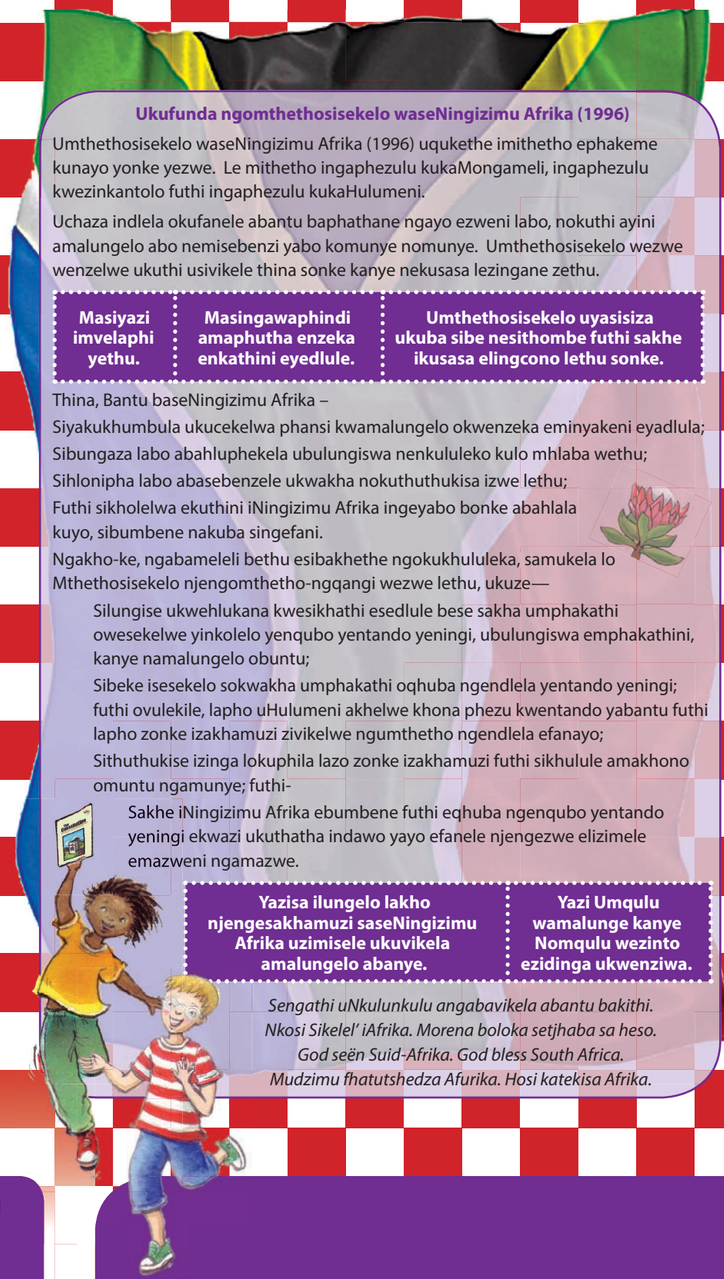


Ukufunda ngomthethosisekelo waseNingizimu Afrika (1996)

Umthethosisekelo 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.**	**Umthethosisekelo uyasisiza ukuba sibe nesithombe futhi sakhe ikusasa elingcono lethu sonke.**

Thina, Bantu baseNingizimu Afrika –

Siyakukhumbula ukucekelwa phansi kwamalungelo okwenzeka eminyakeni eyadlula;

Sibungaza labo abahluphekela ubulungiswa nenkululeko kulo mhlaba wethu;

Sihlonipha labo abasebenzele ukwakha nokuthuthukisa izwe lethu;

Futhi sikholelwa ekuthini iNingizimu Afrika ingeyabo bonke abahlala kuyo, sibumbene nakuba singefani.

Ngakho-ke, ngabameleli bethu esibakhethe ngokukhululeka, samukela lo Mthethosisekelo njengomthetho-ngqangi wezwe lethu, ukuze—

- Silungise ukwehlukana kwesikhathi 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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GRADE 3 – BOOK 1
TERMS 1 & 2
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Ibanga lesi- 3

Incwadi yoku-1
Ithemu 1 & 2

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UNkk Angie Motshekga, uNgqongqoshe weMfundo eyiSesekelo



UMnu Enver Surty, iSekela loMnyango weMfundo eyiSesekelo

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

Lezi zincwadi ezibizwa ngeRainbow Workbooks ziyingxenye yoMnyango weMfundo eyiSesekelo lapho uMnyango uzama khona ukungenelela ukuze kuthuthukiswe imfundo yabantwana bamabanga asuka kwelokuqala kuya kwelesithupha eNingizimu Afrika. UMnyango weZimali uxhase lo mkhankaso kaHulumeni njengento yokuqala uHulumeni azibekele yona ukuthi ayisukumele. Uxhaso loMnyango weZimali lusize uMnyango wezeMfundo ukuthi ukwazi ukukhiqiza 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 nomfundi omfundisayo impumelelo ngenkathi usebenzisa lezi zincwadi.



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Ibanga lesi-3

Rainbow WORKBOOKS

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NGESIZULU

Le ncwadi ngeka-:

_____

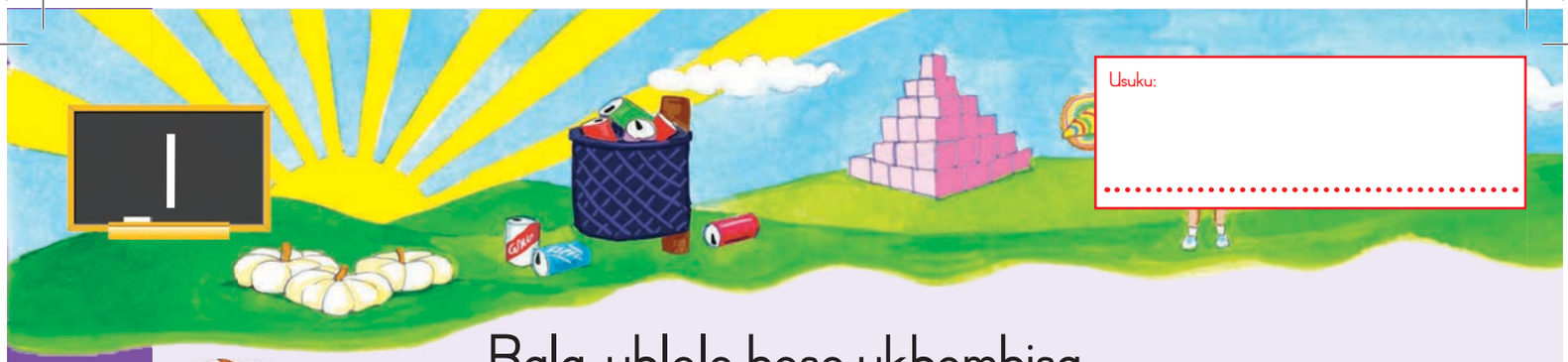


ISIZULU

Incwadi yoku-

1

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Usuku:

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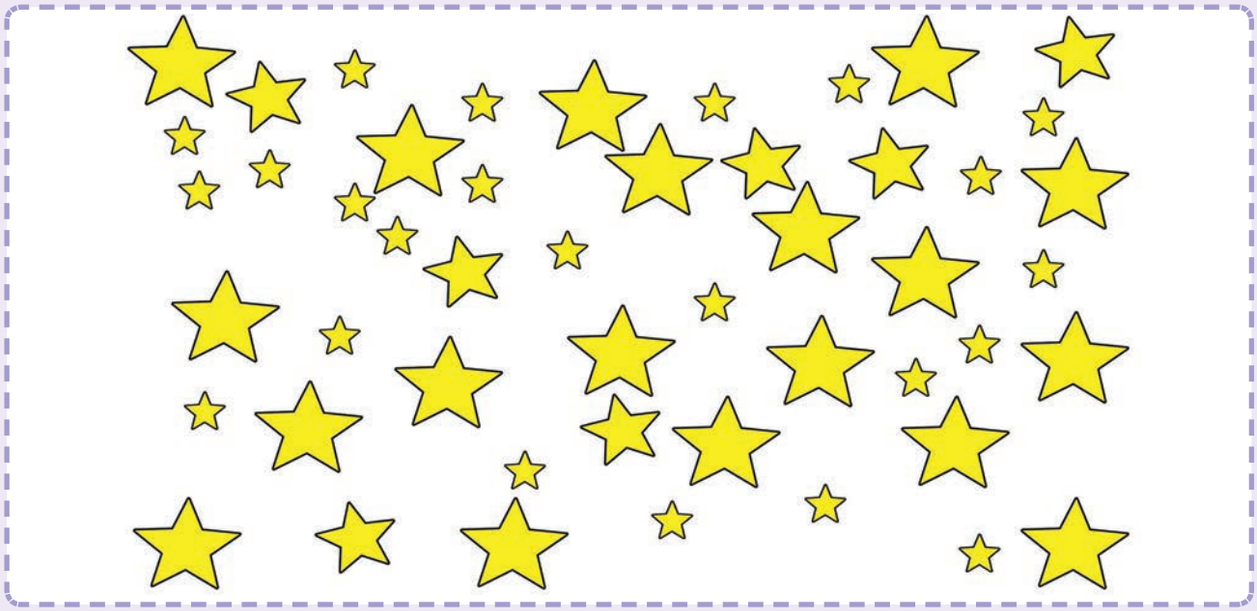
Ithemu I

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				



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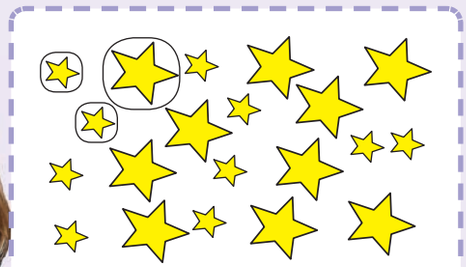




Izindlela zokubala. Masisizane sizibhale phansi:

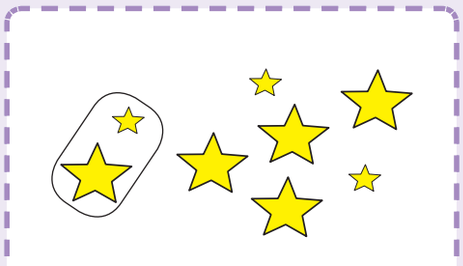


Ngibale ngakunye.



1, 2, 3, _____

_____



2, _____

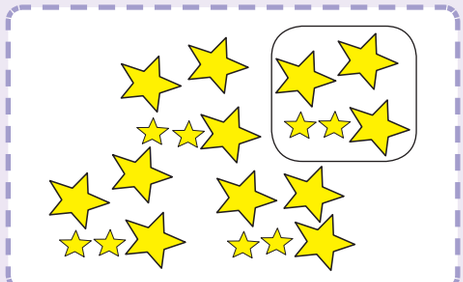
_____



Ngibale ngakubili.

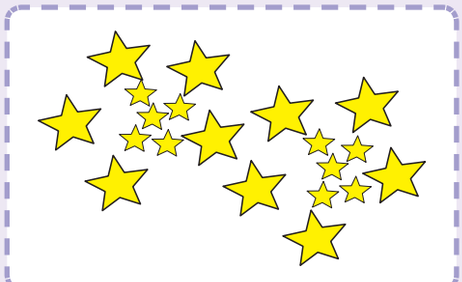


Ngibale ngakuhlanu.



5, _____

_____



_____

_____



Ngibale ngamashumi.



Bhala imisho yezinombolo

Uma uhlanganisa izinombolo ezimbili akunandaba ukuthi zilandelana kanjani.

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

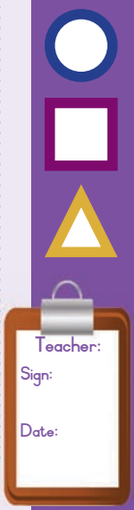
Ezinkulu Ezincane Kanje *noma* kanje

 +  = _____

 +  = _____

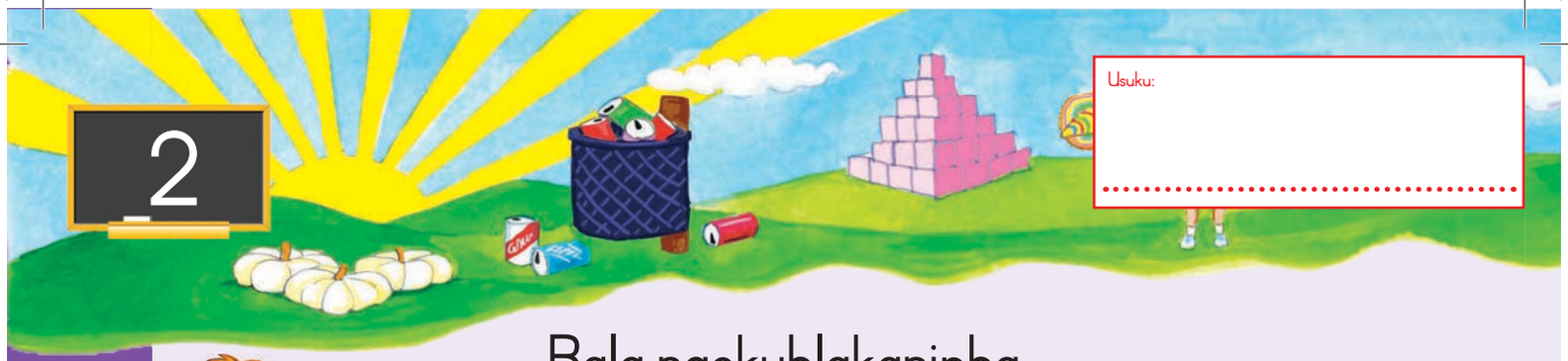
Kanye nangomusho wezinombolo.

_____ + _____ = _____ *noma* _____ + _____ = _____



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2

Usuku:

.....

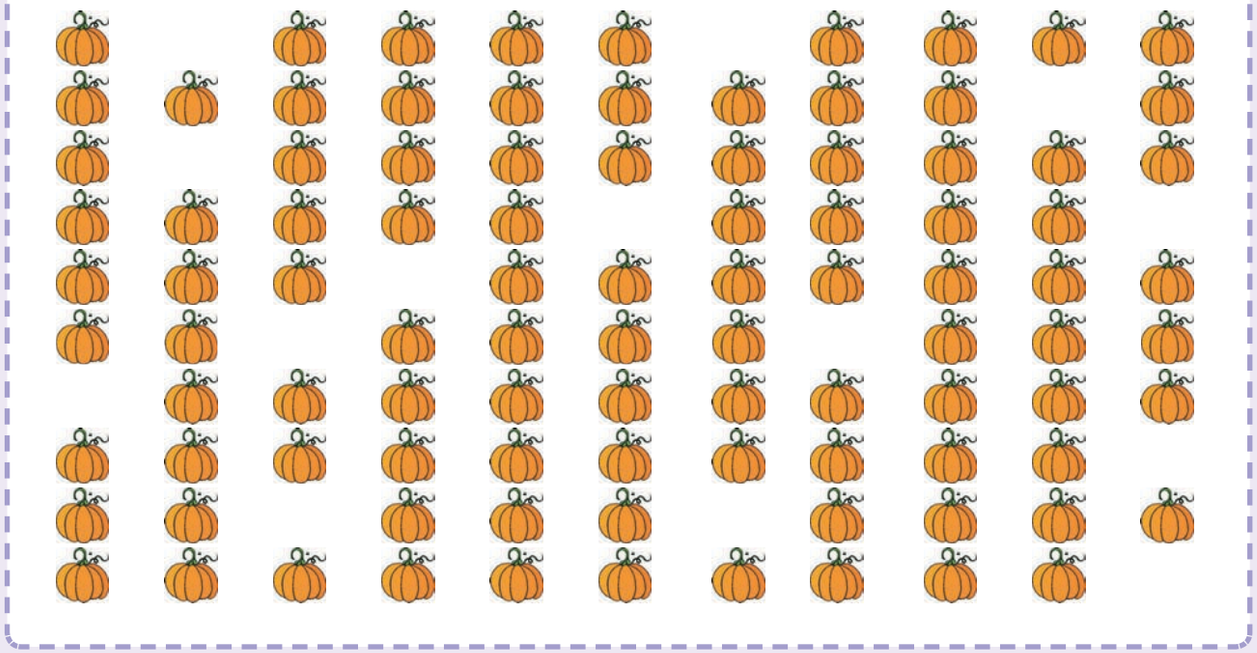
Ithemu I

Bala ngokuhlakanipha



Ukubala amathanga

Thola indlela elula yokuwabala.



Impendulo: _____



Ukufaka ndawonye amathanga

Ayishumi amathanga alingana esakeni elilodwa.



Zingaki izikhwama ozigcwalise ngamathanga? _____

Mangaki amathanga asele? _____

Mangaki amathanga adingekayo ukuze kugcwale elinye isaka? _____



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

Qedela umusho wezinombolo

Isibonelo:

10 + 10 + 10 + 10 = 40 ⟹ amaqoqo ama-4 ezinto ezi-10 = 40 ⟹ 4 × 10 = 40



a. 10 + 10 + 10 = _____

_____ amaqoqo okuyi-10 = _____ ⟹ _____ × _____ = _____



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

_____ amaqoqo okuyi-10 = _____ ⟹ _____ × _____ = _____

Izandla neminwe



Zingaki izandla? _____ Mingaki iminwe? _____

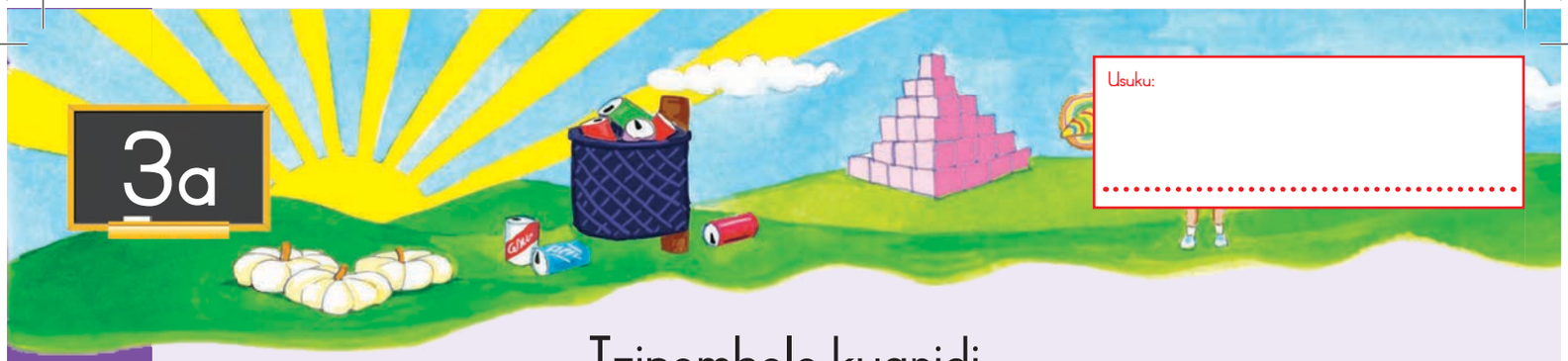
Bhala impendulo ngezindlela ezimbili.

_____ amaqoqo okuyi-10 = _____ kanye _____ × 10 = _____

Teacher:
Sign:
Date:

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Izinombolo kugridi



Ukukhuluma ngezinombolo

Bala usho zonke izinombolo kusukela kweyoku-1 kuya kweye-100.
Khomba ngesikhathi uqhubeka.

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



a. Bhala inombolo engekho ebhokisini ngalinye eliluhlaza.

b. Bhala ezinye izinombolo.

c. Lezi eziphuzi ziluhlobo luni lwezinombolo?



Bhala izinombolo ngamagama.

90	amashumi ayisishiyagalolunye	41	
77		56	
14		65	



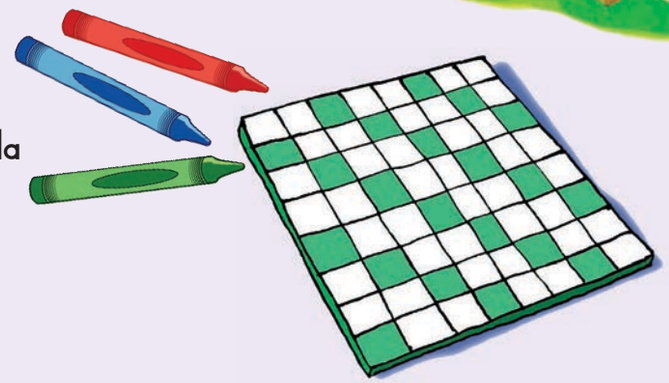
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Ukubala nokufaka umbala

Zilungiselele ukubala imibala!



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

Bala bese ufaka umbala okungama-10.

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

Bala bese ufaka umbala okungakuhlanu kusukela e-0 uye e-100.

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

Bala 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.

Teacher:

Sign:

Date:

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3b

Usuku:

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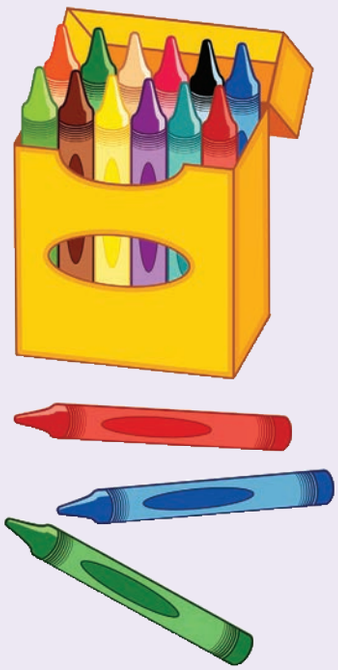
Izinombolo kugridi (kuyaqhutshwa)

Ithemu I



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 (O) ezinombolweni ezibala ngaku-2.

Bhala izinombolo ezibala ngaku-2 nangaku-5.

_____

_____

_____

_____



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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

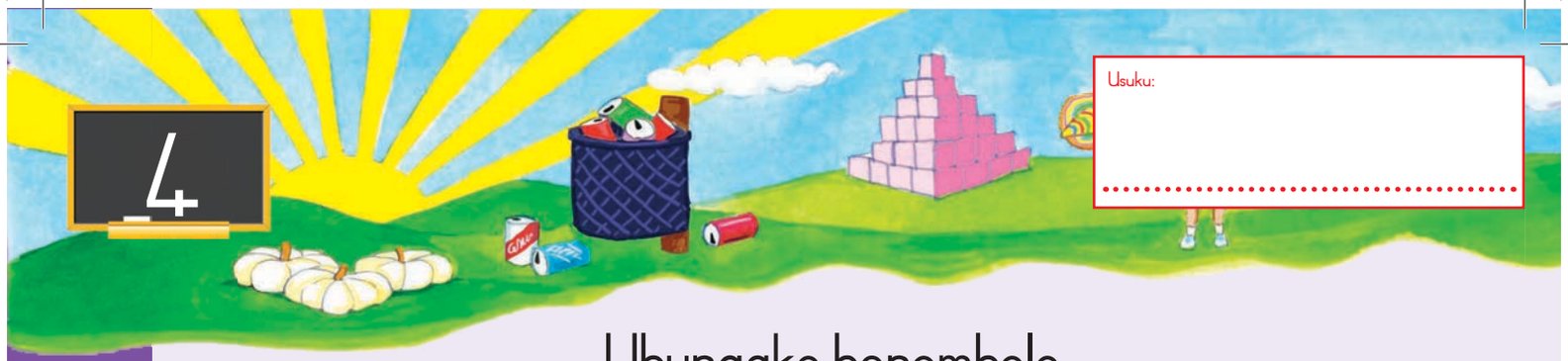
0; 3; _____; 9; _____; 15; 18; _____; 24; _____; _____; 33; _____; 39;

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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Usuku:

Ithemu I

Ubungako benombolo



Khombisa izinombolo

Sika amakhadi ezinombolo kokusikwayo koku-1.
Sebenzisa amakhadi owasikile ukwakha lezi zinombolo.

19 43 69 54 35



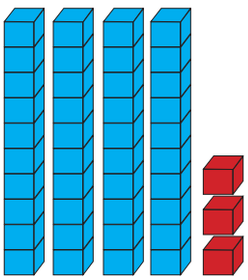
19



1 0 9

10 + 9 = 19

43



1 0
1 0
1 0
1 0 3

40 + 3 = 43

Zenzele wena lezi zinombolo usebenzise okusikwayo koku-1.

54

35

69

1 2 3 4 5 6 7 8 9 10

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Bhala lezi zinombolo

Sikwenzele okokuqala.

19	10 + 9	Ishumi eli-1 + imivo eyi-9	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.

_____; _____; _____; _____; _____

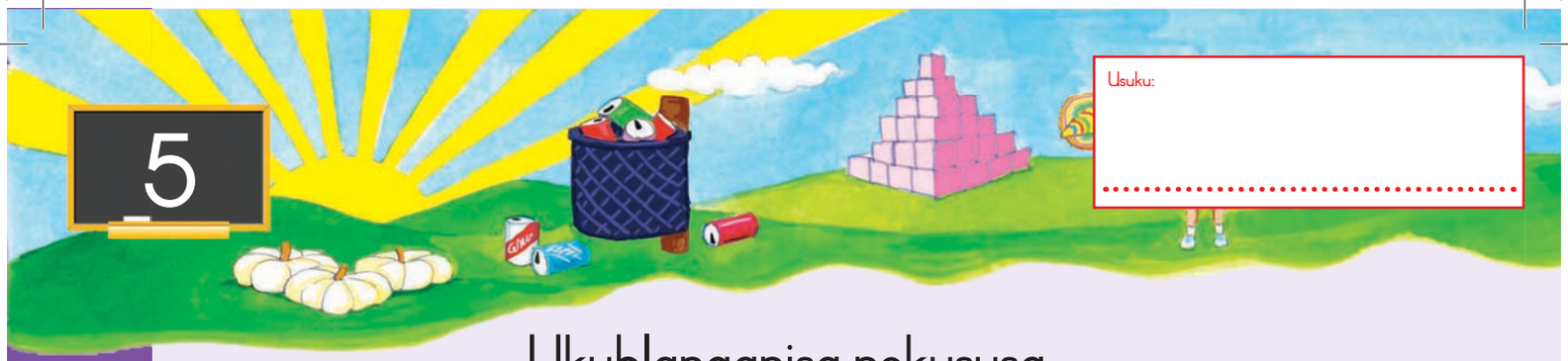
Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

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5

Usuku:

Ithemu I

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.

_____ – _____ = _____

Bhala eminye imisho yezinombolo emihlanu ukukhombisa impendulo efanayo.
15 – 9 = 6 _____ _____ _____ _____ _____



Ukuzejwayeza izinombolo

Bhala izimpendulo.

1+2=3

Sebenzisa ...
+ – =

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



Imindeni yezinombolo

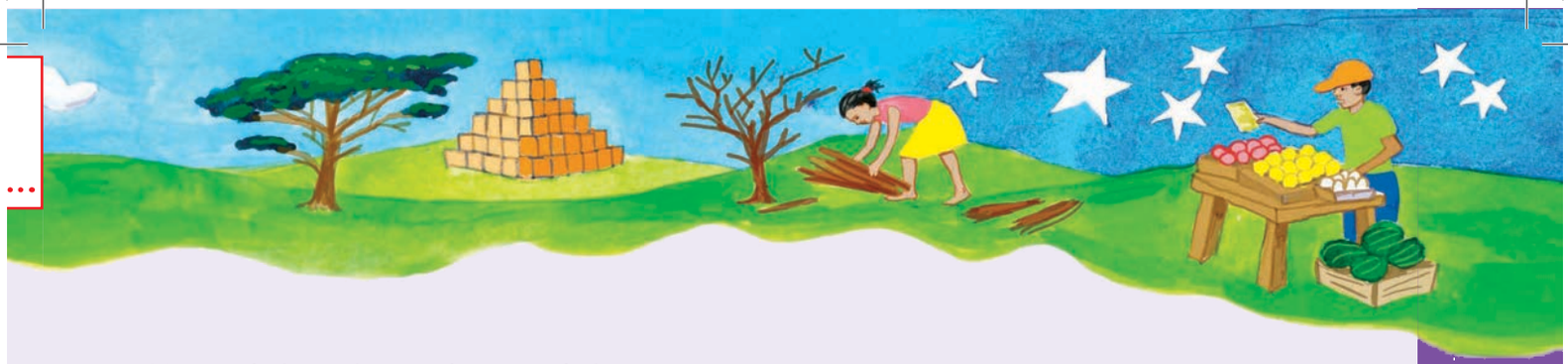
5 9 14

Nazi izibonelo (zemindeni yezinombolo).

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

1 2 3 4 5 6 7 8 9 10

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Ungayithola yonke imindeni 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.

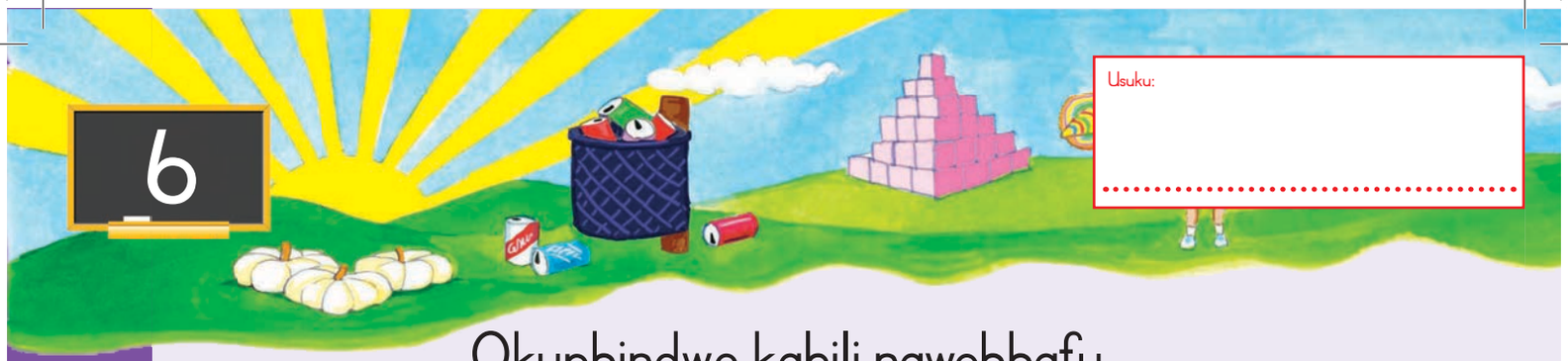
12

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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Okuphindwe kabili nawohhafu

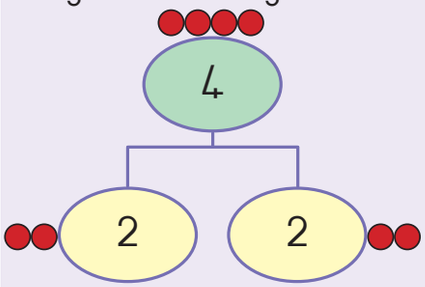
Usakhumbula?

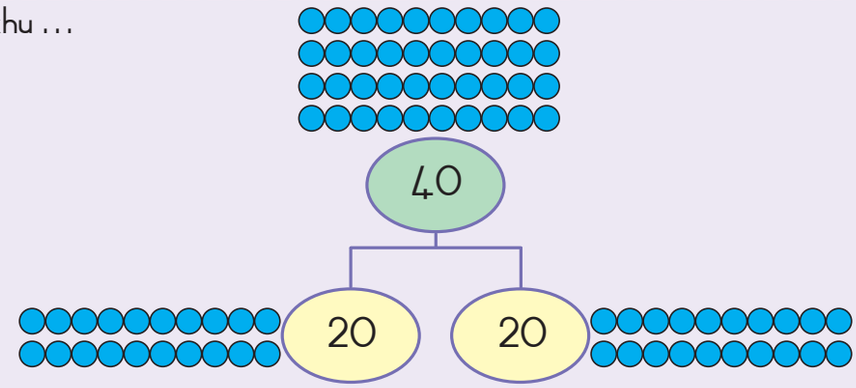
oku-2 uhhafu woku-4

koku-4 uphinda kabili oku-2

kokungama-40 uphinda kabili okungama-20

Singakukhombisa ngomdwebo lokhu ...

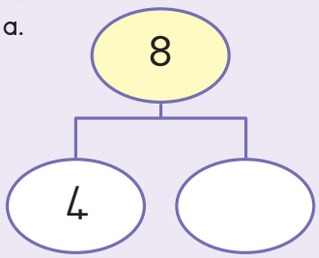




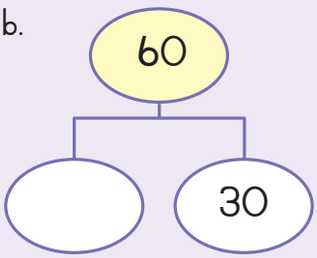


Ukuthola okuphindwe kabili noma okungohhafu

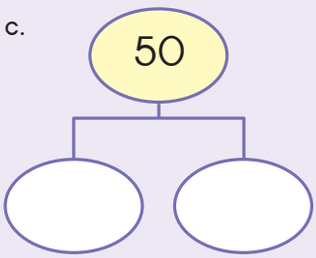
a.



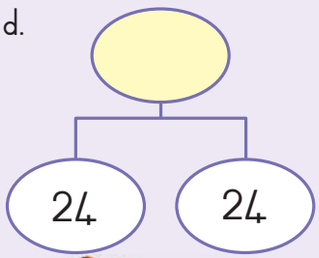
b.



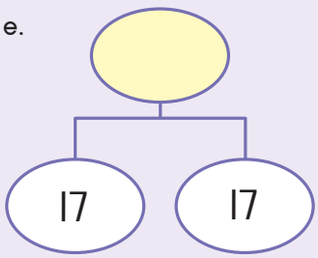
c.



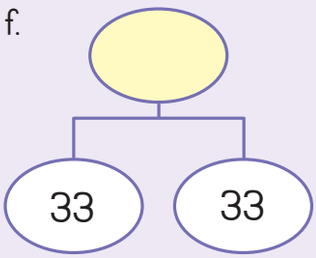
d.



e.



f.





Inselele

Thola uhhafu woku-3.

Kukhombise lokhu ngenombolo noma ngegama lenombolo.
Ungakusiza umdwebo.

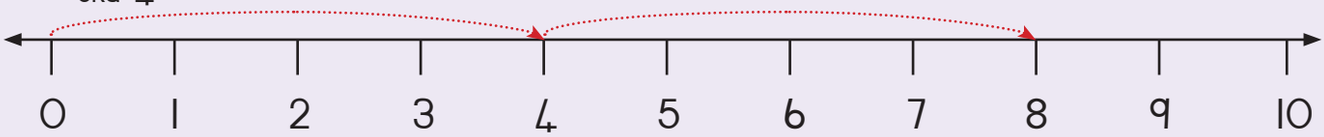
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Phinda kabili inombolo usebenzise umugqa wezinombolo.
Eyokuqala wenzelwe yona njengesibonelo.

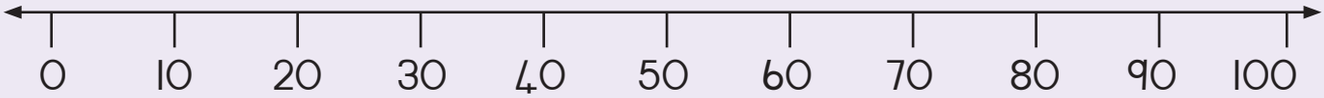
a. Phinda kabili oku-4: 4 + 4 = 8



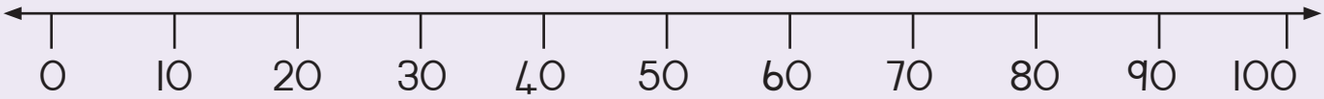
b. Phinda kabili oku-5: ☐ + ☐ = ☐



c. Phinda kabili ama-20: ☐ + ☐ = ☐



d. Phinda kabili ama-40: ☐ + ☐ = ☐





Qedela lokhu okulandelayo:

a. Phinda kabili oku-1	2
b. Phinda kabili okuyi-6	
c. Phinda kabili i-10	
d. Phinda kabili ama-30	
e. Phinda kabili ama-50	



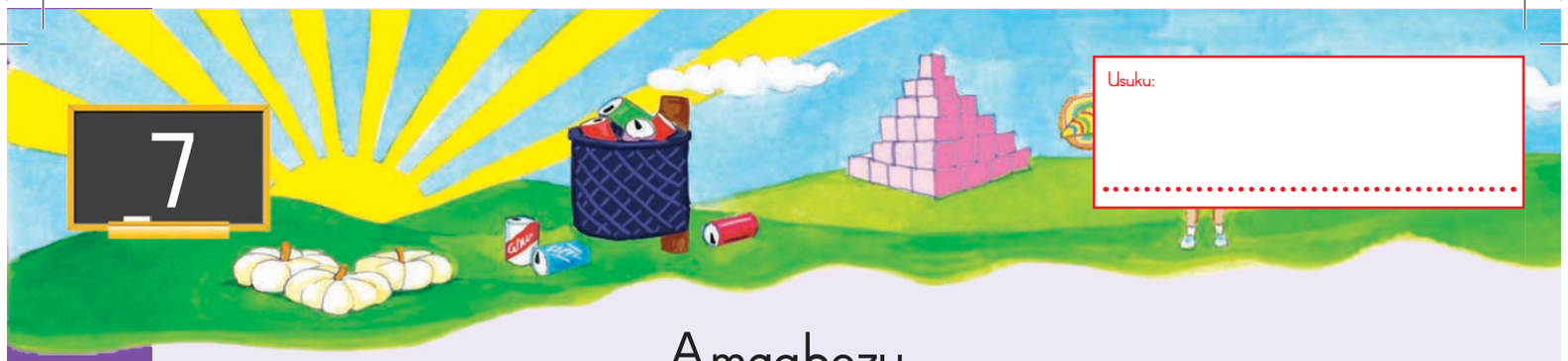
Qedela lokhu okulandelayo:

a. Phinda kabili okuyi-6	3
b. Phinda kabili okuyi-8	
c. Phinda kabili okuyi-14	
d. Phinda kabili okungama-60	
e. Phinda kabili okungama-70	



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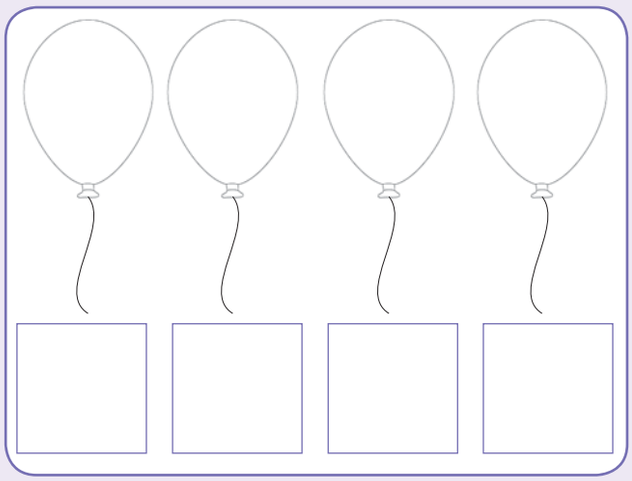


Amaqhezu

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

Faka umbala obomvu kuhhafu webhokisi ngalinye.

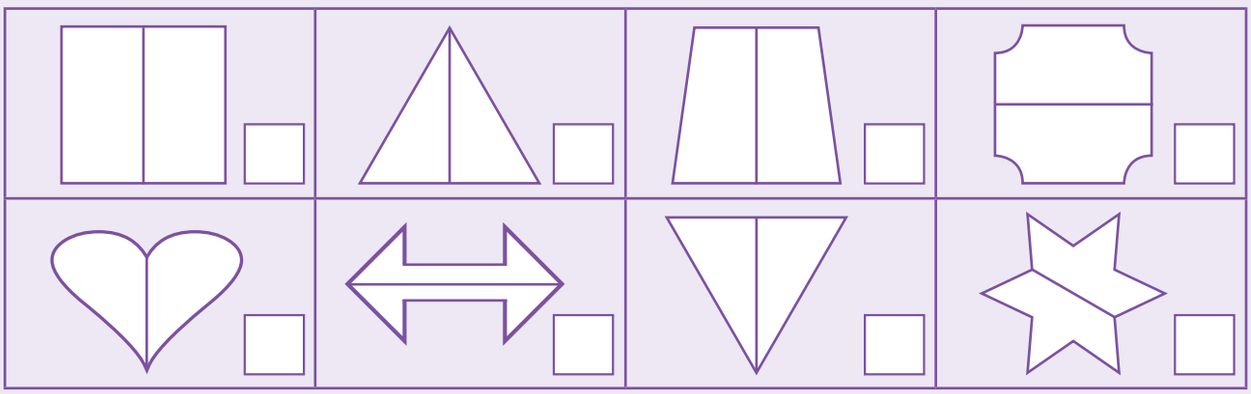
Buka izimo.





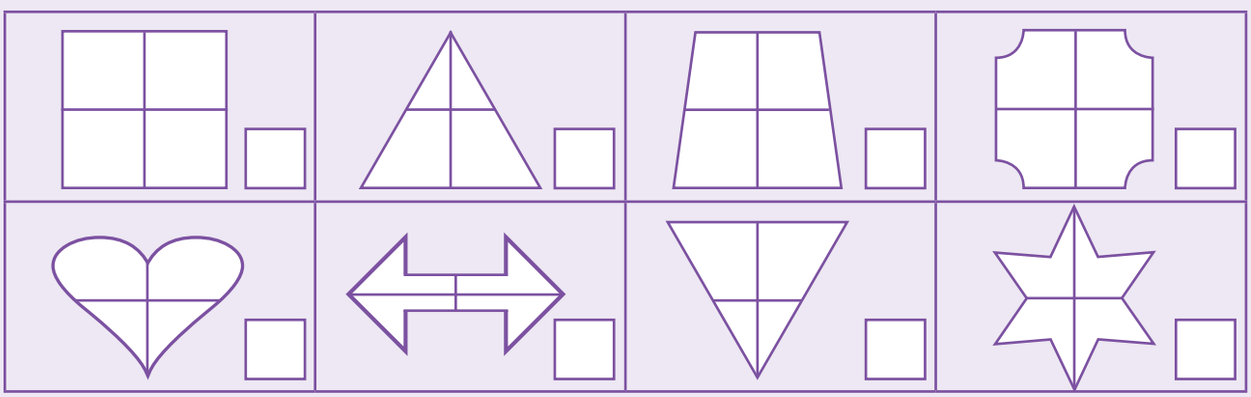
Buka izimo. Faka uphawu (✓) ezimweni ezikhombisa uhhafu.

