intengo _____
- c. Izhidlo R220
Intengo _____
- d. Imicamele R54
Intengo _____

Ithemu 2

62

Mangaki amarandi?

U'Musa ufunu ihembe. Unemali ewuhhafu wenani lalo. Malini adinga ukuyengeza? R _____



R35

Izicathulo zika - Aakkar zibiza ngokuphindwe kabili kulezi.
Zibiza malini -ke icizathulo zika -Aakkar? R _____



R78.50

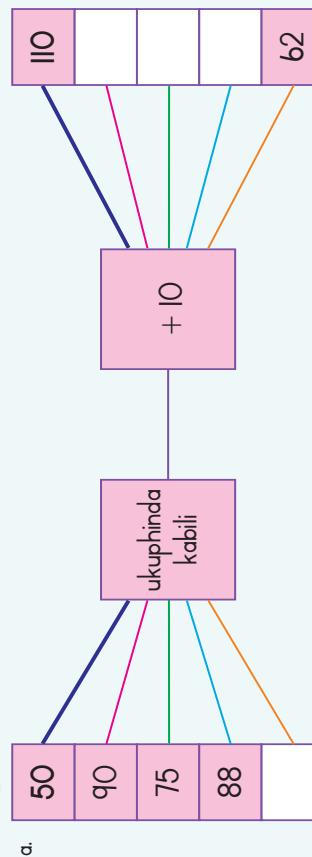
UPhindu ufunu ingubo yenani lalena eliphindwe kabili. Malini azoyikhakha uPhindi ngengabu? R _____



R97

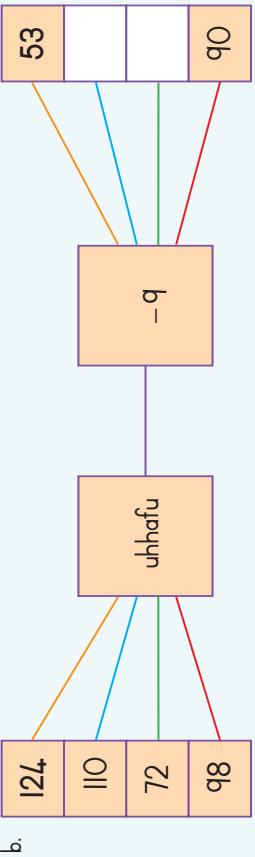
Yini engenayo? Yini ephumayo?

Landedd isibonelo. Gcwaliswa ngezinombolo ezingekho.



110

62



53

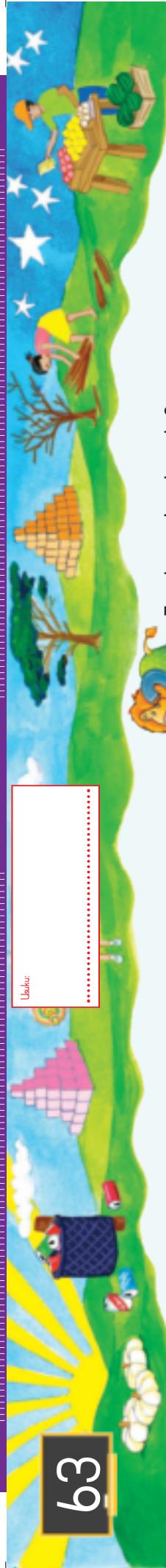
q0

1 2 3 4 5 6 7 8 9 10

11 12 13 14 15 16 17 18 19 20

141

Yenza amaqqoqo uphindé uhlanganise



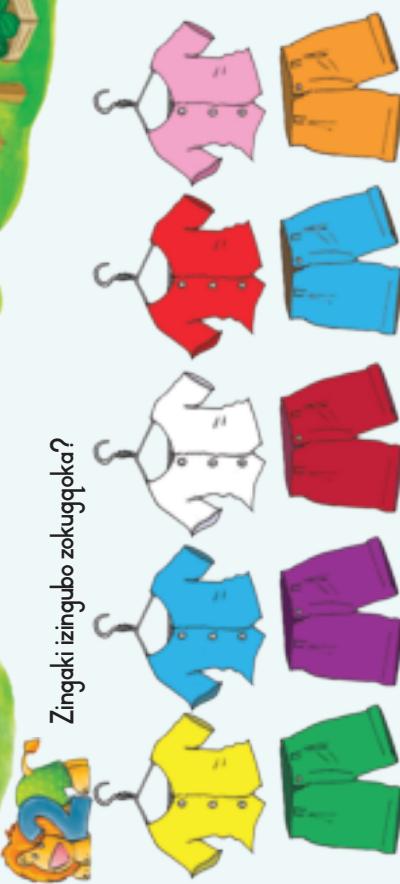
Ulkwenza amaqqembu abantwana besikole

UNkk Ndaba ufunu ukubahlukanisa babe nganamqembu alinganayo ukuze badallale kahle. Ujala ngokubafaka emaqenjinii ama 4.