Faka umbala uhhafu ngamunye wesimo kulezo ezehlukaniswe zaba ngohhafu.





Buka izimo. Faka uphawu (✓) ezimweni ezikhombisa amakota. Faka umbala ikota elilodwa lezimo ezehlukaniswe zaba ngamakota alinganayo.

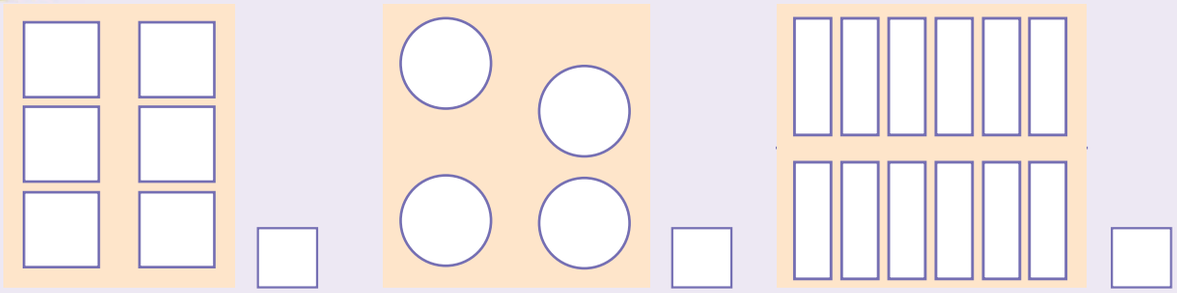


ZUL NUM G6 B1 WS1-16.indd 16 2014/05/09 12:48 PM



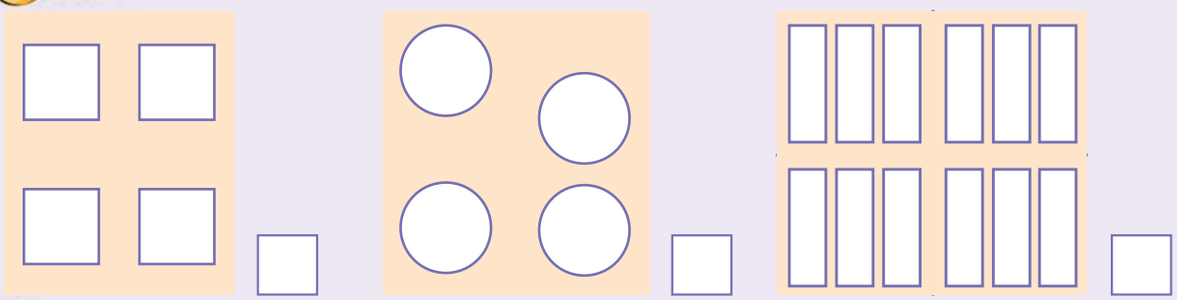


Faka umbala kuhhafu wezimo. Yini uhhafu wenani lezimo?





Faka umbala ikota lezimo.Yini ikota lenani lezimo?

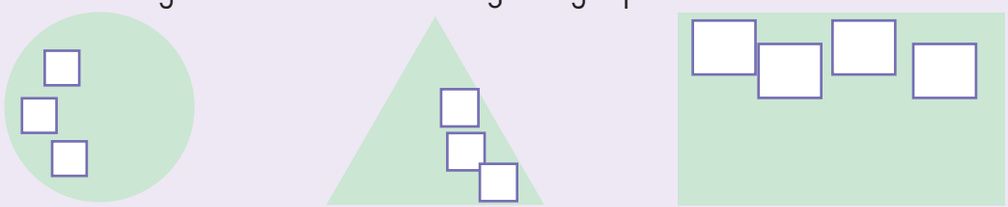




Bhala iqhezu lalokhu: uhhafu ☐ ikota ☐

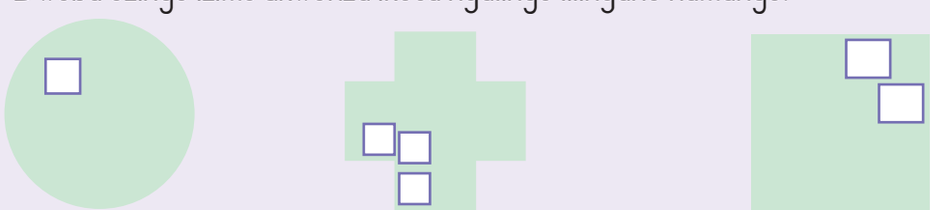


Dweba ezinye izimo ukwenza uhhafu ngamunye uphelele.





Dweba ezinye izimo ukwenza ikota ngalinye lilingane namanye.







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8

Usuku:

Ithemu I

Ukuhlela imali



Esitokofeleni

UMaLubisi ubala aphinde ahlele imali yeqembu.











Linganisela isamba.	R_____
Bala imali.	R_____

Qhathanisa ukulinganisela kanye nesamba.



Ukonga imali

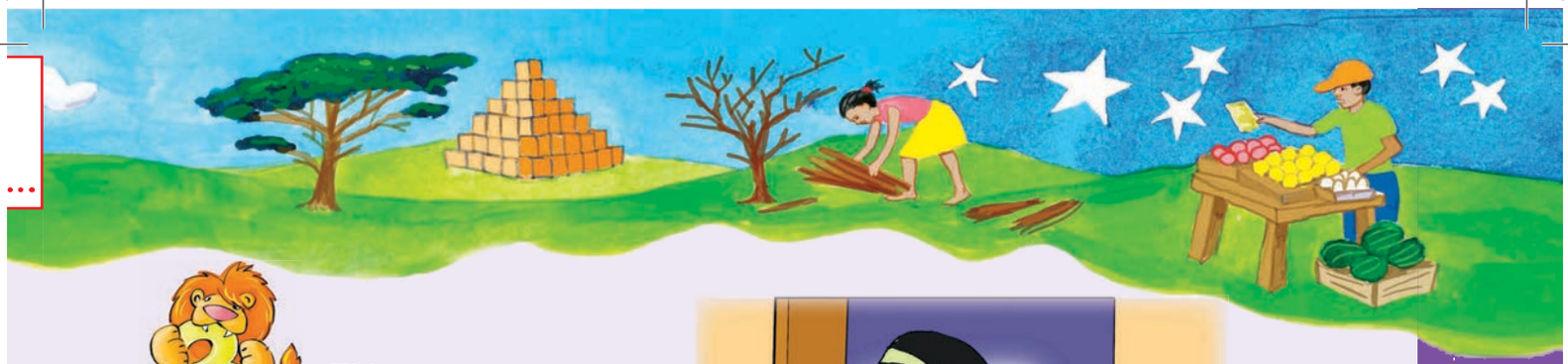


UGugu wongela izicathulo ezibiza ama-R89.
Kuze kube manje unohhafu wenani.
Udinga malini ngaphezulu?
Bhala umusho wezinombolo ukukhombisa impendulo.

_____ _____ _____



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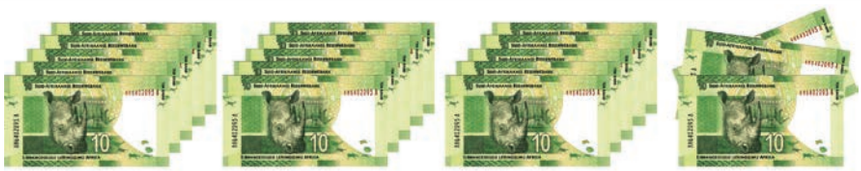




Ebhange

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



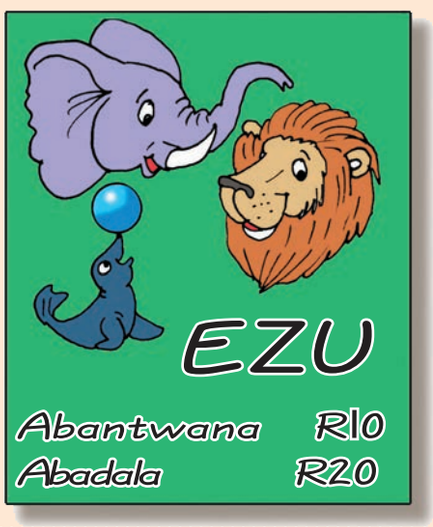
	Isamba
	R_____
	R_____
	R_____



Inselele

Uhambo lwasezu

Abanye abantu abadala nezingane baya ezu.
Bathenga amathikithi ngama-R90.
Zingaki izingane? _____
Bangaki abadala? _____
Ikhona enye impendulo?_____
Izingane _____
Abadala _____



Teacher:
Sign:
Date:

ZUL NUM G3 B1 9781431500147.indb 19 2014/05/08 10:00 AM



Usuku:

.....

Ithemu I

Amaphethini



Sebenzisa ibhodi lezinombolo ezingama-200 ukuphendula le mibuzo.

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



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

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

1 2 3 4 5 6 7 8 9 10

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

Bala ngakuhlanu.

				5					10

Bala ngakubili.

	2		4						

Bala ngakuthathu.

		3			6				

Bala ngamashumi.

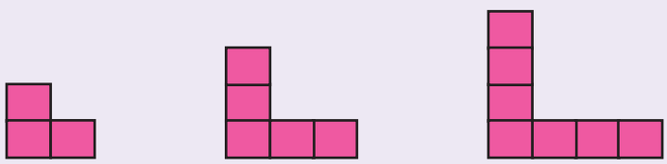
									10



Qhuba iphethini.



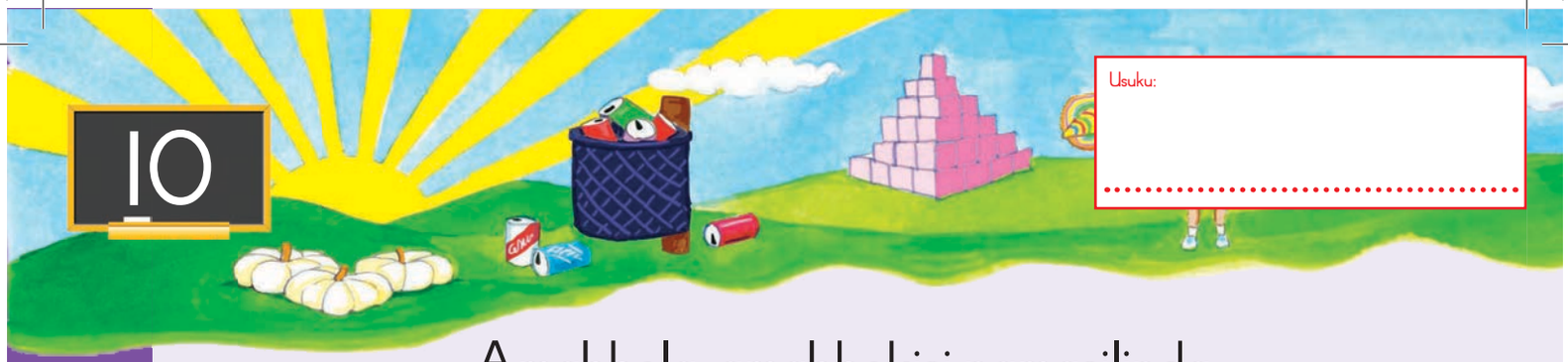






11 12 13 14 15 16 17 18 19 20

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10

Usuku:

Ithemu I

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

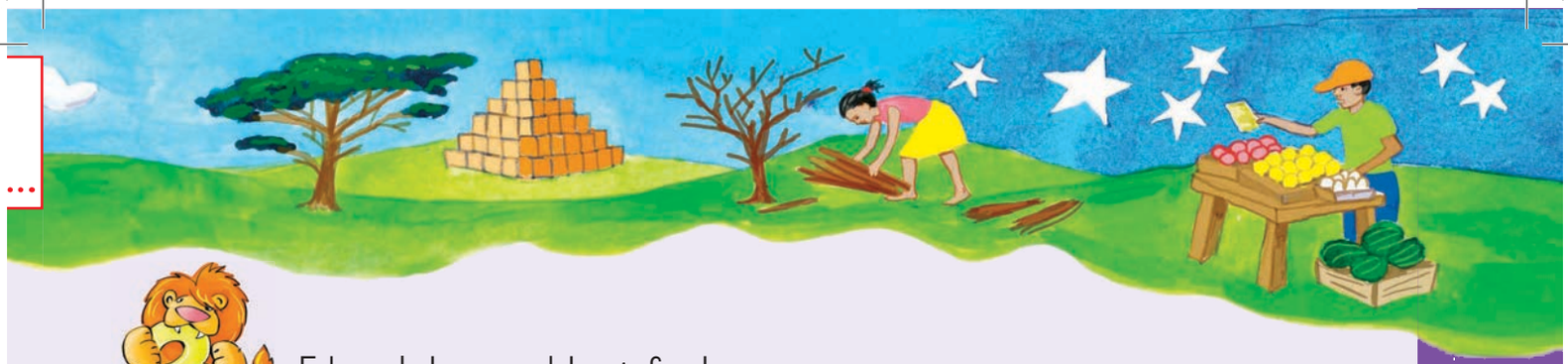


Ibhola

liyashelela | liyagingqika

1 2 3 4 5 6 7 8 9 10

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Faka umbala empendulweni efanele.



unqenqema olugobile

unqenqema oluqondile



unqenqema olugobile

unqenqema oluqondile



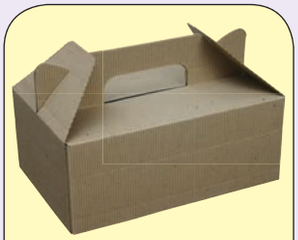
unqenqema olugobile

unqenqema oluqondile



unqenqema olugobile

unqenqema oluqondile



unqenqema olugobile

unqenqema oluqondile



unqenqema olugobile

unqenqema oluqondile



unqenqema olugobile

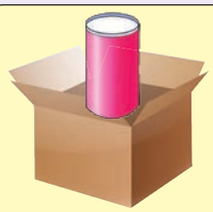
unqenqema oluqondile



unqenqema olugobile

unqenqema oluqondile

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



lingemuva | lingaphambili

liseceleni | lingaphezulu



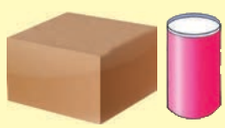
lingemuva | lingaphambili

liseceleni | lingaphezulu



lingemuva | lingaphambili

liseceleni | lingaphezulu



lingemuva | lingaphambili

liseceleni | lingaphezulu

Teacher:

Sign:

Date:

11 12 13 14 15 16 17 18 19 20

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Usuku:

Dweba izinto ezinhlangothimbili uziqambe amagama, bese uyaziqhathanisa



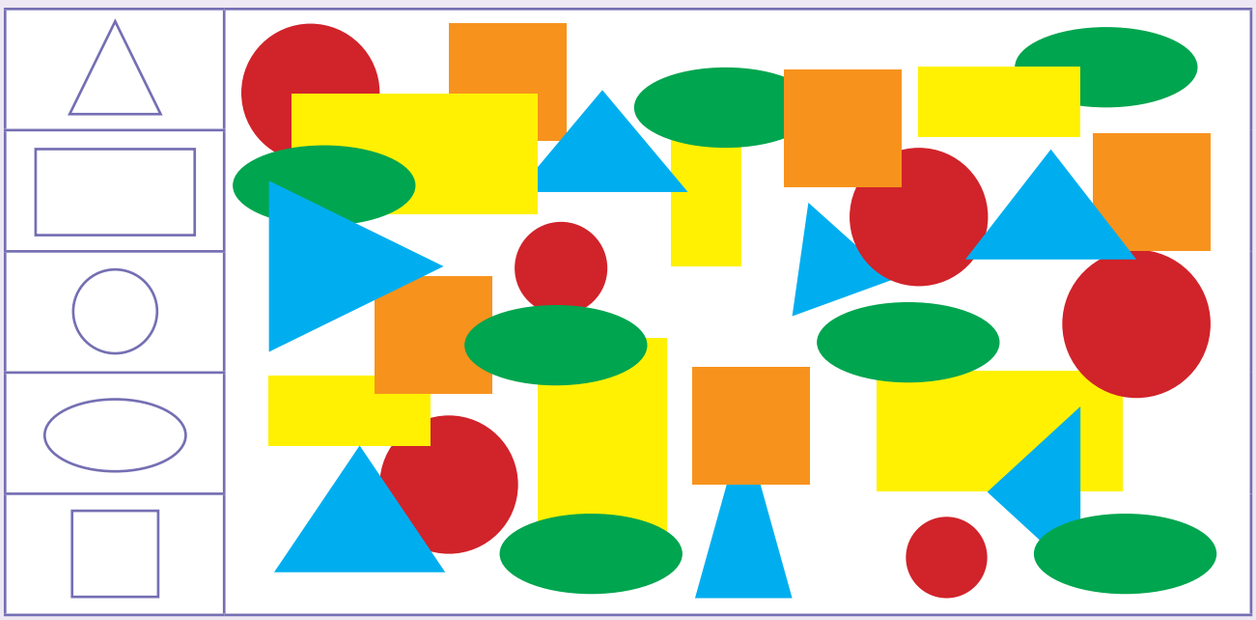
Dweba izimo

Unxantathu		Indilinga	
Isikwele		Unxande	



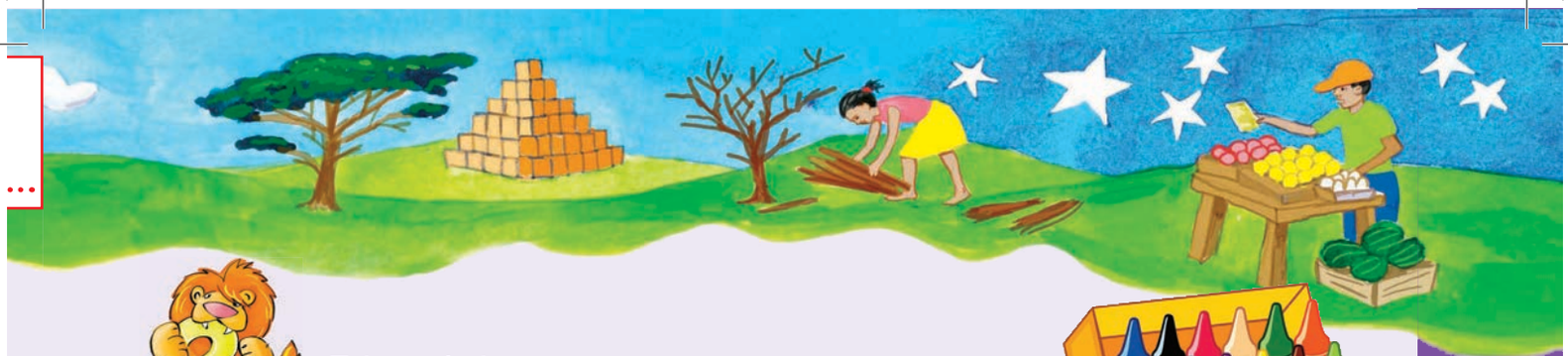
Ukubala izimo

Bala ukuthi yiziphi izimo ongazithola ezifana nalezi ozinikeziwe.



1 2 3 4 5 6 7 8 9 10

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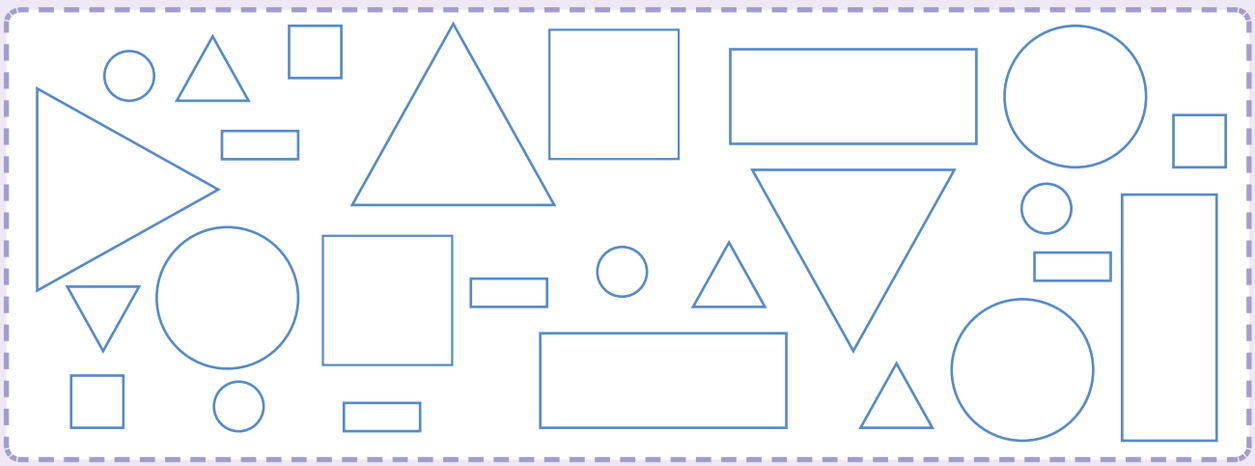




Faka umbala

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

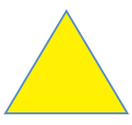
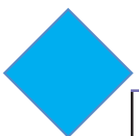
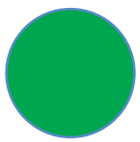






Mangaki amacala esimo ngasinye?

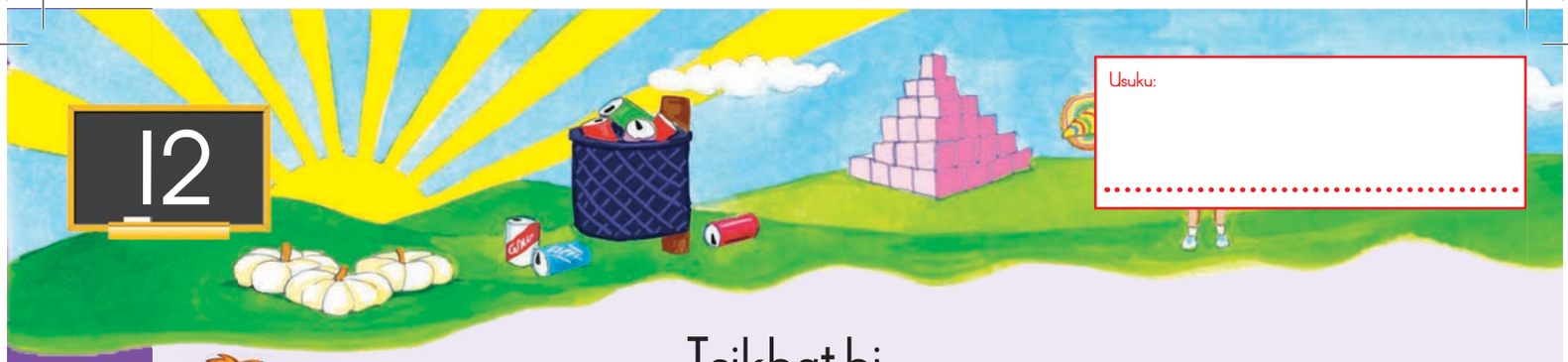
Mangaki amacala esimo ngasinye? Bhala impendulo ebhokisini. Sikwenzele isibonelo. Ingabe amacala aqondile noma agobile? Faka umbala empendulweni efanele.

 3 kuqondile / kugobile	 kuqondile / kugobile	 kuqondile / kugobile	 kuqondile / kugobile
 kuqondile / kugobile	 kuqondile / kugobile	 kuqondile / kugobile	 kuqondile / kugobile





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12

Usuku:

.....

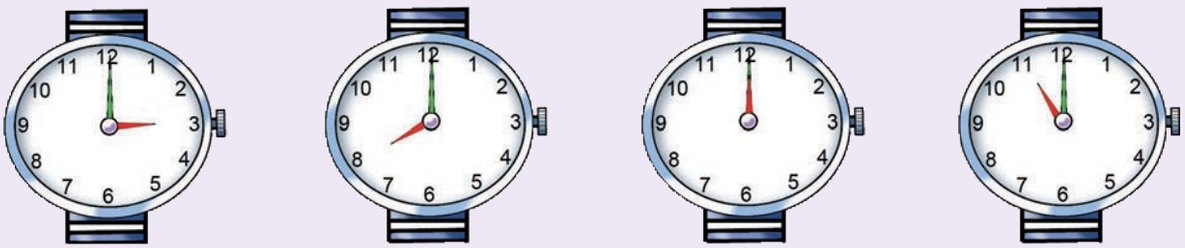
Ithemu I

Isikhathi



Ukufunda isikhathi

Qedela umusho: Yiziphi izikhathi ezikhonjiswa yila mawashi?

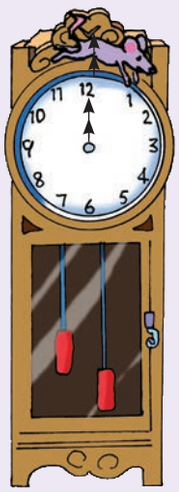


Ihora le-_____ nqo ezimpondweni	Ihora le-_____ nqo ezimpondweni	Ihora le-_____ nqo ezimpondweni	Ihora le-_____ nqo ezimpondweni



Gxuma uzungeze iwashi

Siza igundane ukubala imizuzu ngaku-5.
Qala enombolweni yeshumi nambili bese uyazungeza.



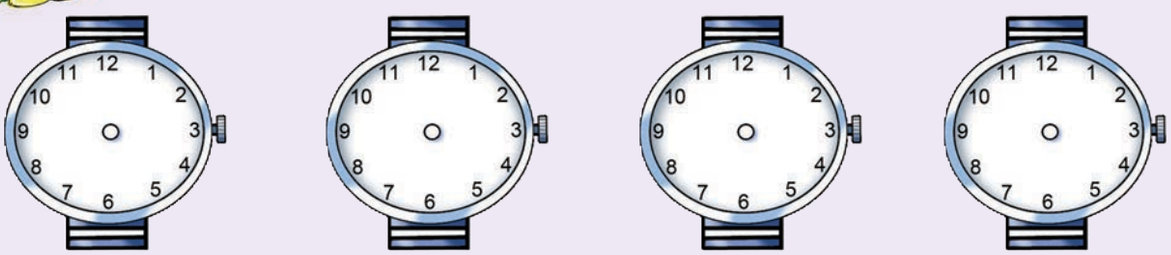
Mingaki imizuzu oyithole uma ubala? _____

Mingaki imizuzu ehoreni eli-1? _____



Ukubhala isikhathi

Dweba izinti ukukhombisa isikhathi.



Iyishumi nanhlanu lishayile elesi-6

Ingamashumi amathathu lishayile elesi-8

Iyishumi nanhlanu ngaphambili kwele-11

Ligamenxe elesi-5

1 2 3 4 5 6 7 8 9 10

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UJabu uhamba ngezinyawo uma eya esikoleni.





Uphuma ekhaya.



Ufika esikoleni.

Uthatha isikhathi esingakanani uJabu? _____



Usuku lokubhaka

Umama ubhaka isinkwa.



Usifaka kuhhavini.



Uyasikhipha.



Isinkwa sibhakwa imizuzu e- _____



Inselele



Esikhathini esiphindwe kabili.

a. Guqula amahora abe yimizuzu.

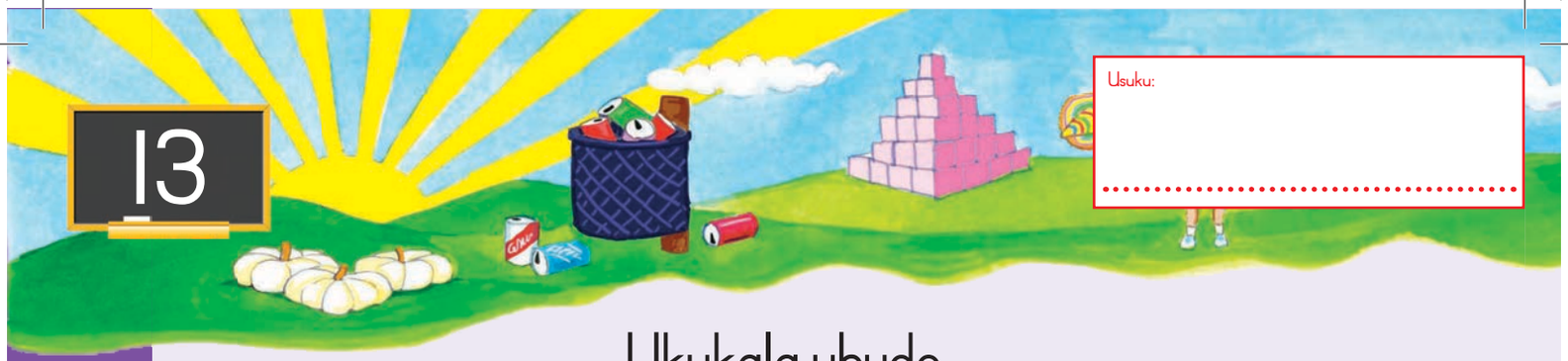
Amahora	1	2	4	8
Imizuzu	60			

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



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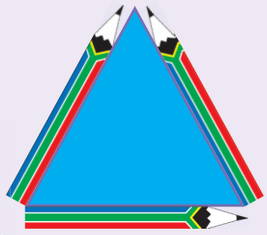
13

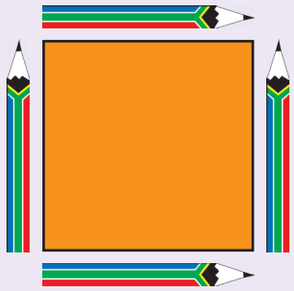
Usuku:

Ithemu I

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?



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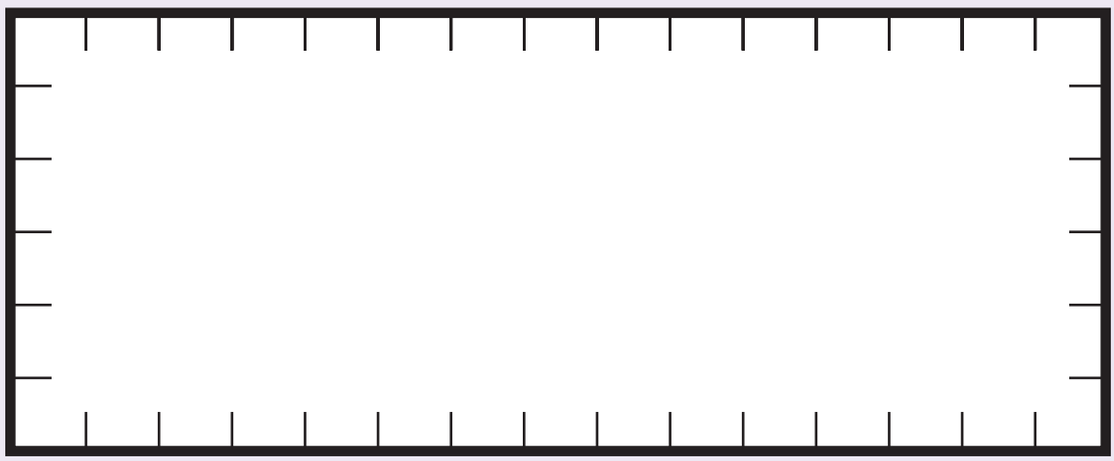


Ubude obuphicayo

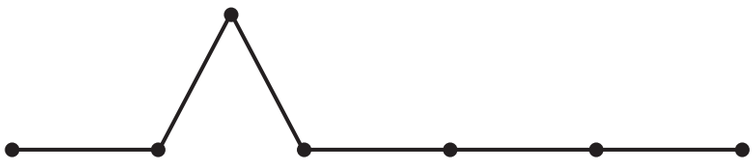
a. Udinga emingaki imigqa ebomvu ukuqedela umugqa omnyama?



b. Udinga emingaki imigqa ebomvu ukuhamba uzungeze unxande wonke?



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



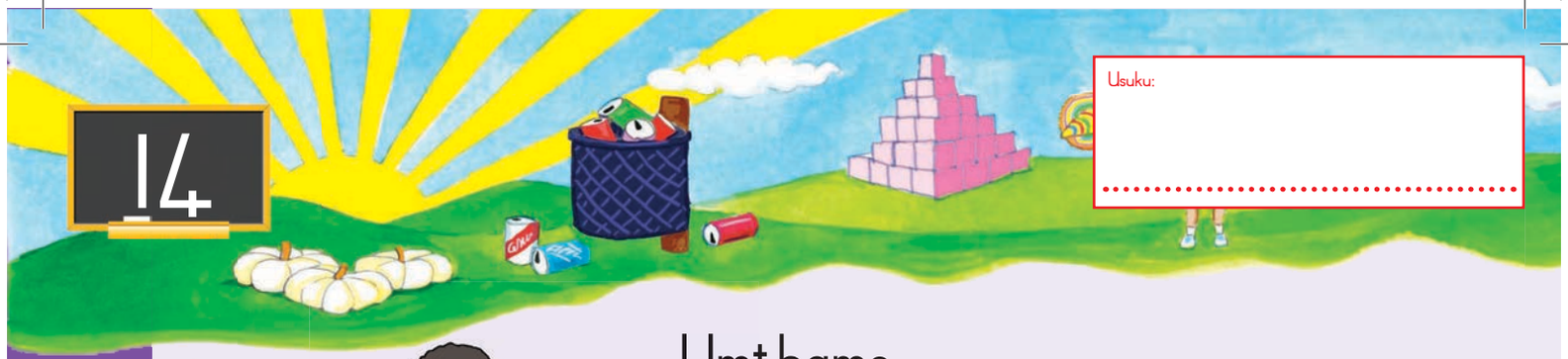
Impendulo _____

Usho ngani? _____

Teacher:
Sign:
Date:

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14

Usuku:

Ithemu I

Umthamo





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

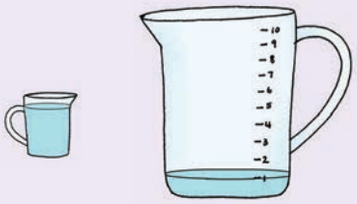
Ngidinga izinkomishi ezingaki ukuze ngigcwalise ujeke?

_____



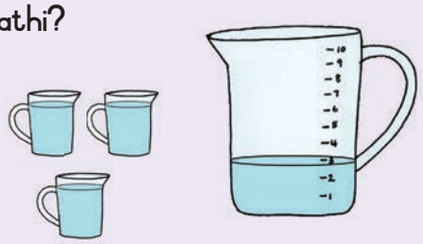
Zingaki izinkomishi zamanzi ezisesiqukathini?
Zingaki esizidingayo futhi ukugcwalisa isiqukathi?

a.



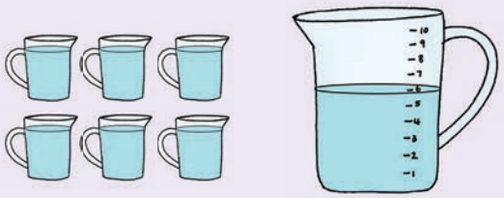
Okusesiqukathini: 1 Esidinga ukwengeza ngakho: 9

b.



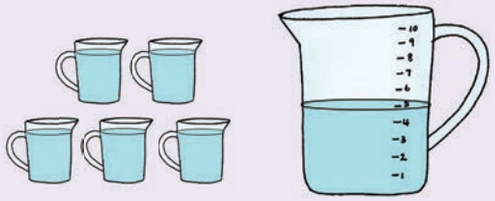
Okusesiqukathini: Esidinga ukwengeza ngakho:

c.



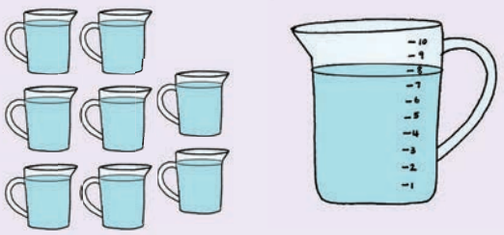
Okusesiqukathini: Esidinga ukwengeza ngakho:

d.



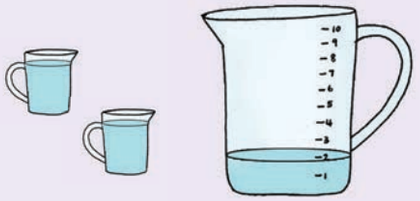
Okusesiqukathini: Esidinga ukwengeza ngakho:

e.



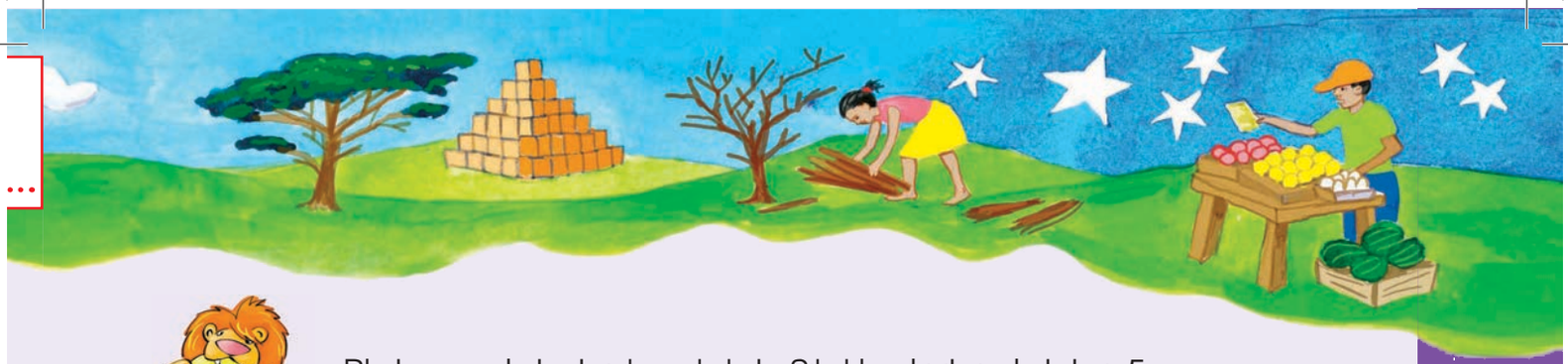
Okusesiqukathini: Esidinga ukwengeza ngakho:

f.



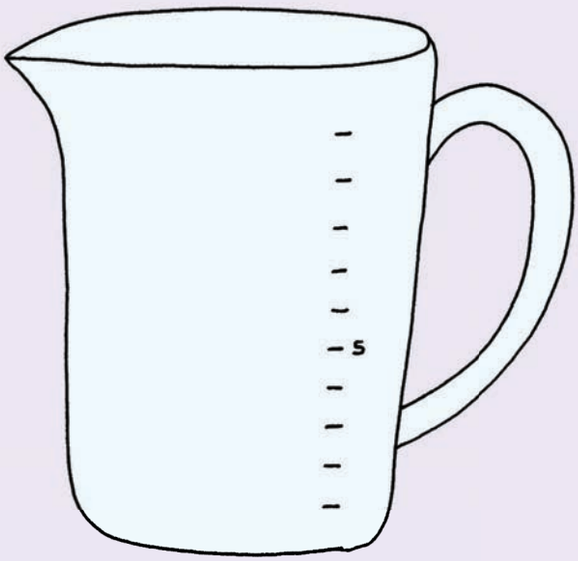
Okusesiqukathini: Esidinga ukwengeza ngakho:

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



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

a. 4 _____

b. 6 _____

c. 8 _____

d. 10_____



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

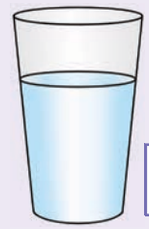








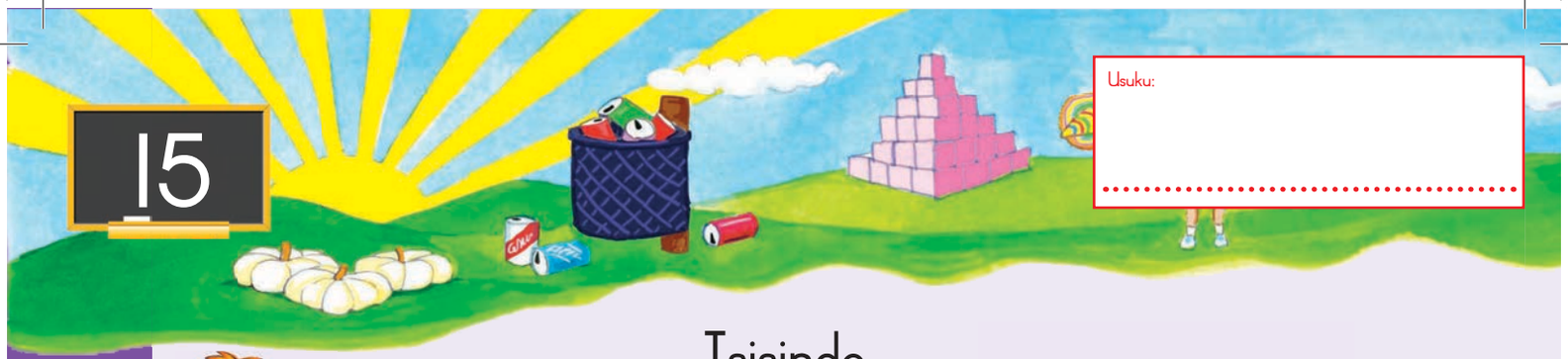






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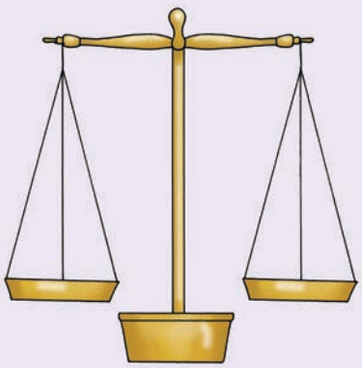
Usuku:

Ithemu I

Isisindo



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



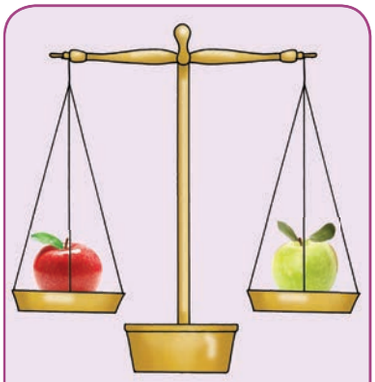
42 kg



39 kg

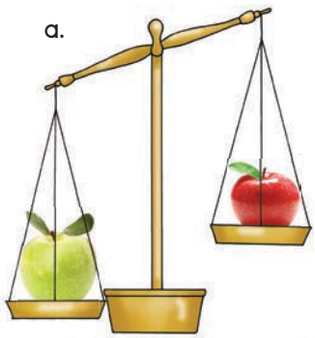


Sisebenzisa isikali sokuzimelela ukukala isisindo.

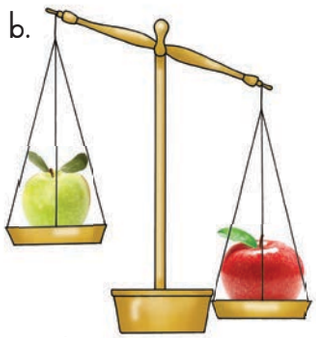


Kulesi sikali womabili ama-aphula asinda ngokulinganayo.

a.



b.



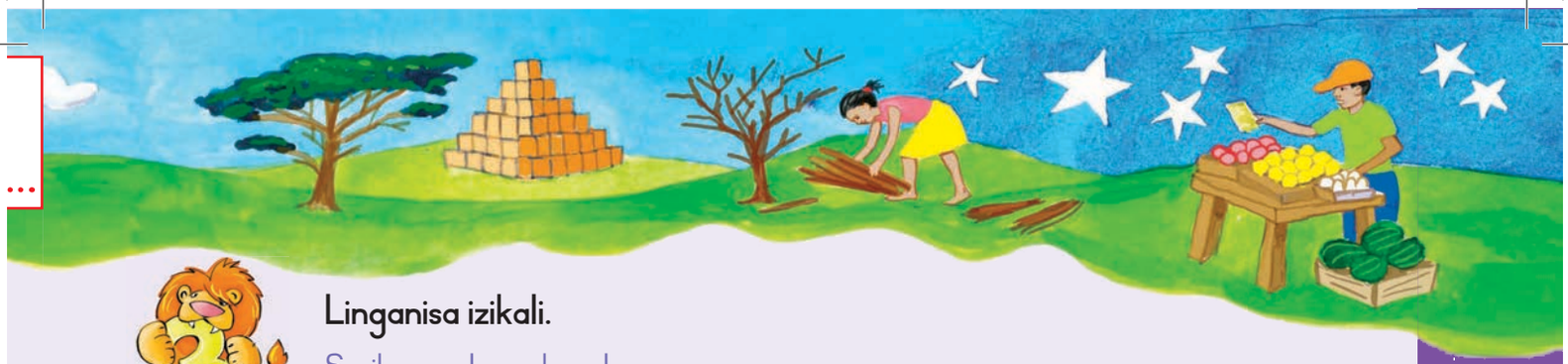
Phendula umbuzo. Bhala u-a noma u-b.

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

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

1 2 3 4 5 6 7 8 9 10

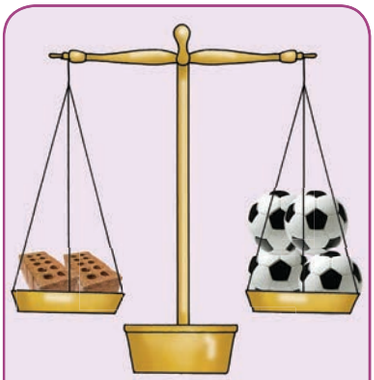
ZUL NUM G6 B1 9781431500147.indb 32 2014/05/08 10:00 AM





Linganisa izikali.

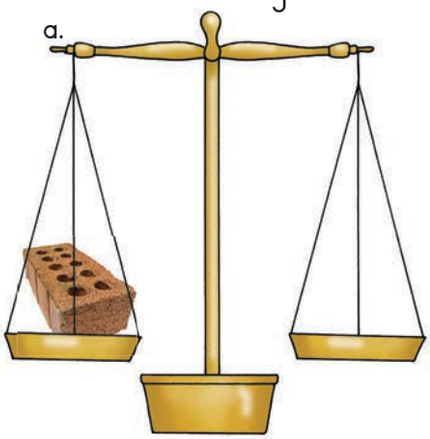
Sesikwenzele eyokuqala.



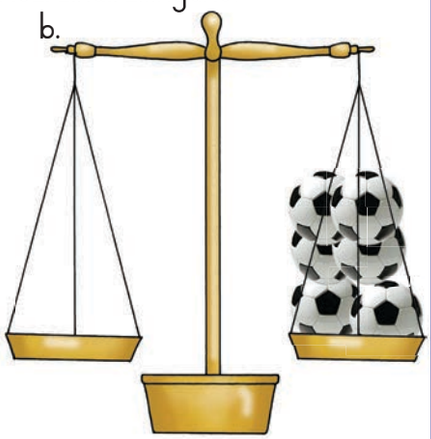
Izitini ezimbili zisinda ngokulinganayo namabhola amane.

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

a.



b.





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

a. samaphasela ama-2 _____ kg

b. samaphasela ama-3_____ kg

c. Ningawakala amaphasela ama-4 kanyekanye kulesi sikali sasekhishini? _____

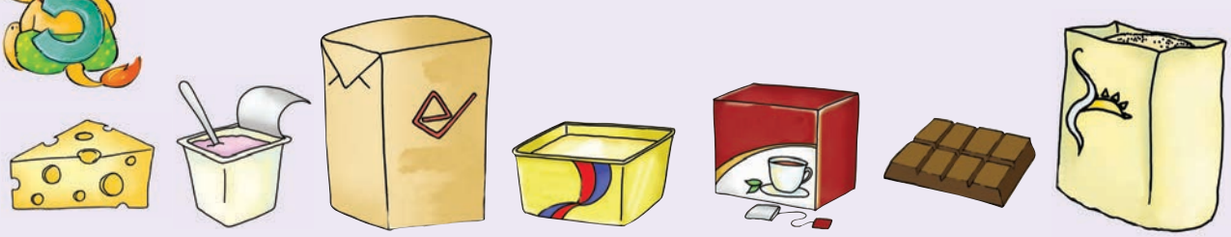


Usho ngani? _____

_____



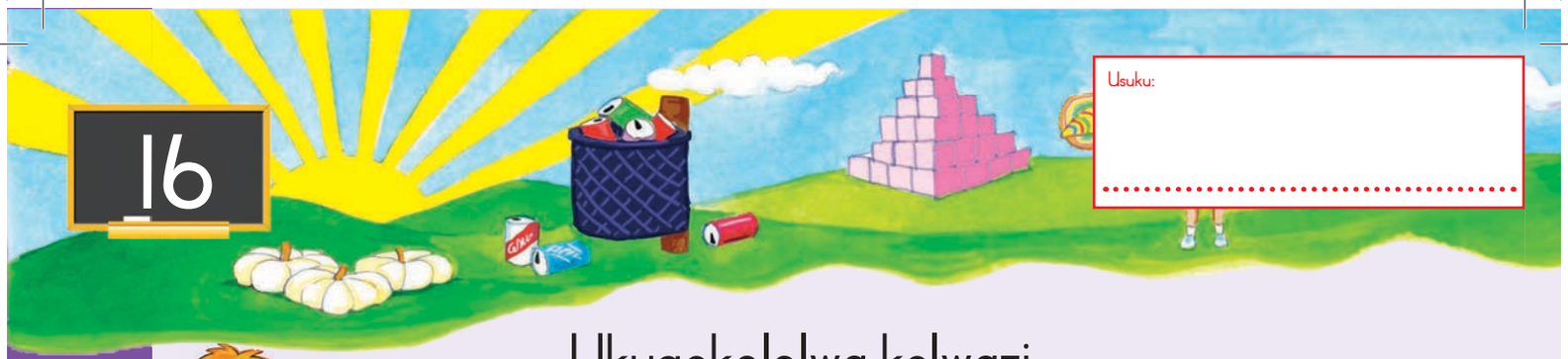
Faka uphawu (✓) eziqukathini ezinamaphakethe anesisindo se-1 kg.



Teacher:
Sign:
Date:

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Usuku:

.....

Ukuqokelelwa kolwazi



Izicathulo eklasini



Funda le ndaba.

Thabo: Ihe! UThemba mude bo! Ugqoka usayizi 6 wezicathulo!

Nkz Khoza: Yebo, Thabo, zinkulu ngempela enganeni eneminyaka eyisi-9 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.

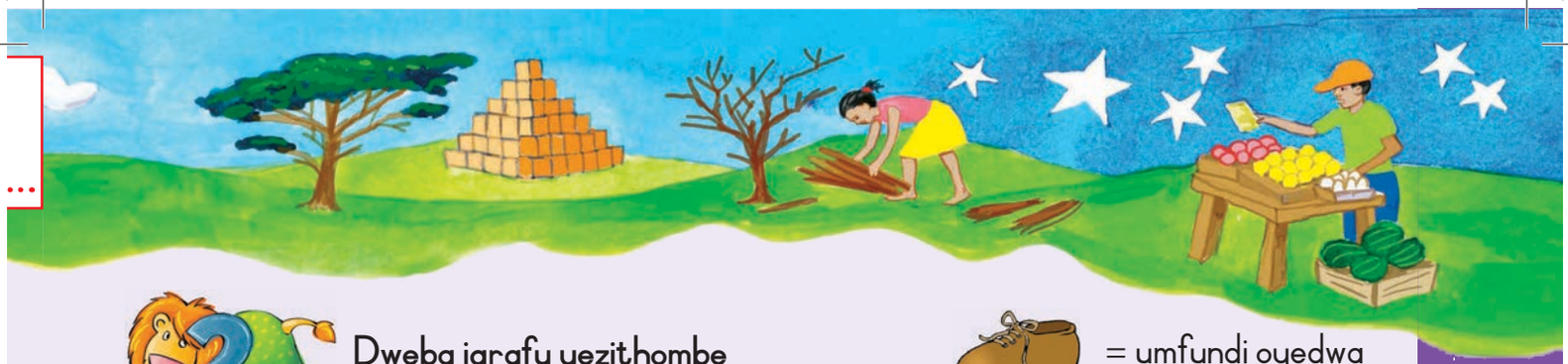
2	2	3	1	2	3	1	4	3	2	3
2	3	2	6	2	2	3	3	3	4	3
4	2	2	3	3	5	3	2	2	2	1
1	1	2	4	2	3	2	3	4	2	4
4	3	2	2	3	1	2	2	1	4	3

Gcwalisa ithebhula elingezansi:

Osayizi bezicathulo eklasini					
Usayizi 1	Usayizi 2	Usayizi 3	Usayizi 4	Usayizi 5	Usayizi 6



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Dweba igrafu yezithombe



= umfundi oyedwa

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



Phendula le mibuzo.

a. Abafundi abaningi bagqoka usayizi _____ ezicathulweni..

b. Zingama _____ izingane ezibambe iqhaza kulolu cwaningo.



Singathini ngawe?

Thola ukuthi wena nabangani bakho nifaka baphi osayizi bezicathulo!

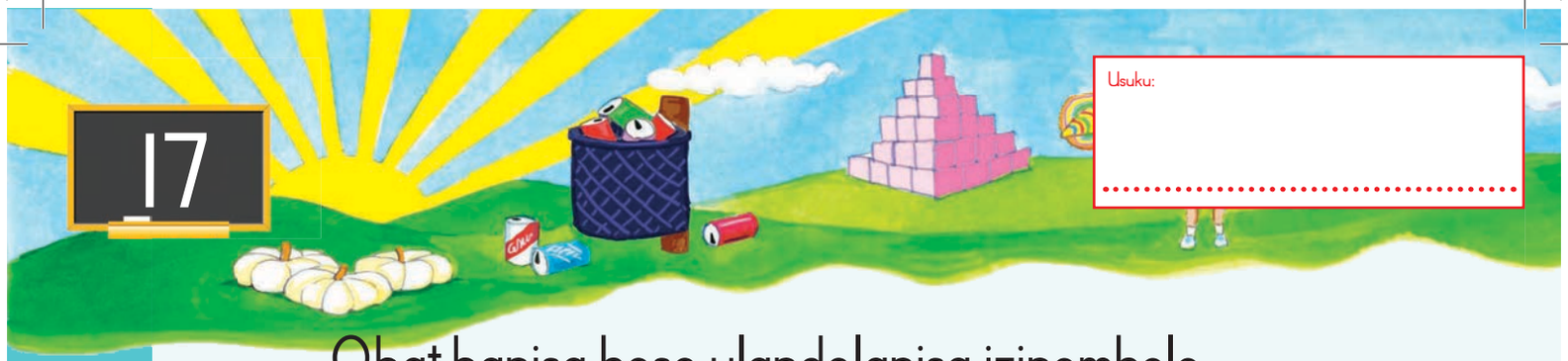
- Sebenzani ngamaqembu anabantu abayi-6 kuya kwabayi-8.
- Qoqani imininingwane yenu.
- Bhala inani lawosayizi bezicathulo ethebhuleni.
- Qhathanisani izimpendulo zenu nezamaqembu amanye.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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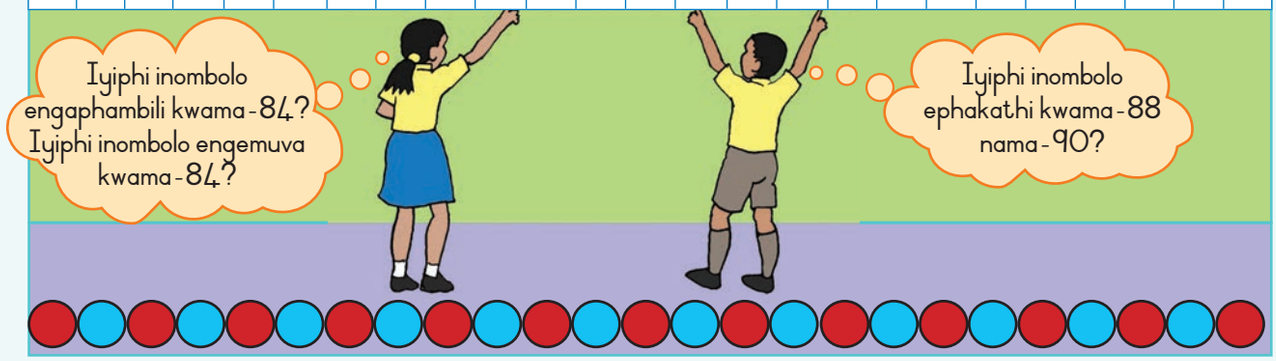
17

Usuku:

Ithemu 1

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									
						67			
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 _____

1 2 3 4 5 6 7 8 9 10

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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.

99	19	9	14	41	40



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

64 | > | 32 23 | > | 18

57 | | 98 89 | | 57

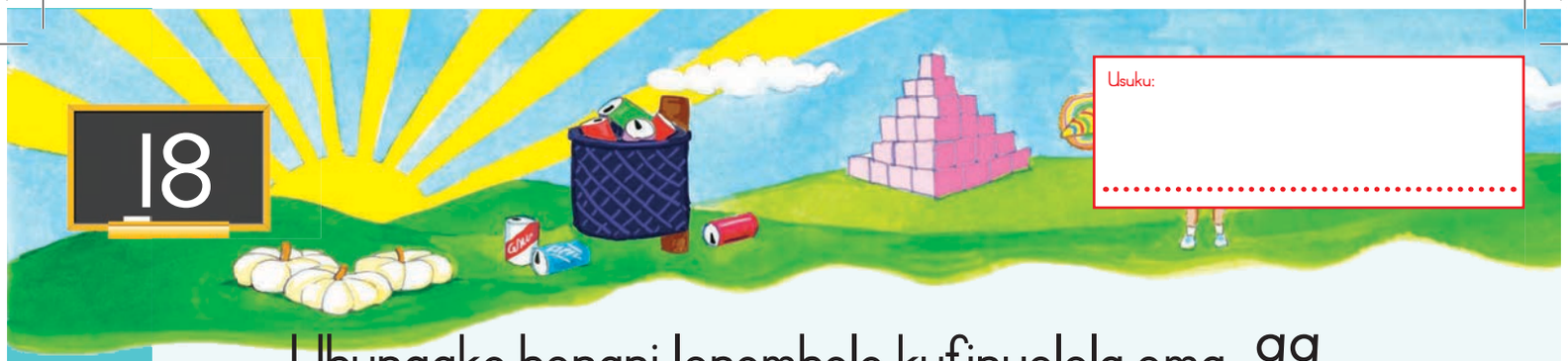


Thola izinombolo ezi-5 ephephandabeni eziphakathi kwama-50 nama-99 uzinamathisele lapha.

Teacher:
Sign:
Date:

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18

Usuku:

Ithemu I

Ubungako benani lenombolo kufinyelela ema-99



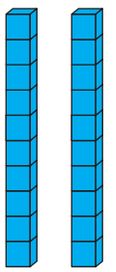
Ukukhombisa izinombolo ngezinto

Singazikhombisa izinombolo ngamabhulokhi obungako benani lenombolo.

Ibhulokhi elincane limele umuvo o-1. Iyimivo.

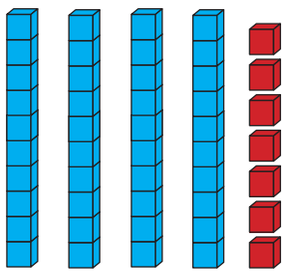
Amabhulokhi ayi-10 amancane amele i-10 elilodwa. Yi-10 leli.

Yishumi.

Amashumi	Imivo
	

Ungayikhombisa inombolo usebenzisa amashumi nemivo.

Ama-47 siwakhombisa kanje.



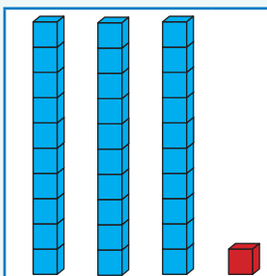
Amashumi	Imivo
4	7

amashumi amane nesikhombisa 47

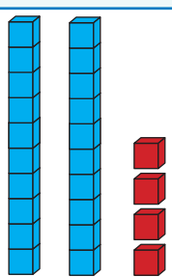


Ukubhala izinombolo usebenzisa izimpawu kanye nangamagama

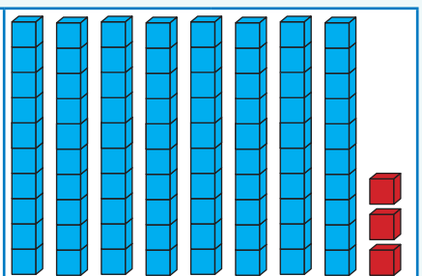
a. Ngaphansi kwesithombe, bhala usho ukuthi mangaki amashumi, mingaki imivo. Emva kwalokho ubhale inombolo ngezinombolo kanye nangamagama.



Amashumi	Imivo
3	1
31 amashumi amathathu nanye	



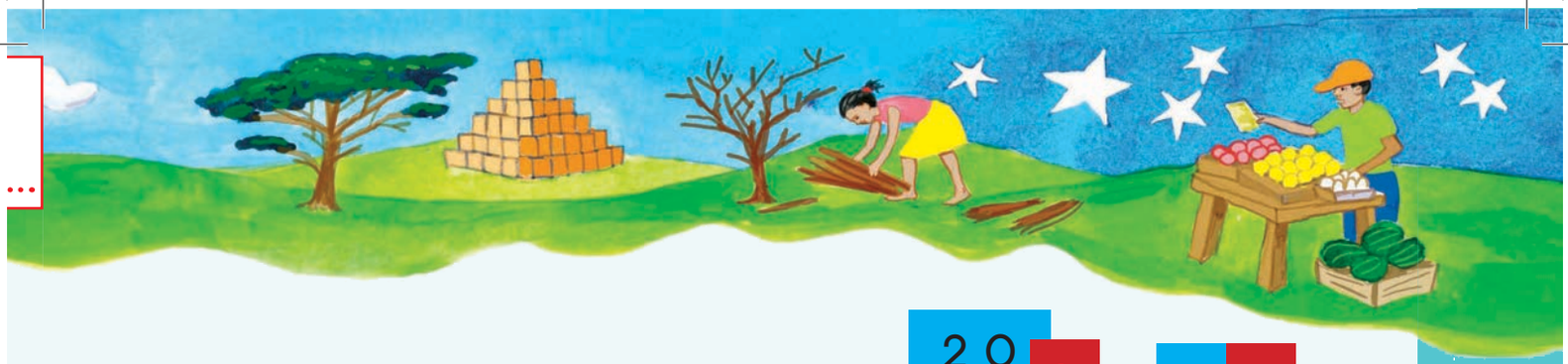
Amashumi	Imivo
_____ _____	

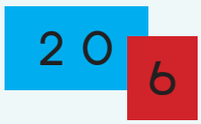


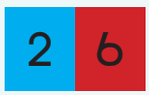
Amashumi	Imivo
_____ _____	



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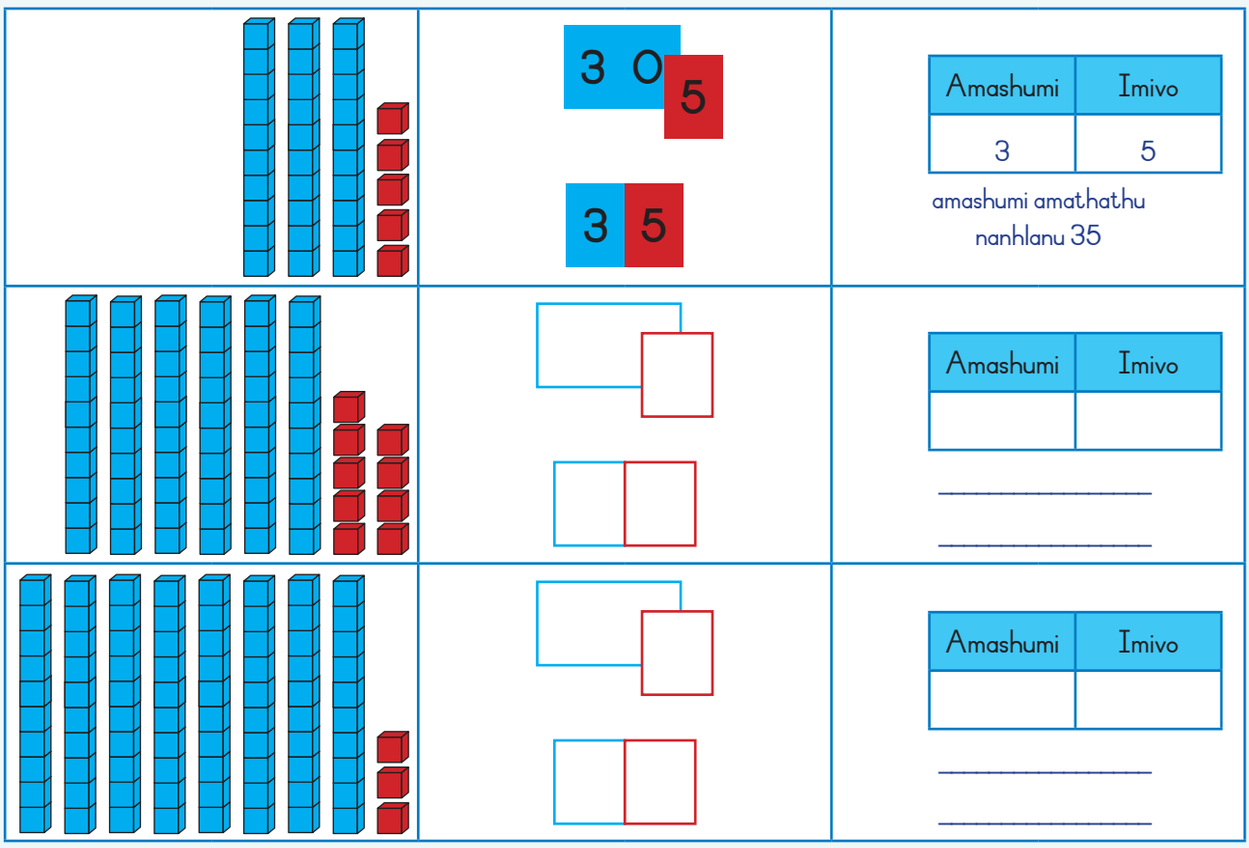


b. Singasebenzisa futhi amakhadi ezinombolo ukukhombisa lokhu.

Inombolo	Mangaki amashumi?	Mingaki imivo?	Bhala le nombolo ngamagama
26	2	6	amashumi amabili nesithupha
46			
99			



Yisho ukuthi iyiphi le nombolo?



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19

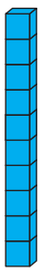
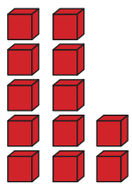
Usuku: .....

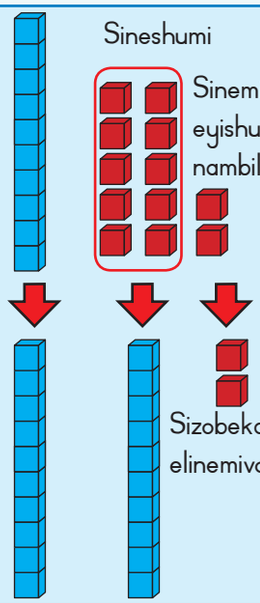


Ukubeka amashumi ndawonye uma sihlanganisa kufinyelele ema-99

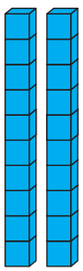
Funda

Nansi indlela enye yokukhombisa ama-22.

Amashumi	Imivo
	
ishumi	imivo eyi-12
1 0	1 0 2

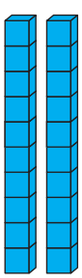
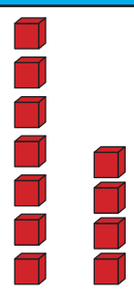


Sesinenye futhi indlela yokukhombisa ama-22.

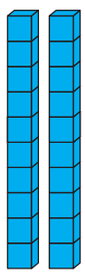
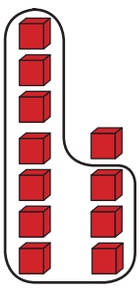
Amashumi	Imivo
	
amashumi amabili	imivo emibili
2 2	

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

Ama-27: ngamashumi ama-2 nemivo eyi-7. Sesengeza imivo emi-4 ngaphezulu.

Amashumi	Imivo
	
amashumi ama-2	nemivo eyi-7 + 4 imivo
2 0	7 4

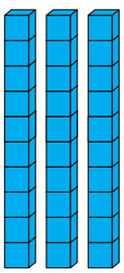
Sinamashumi ama-2 nemivo eyi-11.

Amashumi	Imivo
	

Sizokhombisa imivo eyi-10 njengeshumi eli-1.

2 0 1 0 1

Manje sinamashumi ama-3 + umuvo = 31

Amashumi	Imivo
	

___ + ___ = ____

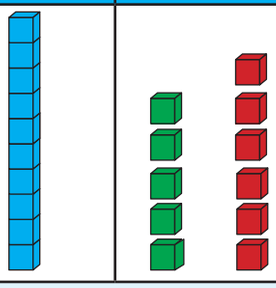
3 1



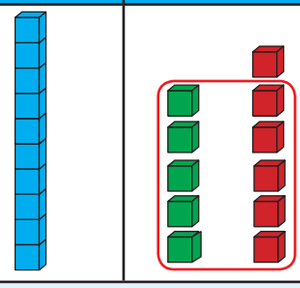
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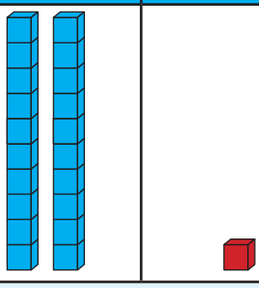
Buka isithombe bese ubhala umusho wezinombolo.

Amashumi	Imivo
	

10 + 5 + 6

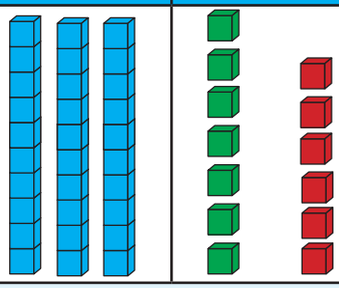
Amashumi	Imivo
	

___ + ___ + ___

Amashumi	Imivo
	

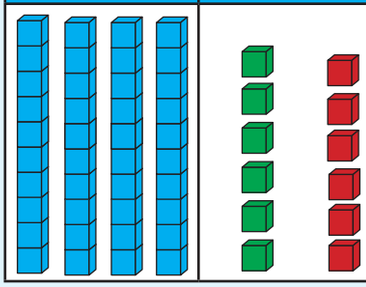
___ + ___ = ____

Qedela izithombe. Bhala imisho yezinombolo ekhonjiswe ezithombeni.

Amashumi	Imivo
	

Amashumi	Imivo

Amashumi	Imivo

Amashumi	Imivo
	

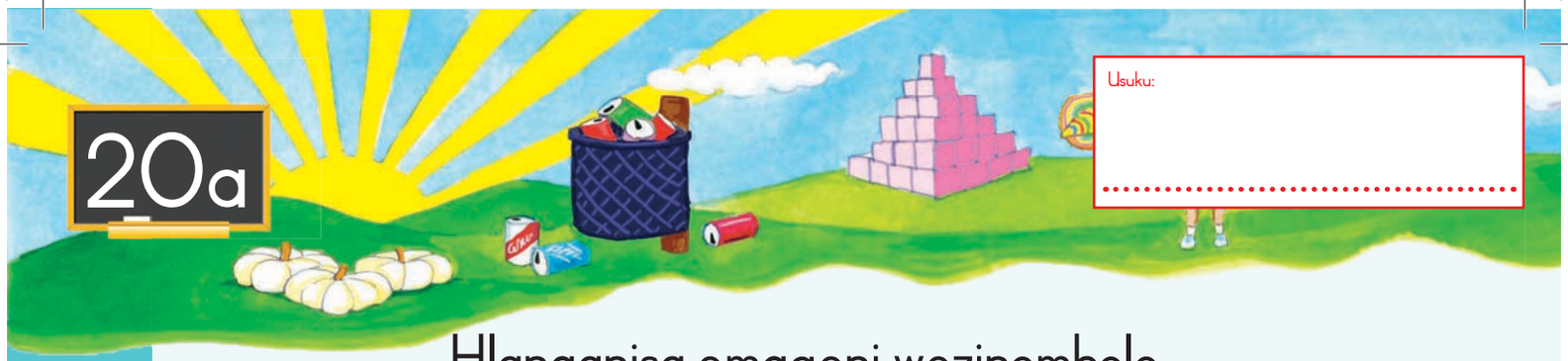
Amashumi	Imivo

Amashumi	Imivo

Teacher:
Sign:
Date:

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20a

Usuku:

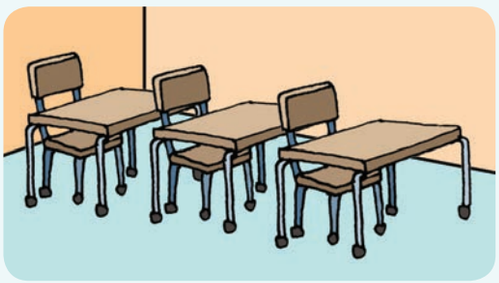
Hlanganisa emgqeni wezinombolo

Ithemu I

Hlala edeskini lakho!

Esikoleni sethu umfundi ngamunye unedeski lakhe.

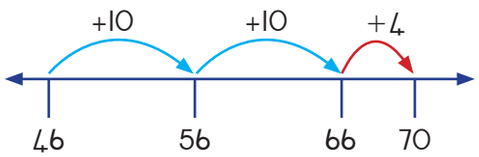
Ebangeni 3A kukhona abafundi abangama-46 bese kuthi ebangeni 3B kukhona abafundi abangama-24. Sidinga amadeski amangaki emaklasini amabili?



Sebenza nomngani wakho

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





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

Ngeqa elinye i-10 ngifinyelele ema-66.

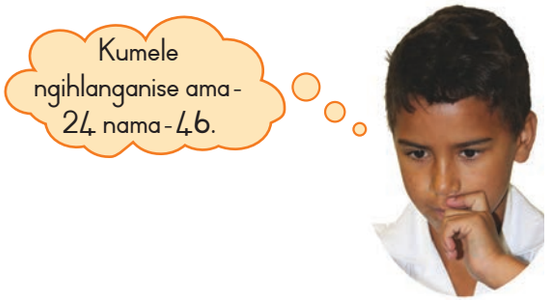
Kuthi ekugcineni, ngeqe ka-4 ukuze ngifinyelele ema-70.

$= 46 + 10 + 10 + 4$

$= 56 + 10 + 4$

$= 66 + 4$

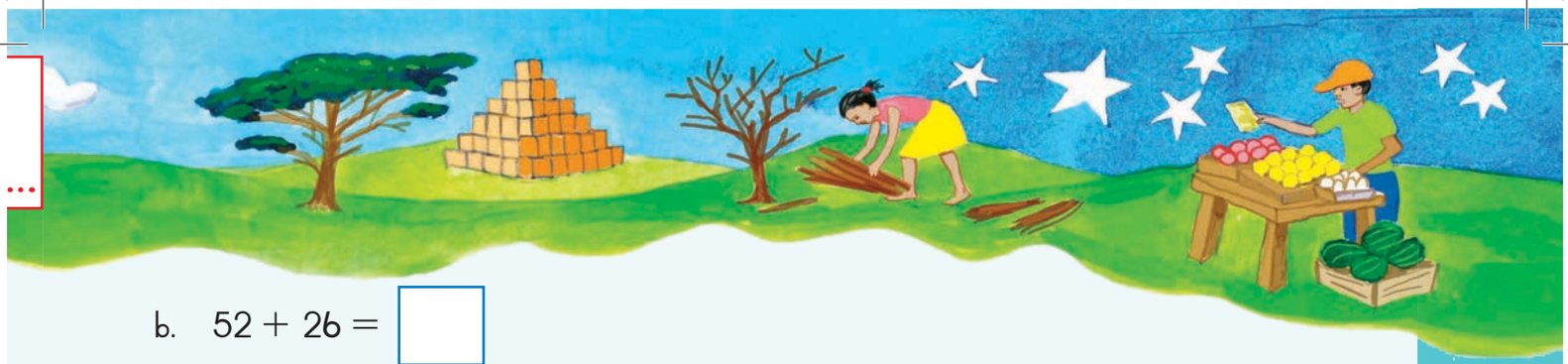
$= 70$



a. $32 + 25 =$ ☐



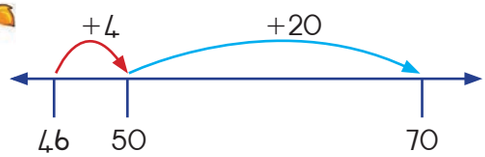
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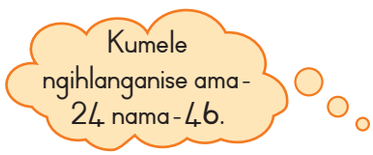


b. $52 + 26 =$ ☐

c. $46 + 25 =$ ☐









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

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

$= 40 + 10 + 20$

$= 50 + 20$

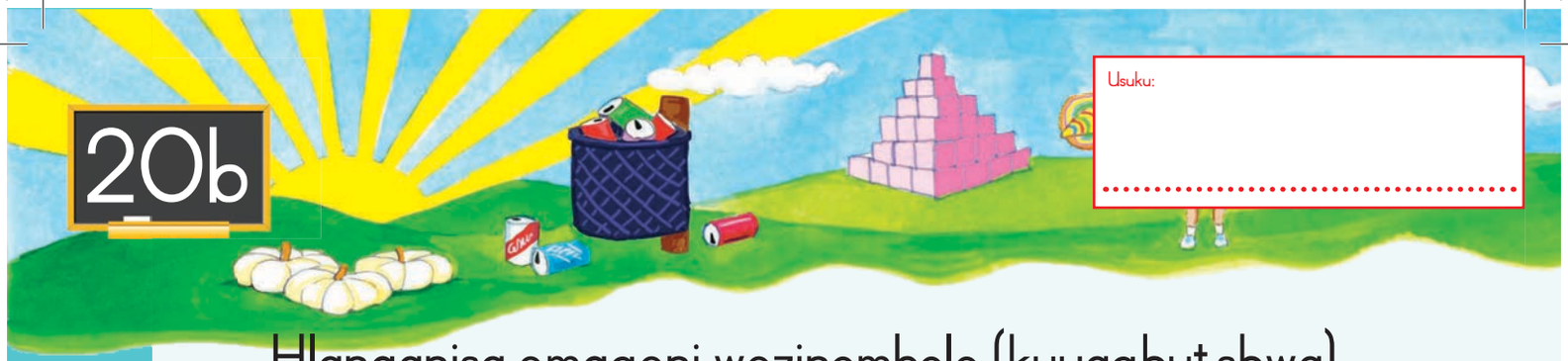
$= 70$

a. $36 + 41 =$ ☐

Teacher:
Sign:
Date:

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20b

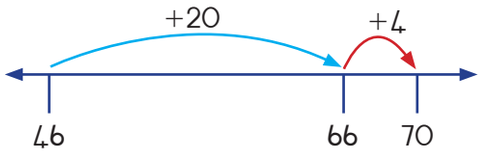
Usuku:

Hlanganisa emgqeni wezinombolo (kuyaqhutshwa)

Ithemu I

b. $57 + 19 =$ ☐





Kumele ngihlanganise 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.

$= 46 + 20 + 4$

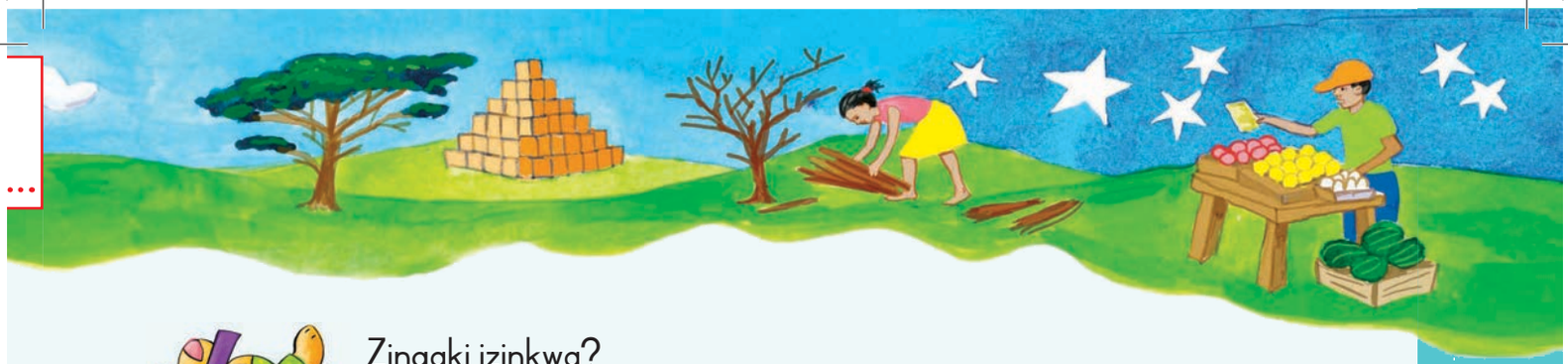
$= 66 + 4$

$= 70$

a. $63 + 24 =$ ☐

b. $65 + 29 =$ ☐

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4 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.

5

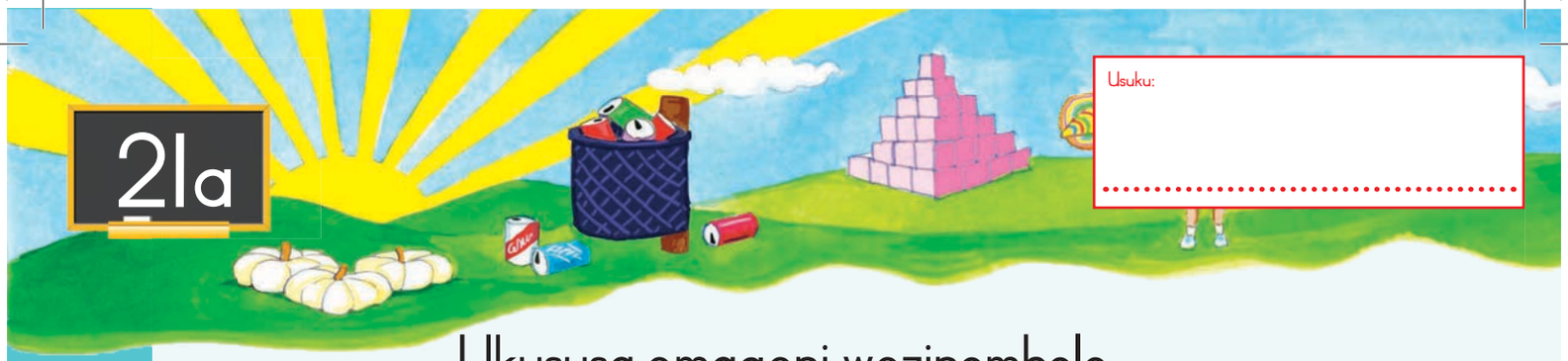
Hlanganisa lokhu okulandelayo ngaphandle kokusebenzisa umugqa wezinombolo. Sebenzisa noma iyiphi indlela oyithandayo.

38 + 24 =	58 + 17 =
75 + 16 =	83 + 29 =

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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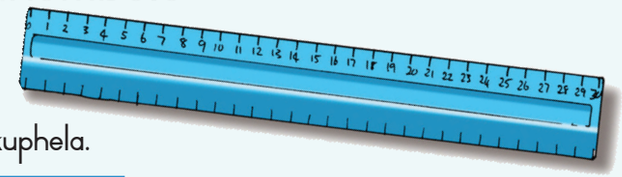
Usuku:

21a

Ithemu I

Ukususa emgqeni wezinombolo

Umfundi ngamunye uthole irula elilodwa!