Ithemu 2

63

Zingaki izingubo zokugqoka?



Uphindí unamahembe ama-5 anemibala kanye nezikhindi lezi-5 ezinemibala.

Zingaki izingubo zokugqoka ezingafani angazakha esebeenzisa inhlanganisela yale mibada?

Ishbone lo: ihembe elisasibhakkabhabka/zikhindi ezsasibhakkabhabka kumbe ihembe elisasibhakkabhabka/zikhindi eziwolintshi.

Bhalo umbala ngamunye

Hola. Qhathanisa.
Lunjisa.

a. Bala abantwana?
b. Bangamoqembu amangaki?
c. Khombisa zonke ezinye izindlila ezingasetshenziswa ukubenza amaqqembu.

11 12 13 14 15 16 17 18 19 20

Make ulinganise: Kungenezekani uma dphindi namahembe aji-6 amibalabala kanye nezikhindi ezijisi-6?

Hola. Qhathanisa.
Lunjisa.

Angenza izinto ezingaki zokugqoka?

1 2 3 4 5 6 7 8 9 10

O
□
△

Teacher:
Sign:
Date:

b4

Masiidle ngezibalo

Thola umthetho

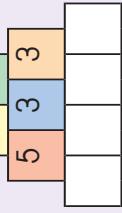
Sebenzisa umthetho ukuthola izinombolo ezicashile.

Ukuthola izinombolo

14

8 6

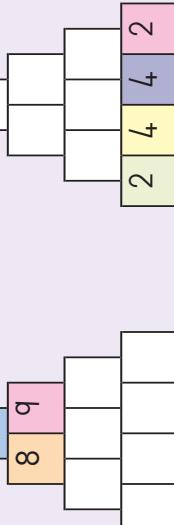
5 3 3



Yenza lokhu -ke manje.

17

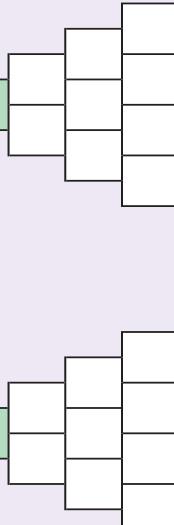
8 q



Yakho o-20 ngezindlela ezi-3 ezingafani.

20

20



Inselelo

Bona -ke

Sebenzisa izinombolo 1, 2, 3, 4 no-5.

Izinombolo ezi -3 emgqeni ngamunye kumele zihlangane zenze i-10.

Umthetho: Izombolo ngajinye yisebenzise kanye.

Itthemu 2

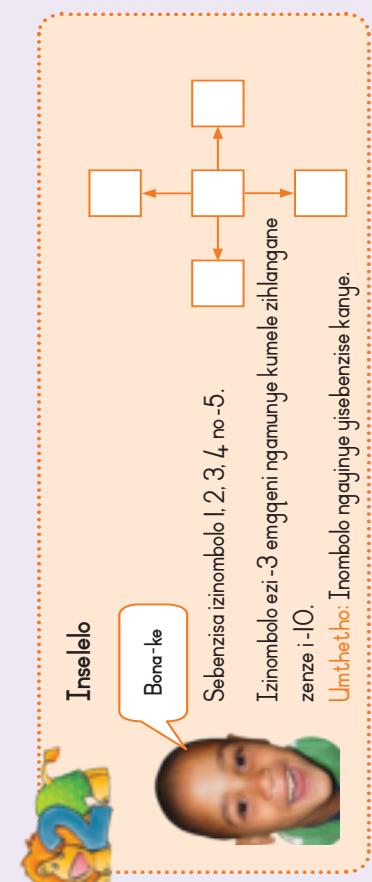
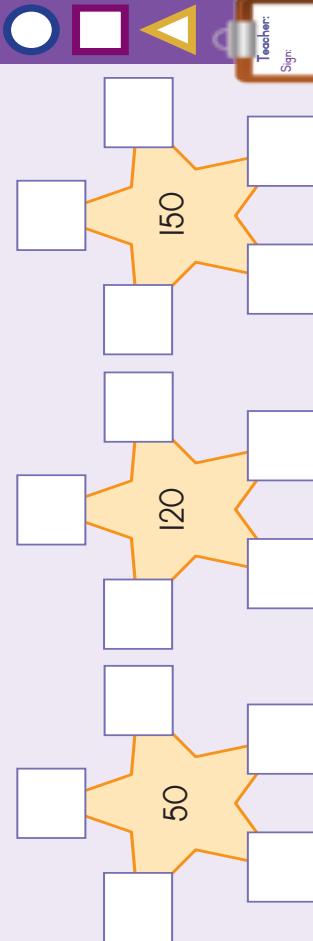
a. Umthetho: Izinombolo emgqeni ngamunye kumele zihlangane zakhle isamba se-16.