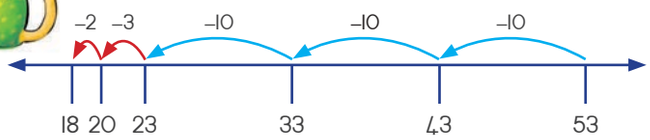


Iklasi lidinga amarula angama-53. Sinamarula angama-35 kuphela.
Sidinga amangaki futhi ngaphezulu? 53 – 35 = ☐

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

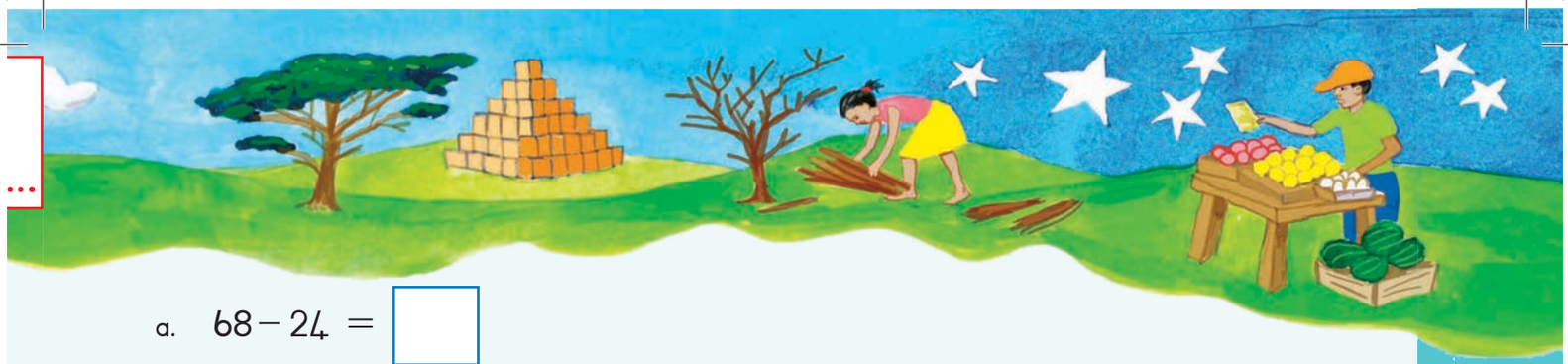
= 33 – 10 – 3 – 2

= 23 – 3 – 2

= 20 – 2

= 18

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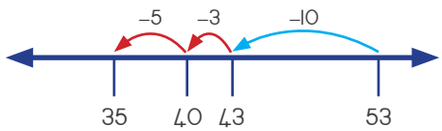


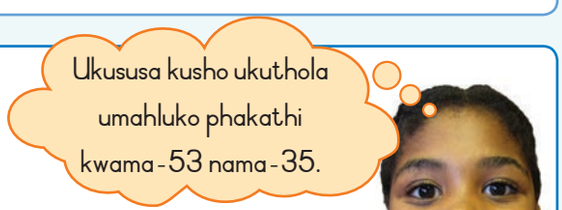
a. $68 - 24 =$ ☐

b. $74 - 38 =$ ☐

c. $92 - 87 =$ ☐







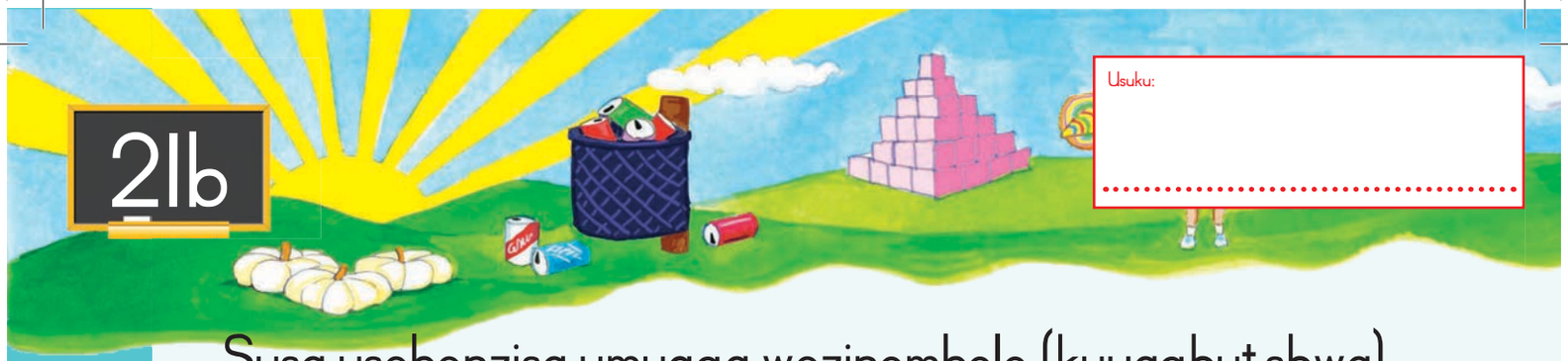
Ngizoqala ema-53 ngibale ngehle ngiye ema-35 ngithole umahluko. Uma ngibala ngihlehla ngama-10, ngifinyelela ema-43. Ngibala ngaku-3 ngihlehle futhi ngifinyelele ema-40. Manje ngibala ngihlehle ngoku-5 ukufinyelela ema-35. Okuyi-10 ngikuhlanganisa noku-3 ngikuhlanganisa noku-5 kwenza i-18. Ngakho-ke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

a. $38 - 14 =$ ☐

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21b

Usuku:

Ithemu I

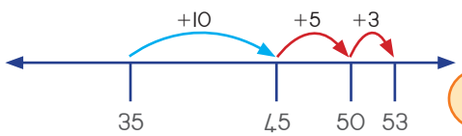
Susa usebenzisa umugqa wezinombolo (kuyaqhutshwa)

b. $65 - 43 =$ ☐

c. $72 - 39 =$ ☐

d. $85 - 48 =$ ☐





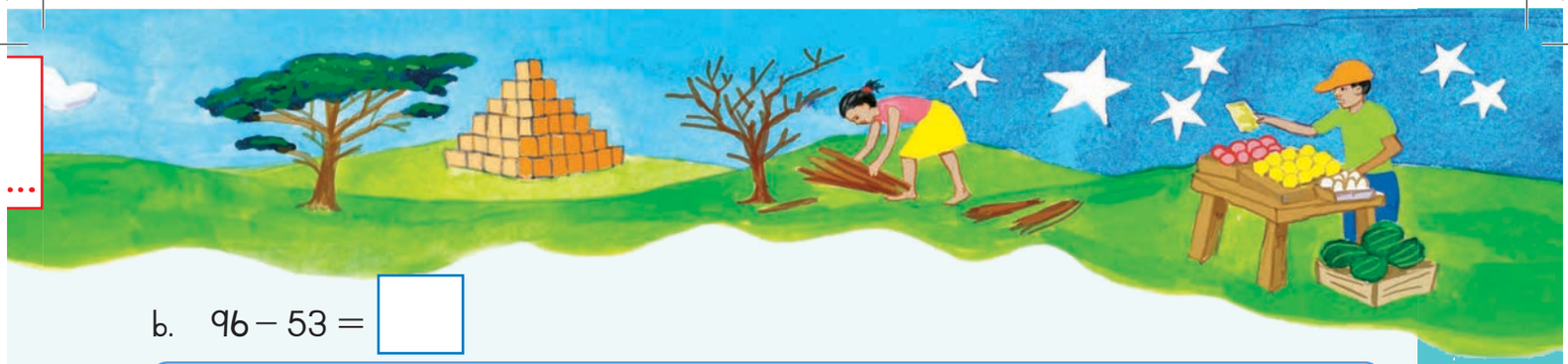
Ngizoqala ema-35 ngibheke ukuthi kudingeka ngeqe kangaki ukuze ngifinyelele ema-53.



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

a. $84 - 32 =$ ☐

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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?

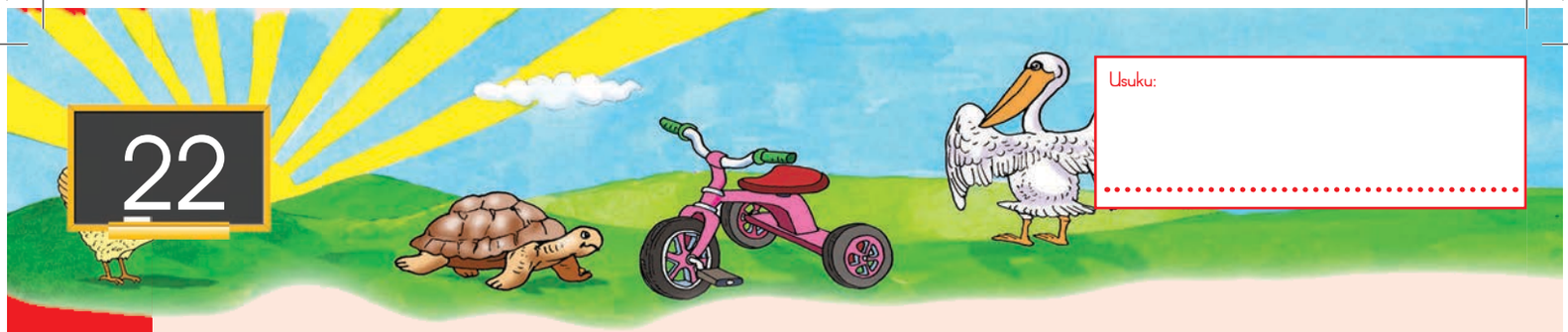
Sebenzisa umugqa wezinombolo ukuxazulula le nkinga.

km

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Date:

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22

Usuku:

Ithemu I

Isikhathi sedili



Qala ngokuhlela!

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



Bala bese uyabhala ukuthi bangaki abangani abakhethe inhlobo ngayinye yokudla.

				
Inombolo				

1 2 3 4 5 6 7 8 9 10

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

☺			
☺			
☺			
☺			
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Date:

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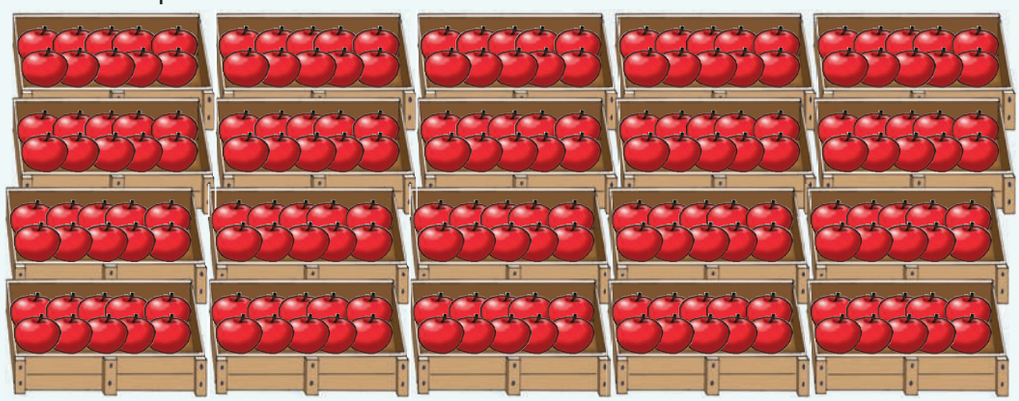
23

Usuku:

Ukubala ufinyelele ema-200



Bala ama-aphula.



Gcwalisa izinombolo

Ibhokisi eli-1 linama-aphula a- ☐ Umugqa nga-1 unamabhokisi ama- ☐

Umugqa nga-1 unama-aphula a- ☐ Imigqa emi-4 inama-aphula angama- ☐



Mangaki ama-aphula esingawafaka kula mabhokisi?

a.  ☐

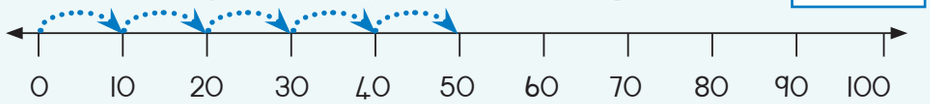
b.  ☐

c.  ☐

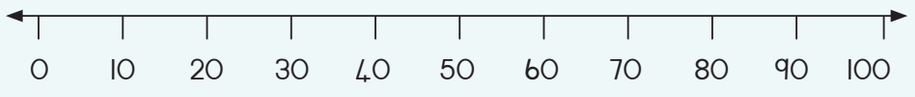


Bala usebenzise umugqa wezinombolo.

a. Mangaki ama-aphula angangena emabhokisini ayisikhombisa? ☐

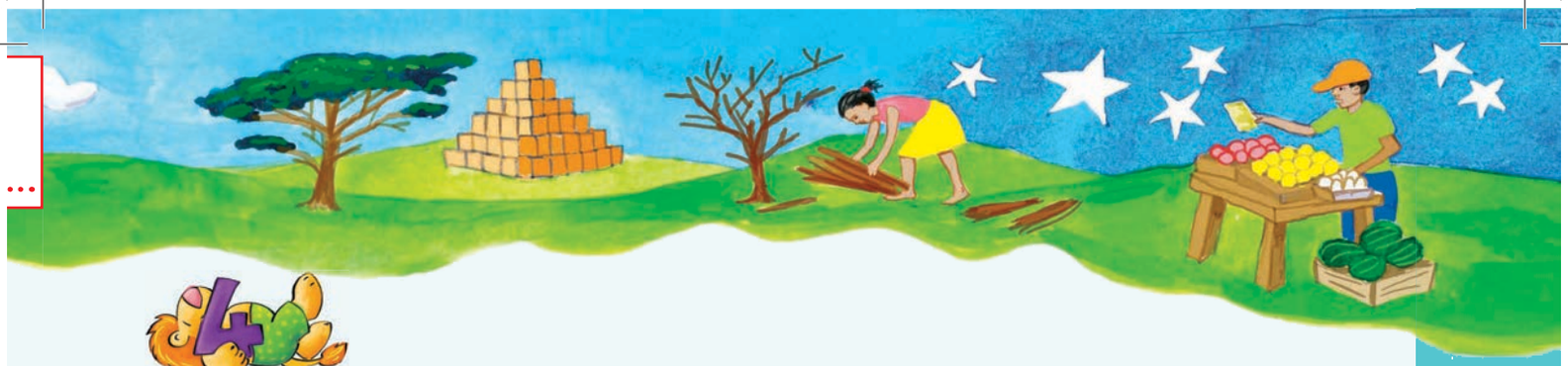


b. Mangaki ama-aphula angangena emabhokisini ayisikhombisa? ☐





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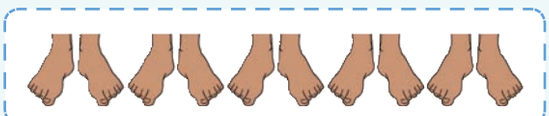


Amaqoqo ama-3 anezinto eziyi-10 enza 3 0 $3 \times 10 =$ 3 0 noma $10 \times 3 =$ 3 0

Amaqoqo ama-5 anezinto eziyi-10 enza ____ × ____ = ____ noma ____ × ____ = ____

Izinqwaba ezi-2 zama-10 zenza _ ____ × ____ = ____ noma ____ × ____ = ____

Amapheya ama-5 ezinyawo. Zingaki izinzwane sezizonke?



$10 + 10 + 10 + 10 + 10 =$ 5 0 $5 \times 10 =$ ____

noma $10 \times 5 =$ ____

Yenza okufanayo nakulezi.

Amapheya ama-4 ezinyawo. Zingaki izinzwane sezizonke?

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

Amapheya ayi-9 ezinyawo anezinzwane ezingaki?

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

Masibale ngama-10.

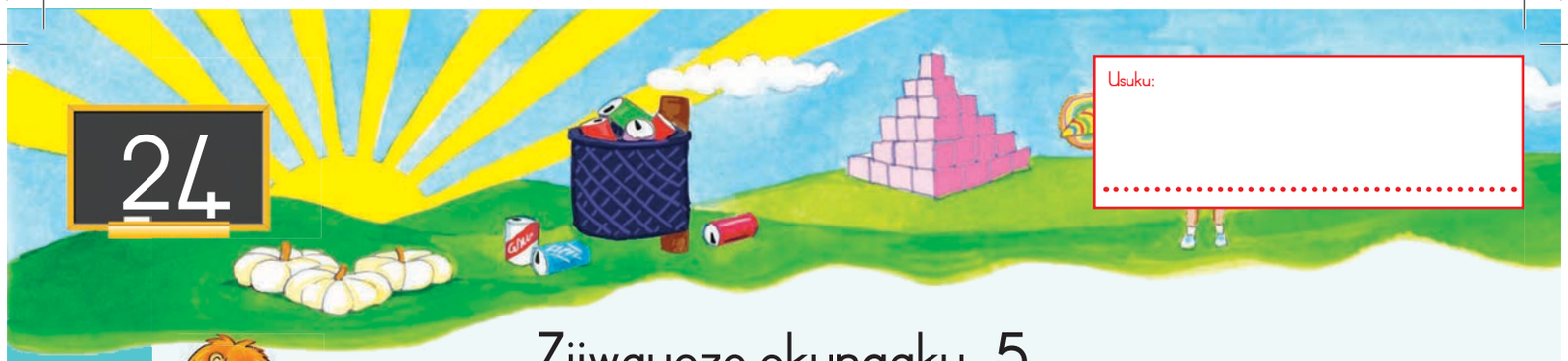
10, 20, 30, 40, 50, ____, ____, ____, ____, ____,

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

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Usuku:

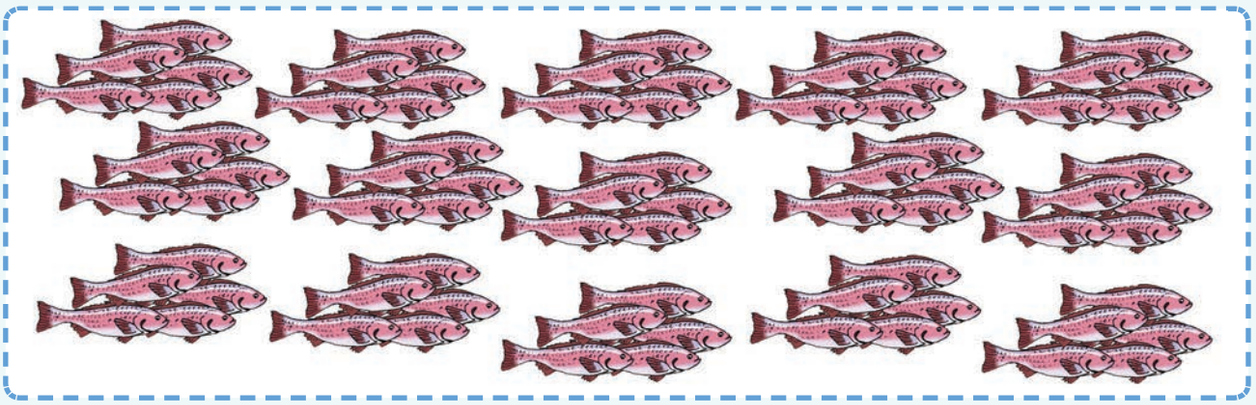
24

Ithemu I

Zijwayeze okungaku-5



Zingaki izinhlanzi? Linganisela.



Bala izinhlanzi. Thola isamba.



Ukubala ngaku-5

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

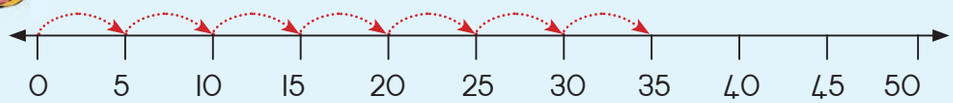
Izinhlanzi namaqanda	Mangaki amaqanda esewonke?	
Izinhlanzi ezi-5 zizalela amaqanda a-2 iyinye	$2 + 2 + 2 + 2 + 2 = 10$	$5 \times 2 = 10$
Izinhlanzi ezi-5 zizalela amaqanda a-10 iyinye		
Izinhlanzi ezi-5 zizalela amaqanda a-4 iyinye		
Izinhlanzi ezi-5 zizalela amaqanda a-3 iyinye		
Izinhlanzi ezi-5 zizalela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



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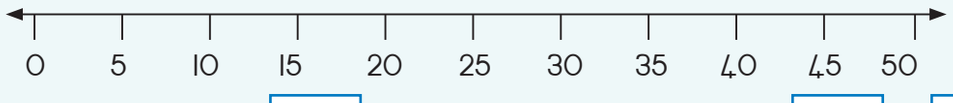


Qedela imigqa yezinombolo kanye nemisho yezinombolo.



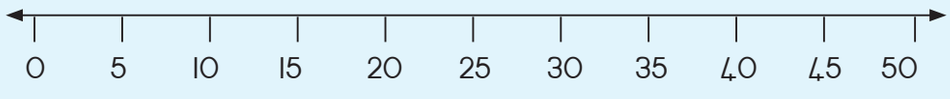
$5 + 5 + 5 + 5 + 5 + 5 + 5 =$ 35 noma 7 × 5 = 35

a.



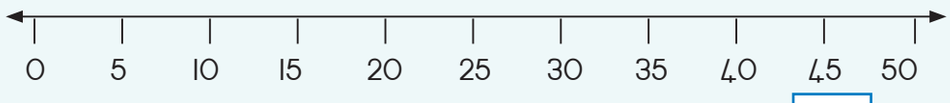
$5 + 5 + 5 + 5 =$ ☐ noma ☐ × ☐ = ☐

b.



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

c.



_ + _ + _ + _ + _ + _ + _ + _ + _ + _ = ☐ noma 10 × 5 = 50

Ukudoba izinhlanzi

USipho udobe 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?

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25a

Usuku:

.....

Bala ngaku-2



Ukubala amasokisi



a. Mangaki amapheya amasokisi? _____

b. Mangaki amasokisi ? _____

c. Akhona amasokisi asele? _____

1 2 3 4 5 6 7 8 9 10

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Ukubala amapheya amasokisi

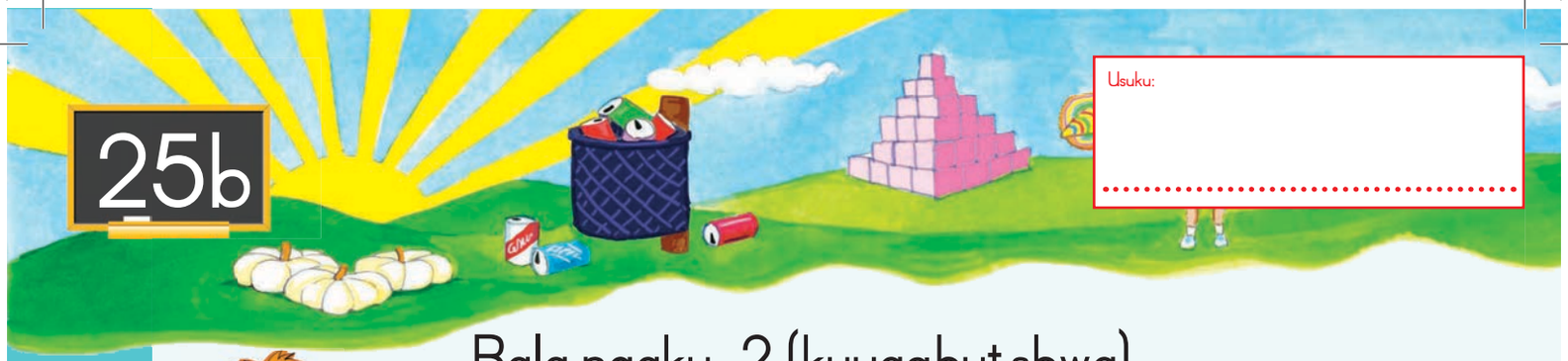
Bala usho ukuthi mangaki amapheya amasokisi akhona bese usho ukuthi akhona yini asele.

Amasokisi	Inani lamapheya	Inani lamasokisi	Amasokisi asele ahamba ngalinye
			
			
			
			
			



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25b

Usuku:

Bala ngaku-2 (kuyaqhutshwa)



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,

_____

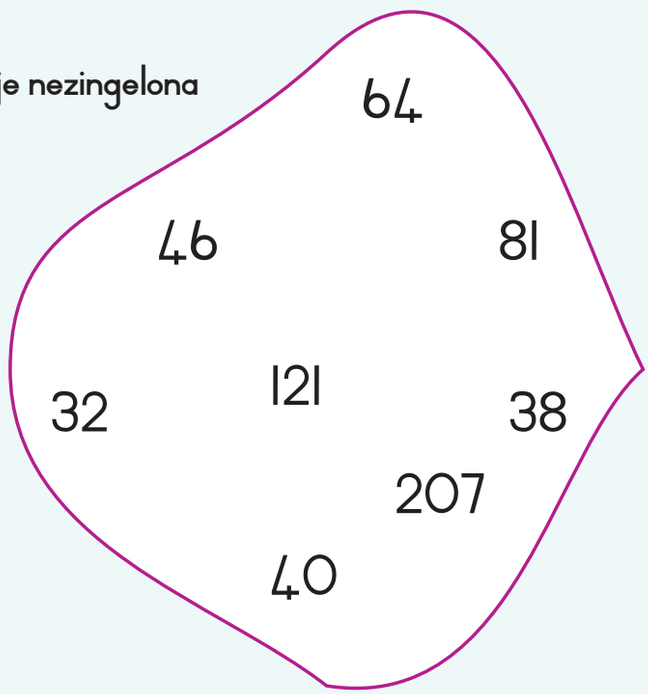
_____



Izinombolo eziwugweje nezingelona

Kokelezela ngesiyingi izinombolo ezingelona ugweje.

Kokelezela ngesikwele izinombolo eziwugweje.





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5 Qhubeka ubale ngaku-2

Isibonelo:

amasokisi ama-2 = ipheya eli-1 

$2 \times 1 = 2$

amasokisi angama-20 = amapheya ayi-10

$2 \times 10 = 20$

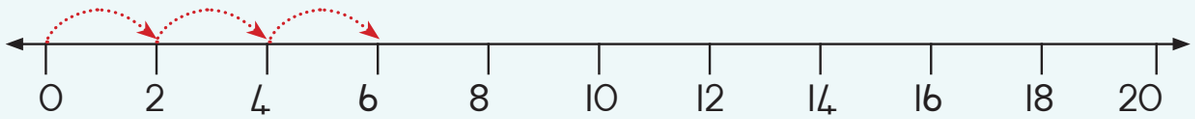
a. Bhala usho ukuthi mangaki amasokisi.

Zikhumbuze izinto ezihamba nga-2	Imisho yezinombolo
ipheya eli-1 = amasokisi ayi-2	2 × 1 = 2
amapheya ama-2 = amasokisi ayi-_____	2 × 2 =
amapheya ama-4 = amasokisi ayi-_____	
amapheya ayi-8 = amasokisi ayi-_____	
amapheya ayi-9 = amasokisi ayi-_____	

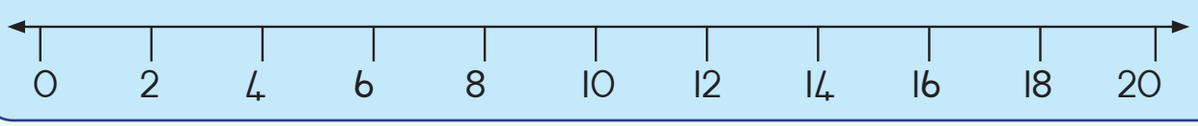
b. Khombisa isibalo emgqeni wezinombolo bese uqedela.

Isibonelo:

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



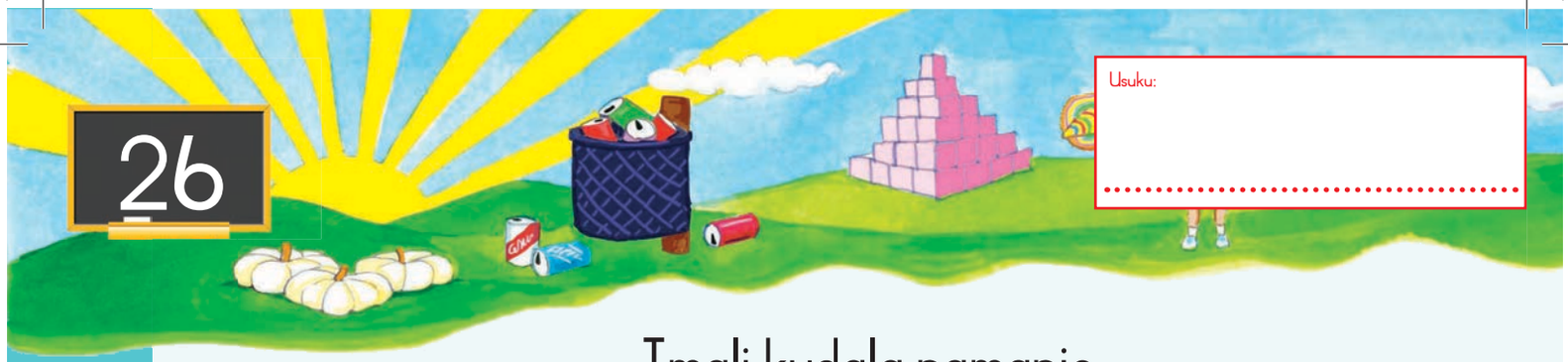
$2 + 2 + 2 + 2 + 2 + 2 + 2 =$ ☐ noma ☐ × ☐ = ☐



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26

Usuku:

Ithemu I

Imali kudala namanje



Indaba ngemali yethu

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

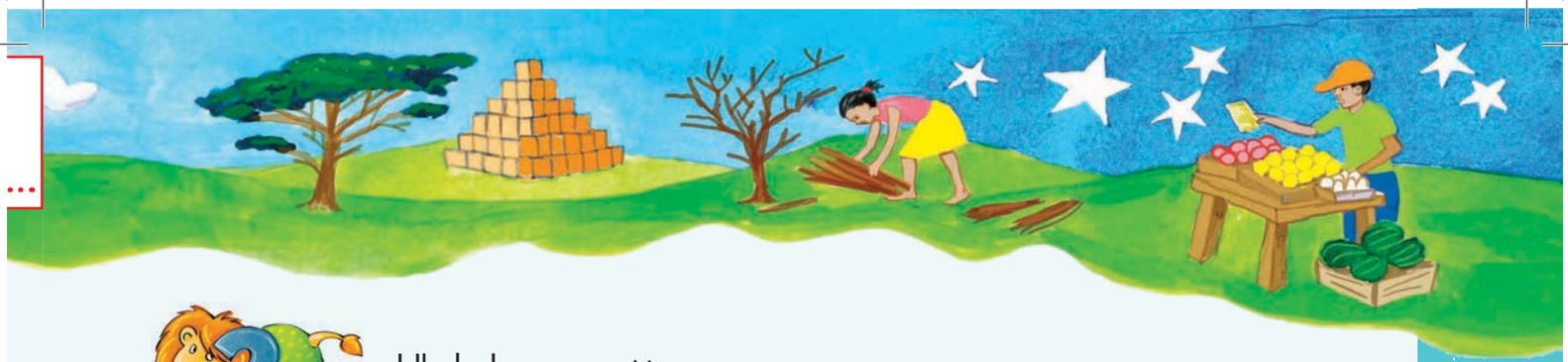
Ngalezo zinsuku isenti eli-1 kwakuyilona luhlamvu lwemali olunenani elincane kunazo zonke, bese kulandela uhlamvu lwamasenti ama-2, nolwamasenti ama-5.





1 2 3 4 5 6 7 8 9 10

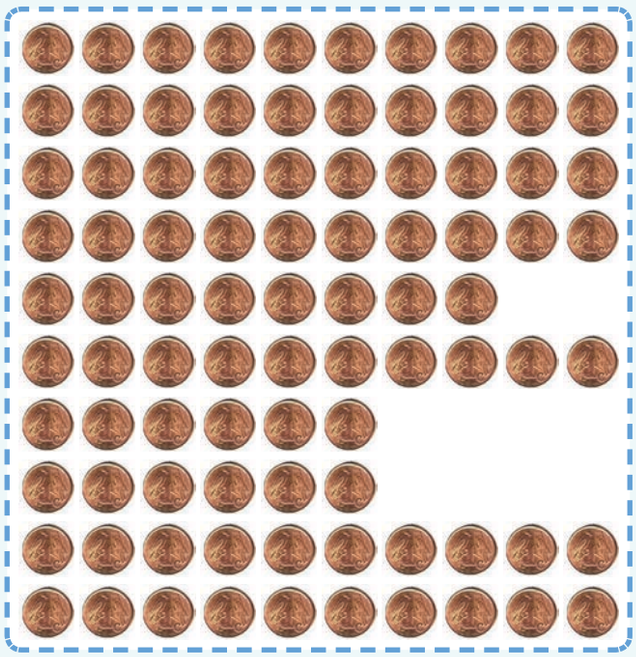
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Ukubala amasenti

Bala amasenti.
Mangaki amasenti onawo?



Udinga amangaki amasenti ukuhlanganisa i-R1,00?

Wadwebe ebhulokhini.



Mangaki amasenti?

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



Ngingathenga izithelo ezingaki?

2  ubiza ama-R4,00.

Mngaki ubhanana ongawuthenga ngama-R20,00?

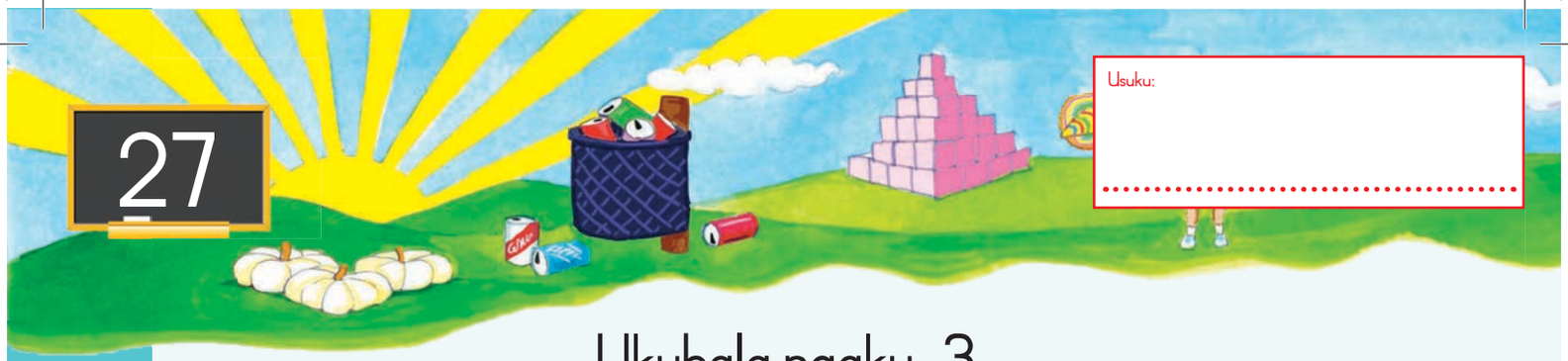
2  abiza ama-R2,00.

Mangaki ama-aphula ongawathenga ngama-R9,00?



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27

Usuku:

.....

Ithemu I

Ukubala ngaku-3



Amasondo ahamba ngama-3



Usondontathu ngamunye unamasondo a- _____.





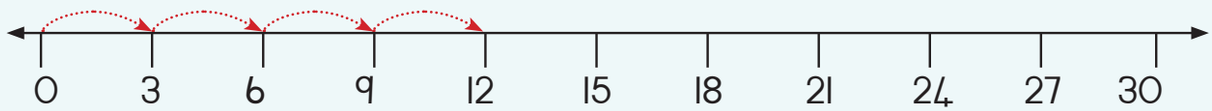


Osondontathu aba-5 banamasondo a-_____ esewonke.	$3+3+3+3+3=5\times3=$ _____
Osondontathu aba-2 banamasondo a-_____ esewonke.	$3+3=2\times3=$ _____
Osondontathu aba-4 banamasondo a-_____ esewonke.	
Osondontathu abayi-6 banamasondo a-_____ esewonke.	
Osondontathu abayi-9 banamasondo a-_____ esewonke.	
Osondontathu abayi-8 banamasondo a-_____ esewonke.	



Imigqa yezinombolo

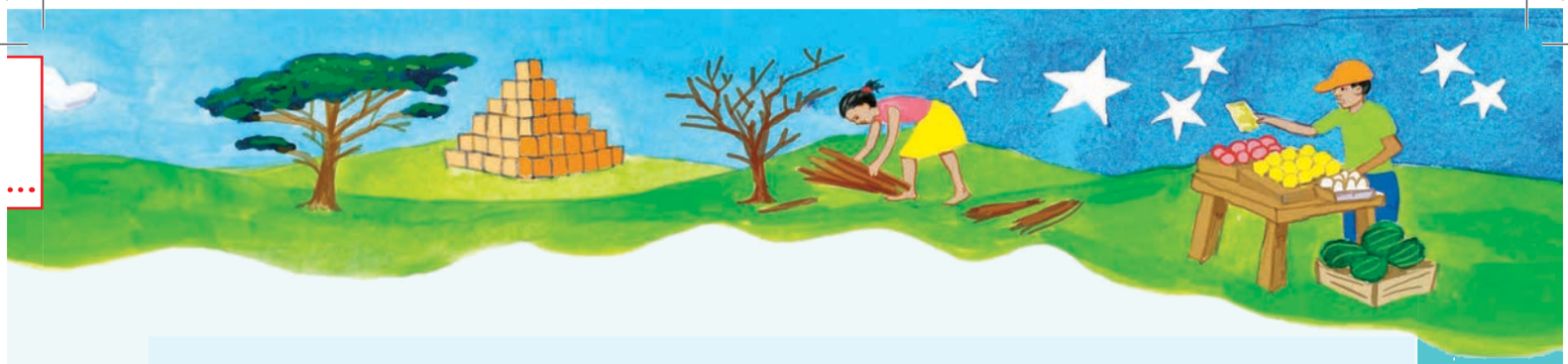
Buka isibonelo.



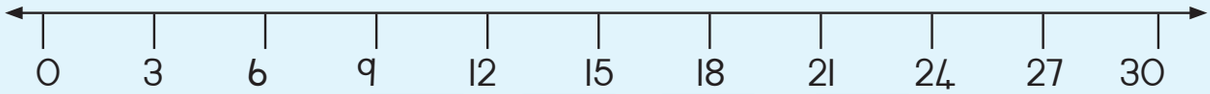
a. $3+3+3+3=$ ☐ $=4\times3=$ ☐



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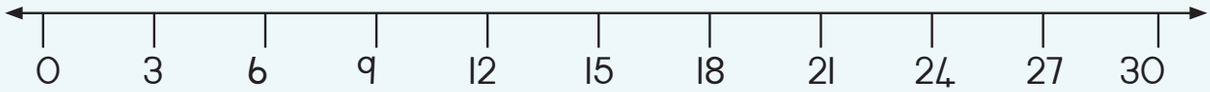


b.



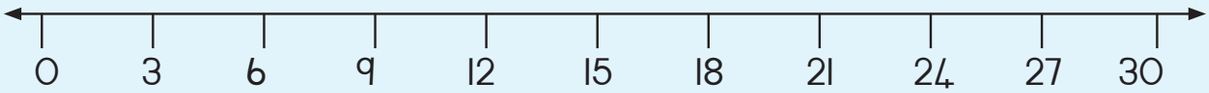
$3 + 3 + 3 + 3 + 3 = \square = \square \times \square = \square$

c.



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

d.



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



Amabhayisikili kanye nosondontathu





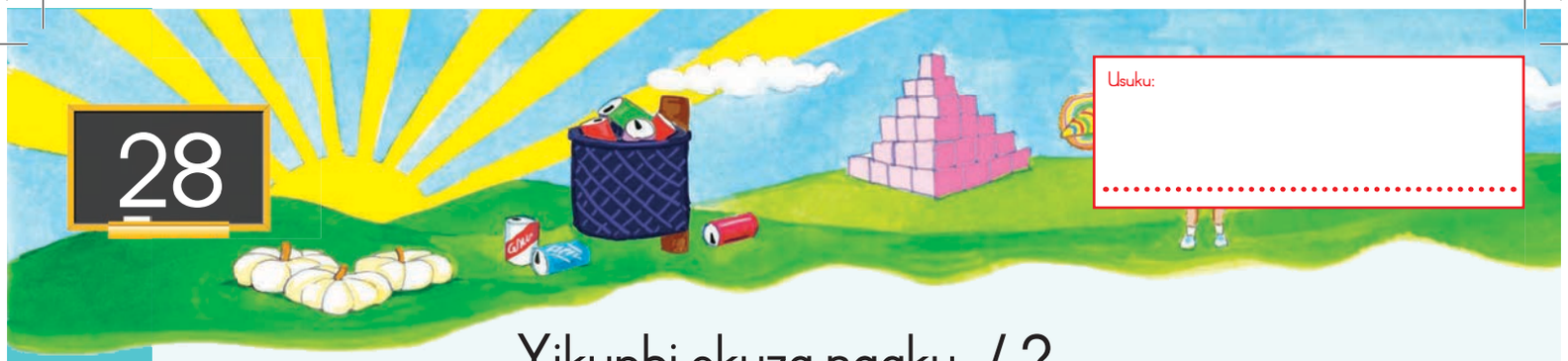
UBusi ubala amasondo emabhayisikilini kanye nawosondontathu esitolo.
Kunamasondo ayi-14 esewonke.

Mangaki amabhayisikili? _____	
Bangaki osondontathu? _____	

Teacher:
Sign:
Date:

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28

Usuku:

Ithemu I

Yikuphi okuza ngaku-4?



Ukubala imilenze

Okuthile ngezinto eziza ngazi-4
4 + 4 = 8; 2 × 4 = 8



Izinkomo zinemilenze emine.

Yikuphi okunye okuhamba ngaku-4? _____



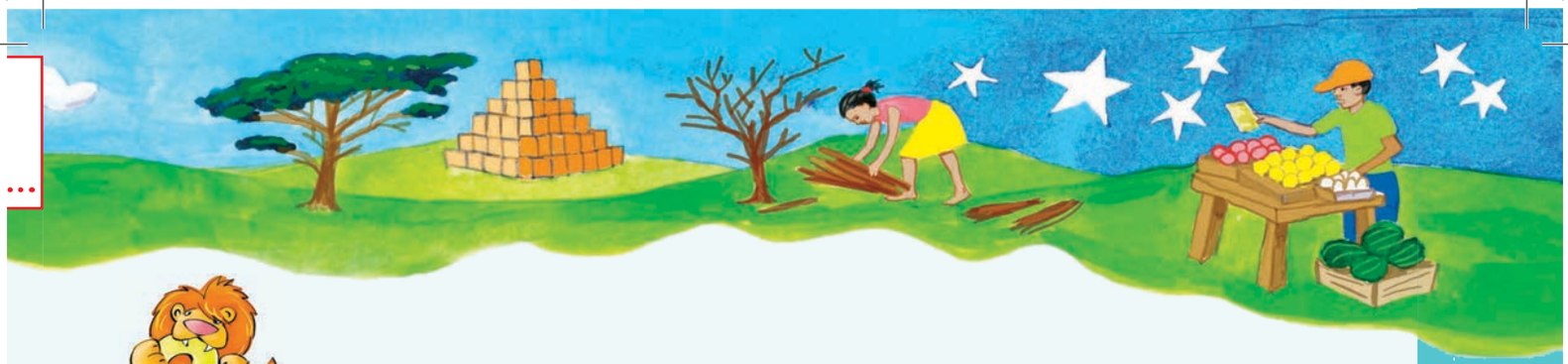
Ukubala imilenze

Hlukaniselanani izimpendulo.
Chazani ukuthi nikwenze kanjani.

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

inkomo e-1 imilenze e- 4	izinkomo ezi-2 imilenze e- 8
izinkomo ezi-3 imilenze e-	izinkomo ezi-4 imilenze e-
izinkomo ezi-5 imilenze e-	izinkomo ezi-6 imilenze e-
izinkomo ezi-7 imilenze e-	izinkomo ezi-8 imilenze e-
izinkomo ezi-9 imilenze e-	izinkomo ezi-10 imilenze e-

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Qedela leli thebhula elingezansi. Sebenzisa isibonelo.

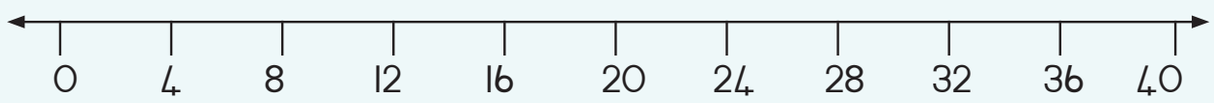
Izinkomo ezi-3 zinemilenze eyi-_____.	$4 + 4 + 4 = 3 \times 4 =$ 12
Izinkomo ezi-5 zinemilenze engama-_____.	
Izinkomo ezi-4 zinemilenze eyi-_____.	
Izinkomo ezi-7 zinemilenze engama-_____.	
Izinkomo ezi-8 zinemilenze engama-_____.	



Imigqa yezinombolo

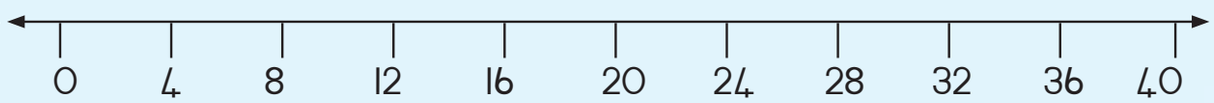
Khombisa isibalo sokuphindaphinda emgqeni wezinombolo bese uwuqedela.

a.



_____ = ☐ = $5 \times 4 =$ ☐

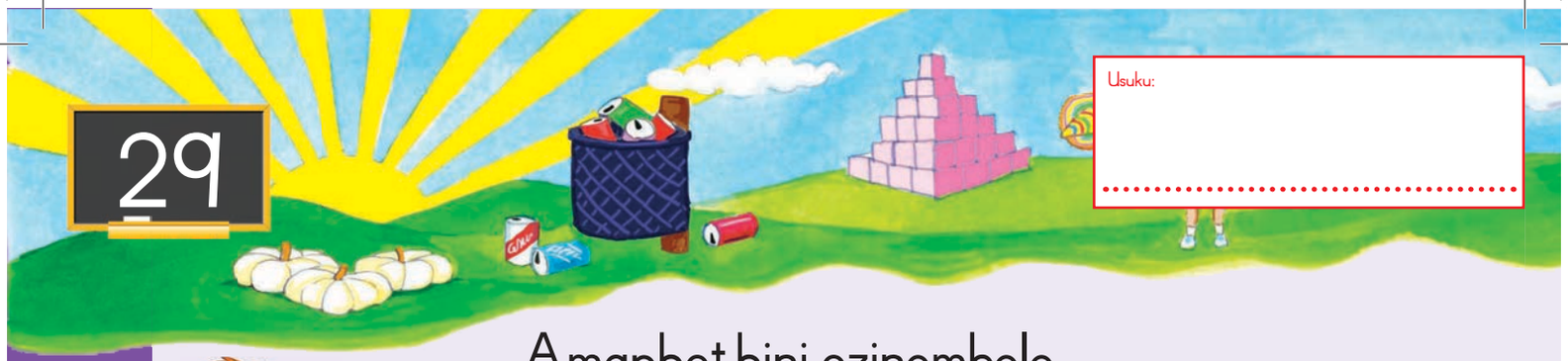
b.



_____ = ☐ = $9 \times 4 =$ ☐



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Usuku:

Ithemu I

Amaphethini ezinombolo



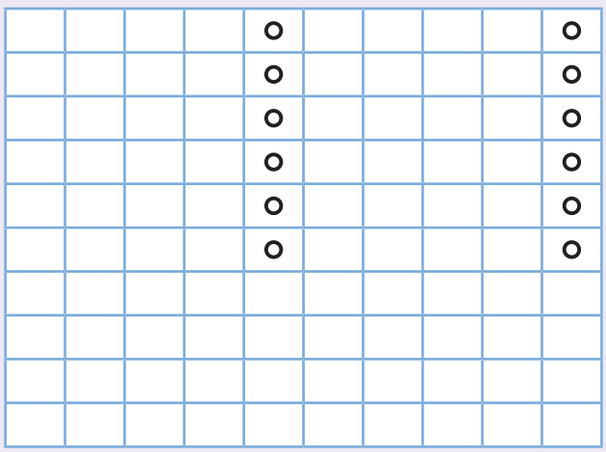
Amaphethini egridi

Zakha liphi iphethini iziyingi ezivela kugridi ye-100 ngayinye?

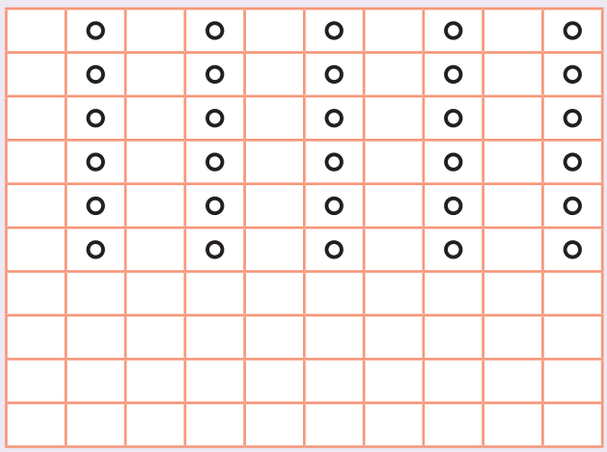
Dweba ezinye iziyingi ukuqedela iphethini ngalinye.

Bhala igama lephethini ngalinye.

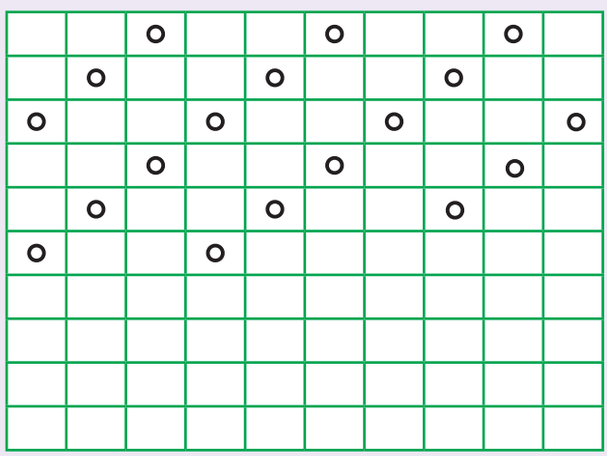
a. Iphethini: _____



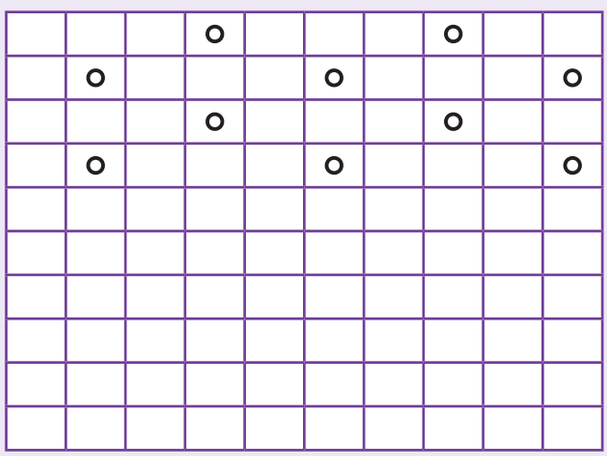
b. Iphethini: _____



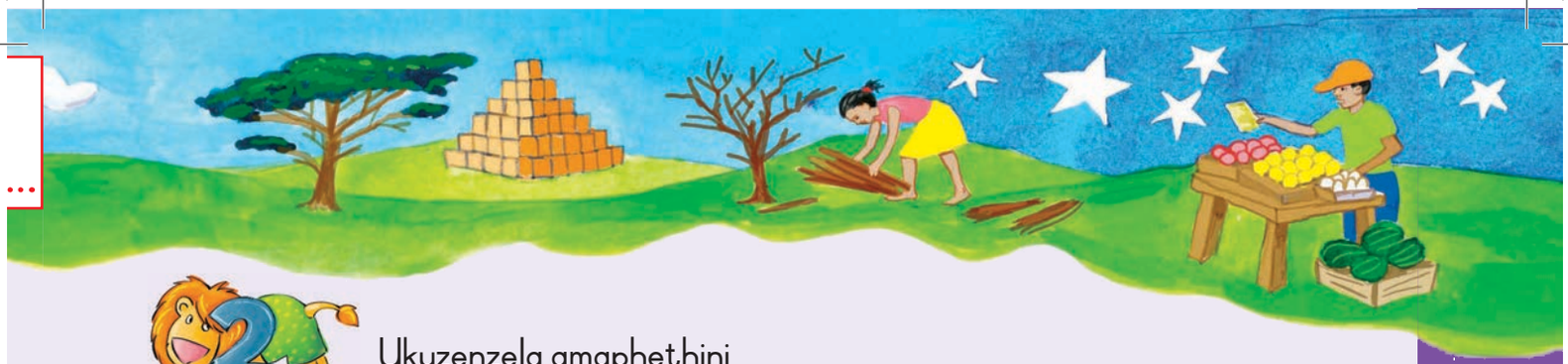
c. Iphethini: _____



d. Iphethini: _____



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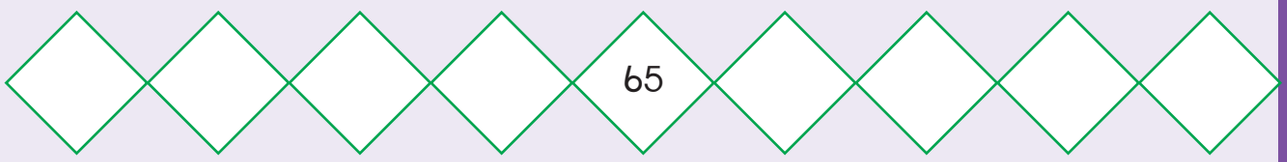


Ukuzenzela amaphethini

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



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





Zingena kuphi lezi zinombolo?



Iphethini lezinombolo ezibala ngaku-3 nangaku-4.	Iphethini lezinombolo ezibala ngaku-3 nangaku-5.	Iphethini lezinombolo ezibala ngaku-4 nangaku-5.
isb: 48		

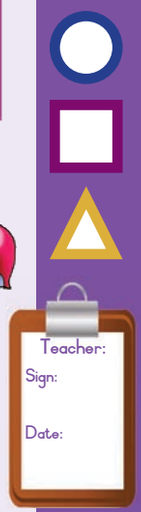


Olwandle



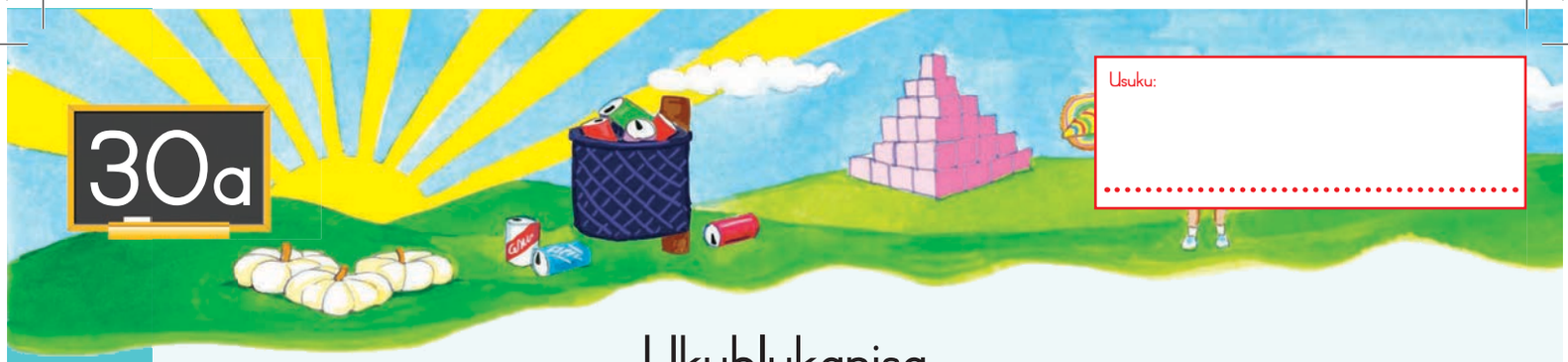
UThembi uqoqe amagobolondo ahamba nga-60 nanga-70 olwandle. Uma ewabala ngama-3, usala neli-1.

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



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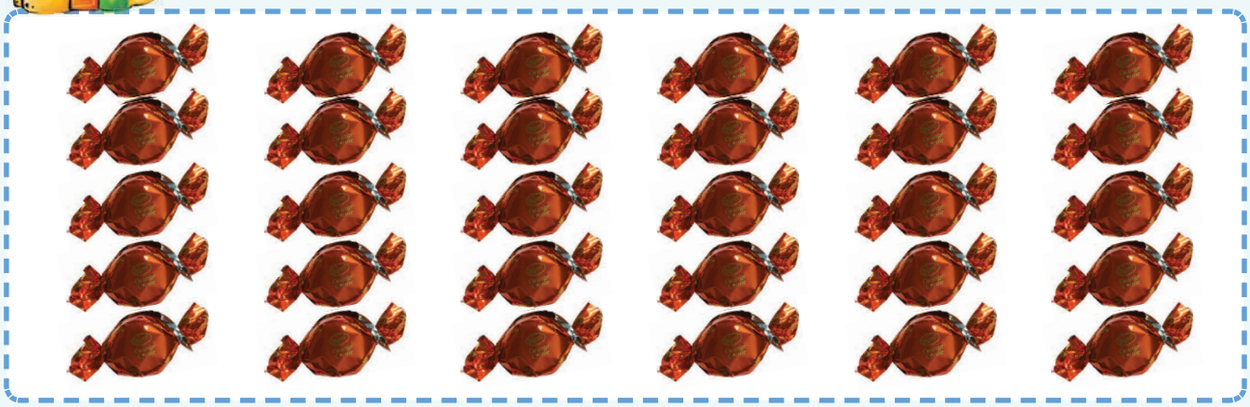
30a

Usuku:

Ukuhlukanisa



Hlukanisa amaswidi:



a. Hlukanisela abantwana ababili amaswidi angama-30.



Sikubhala kanje: 30 ÷ 2 = 15

b. Hlukanisela abantwana aba-3 amaswidi.



÷ =

c. Hlukanisela abantwana aba-5 amaswidi.

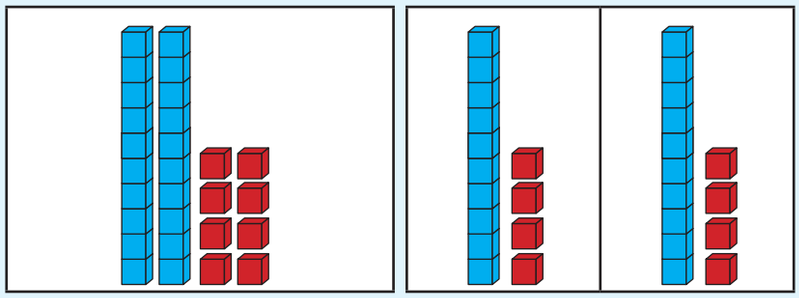


÷ =

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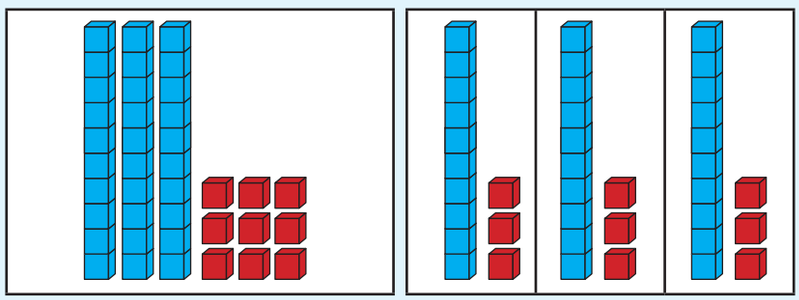
Singawasebenzisa amabhulokhi ezinombolo uma sihlukanisa.



28 ÷ 2 = 14

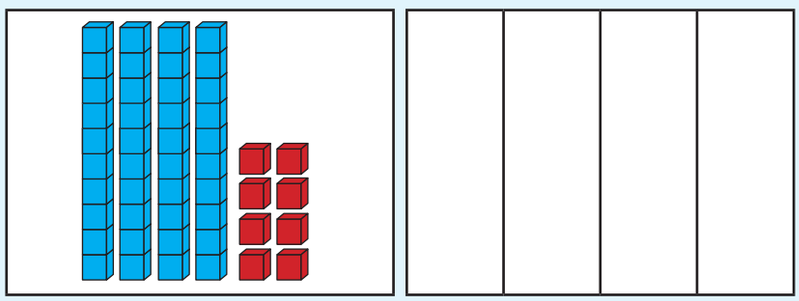
Yenza lezi.

a.



□□ ÷ 3 = □□

b.



□□ ÷ 4 = □□

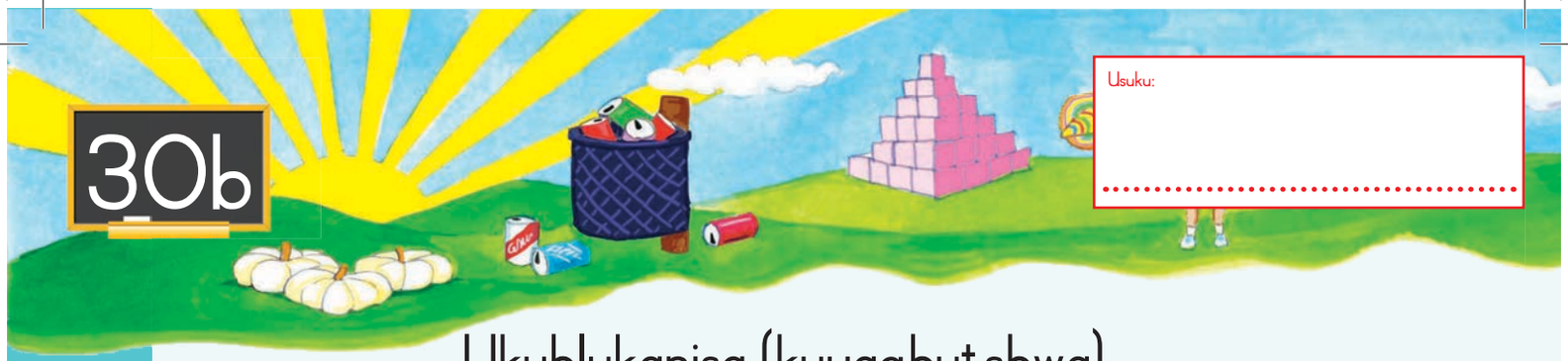
Teacher:

Sign:

Date:

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30b

Usuku:

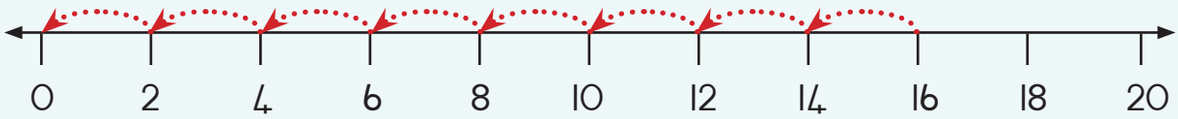
Ithemu I

Ukuhlukanisa (kuyaqhutshwa)



Sebenzisa imigqa yezinombolo ukubhala isibalo sokususa nesokuhlukanisa ngemisho yezinombolo.

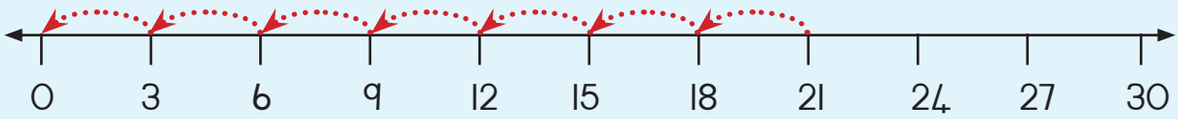
Isibonelo:



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

$16 \div 2 = 8$

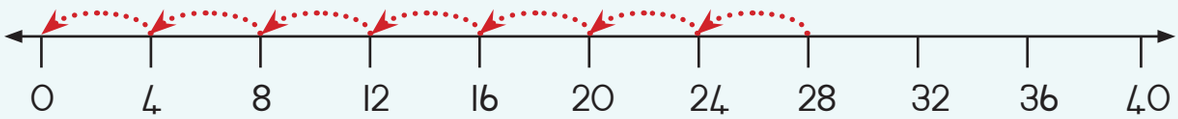
a.



21 – _____ = _____

☐ ÷ ☐ =

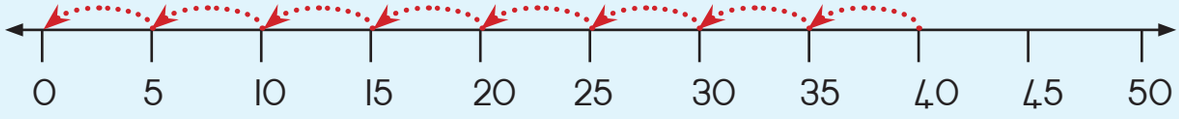
b.



28 – _____ = _____

☐ ÷ ☐ =

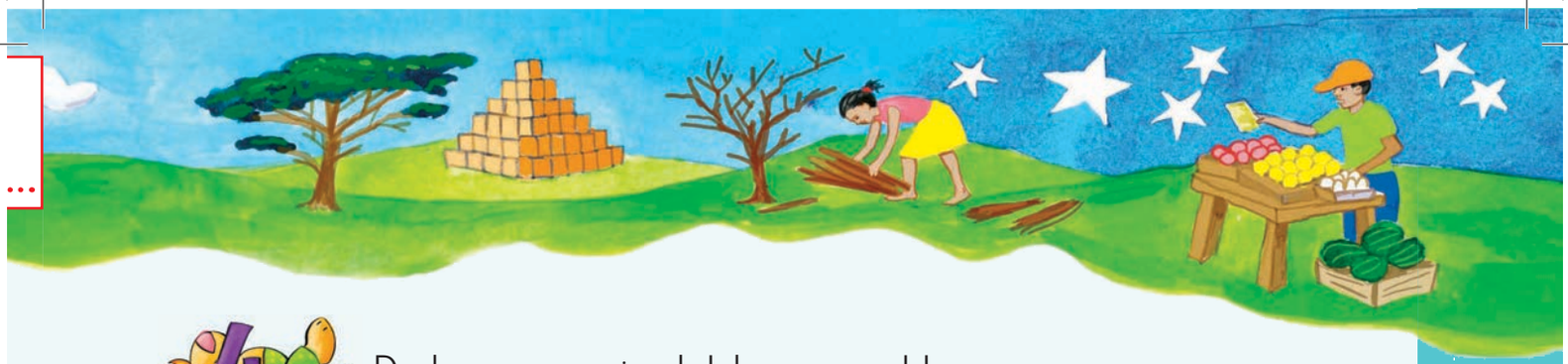
c.



___ – _____ = _____

☐ ÷ ☐ =

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Dweba umugqa wezinombolo bese uwuxazulula.

a. 30 ÷ 5 =

b. 22 ÷ 2 =

c. 27 ÷ 3 =

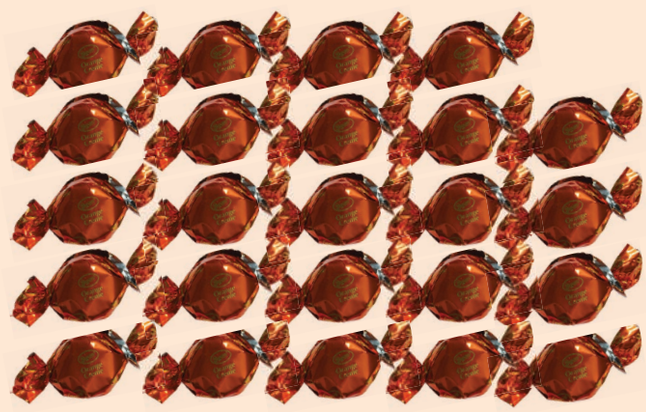
d. 32 ÷ 4 =

e. 25 ÷ 5 =

Inselele

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

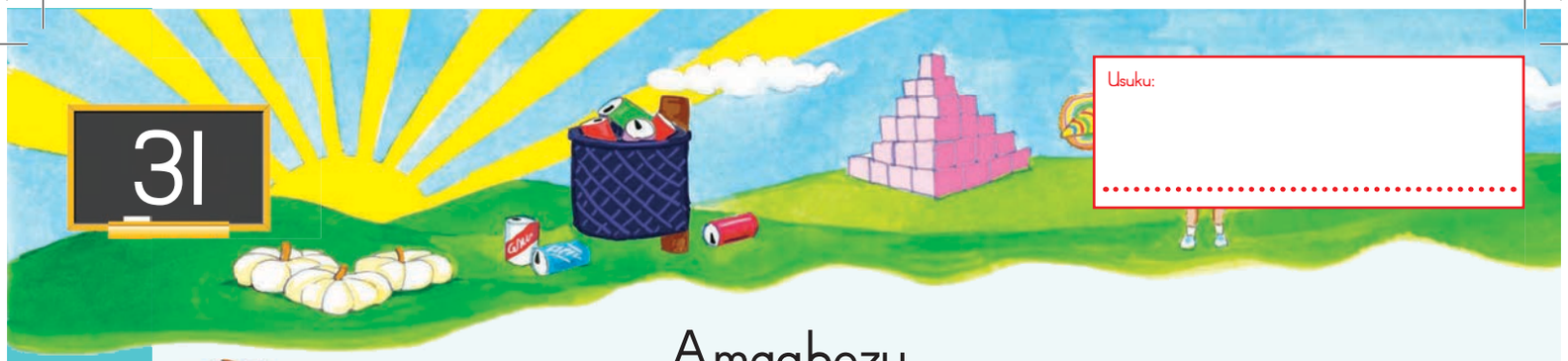
Bhala imisho yezinombolo ukukhombisa impendulo.



Teacher:
Sign:
Date:

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31

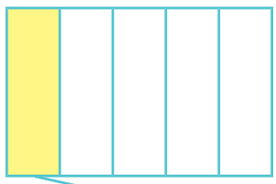
Usuku:

Ithemu I

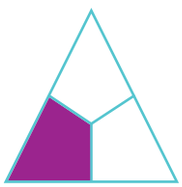
Amaqhezu



Dweba umugqa uqondanise isimo neqhezu.



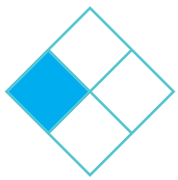
Okukodwa kokuthathu $\frac{1}{3}$



Okukodwa kokuhlanu $\frac{1}{5}$



Ikota $\frac{1}{4}$



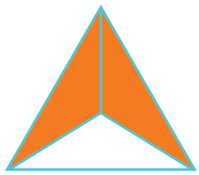
Uhhafu $\frac{1}{2}$



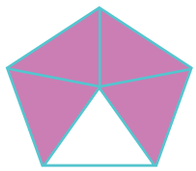
Amakota amathathu $\frac{3}{4}$



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



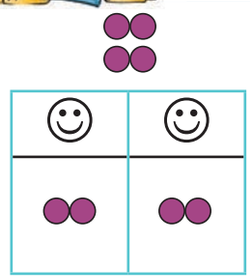
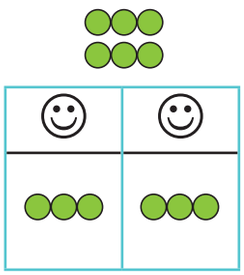
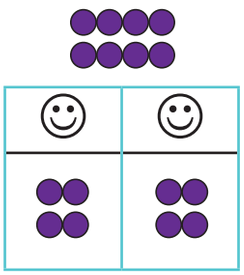
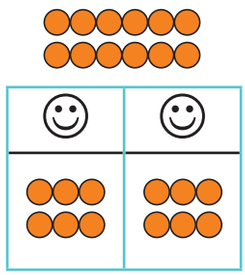
$\frac{1}{5}$ Okukodwa kokuhlanu

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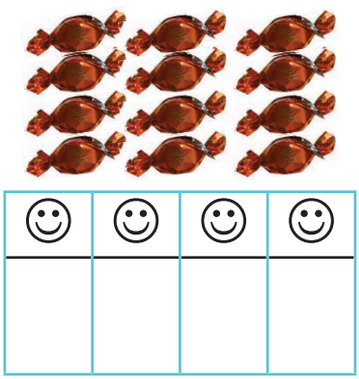
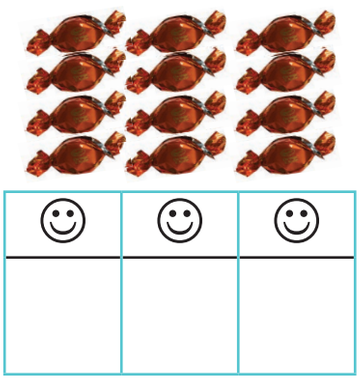


Hlukanisela abantwana ababili izibali.

			
• Sithole izibali ezi-2 umuntu ngamunye. Iqhezu eliwuhhafu wezibali ezi-4 yizibali ezi-2.	• Sithole izibali ezi-_____ umuntu ngamunye. • Iqhezu eli-_____ lezibali ezi-_____ yizibali ezi-_____.	• Sithole izibali ezi-_____ umuntu ngamunye. • Iqhezu eli-_____ lezibali ezi-_____ yizibali ezi-_____.	• Sithole izibali ezi-_____ umuntu ngamunye. • Iqhezu eli-_____ lezibali ezi-_____ yizibali ezi-_____.
4 ÷ 2 = 2	___ ÷ ___ = ___	___ ÷ ___ = ___	___ ÷ ___ = ___



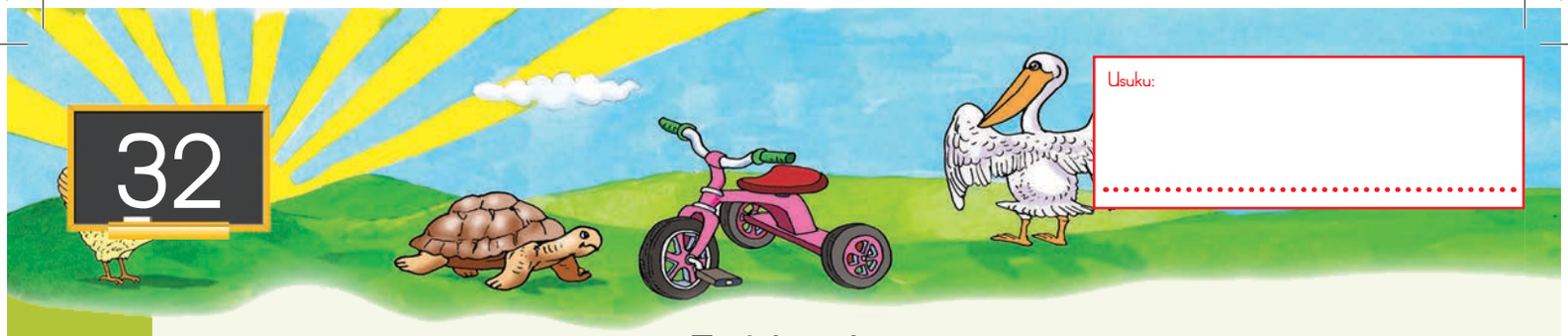
Hlukanisela abantwana amaswidi.

	
• Ikota lamaswidi = 3 • Amakota amabili = _____ • Amakota amathathu amaswidi = ___ • Amakota amane amaswidi = _____	• Okukodwa kokuthathu kwamaswidi = ___ • Okubili kokuthathu kwamaswidi = ___ • Okuthathu kokuthathu kwamaswidi = ___



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Usuku:

Isikhathi

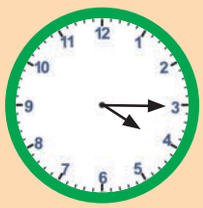


Funda iwashi

Singabhala isikhathi esifanayo ngezindlela ezahlukene.

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

Bhala lezi zikhathi ngezindlela ezi-2 ezahlukene.

		
_____ _____	_____ _____	_____ _____



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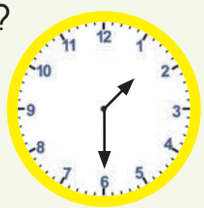


Ukuya ekhaya

Uthatha isikhathi esingakanani uBebe ukufika ekhaya?

imizuzu

amahora



UBebe uyasuka esikoleni.



UBebe uyafika ekhaya.

Isikhathi siyagijima

Isikhathi uma ubala nga-2...



Mingaki imizuzu emahoreni 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	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		

UNhlangulana

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 ziyi-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? _____.

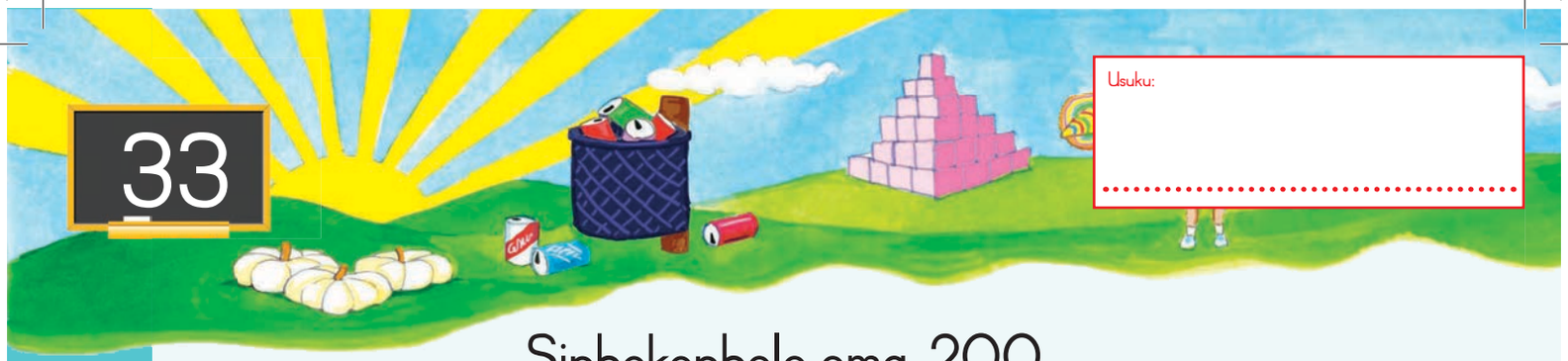
Hlola. Qhathanisa. Lungisa.

c. Usuku lukaLebu lokuzalwa lungaphambili ngezinsuku eziyisi-7 oSukwini LweNkululeko. OlukaMusa lusemuva ngezinsuku ezimbili koLweNtsha.
Ngubani omdala? _____ Mdala ngezinsuku ezingaki? _____

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Date:

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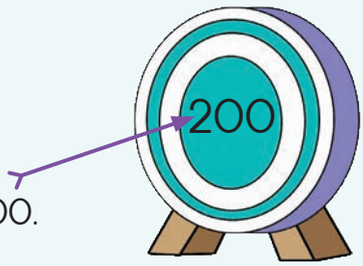
Usuku:

Siphokophele ema-200

Ithemu 2



Ukubala izinombolo



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



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



Ukubhala izinombolo

a. Bhala izinombolo ezingekho ezikweleni eziluhlaza.

b. Bhala izinombolo ezisele.

c. Bhala izinombolo ezili-10 eziza emva kwama-200.

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

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3 Bhala izinombolo ezingekho

a.

200		180			
					110
50					
					0

b.

87		107	
167			
		207	
			237

4 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.

_____

_____

_____

_____

5 Qhubeka ubale usuke e-100

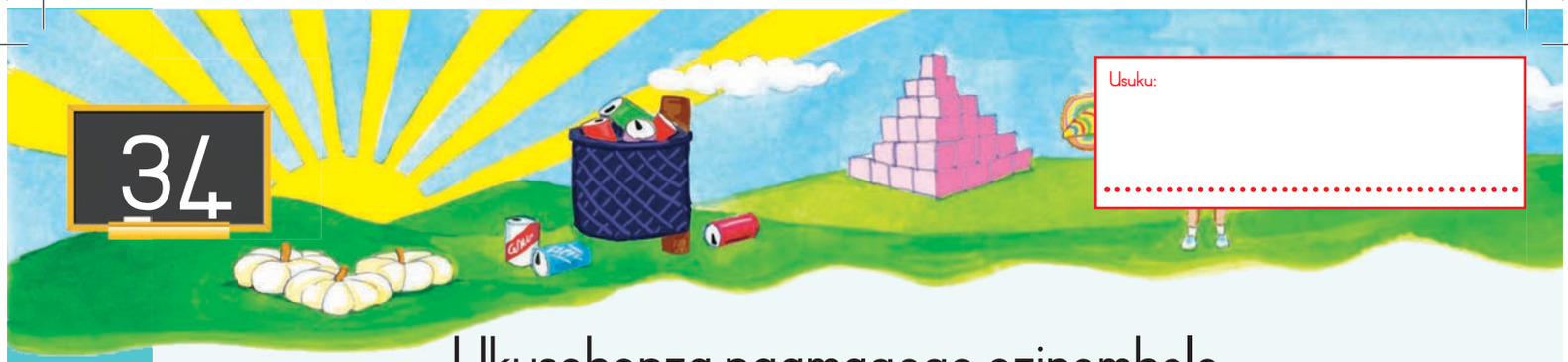
Udingani ukufinyelela enombolweni elandelayo?

Qala 100 → +25 → 125 → ____ → 129 → ____ → 138 → ____ → 145 → ____ → 151 → ____ → 157 → ____ → 168 ← Qeda

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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? _____

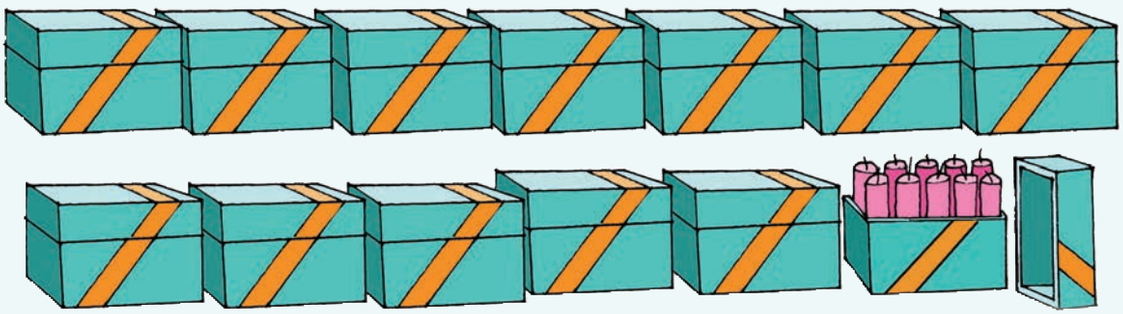
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Amabhokisi amakhandlela

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? _____

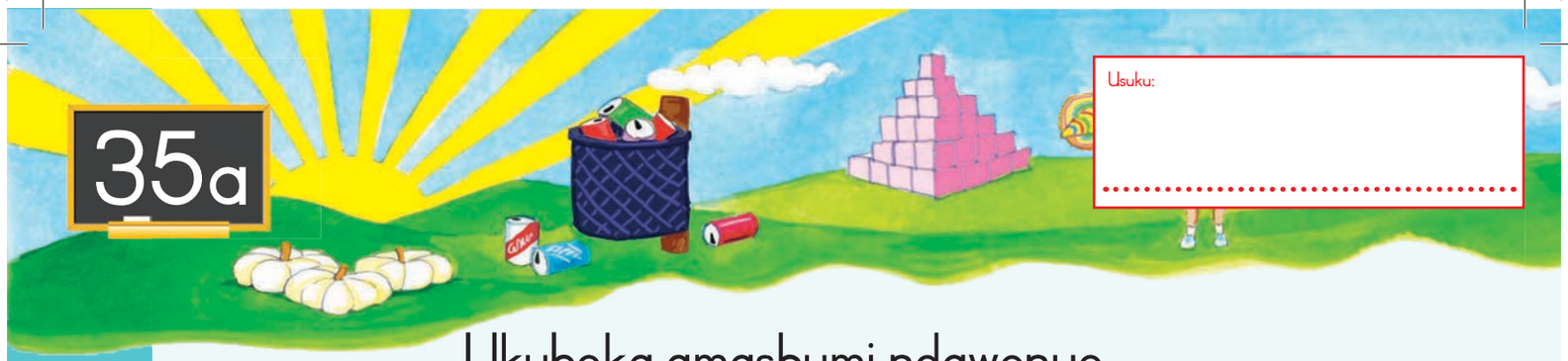
c. Udinga amabhokisi amangaki ngalokhu?

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

Teacher:
Sign:
Date:

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35a

Usuku:

Ithemu 2

Ukubeka amashumi ndawonye kanye nokuwehlukanisa



Ukubeka amashumi ndawonye uma uhlanganisa

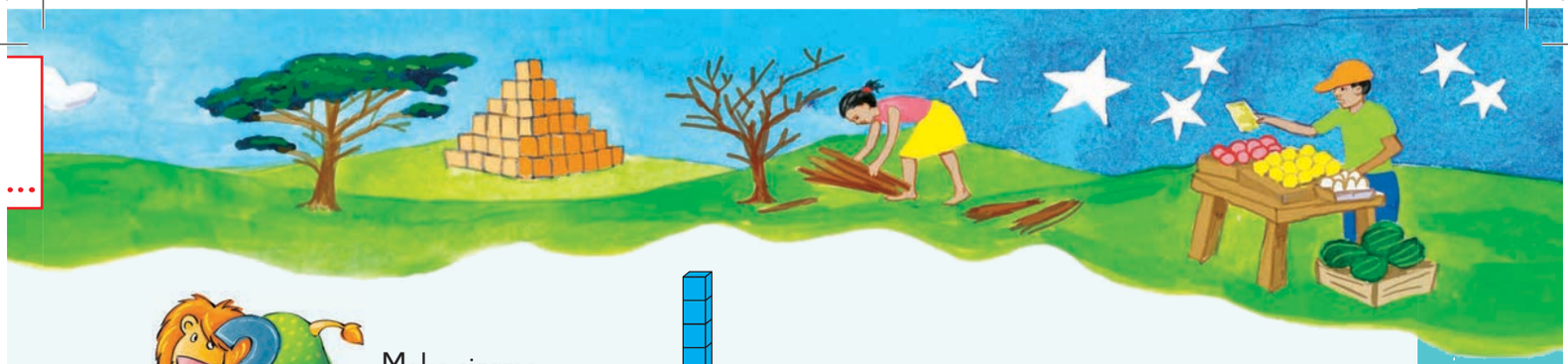
Masihlanganise 56 + 73 =			
	amashumi ama-5 nemivo eyi-6	+	amashumi ayi-7 nemivo emi-3

ama-100	ama-10	imivo

Sekukonke sinamashumi ayi-12.