2	5	3	6
			2

b. Umthetho: Izinombolo ezi-3 ezivundla emgqeni kanye nezehlangana zenze inombolo ephakathi zakhle isamba esifanayo.

2	7	6	
q		1	
		3	8

c. Umthetho: Bhala nomayiphizinombolo ezi-5 ezihlangana zenze inombolo ephakathi nendawo enkanyezi.



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

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

I O O

I O I

2 O O 2 O 2

3 O O 3 O 3

4 O O 4 O 4

5 O O 5 O 5

6 O O 6 O 6

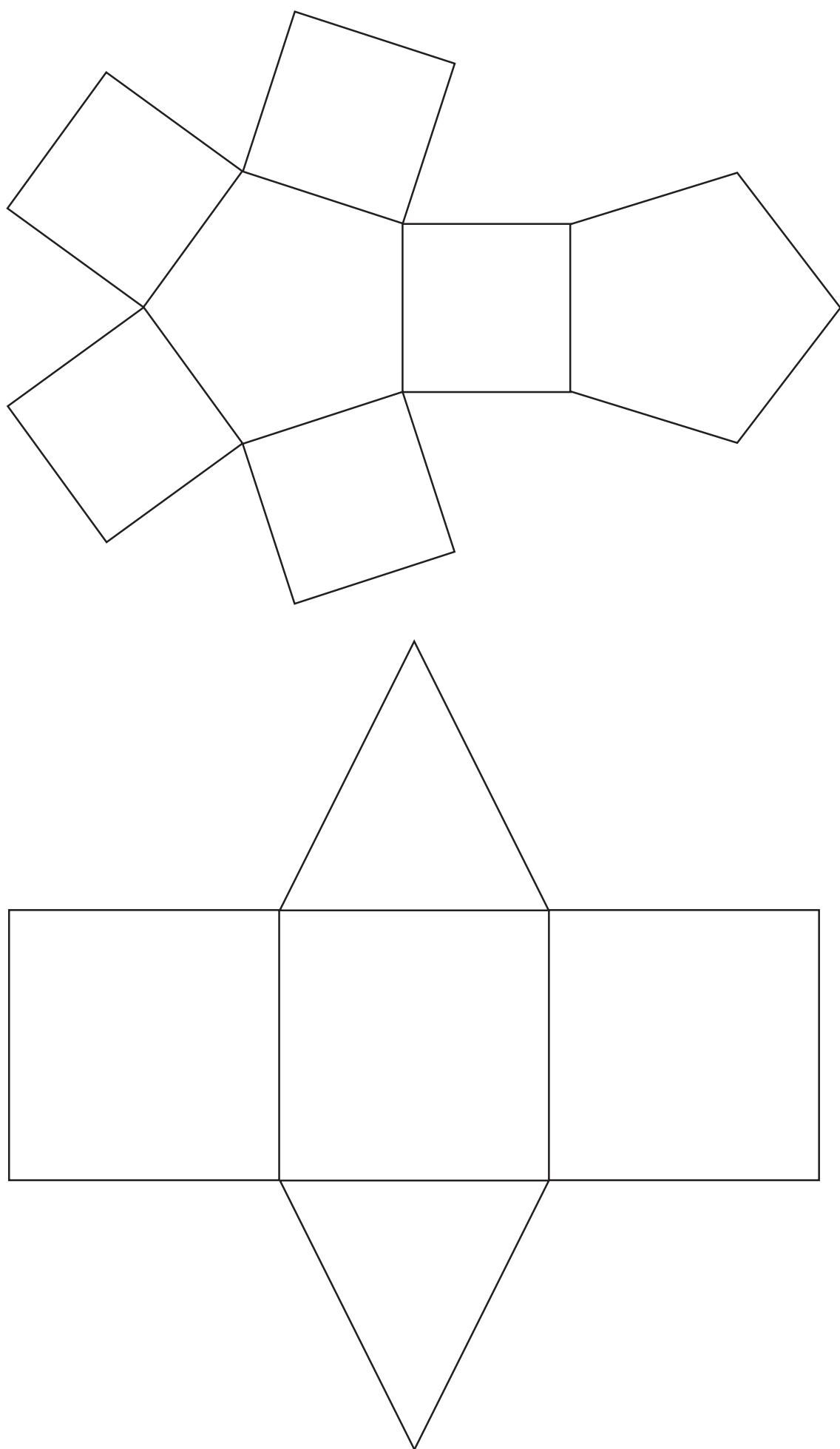
7 O O 7 O 7

8 O O 8 O 8

q O O q O q

Okusikwayo kwesi - 2

Cut-out 3



Cut-out 4