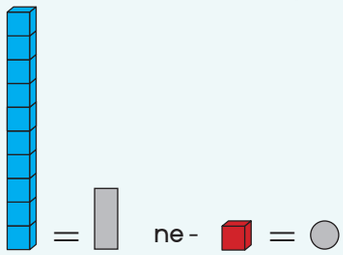
Singawabeka ama-10 ayishumi ndawonye ukwenza i-100.

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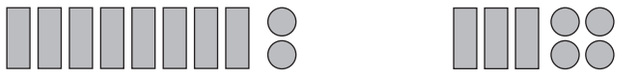




Make sizame.



Isibonelo: 82 + 34



100 + 20 + 6 = 126

b. 65 + 52

c. 76 + 63

d. 86 + 65

Teacher:

Sign:

Date:

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35b

Usuku: .....

Ukubeka amashumi ndawonye kanye nokuwehlukanisa (kuyaqhutshwa)



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 amashumi + 12 imivo = 110 + 12	122
38 + 25 =	_____ amashumi _____ imivo		
77 + 31 =	_____ amashumi _____ imivo		
68 + 45 =	_____ amashumi _____ imivo		
83 + 47 =	_____ amashumi _____ imivo		

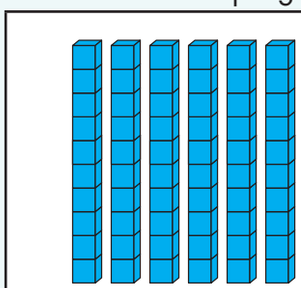


Ukubeka amashumi eceleni uma senza isibalo sokususa

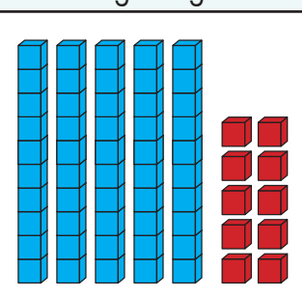
Uma sisusa, siyaye sidinge ukukhombisa ishumi elilodwa sithi yimivo eyishumi, kumbe ikhulu elilodwa ngokuthi amashumi ayi-10.

Make sisuse: 60 – 55 =

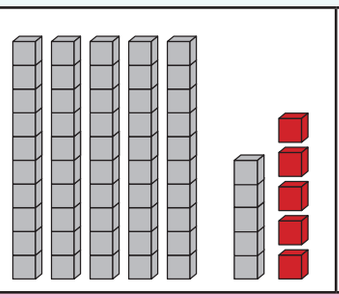
Siqala ngamashumi ayi-6 nomuvo ongekho. Sifuna ukususa amashumi amahlanu nemivo emihlanu. (Sifaka umbala ompunga kuleyo mivo esiyisusayo.)



Sikhombisa amashumi ayisi-6 kanje.



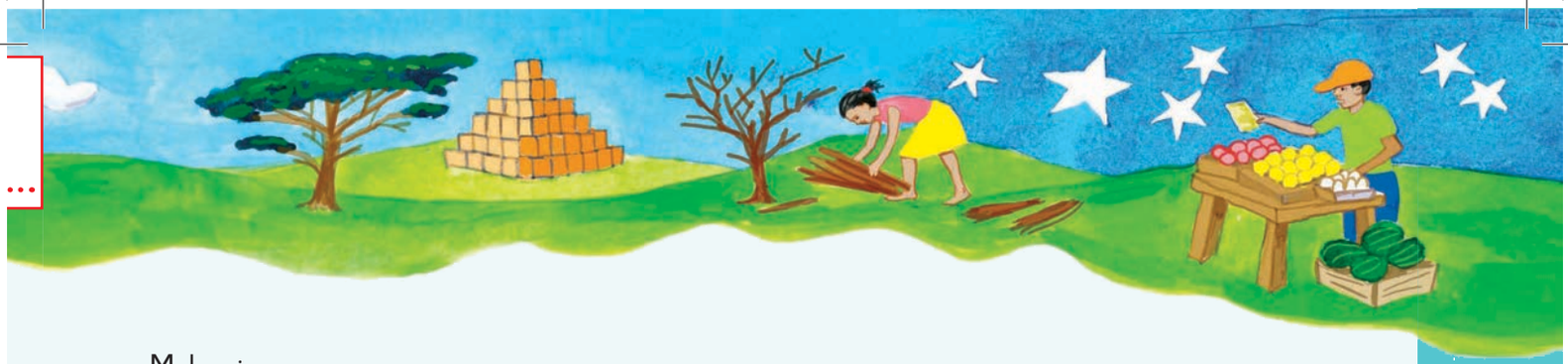
Noma amashumi ama-5 nemivo eyi-10.



Susa amashumi ama-5 nemivo emi-5. Kusala imivo emihlanu.

60 – 55 = 5

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Make sizame.

a. 70 – 28

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

b. 90 – 46

c. 80 – 53



Ukuthola amapheya ezinombolo.

a.

200	
30	

b.

200	
70	

c.

200	
	105

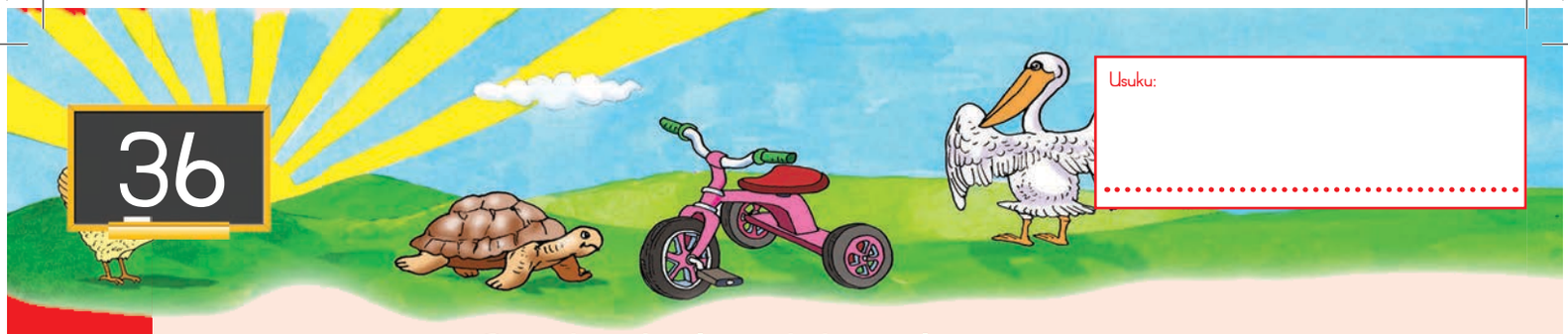
d.

200	
85	

Teacher:
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36

Usuku:

Ithemu 2

Sivakashela udokotela wamazinyo



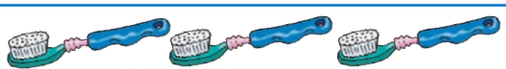
Iqenjana labantwana livakashele udokotela wamazinyo.



Nazi izimpendulo zabantwana.  = 1 kanye

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

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

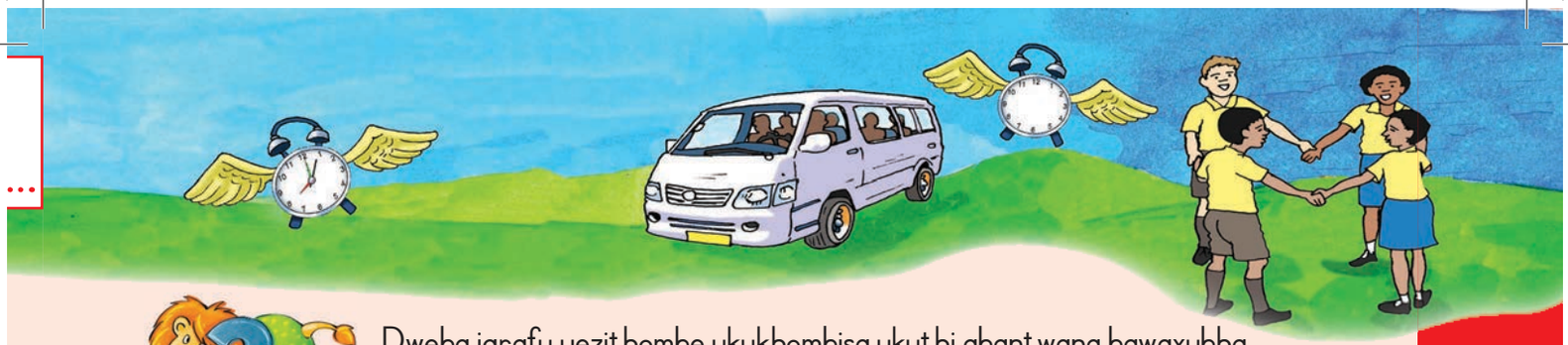
 Kanye ngosuku	
 Kabili ngosuku	
 Kathathu ngosuku	

b. Ubonani kuleli thebhula?

Abantwana abaningi baxubha amazinyo ka- _____ ngosuku.
Abantwana abancane baxubha amazinyo ka- _____ ngosuku.

1 2 3 4 5 6 7 8 9 10

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Dweba igrafu yezithombe ukukhombisa ukuthi abantwana bawaxubha kangaki amazinyo ngosuku.

 = Kanye ngosuku



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

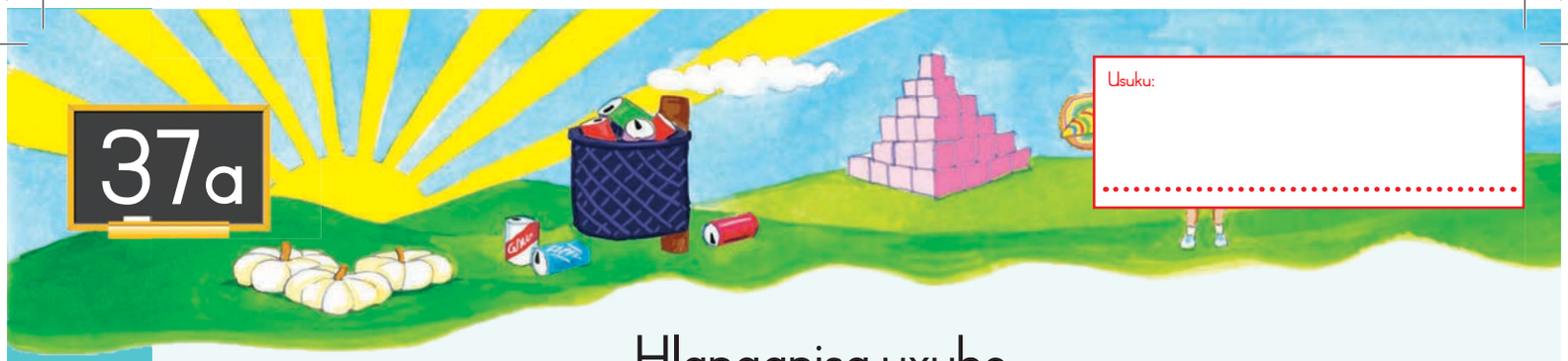
a. Babuze ukuthi bawaxubha kangaki amazinyo ngosuku._____

b. Dweba igrafu yezithombe efana nale engenhla ukhombise izinto ozitholile.

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37a

Usuku:

Ithemu 2

Hlanganisa uxube

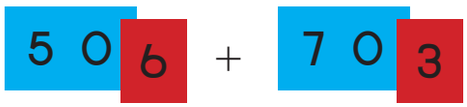


Ukubhala isibalo sakho



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 elungiselela izinombolo 56 + 73:

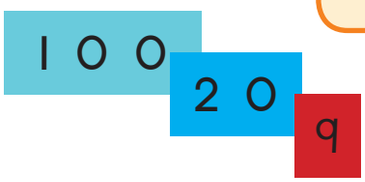


Uhlanganisa imivo abeke ikhadi lokuyi-9.



Uyazi ukuthi: 50 + 70 = 120.

Usebenzisa ikhadi lamakhulu, lama-20 nele-9 ukwenza inombolo enamadijithi ama-3.



Lokhu ukubhala kanje:

50 + 70 + 6 + 3
= 50 + 70 + 9
= 120 + 9
= 100 + 20 + 9
= 129



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



50 + 6 + 70 + 3

120 + 9

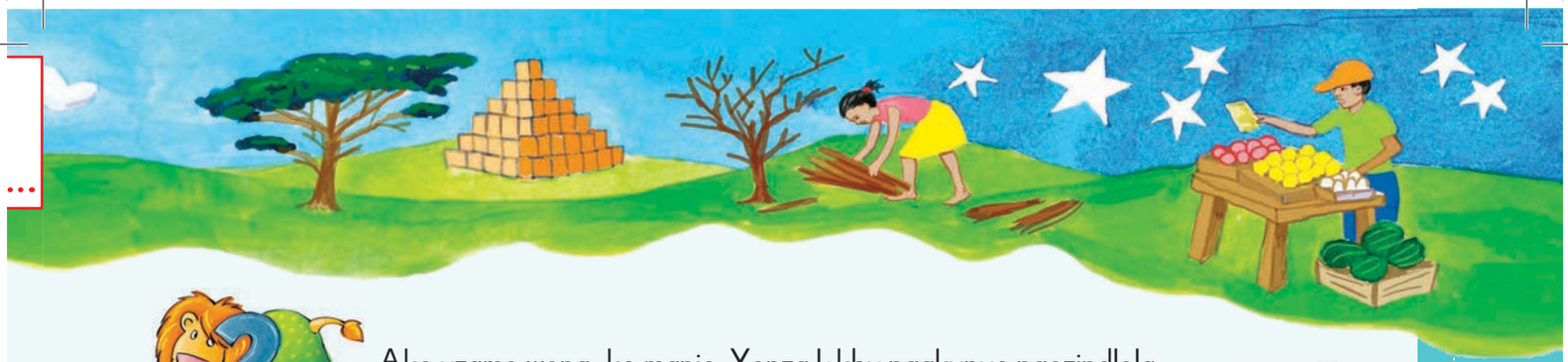
= 129

U-Aakar uyathanda ukusondezela. Ukwenza kanje:

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



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





a. 86 + 62

Indlela kaBusi

80 + 60 + 6 + 2

Indlela kaDumi

80 + 6 + 60 + 2

b. 72 + 63

c. 81 + 57

d. 69 + 71

Sebenzisa indlela ka-Aakar ukwenza lesi.

Teacher:
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37b

Usuku:

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

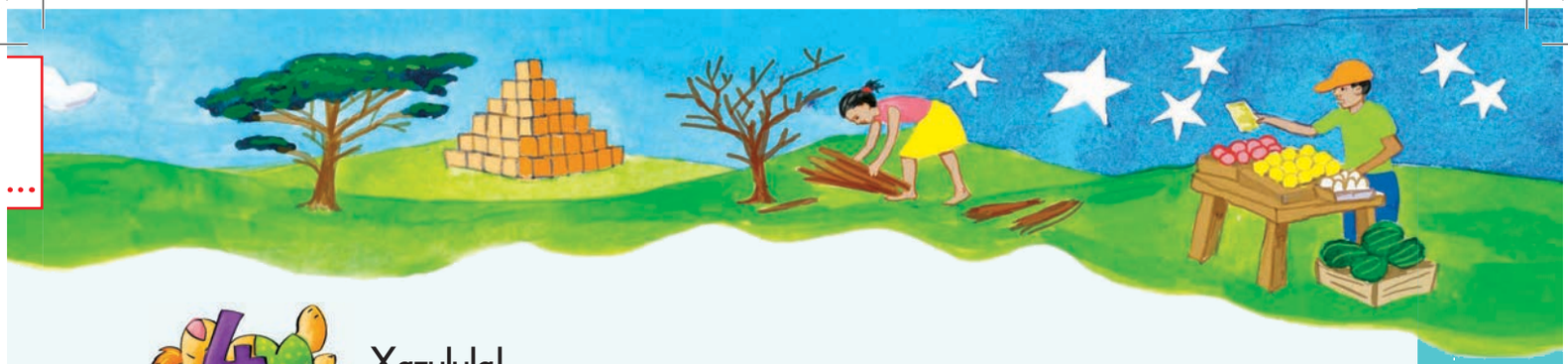
= 34

b. 95 – 73

c. 86 – 62

d. 85 – 69

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Xazulula!

Ziningi izindlela zokuhlanganisa imivo namashumi 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 bakwaMalusi 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:

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38

Usuku:

Xazulula!



Izivalo zamabhodlela

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

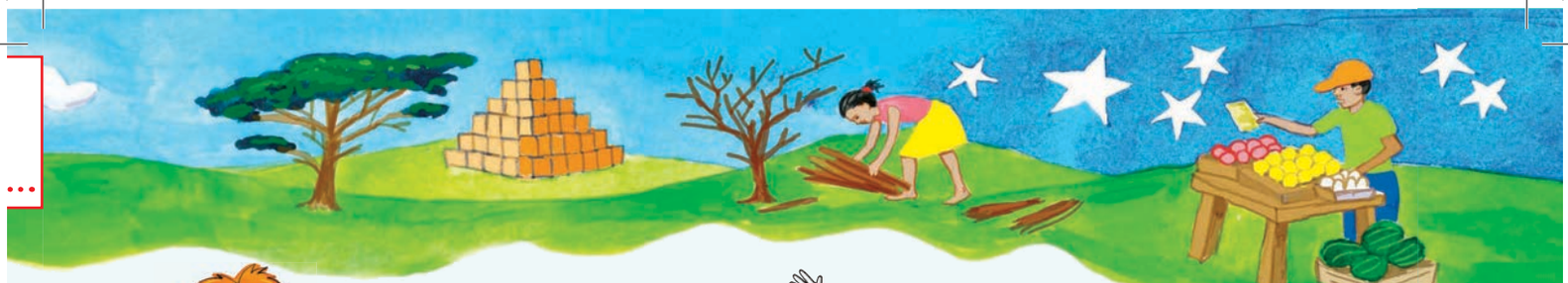


UMusa



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

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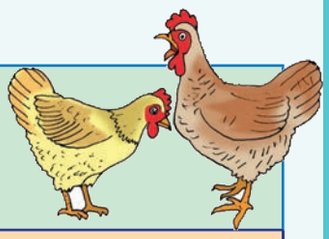




Siyaqhubeka nokuzejwayeza



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



Indlela kaGugu

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



Indlela ka-Aakar

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



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

Sebenzisa indlela kaGugu	Sebenzisa indlela ka-Aakar

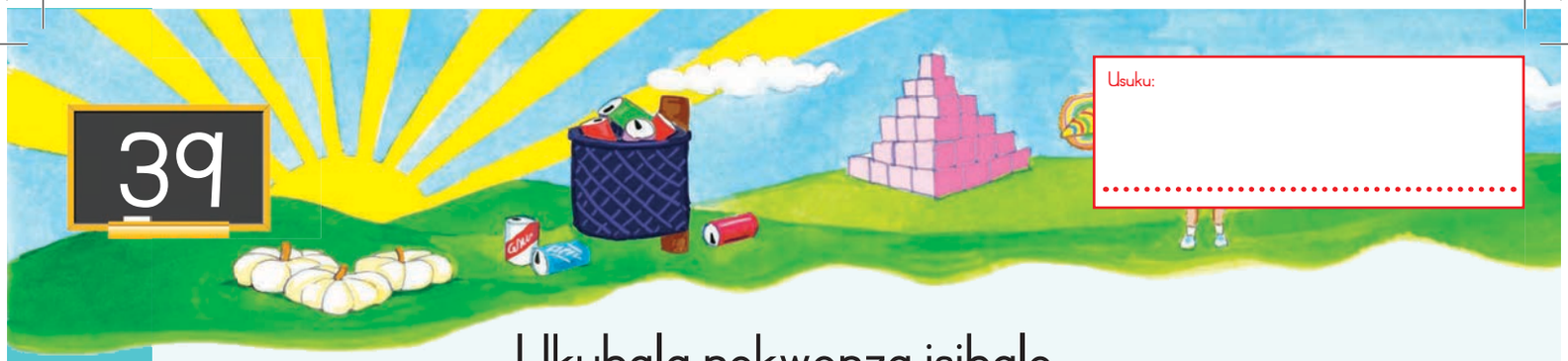
b. Isikole siqoqe ama-kg angama-76 amakani. Esinye sithole ama-68 kg amakani. Mangaki amakani alezi zikole zombili esewonke?

Sebenzisa indlela kaGugu	Sebenzisa indlela ka-Aakar



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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.

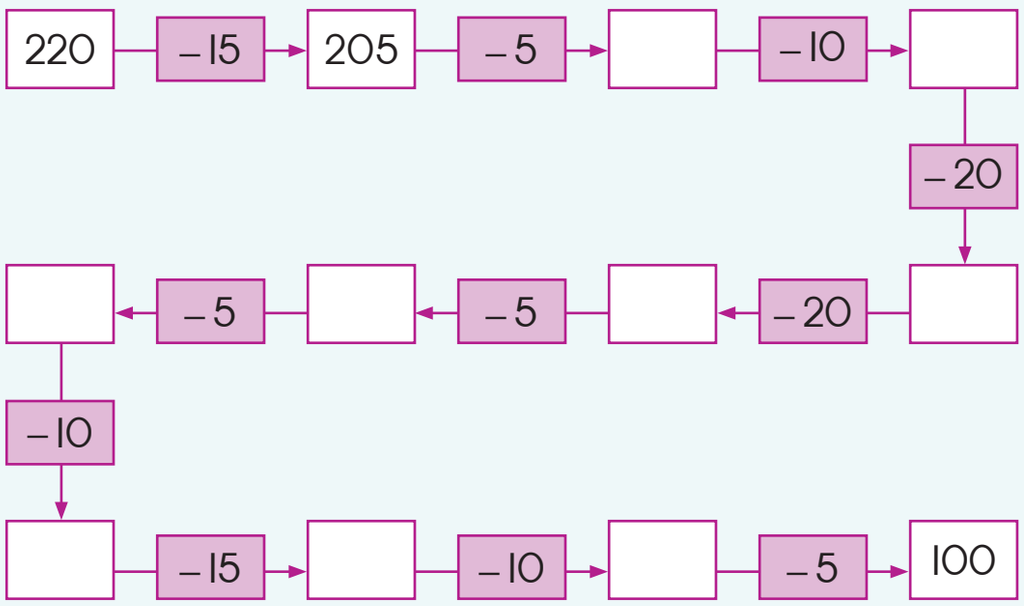
200	
	120



Ukususa ema-220 kuhlehlela e-100

Yibe lokhu ususa izinombolo ezisebhokisini eliphinki.

Sikwenzele okokuqala.



Nansi indlela yokuhlola izimpendulo.

Qala e-100.

Phindela ema-220.

Manje, hlanganisa izinombolo.

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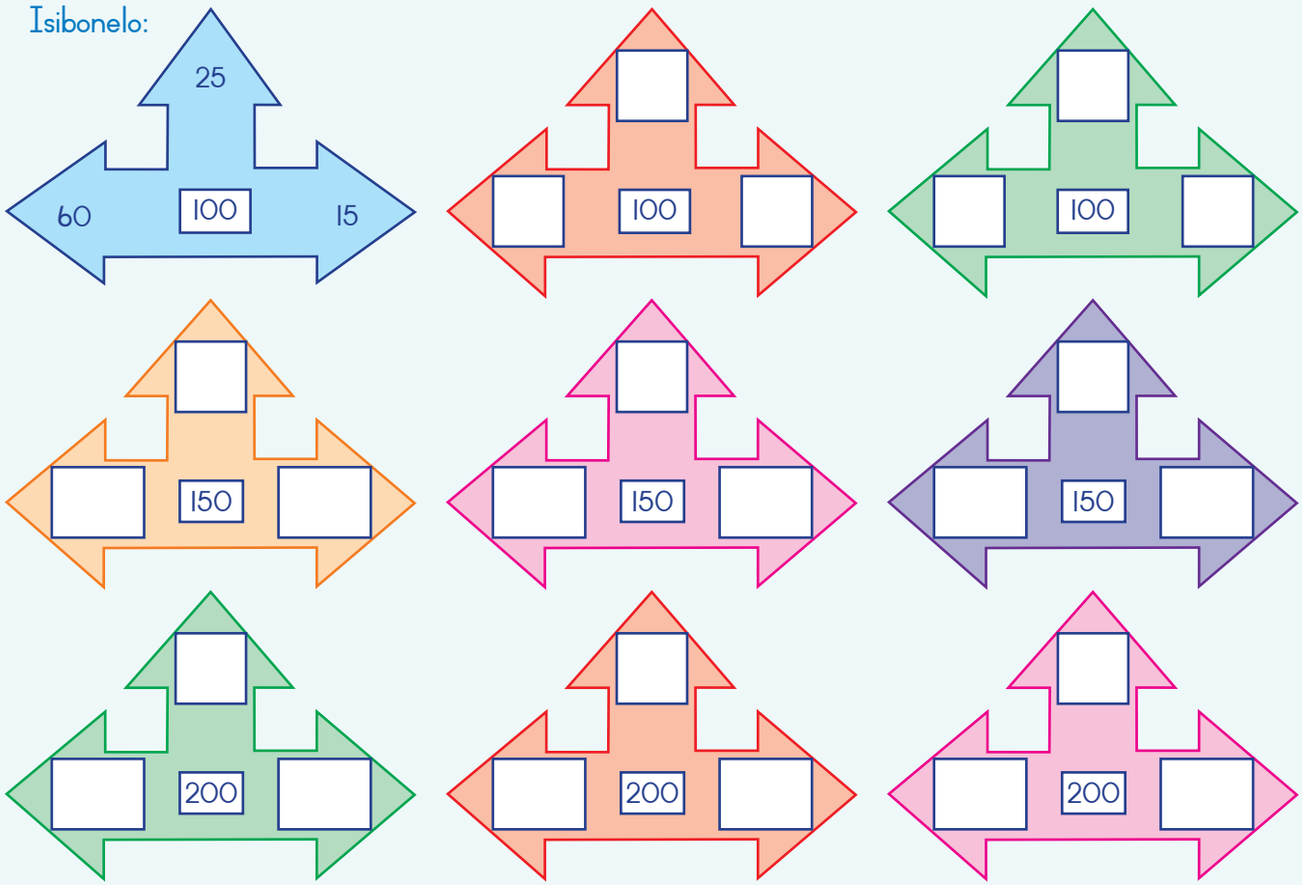




Imindeni yokuthathu

Thola izinombolo ezi-3 ozihlanganisa zize zifinyelele enombolweni oyiphokophele.
Umthetho: Yinye inombolo engaphelela e-0.

Isibonelo:





Ukuhlanganisa ama-50 nokususa ama-50

Bhala izimpendulo emugqeni wesibili.

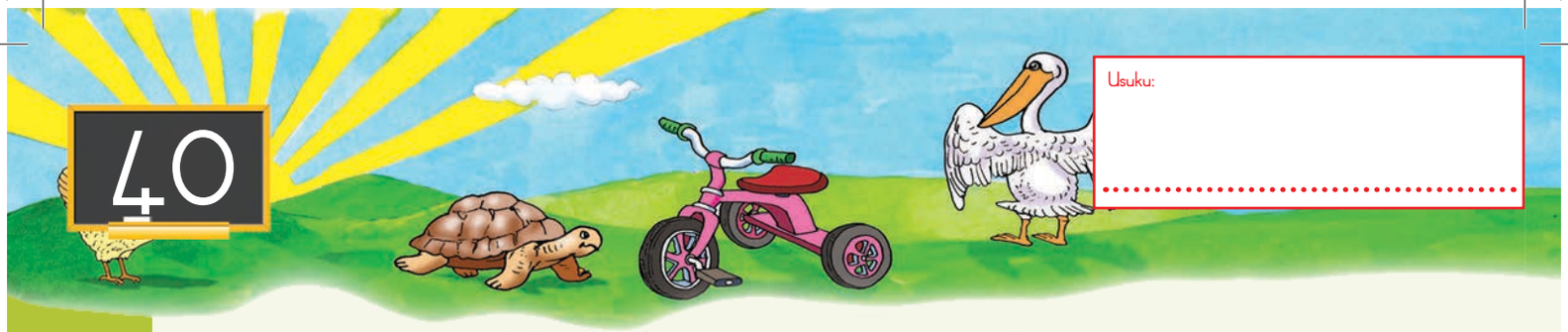
+50	70	125	150	81	96	122	134	111	70
	120								
−50	186	200	158	179	139	79	126	138	99
	136								



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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40

Usuku:

Ukukala ngamasentimitha



Lide kangakanani isentimitha?



Izinombolo eruleni zimele amasentimitha. Sifinyeza isentimitha sithi cm.

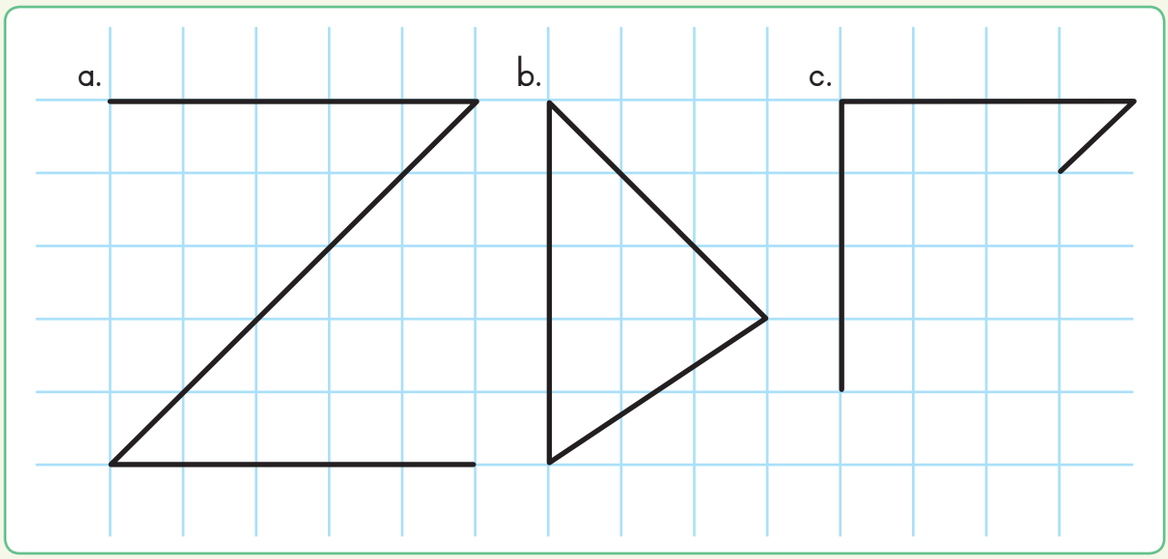
Uma usebenzisa irula kumele uqale ukukala ezengeni lika-0.

Amanye amarula awalivezi izenga lika-0, enza njengaleli elikuleli khasi.

Thola u-0 cm eruleni. Beka iphrestiki lapho ucabanga ukuthi u-0 ukhona.
Ukuphi u-10 cm eruleni? Bhala 10 khona lapho.



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



a. Linganisela	cm	b. Linganisela	cm	c. Linganisela	cm
Kala	cm	Kala	cm	Kala	cm



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Mude kangakanani umugqa ngamunye?

Umugqa ngamunye kungabe mude ngama-cm amangaki?

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



Uqinisekile?

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



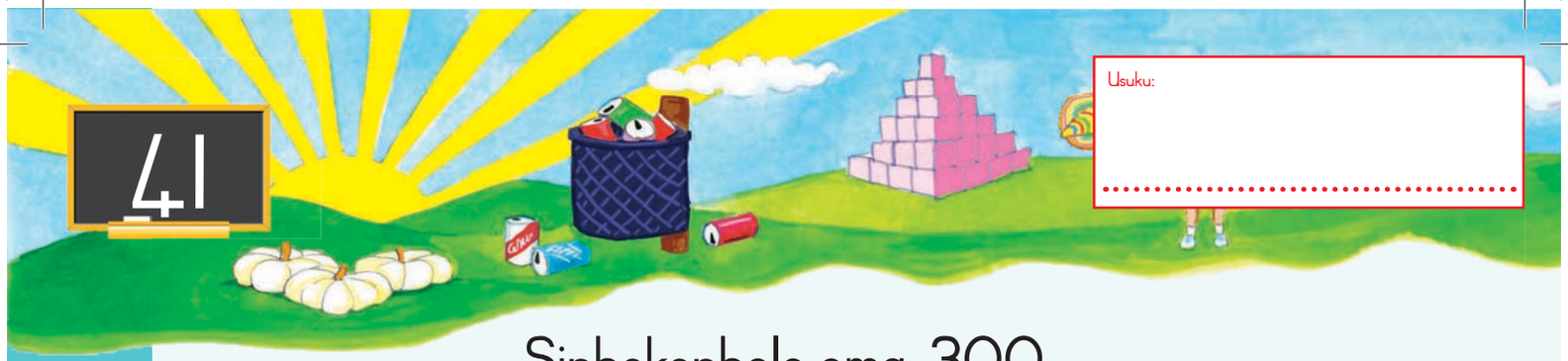




Yile nto esiyibiza ngokukhohliseka kwamehlo. Kwenzeka uma amehlo akho kuba sengathi abona into engekho lapha. Le migqa iyalingana ngobude. Lo obomvu umugqa mude ngokulinganayo nalona oluhlaza. Ukukhomba ngaphakathi komcibisholo kwenza umugqa obomvu ubukeke umfushane. Imigqa emnyama ngokukhomba kwayo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



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Usuku:

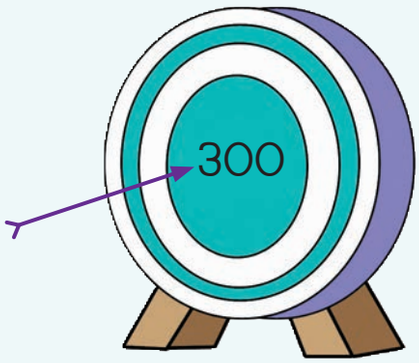
.....

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									
221									
231									
								249	
			254						
				265					
		273							280
281					286				
							298		300

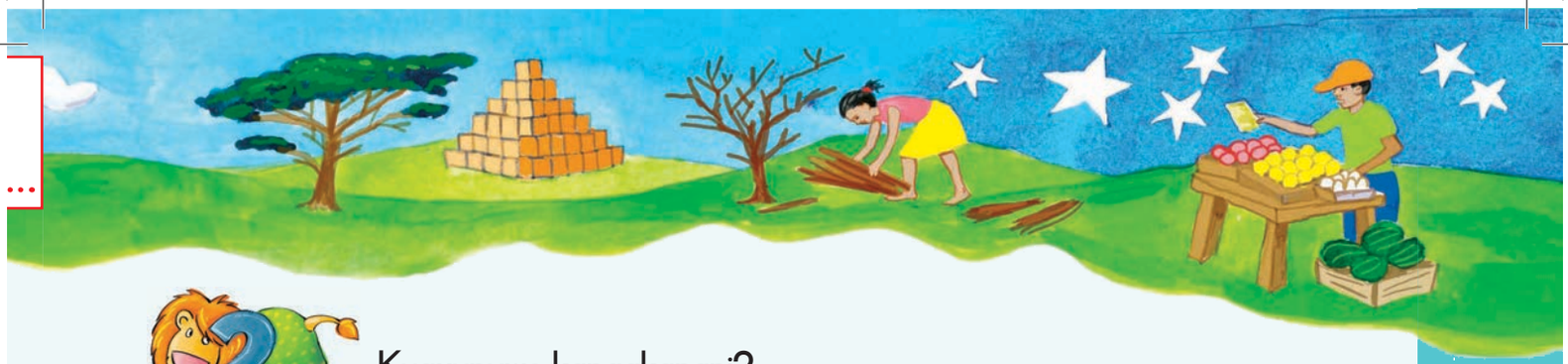


Bhala ama-10 alandela emva kwama-300.

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



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Kugxunywe kangakanani?

301		281					
		171					211
					101		

Ukukhombisa nokuqhathanisa

a. Bhala izinombolo ezihambisana nekhadi ngalinye.

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

200

90

8

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

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

Yini eguqukile? Bhala izinombolo ezingekho.

Qala: 200 → +25 → 225 → ____ → 237 → ____ → 249 → ____ → 261

Qedela: 300 ← ____ ← 286 ← ____ ← 278 ← ____ ← 261

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

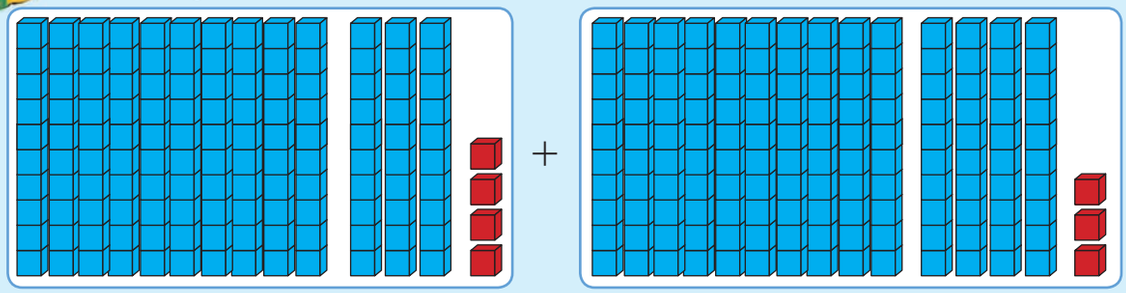
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42

Usuku:

Ukuhlanganisa nokususa ngama-100

Ukuhlanganisa usebenzisa amabhulokhi.



100 30 4 + 100 40 3

= 200 70 7

= 277

Landela izindlela ezimbili. Khombisa impendulo ngayinye ngezindlela ezimbili.

a. 132 + 123



Indlela kaBusi

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

= 200 + 50 + 5

= 255



Indlela kaDumi

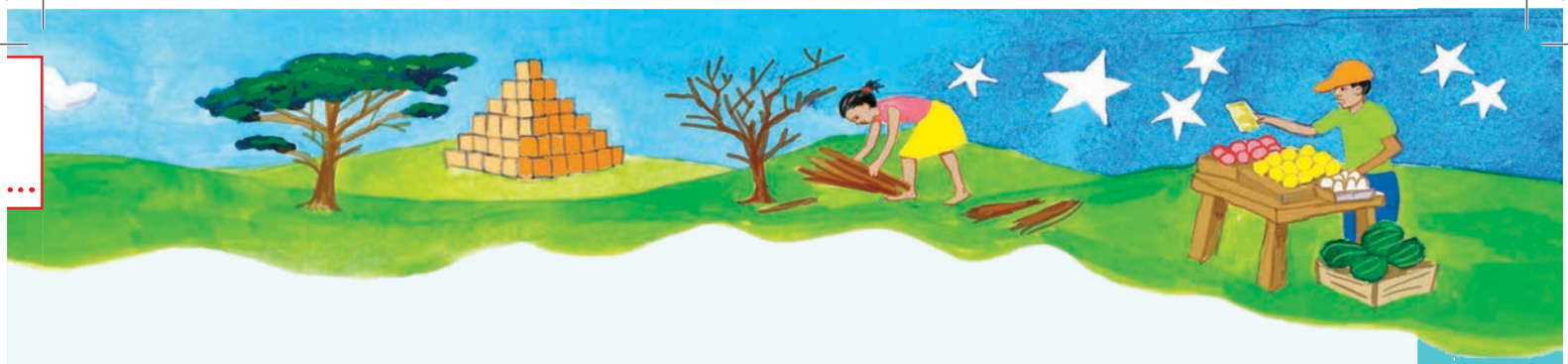
132 + 123

= 200 + 50 + 5

= 255

b. 114 + 162

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c. 276 + 148

Fundisisa indlela ngayinye. Yenza isibalo usebenzise izindlela ezimbili.







a. 158 – 146

Indlela kaBusi

= 100 – 100 + 50 – 40 + 8 – 6

= 0 + 10 + 2

= 12

Indlela kaDumi

158 – 146

= 0 + 10 + 2

= 12

b. 194 – 122

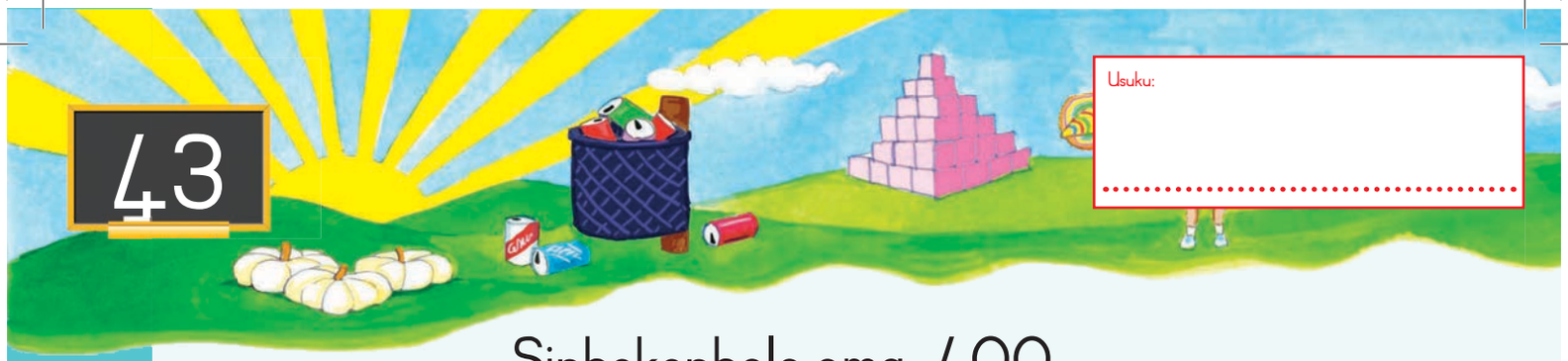
c. 288 – 199

Teacher:

Sign:

Date:

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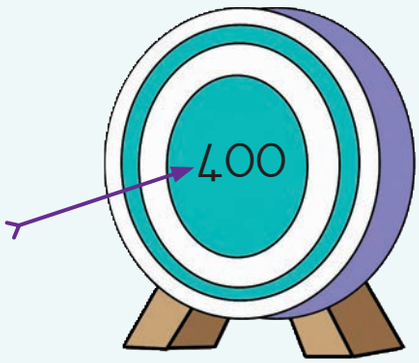
Usuku:

Ithemu 2

Siphokophele ema-400



Ukubala nokubhala uye ema-400



Bala uqhubeke usuke ema-300 – 400.

Zisho izinombolo ngenkathi ubala.

Bhala izinombolo ezingekho kugridi.

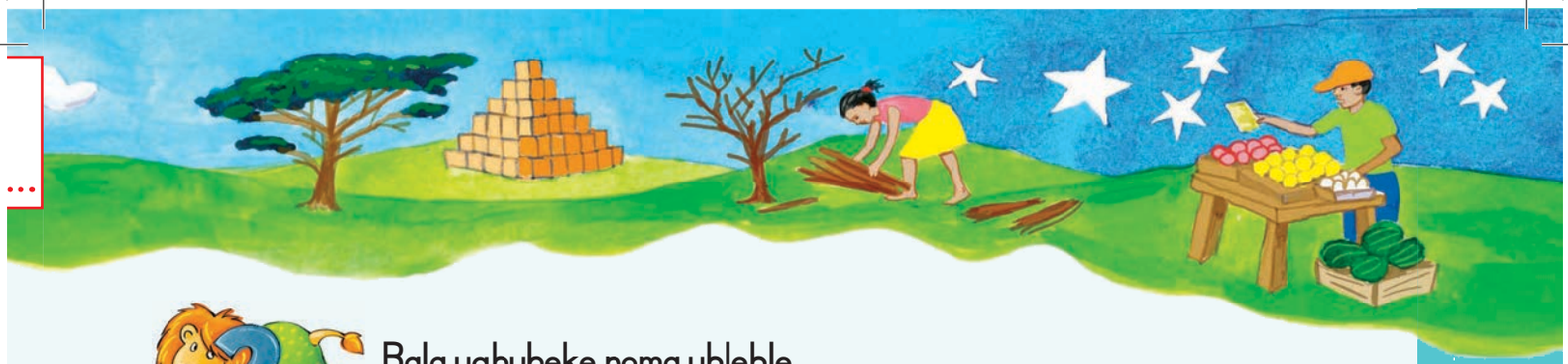
301									310
				315					
									330
331				335					
								249	
				365			368		
		273							
									390
									400



Bhala izinombolo eziyi-9 emva kwama-400.

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

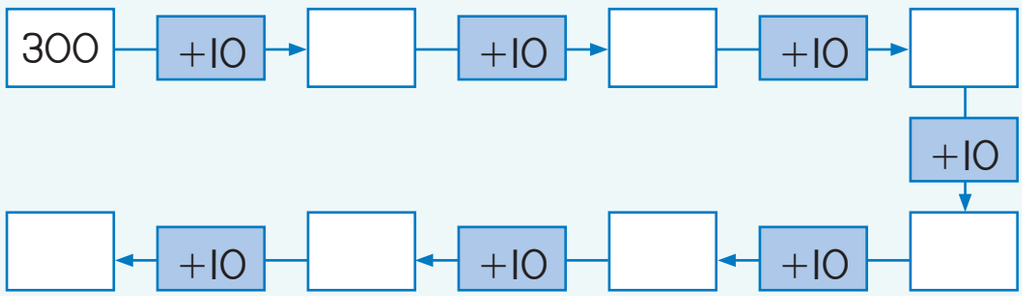
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2 Bala uqhubeke noma uhlehle.

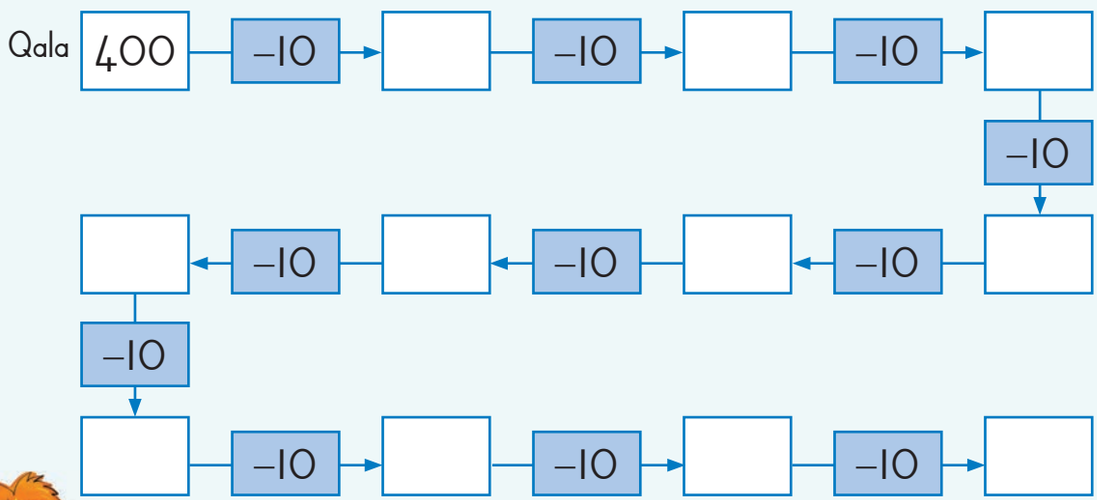
a. Ukubala uqhubeke usukele ema-300 ubala ngamashumi.

Qala



Qeda

b. Bala uhlehle usukele ema-400 ubala ngamashumi.



3 Bhala inombolo eyodwa.

300 + 20 + 4 = _____ 300 + 10 + 5 = _____

300 + 50 + 3 = _____ 300 + 70 + 7 = _____

300 + 60 + 2 = _____ 300 + 90 + 9 = _____

300 + 80 + 1 = _____ 300 + 40 + 8 = _____

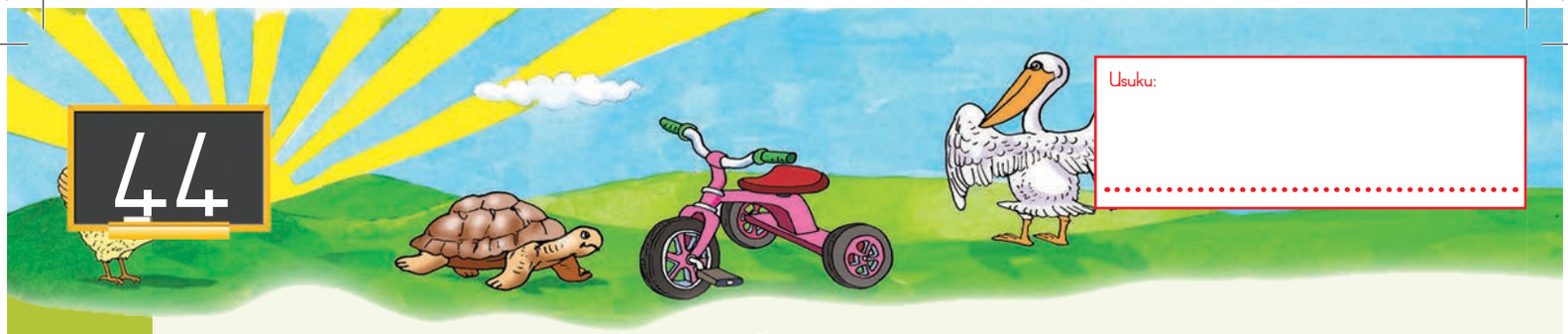
Bhala izinombolo zilandelane zisukele kwencane kunazo zonke ziye kwenkulu kunazo zonke.

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

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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44

Usuku:

Ithemu 2

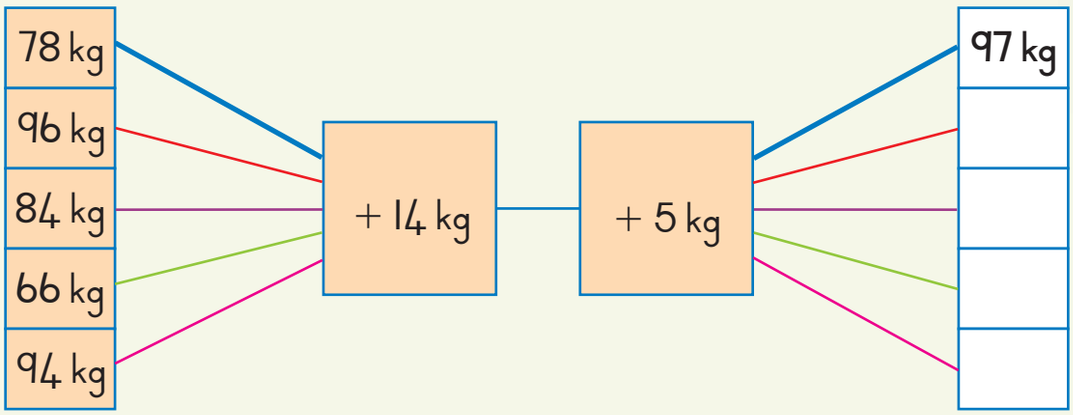
Ukukala isisindo



Faka amanye amakhilogramu.

Hlanganisa bese ubhala izimpendulo.

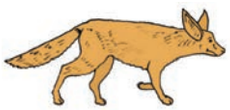
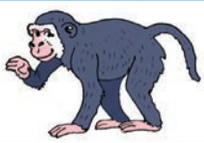






Ukusondezela nokuhlanganisa!

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 kwesisindayo.

_____

Linganisela isamba sesisindo sezilwane zo-5.

_____



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Hlanganisa isisindo sazo

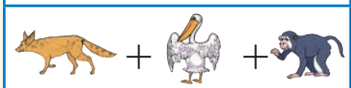
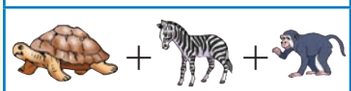


Ngingase ngingasindi njengawe.
Ngiwufudu oludala, kodwa ngiyashesha!



Izindlela

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

	Ngiyalinganisela	Ngiyabala	Umahluko
			
			
			

Hlola. Qhathanisa. Lungisa.

Isisindo sikaVusi

UVusi uhlanganisa isisindo sakhe nezisindo ze-  kanye nezo-  .

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

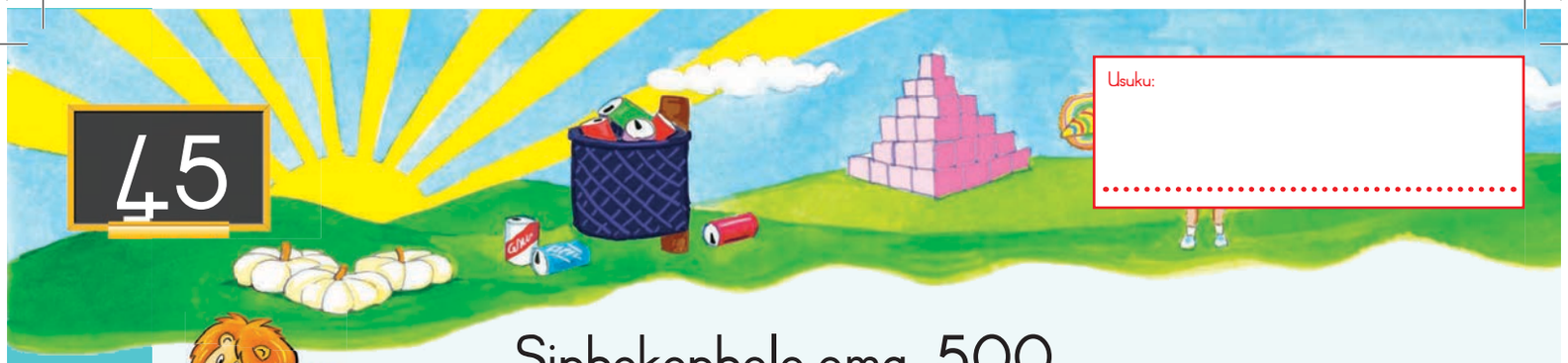
Singakanani isisindo sami?

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.

Teacher:
Sign:
Date:

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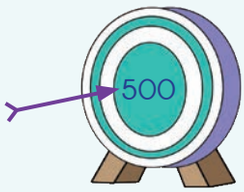
Usuku:

Ithemu 2

Siphokophele ema-500

Ukubala nokubhala





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

400

a. Bala uqhubeke 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.

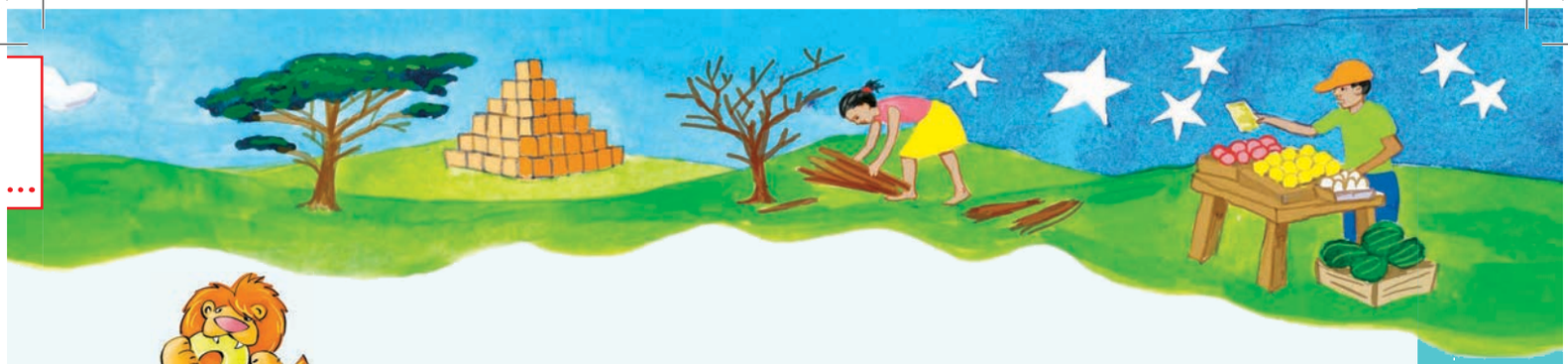
400; 402; _____; _____; _____; _____; _____; _____; _____; _____

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

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

1 2 3 4 5 6 7 8 9 10

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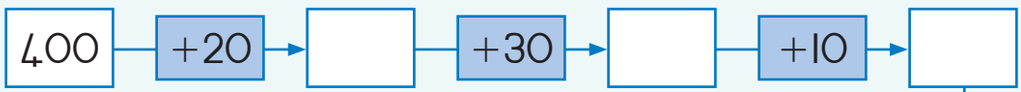




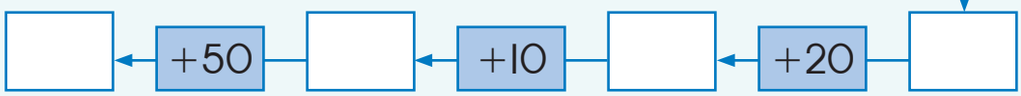
Gcwalisa ngezinombolo ezidingekayo.

a. Hlanganisa uqhubeke usukela ema-400.

Qala

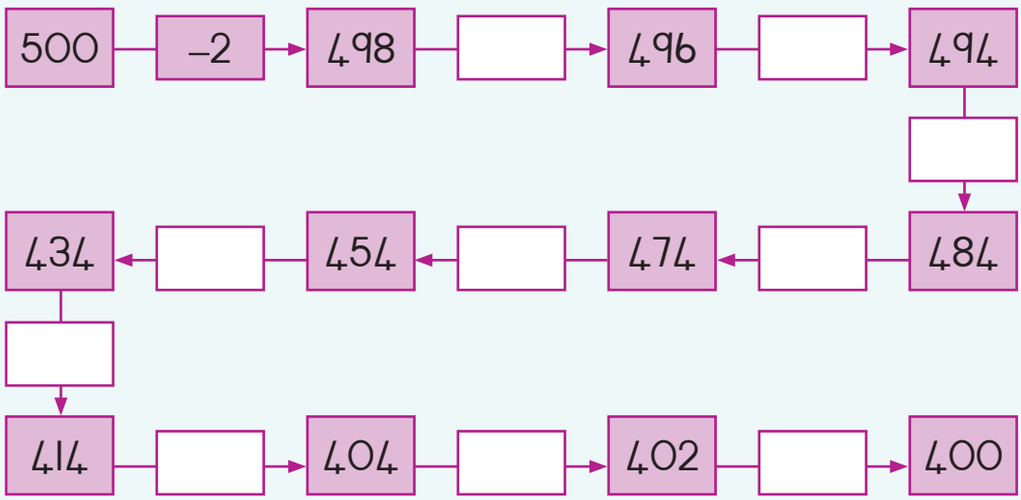


Qeda



b. Bala uhlehle usukele ema-500.

Qala



Qeda



Ukukhombisa izinombolo. Landela isibonelo.

Thola isamba. Sebenzisa amakhadi ezinombolo ukukhombisa lesi samba ngasinye.

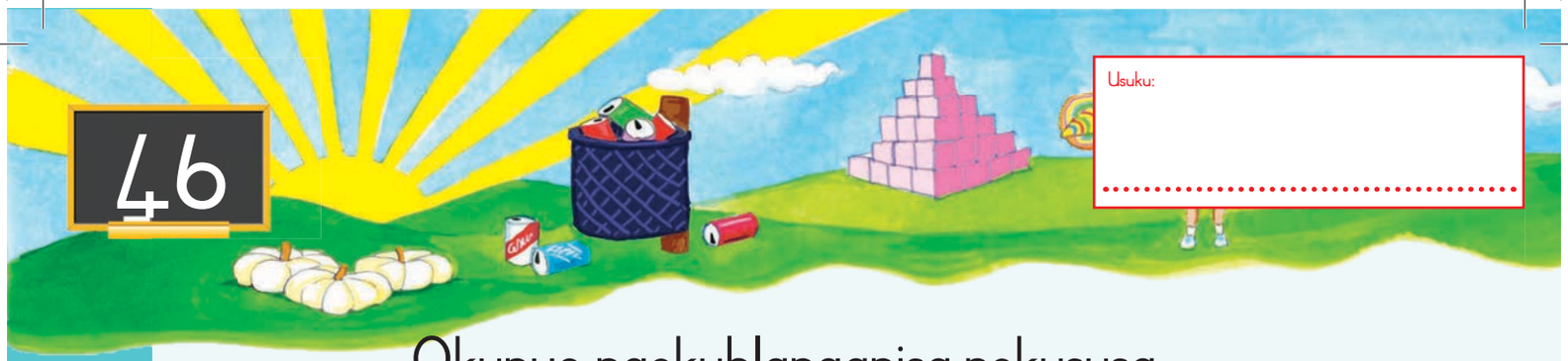
405 + 10	415	400 + 10 + 5
446 + 10		
455 + 10		

398 + 10		
424 + 10		
460 + 20		



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46

Usuku:

Ithemu 2

Okunye ngokuhlanganisa nokususa

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



Uzosebenzisa indlela kaBusi nekaDumi ukuhlanganisa okulandelayo.

a. 245 + 231



Indlela kaBusi

= 200 + 200 + 40 + 30 + 1

= 400 + 70 + 1

= 471



Indlela kaDumi

245 + 231

= 400 + 70 + 6

= 471

b. 278 + 136

c. 265 + 148

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Sizosebenzisa indlela kaBusi nekaDumi ukususa kulesi sibalo.

a. 476 – 324



Indlela kaBusi

= 400 – 300 + 70 – 20 + 6 – 4

= 100 + 50 + 2

= 152



Indlela kaDumi

476 + 324

= 100 + 50 + 2

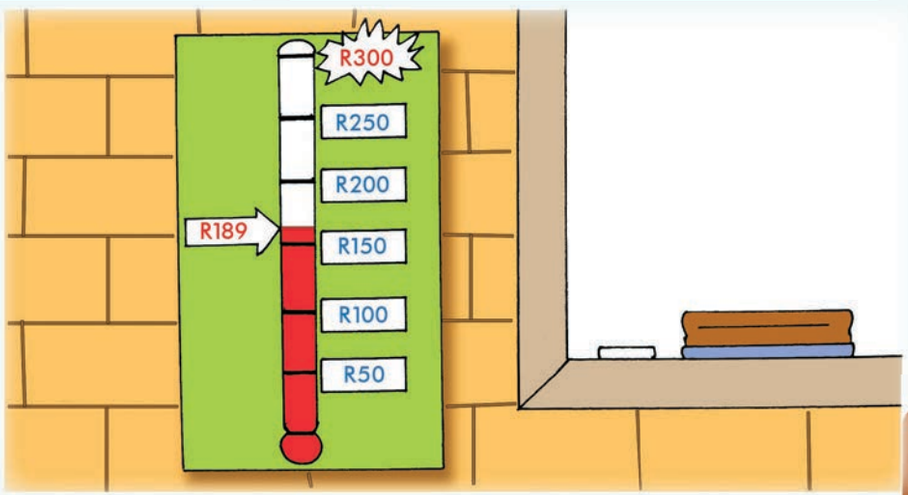
= 152

b. 489 – 456

c. 482 – 161



Ukufinyelela lapho siphokophele khona



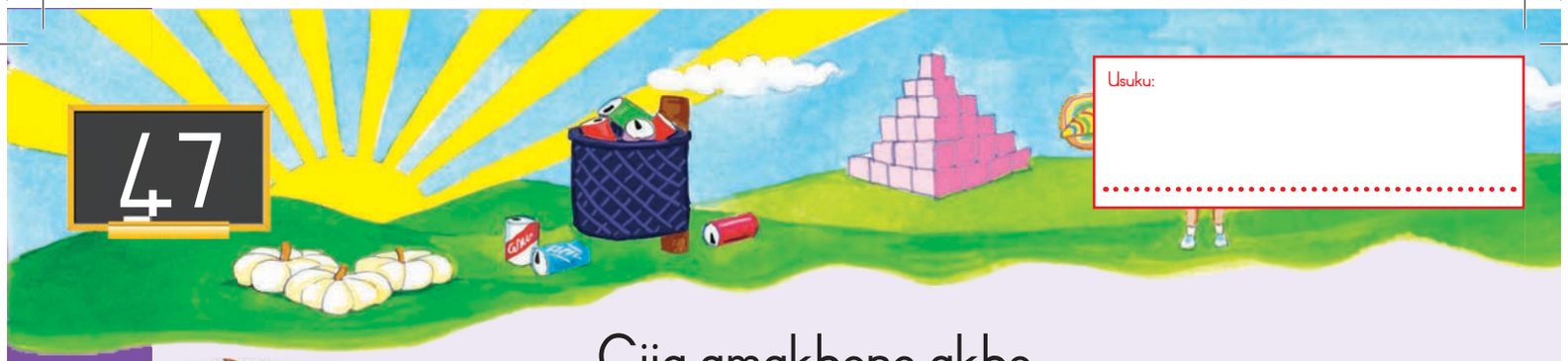
Cubungula lesi sithombe.

Kudingeka okungakanani ukufinyelela lapho kuphokophelwe khona.

R

Teacher:
Sign:
Date:

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47

Usuku:

Ithemu 2

Cija amakhono akho



Intaba yemfihlo

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

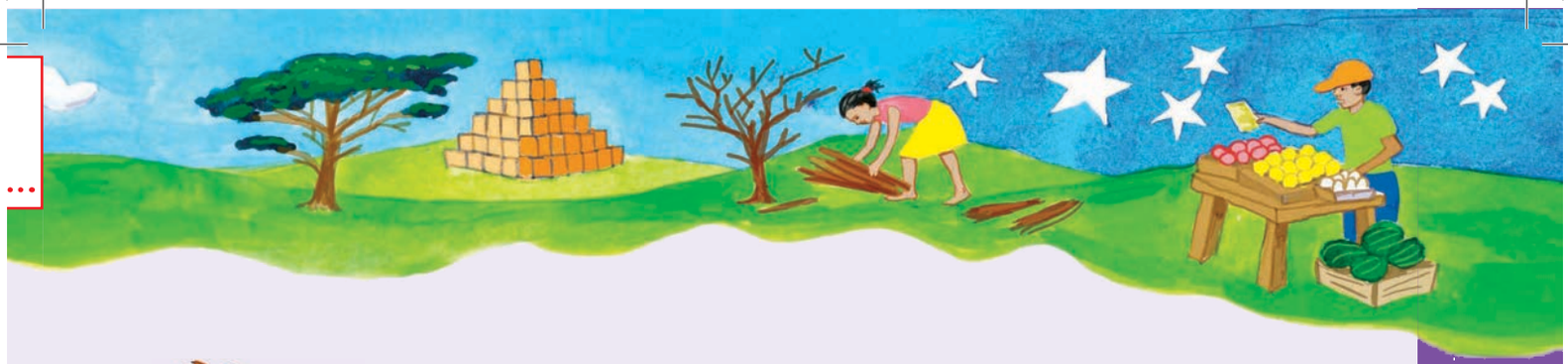
A	B	C	D	E	F	G	H	I	J	K	L	M
1	2	3	4	5	6	7	8	9	10	11	12	13
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
14	15	16	17	18	19	20	21	22	23	24	25	26

Ukucebisana ngezinombolo	Impendulo	Uhlamvu
Isibonelo: $2 \times 3 \times 3 \times 1 =$ ☐	18	R
$50 + 50 + 50 + 100 - 200 - 45 =$ ☐		
$1 + 2 + 7 + 10 + 7 + 1 - 14 =$ ☐		
$60 - 30 + 50 + 20 - 50 - 15 - 20 =$ ☐		
$3 + 2 + 7 + 1 + 2 + 1 + 3 =$ ☐		
$5 + 3 + 30 = 4 + 2 + 12 +$ ☐		
$100 - 5 - 70 = 20 +$ ☐		
$36 + 44 - 60 - 22 =$ ☐		
$10 + 15 = 14 +$ ☐		
$2 + 1 + 14 + 9 + 14 = 25 +$ ☐		
$1 \times 2 \times 2 \times 2 \times 2 =$ ☐		

Igama lentaba yi-:

1 2 3 4 5 6 7 8 9 10

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Bheka, cabanga uphendule!

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

a.

Inombolo 16 yakha siphi isimo? Faka uphawu (✓) empendulweni efanele. ✷ ● ☾

Inombolo 18 yakha siphi isimo? Faka uphawu (✓) empendulweni efanele. ✷ ● ☾

Inombolo 23 yakha siphi isimo? Faka uphawu (✓) empendulweni efanele. ✷ ● ☾

b.

Inombolo 50 izoba ✷. yiQiniso noma yiPhutha?

Inombolo 100 izoba ●. yiQiniso noma yiPhutha?

Inombolo 28 izoba ☾. yiQiniso noma yiPhutha?



Hlola. Qhathanisa. Lungisa.



Yikuphi okungaphezulu kokunye?

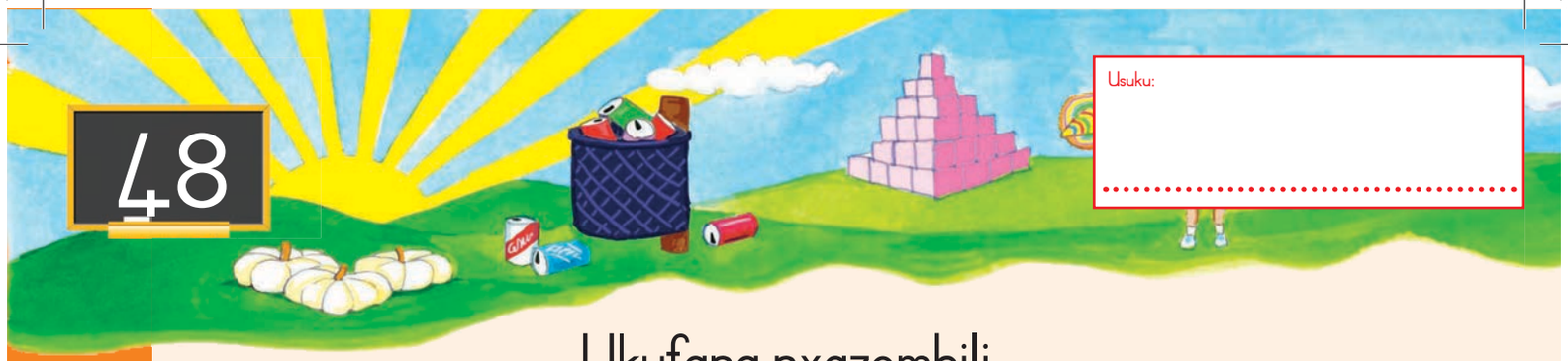
U-R2,50 ngosuku wemali yokuzijabulisa ngoJuni nangoJulayi kumbe u-R150 ngosuku lokuqala ku-Agasti?

Khombisa ukuthi ufinyelele kanjani empendulweni.



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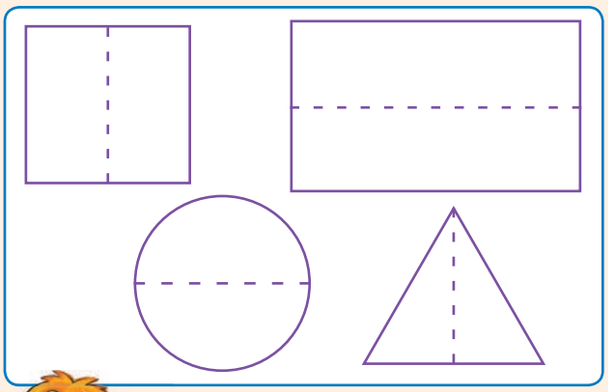


Usuku:

Ithemu 2

Ukufana nxazombili

Yini eqapheleka ngalezi zimo?





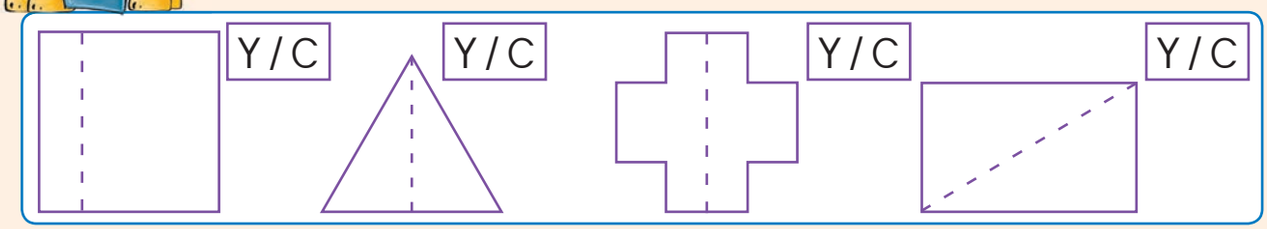


Dweba umugqa ohlukanisa phakathi isimo ngasinye.



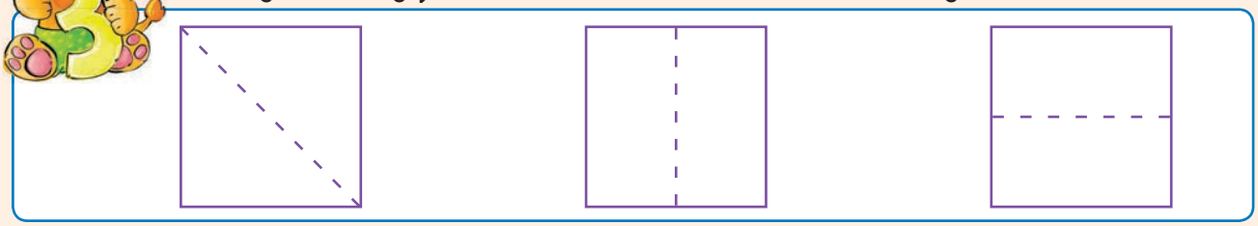


Ngabe lo mugqa wamachashazi uyikho yini lokhu okuchazwe ngenhla.
Kokelezela (Y) Yebo noma (C) Cha.





Kungabe lo mugqa wakha ohhafu abafana ncimishi? Usho ngani?



1 2 3 4 5 6 7 8 9 10

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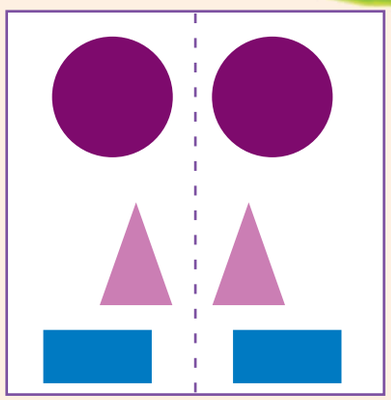




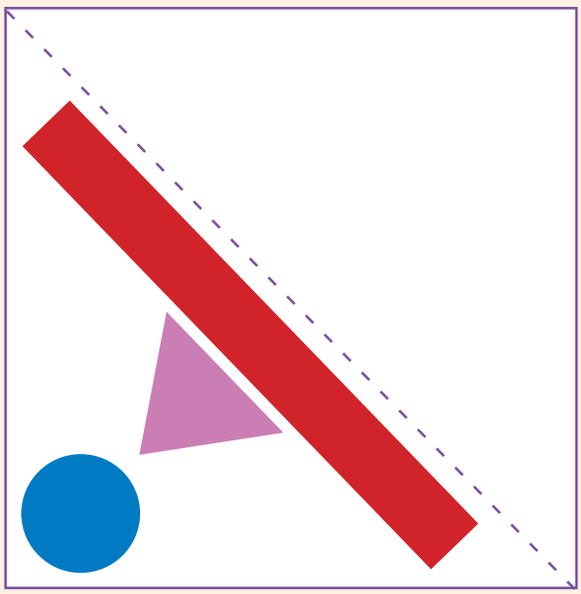
Dweba izimo wenze isithombe sibe nohhafu abafana ncimishi.

Sikwenzele okokuqala.

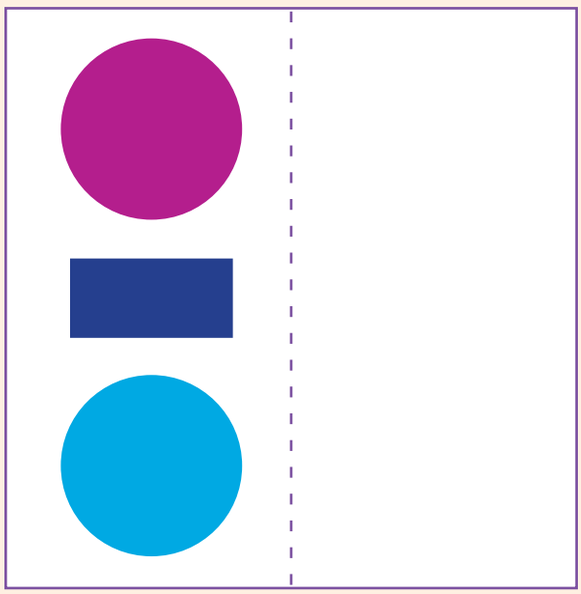
a.



b.



c.



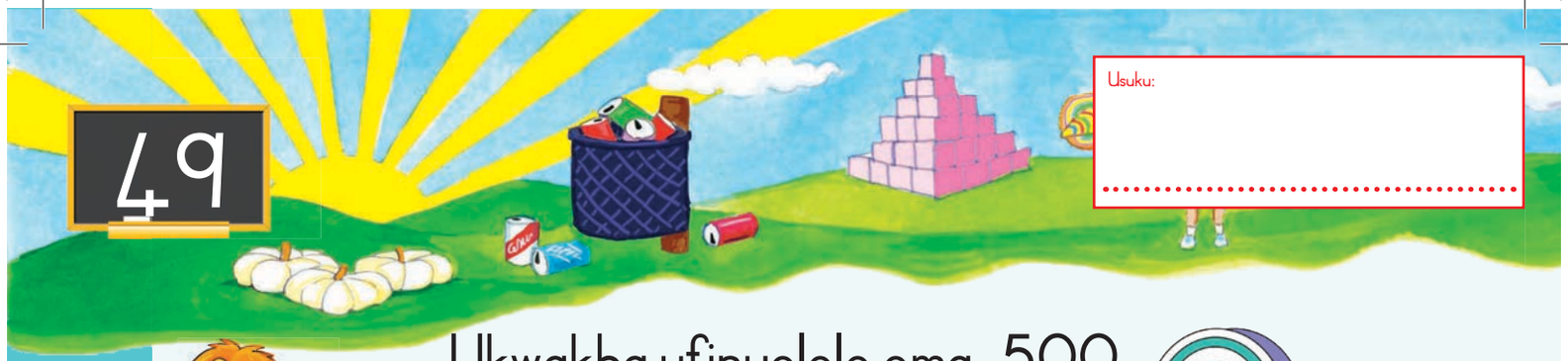


Yenza ukhaphethi wakho usebenzisa lezi zimo.



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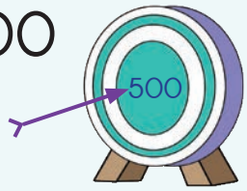
49

Usuku:

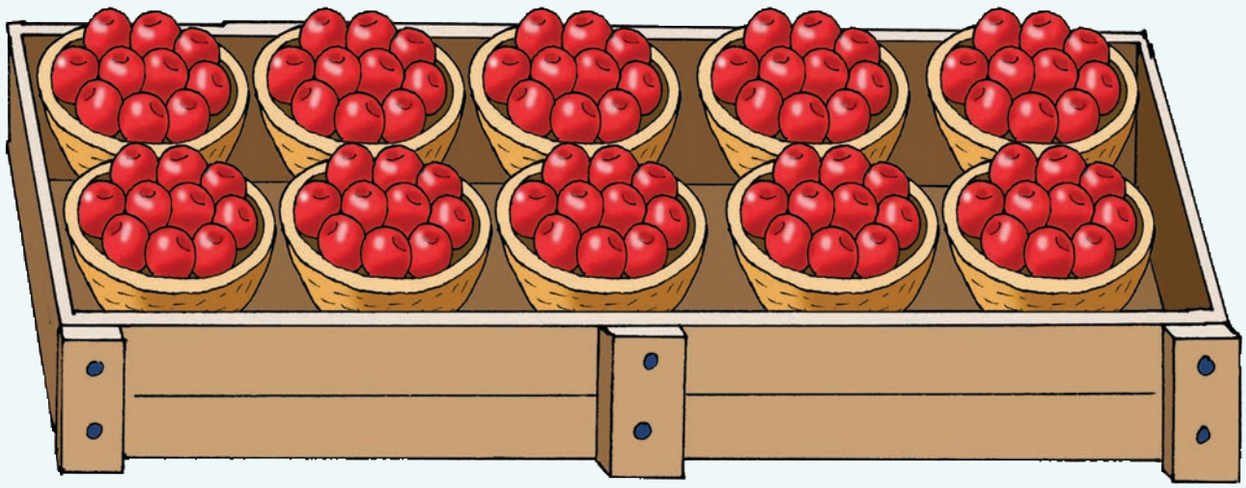
.....



Ukwakha ufinyelele ema-500



Ukubala ama-aphula



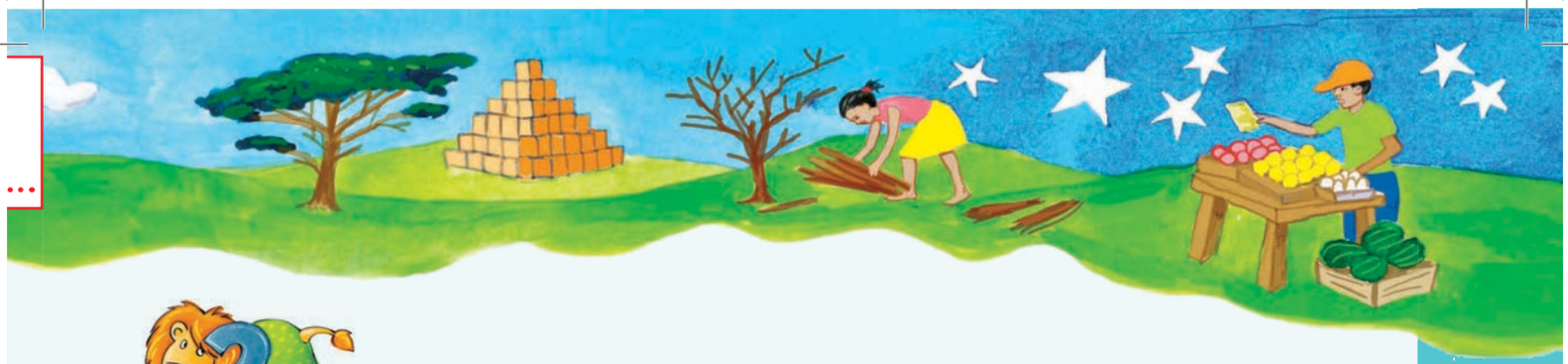
Qedela bese uphindaphinda

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-_____.



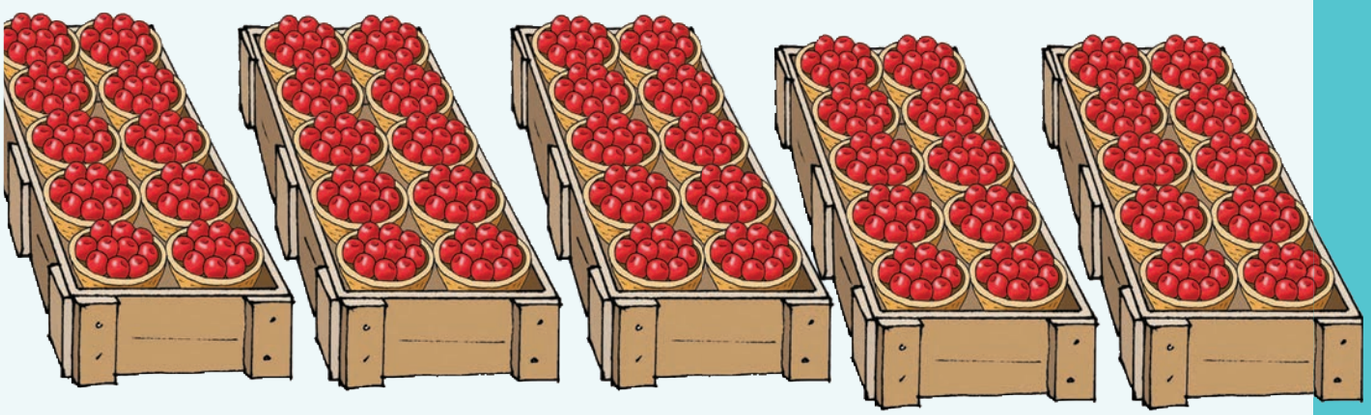
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Kunama-aphula ayi-10 kubhasikidi owodwa.

Kunawobhasikidi aba- _____ ebhokisini elilodwa.
Kunama-aphula a- _____ ebhokisini elilodwa.
Mangaki ama-aphula esewonke? _____





Ukubala, ukukhombisa nokubhala

300

40

5

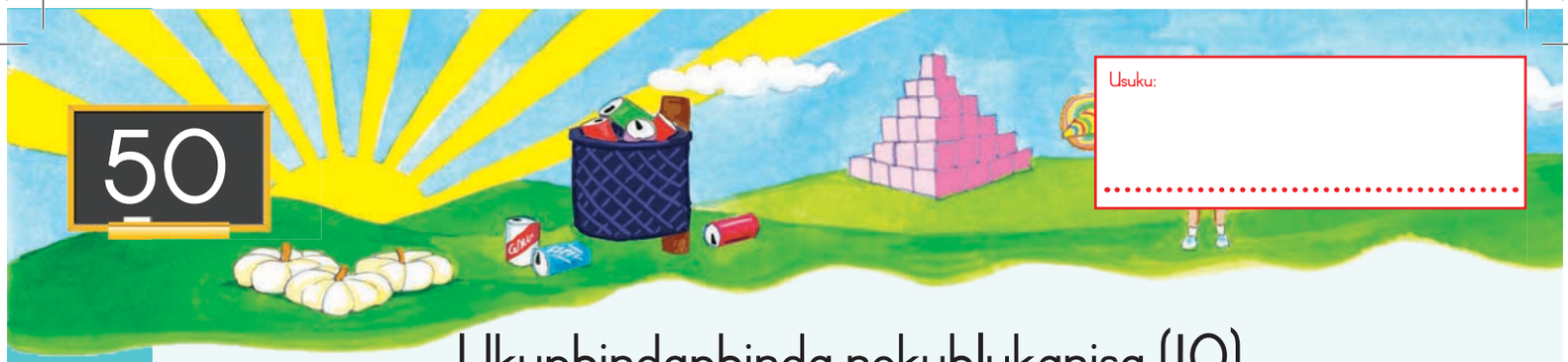
Qala usebenzise amakhadi ezinombolo ukukhombisa isamba ngasinye. Bhala inombolo.

3 amabhokisi		+ 4 obhasikidi		+ 5 ama-aphula		= 345 ama-aphula
4 amabhokisi		+ 5 obhasikidi		+ 7 ama-aphula		= _____ ama-aphula
5 amabhokisi		+ 2 obhasikidi		+ 3 ama-aphula		= _____ ama-aphula
4 amabhokisi		+ 7 obhasikidi		+ 2 ama-aphula		= _____ ama-aphula

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Date:

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50

Usuku:

Ithemu 2

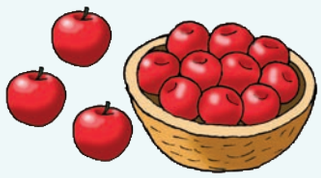
Ukuphindaphinda nokuhlukanisa (10)



Ukubala ama-aphula

Gcwalisa ithebhula.

Bangaki obhasikidi abaphethe ama-aphula?

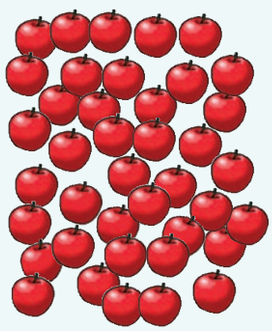


Ama-aphula	10	20	30	40	50
Obhasikidi	1	2			
Isibalo soku- ÷					50 ÷ 10 = 5
Isibalo soku- ×					5 × 10 = 50



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









Hlola izimpendulo zakho.

□ ÷ □ = □

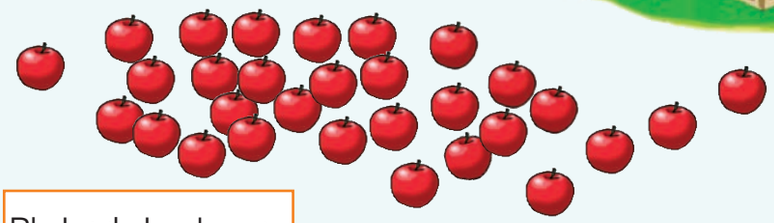
□ × □ = □



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b.





Bhala isibalo soku- ÷

Bhala isibalo soku-×

Hlola izimpendulo zakho.







Isibonelo

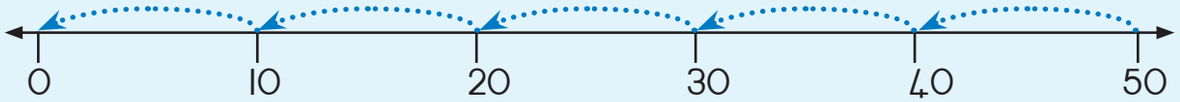
Sebenzisa izinombolo zemisho yakho yezinombolo.



÷	40 ÷ 10 = 4

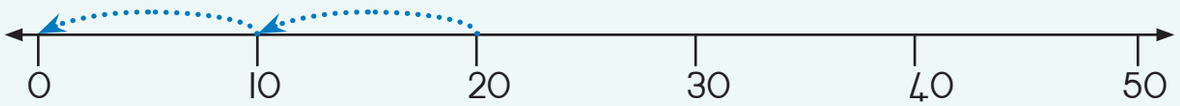
×	4 × 10 = 40

a.



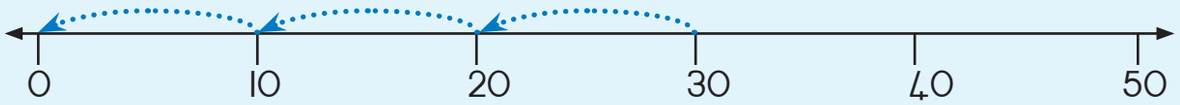
÷		×	

b.



÷		×	

c.



÷		×	



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

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

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Date:

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Usuku:

Ithemu 2

Bala ngaku-2



Ukubala ngaku-2 uye phambili ubuye uhlehle.

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

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

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

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



Ipheya lamaglavu



a. Mangaki amapheya amaglavu emgqeni owodwa? _____

b. Mangaki amaglavu ahamba ngalinye emgqeni owodwa? _____

c. Mingaki imigqa? _____

d. Mangaki amaglavu esewonke? _____

e. Khombisa ukuthi ukwenze kanjani lokhu.

f. Bhala impendulo ibe yimisho yezinombolo.

_____ × _____ = _____

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Mangaki amaglavu?

Bhala lokhu ethebhuleni.

a.

Ipheya lamaglavu	1	10	5	50	4	40	3	30	100
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, 377 , 379	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

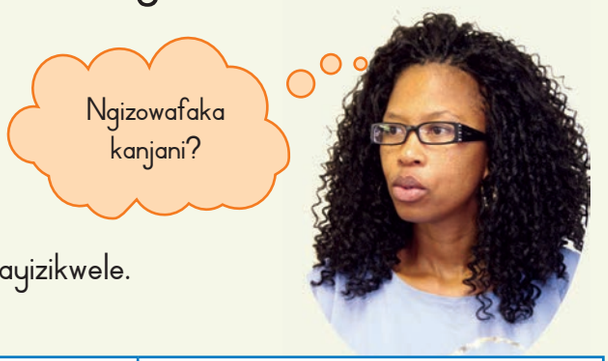
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Usuku:

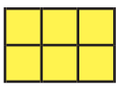
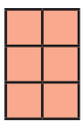
Faka amathayela



Ukulungisa isivande

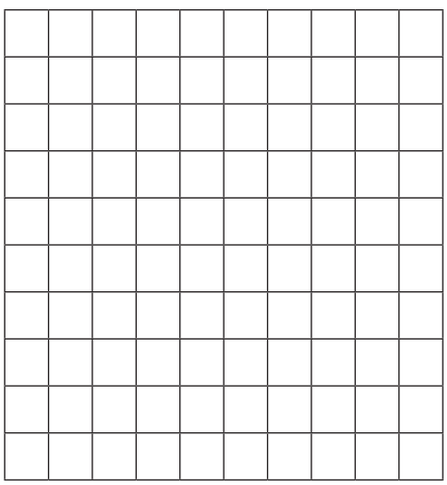
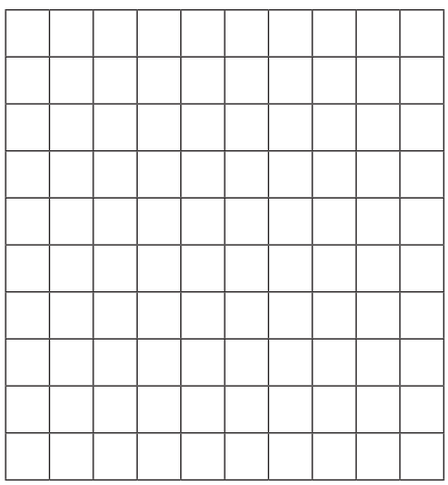


UNkk Mabhena unamathayela amahle. Uwafake endaweni ethile esivandeni sakhe.
Unamathayela ayi-6 alinganayo ngobungako kanti ayizikwele.

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

Izikwele ezi-8	Izikwele ezi-9
	

Bhala imisho yezinombolo ngomdwebo ngamunye.

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Hlela amathayela ayi-12

UThabo une-12 lamathayela ayizikwele azokwemboza ngawo indawo azobeka ibhayisikili lakhe kuyo.
Msize ngezindlela angazisebenzisa ukwenza lokhu.
Bhala umusho wezinombolo ngendlela 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 nomdwebo.



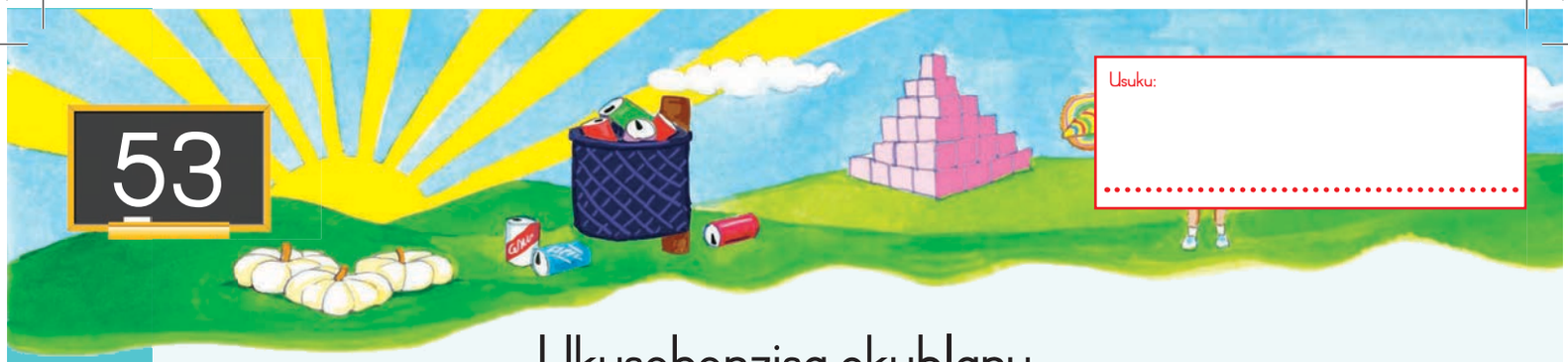
Ngiyakwazi ukuphindaphinda!

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

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Sign:
Date:

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Usuku:

Ithemu 2

Ukusebenzisa okuhlanu



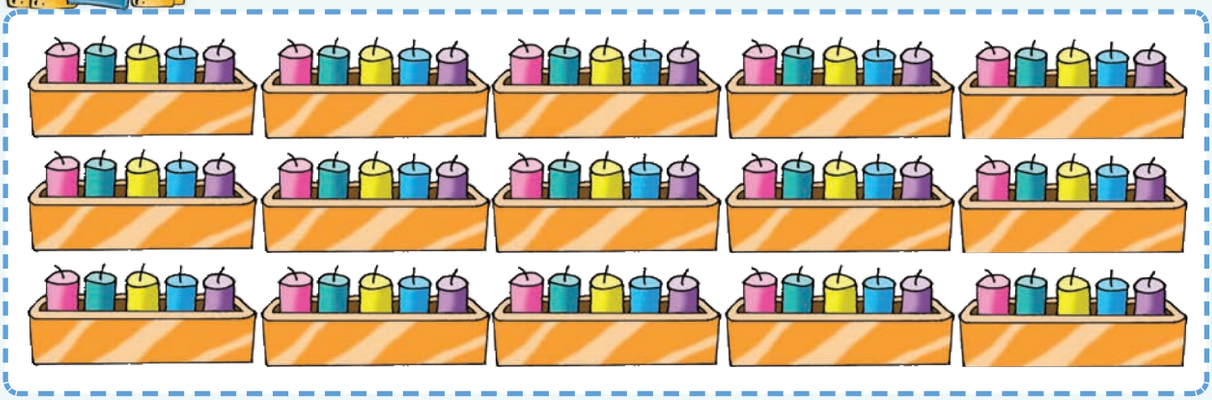
Ukwazi oku-5

Gcwalisa izimpendulo.

	1	2	3	4	5	6	7	8	9	10
× 5	5									



Ukubala amakhandlela



a. Mangaki amakhandlela ebhokisini ? _____

b. Mangaki amabhokisi emgqeni ngamunye? _____

c. Mangaki amakhandlela ebhokisini ngalinye? _____

d. Mangaki amakhandlela esephelele? _____



Ukukhombisa impendulo

Faka uphawu (✓) emishweni yezinombolo ekhombisa inani lamakhandlela.

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

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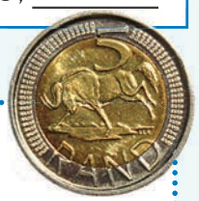


4 Ukubala ngaku-5 uye phambili ubuye uhlehle.

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

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

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



5 Ukuqoqa izinhlamvu zemali zama-R5

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

R5 ÷ R5 = uhlamvu olu-1	R10 ÷ R5 = izinhlamvu ezi-2	R15?___	R20? ___	R25? ___
R30? ____	R35? ____	R40? ___	R45? ____	R50? ___

2 × R5 = R

4 × R5 = R

3× R5 = R

6 × R5 = R



6 Ukuphindaphinda ngoku-5

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

Cabanga ngokuhlakanipha! Sebenza ngamaqiniso owaziyo!

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

Teacher:
Sign:
Date:

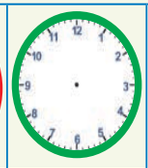
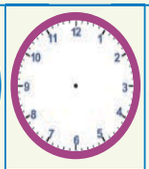
11 12 13 14 15 16 17 18 19 20

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Usuku:

Ukusebenza ngesikhathi

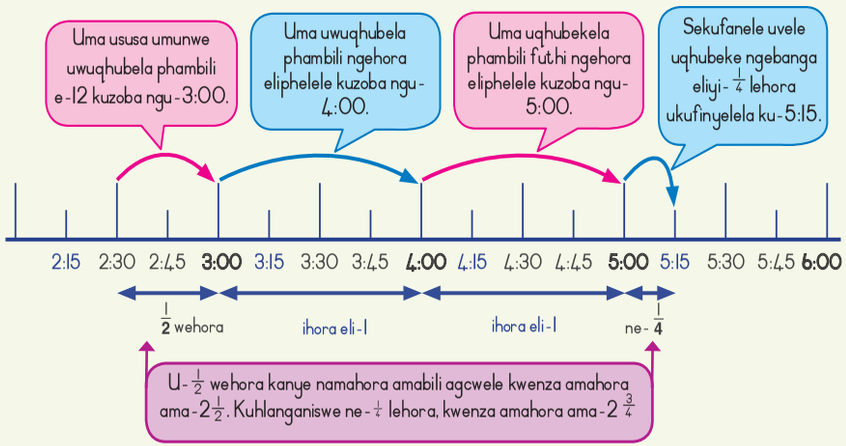
Ukudweba izikhathi

					
Ligamenxe elesi-5	Iyishumi nanhlanu ngaphambi kwele-11	Iyishumi nanhlanu emva kwele-12	12:45	6:15	4:30

Izinkinga zesikhathi

Umama kaNomsa usuka ekhaya ngo-2:30 p.m.
Ubuya ngo-5:15 p.m. Ubengekho isikhathi esingakanani?

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



Izinkinga zesikhathi

Hlola. Qhathanisa. Lungisa.

Xazulula le nkinga. Sebenzisa amabanga esikhathi ukuze usizakale.

a. UQondi uvakashele uyise emtholampilo ngo-15:45.
Uyasuka uyabuya ngo-17:15.
Sibe ngakanani isikhathi evakashile?



b. UMusa uya epaki 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?



Teacher:
Sign:
Date:

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Usuku:

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55

Usuku: .....

Bala ngaku-3 nangaku-4



Amabhodwe emilenze emi-3

Hlanganisa bese ubhala izimpendulo.



a. Mangaki amabhodwe emgqeni? _____

b. Mingaki imilenze emgqeni? _____

c. Mingaki imigqa yamabhodwe? _____

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

Beka uphawu (✓) usho ukuthi yimiphi imisho yezinombolo ekhombisa isamba kule engezansi.

21 × 7 = ☐ 3 × 7 × 3 = ☐ 3 × 4 × 2 = ☐ 21 × 3 = ☐



Mingaki imilenze?

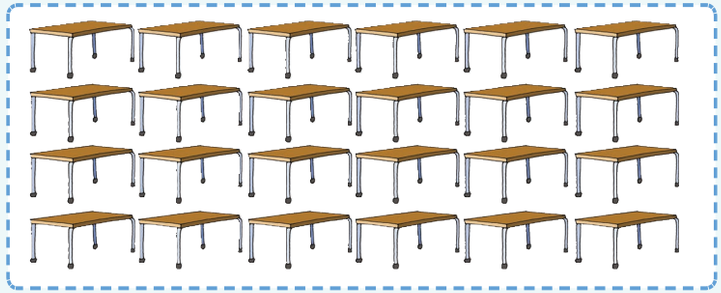
Cabanga usheshe.
Cabanga ngokuhlakanipha.

1 ibhodwe	3	imilenze	10 amabhodwe	☐	imilenze
2 amabhodwe	☐	imilenze	15 amabhodwe	☐	imilenze
5 amabhodwe	☐	imilenze	13 amabhodwe	☐	imilenze

5 amabhodwe	☐	imilenze
12 amabhodwe	☐	imilenze
14 amabhodwe	☐	imilenze



Imilenze yetafula



a. Mangaki amatafula emgqeni? _____

b. Mingaki imilenze emgqeni? _____

c. Mingaki imilenze yamatafula? _____

d. Mingaki imilenze seyiyonke? 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 ukwengeza ngetafula elilodwa? ☐



Qedela igridi ngokugcwalisa izimpendulo.

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

Teacher:
Sign:
Date:

Usuku:

Bala ngaku-50



Ingubo yokulala eyodwa yengane ngayinye!

Bangaki abantwana? Linganisela bese ubala.





Ingubo yethemba.
Zama ukugcina izingane zethu zifudumele
O 123 – 098



Bonke abantwana abasesithombeni bathole ingubo yokulala umntwana ngamunye. Bangaki abantwana abakhona? ____		
Linganisela	Bala	Qhathanisa
Bangaki ☺ abafana? ____ Mangaki ☺ amantombazane? ____		



Bazokhokhani?

UGwazi  **uthenga ezi-2**  .

Ukhokha R

UNkk Chwane  uthenga ezi-5  .

Ukhokha R

Esitolo sakwaThembi 

uthenga esingama-20  .

Bakhokha R



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



Kuzothatha isikhathi esingakanani? Sebenzisa ikhalenda.

Iklasi leBanga lesi-3 liqoqa imali yokuthenga izingubo ezi-4.
Liqoqa R5 ngosuku ezinsukwini ezi-5 zesonto.

Mangaki amasonto eliwadingayo ukuqoqa imali yezingubo zokulala?



Teacher:
Sign:
Date:

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

Usuku:

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ZUL NUM G3 B1 9781431500147.indb 125 2014/05/08 10:02 AM

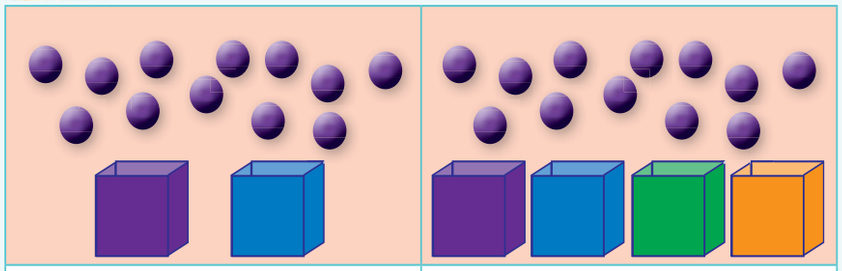
57

Usuku:



Amaqhezu: ohhafu namakota

Hlukanisa amabhola ngokulinganayo uwafake emabhokisini.

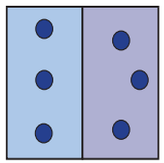


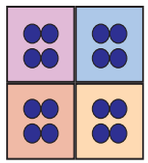
- Mangaki amabhola ebhokisini ngalinye? ☐
- Mangaki amabhola asebhokisini elibukhwebezane? ☐
- Qhezu lini elisebhokisini elibukhwebezane? ☐

- Mangaki amabhola ebhokisini ngalinye? ☐
- Mangaki amabhola ebhokisini elibukhwebezane? ☐
- Qhezu lini elisebhokisini elibukhwebezane? ☐



Buka izithombe bese uphendula imibuzo.





Ubona iziyingi ezingaki? ☐

Yini ewu-$\frac{1}{2}$ weziyingi? ☐

Ubale wathola iziyingi ezingaki? ☐

Yini eyi-$\frac{1}{4}$ leziyingi? ☐

Yini engama-$\frac{2}{4}$ eziyingi? ☐

Yini engama-$\frac{3}{4}$ eziyingi? ☐

Yini engama-$\frac{4}{4}$ eziyingi? ☐



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.



Buka amaqhezu

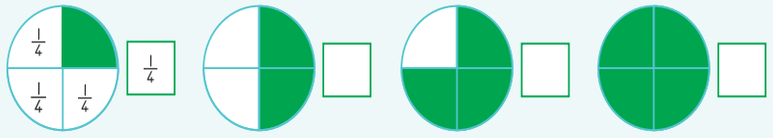
Okuphelele oku-1	
$\frac{1}{2}$	$\frac{1}{2}$
$\frac{1}{4}$ $\frac{1}{4}$	$\frac{1}{4}$ $\frac{1}{4}$

a. Bangaki ohhafu ($\frac{1}{2}$) abenza okuphelele? ☐

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

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

b. Buka umdwebo bese ubhala iqhezu lendawo enombala.



c. Yiliphi iqhezu elikhulu, u-$\frac{1}{2}$ noma i-$\frac{1}{4}$? ☐

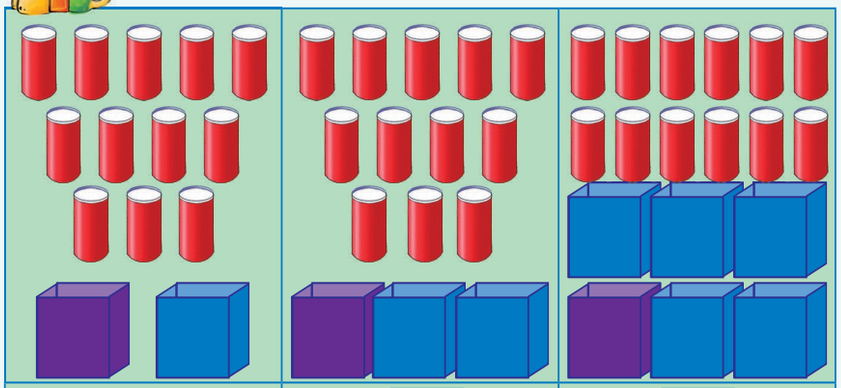
Teacher:
Sign:
Date:

Usuku:

Amaqhezu: ohhafu, okwesithathu, okwesithupha



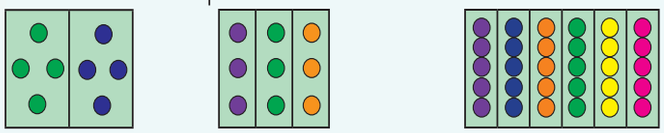
Hlukanisa amakani (amasilinda) ngokulinganayo uwafake emabhokisini.



Isamba samakani:	12		
• Mangaki amakani ebhokisini elibukhwebezane?	6		
• Liqhezu lini elisebhokisini elibukhwebezane?	$\frac{1}{2}$		



Buka izithombe bese uphendula imibuzo.



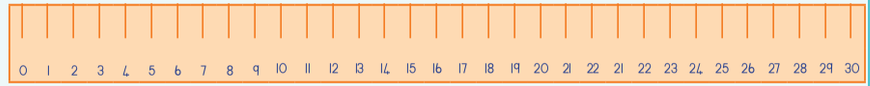
Zingaki iziyingi ozithola uma ubala? ☐ ☐ ☐

Yini oku-$\frac{1}{2}$ kweziyingi? ☐

Yini oku-$\frac{1}{3}$ kweziyingi? ☐
Yini oku-$\frac{2}{3}$ kweziyingi? ☐
Yini oku-$\frac{3}{3}$ kweziyingi? ☐

Yini oku-$\frac{1}{6}$ kweziyingi? ☐
Yini oku-$\frac{2}{6}$ kweziyingi? ☐
Yini oku-$\frac{3}{6}$ kweziyingi? ☐
Yini oku-$\frac{4}{6}$ kweziyingi? ☐
Yini oku-$\frac{5}{6}$ kweziyingi? ☐

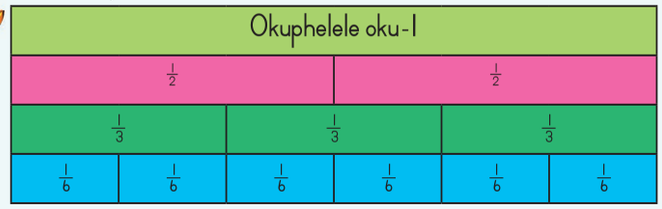




- Khombisa uhhafu wobude berula. Ulingana nama-____ cm
- Khombisa okukodwa kokuthathu ebudeni berula. Kulingana nama-____ cm
- Khombisa okukodwa kokuyisithupha ebudeni berula. Kulingana nama-____ cm



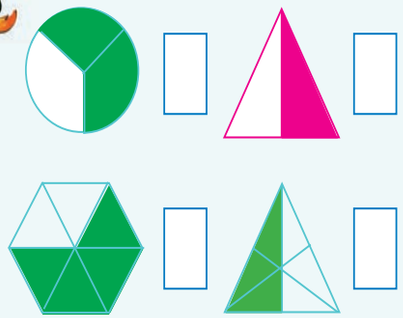
Buka la maqhezu. Qedela imisho.



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



Bhala iqhezu lendawo enombala.



Kokelezela iqhezu elikhulu kunelinye.

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

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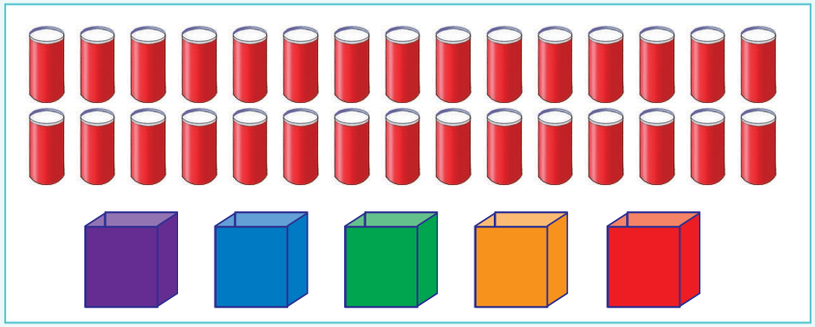
59

Usuku: .....

Amaqhezu: okwesihlanu



Hlukanisa amakani uwafake emabhokisini ama-5.



- Oku- $\frac{1}{5}$ kwamabhokisi ngamakani a- 6
- Oku- $\frac{2}{5}$ kwamabhokisi ngamakani a- ☐
- Oku- $\frac{3}{5}$ kwamabhokisi ngamakani a- ☐
- Oku- $\frac{4}{5}$ kwamabhokisi ngamakani a- ☐
- Oku- $\frac{5}{5}$ kwamabhokisi ngamakani a- ☐



Buka isithombe bese uphendula imibuzo.

Bangaki oshokoledi ebhokisini? ☐

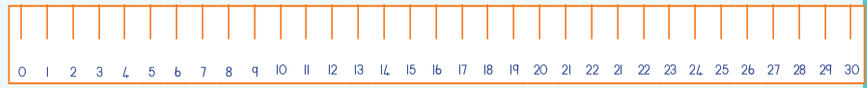
- Okukodwa kokuhlanu- ngoshokoledi aba- ☐
- Okubili kokuhlanu- ngoshokoledi aba- ☐
- Okuthathu kokuhlanu- ngoshokoledi aba- ☐
- Okune kokuhlanu- ngoshokoledi aba- ☐
- Okuhlanu kokuhlanu- ngoshokoledi aba- ☐





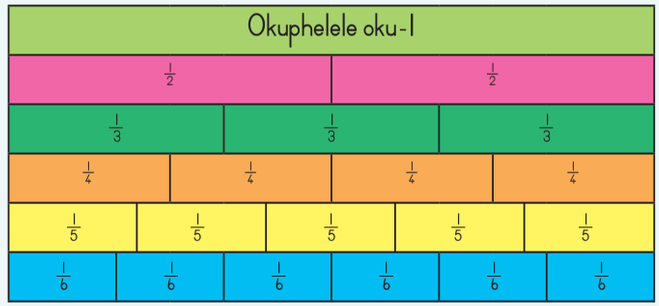
Faka umbala koku- $\frac{1}{5}$ kwesilinganiso serula.

a.





Buka amaqhezu bese uphendula imibuzo.



Kokelezela okukhulu noma okuncane.

a. U- $\frac{1}{2}$ mkhulu/mncane kune- $\frac{1}{4}$.

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- $\frac{2}{5}$.

Teacher:
Sign:
Date:

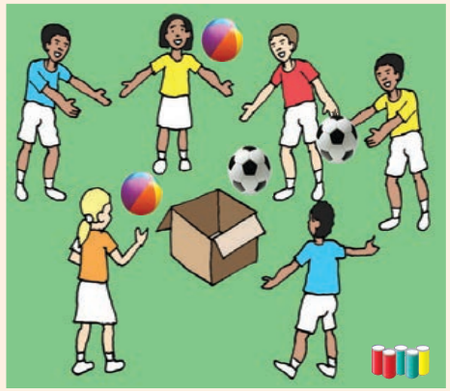
Usuku:

Onhlangothi-ntathu

Bala amabhokisi (amabhokisi). ☐

Bala amabhola (izindilinga). ☐

Bala amasilinda. ☐



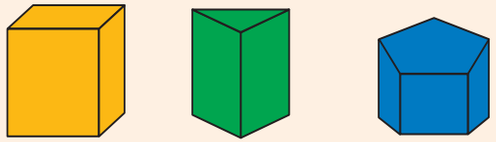
Wonke lana ngamabhokisi

Sebenzisa Okusikwayo kwesi-3 nokwesi-4 ukuwenza.



Indawo eyisicaba ivame ukubizwa ngobuso. Namathisela noma udwebe ubuso ebusweni ngabunye obutholakele.

Bungaki ubuso obunamathisele:



ikhiyubhu ☐ iphrizimu ☐ iphrizimu ☐

Ngabe ubuso bala mabhokisi buyisicaba noma bugobile? _____

Yakha isilinda ngoKusikwayo 4.

Ngabe ubuso besilinda buyisicaba noma bugobile? _____

Sebenzisa ezakho izinto ukwakha lokhu okulandelayo:

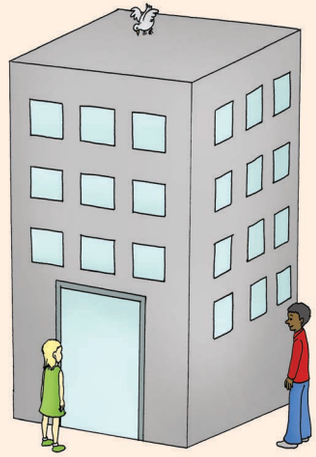
Chaza indawo lapho kumi khona isilinda usebenzisa amagama.

eceleni | ngaphambili | ngaphezulu



_____ _____ _____

Sebenzisa amagama angezansi ukuqedela imisho.



Intombazana isivelele _____ isakhiwo.

Indoda ivele _____ kwesakhiwo.

Inyoni ibuka isakhiwo isivelele _____.

eceleni | ngaphambili | ngaphezulu

Teacher:
Sign:
Date:

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Usuku:

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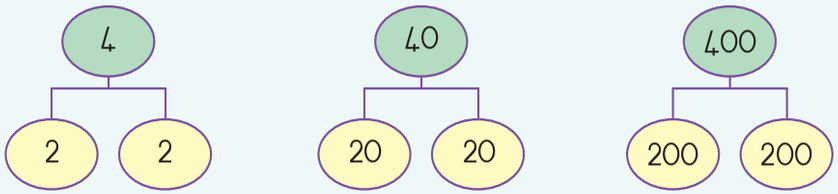
61

Usuku:

Ukuphinda kabili nawohhafu

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

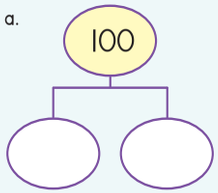
Khumbula! Singakukhombisa ngomdwebo lokhu ...



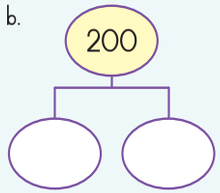


Masithole ohhafu

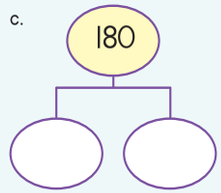
a.



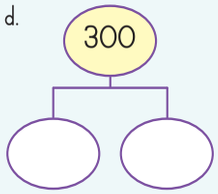
b.



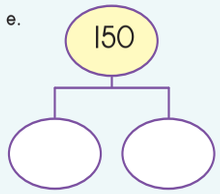
c.



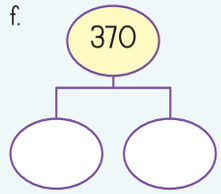
d.



e.



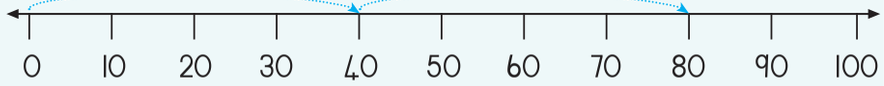
f.



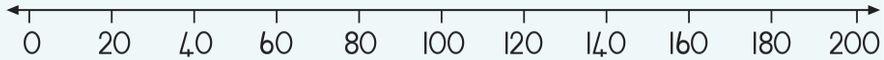


Phinda kabili inombolo usebenzise umugqa wezinombolo. Senziwe isibonelo kokokuqala.

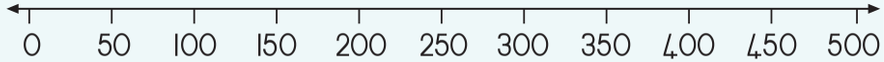
Isibonelo: Phinda kabili oku-40 40 + 40 = 80



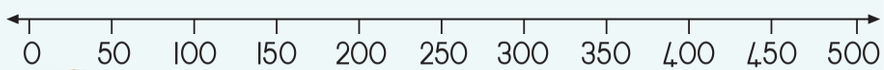
Phinda kabili ama-60 ☐ + ☐ = ☐



Phinda kabili i-150 ☐ + ☐ = ☐



Phinda kabili ama-200 ☐ + ☐ = ☐





Qedela lokhu okulandelayo

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



Qedela lokhu okulandelayo

a. Hhafula ama-220	110
b. Hhafula i-180	
c. Hhafula ama-260	
d. Hhafula oku-0	
e. Hhafula ama-320	

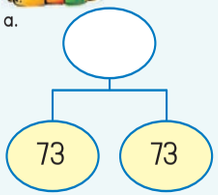
Teacher:
Sign:
Date:

Usuku: .....

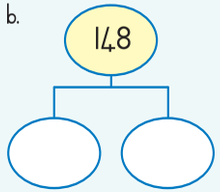
Okunye ukuphinda kabili nokwenza ohhafu

Ukuthola okuphindwe kabili noma ohhafu

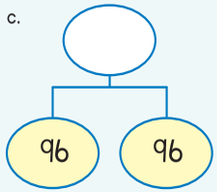
a.



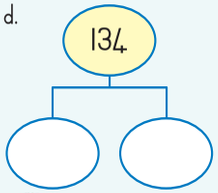
b.



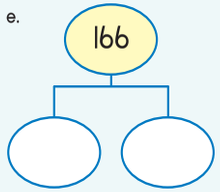
c.



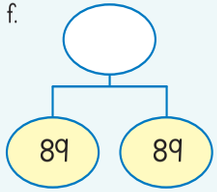
d.



e.



f.



Ukongela ibhayisikili

U-Aakar wonga ama-R25 ngesonto ukuze athenge ibhayisikili. Kumele athathe amasonto amangaki onga?

Impendulo: _____ amasonto

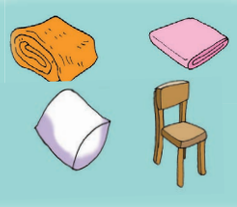
Indali

Zonke izinto zisendalini zithengisa ngamanani awohhafu
Bhala inani lentengo entweni ngayinye.

Indali R450
Inani elinguhhafu:
belingama-R900



a. Izingubo zokulala R190 Intengo _____	b. Amashidi R154 Intengo _____
c. Imicamelo R54 Intengo _____	d. Izihlalo R220 Intengo _____



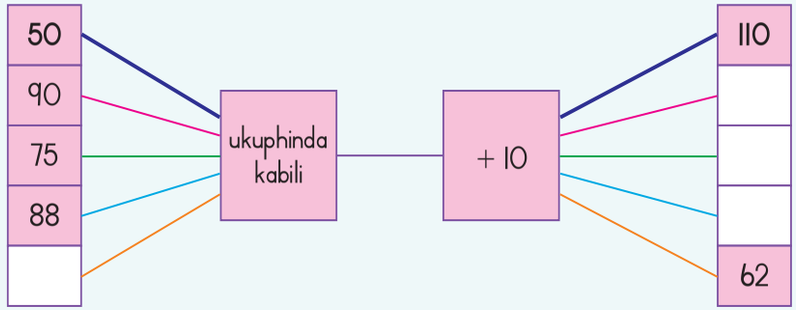
Mangaki amarandi?

 R135	UMusa ufuna ihembe. Unemali ewuhhafu wenani lalo. Malini adinga ukuyengeza? R_____
 R78,50	Izicathulo zika-Aakar zibiza ngokuphindwe kabili kulezi. Zibiza malini-ke izicathulo zika-Aakar? R_____
 R97	UPhindi ufuna ingubo yenani lalena eliphindwe kabili. Malini azoyikhokha uPhindi ngengubo? R_____

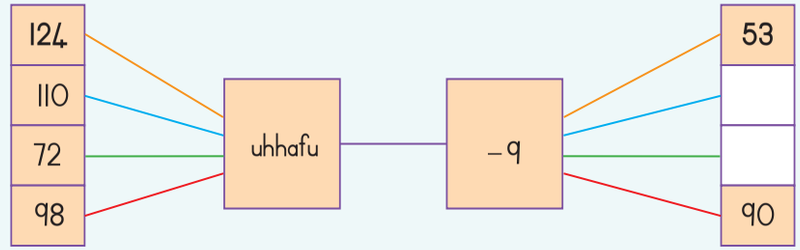
Yini engenayo? Yini ephumayo?

Landela isibonelo. Gcwalisa ngezinombolo ezingekho.

a.



b.



Teacher:
Sign:
Date:

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Usuku: .....

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Usuku:

Yenza amaqoqo uphinde uhlanganise

Ukwenza amaqembu abantwana besikole

UNkk Ndaba ufuna ukubahlukanisa babe ngamaqembu alinganayo ukuze badlale kahle. Uqala ngokubafaka emaqenjini ama-4.



a. Bala abantwana?

Hlola. Qhathanisa. Lungisa.

b. Bangamaqembu amangaki?

c. Khombisa zonke ezinye izindlela ezingasetshenziswa ukubenza amaqembu.

Zingaki izingubo zokugqoka?



UPhindi unamahembe ama-5 anemibala kanye nezikhindi ezi-5 ezinemibala.

Zingaki izingubo zokugqoka ezingafani angazakha esebenzisa inhlanganisela yale mibala?

Isibonelo: ihembe elisasibhakabhaka/izikhindi ezisasibhakabhaka kumbe ihembe elisasibhakabhaka/izikhindi eziwolintshi.

Bhala umbala ngamunye

Make ulinganise: Kungenzekani uma uPhindi enamahembe ayi-6 amibalabala kanye nezikhindi eziyisi-6?

Hlola. Qhathanisa. Lungisa.

Angenza izinto ezingaki zokugqoka?

Teacher:
Sign:
Date:

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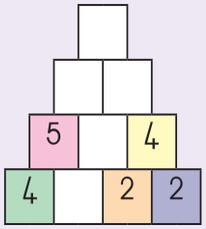
Masidlale ngezibalo

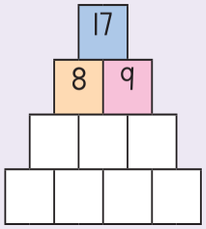


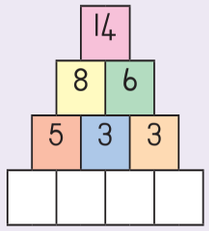
Thola umthetho

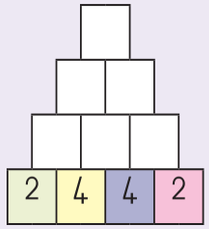
Sebenzisa umthetho ukuthola izinombolo ezicashile.

Yenza lokhu-ke manje.

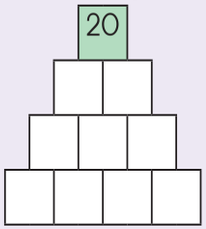


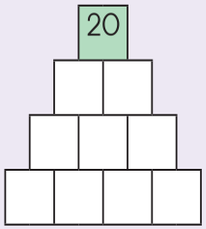


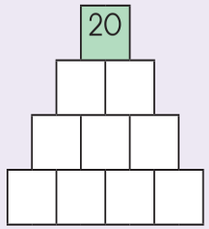




Yakha o-20 ngezindlela ezi-3 ezingafani.









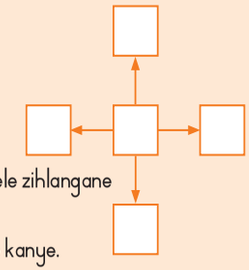
Inselelo



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

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

Umthetho: Inombolo ngayinye yisebenzise kanye.





Ukuthola izinombolo

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

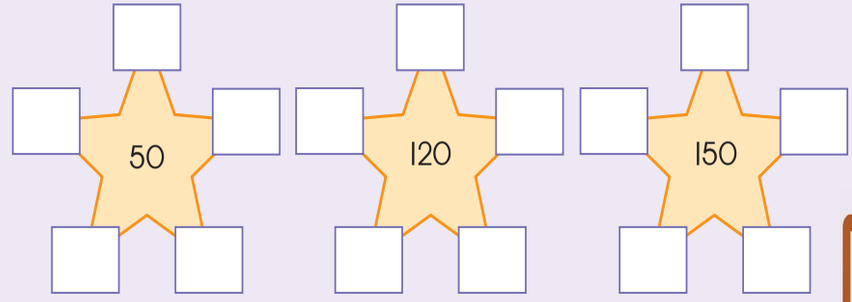
2	5	3	6
			2
		2	

b. Umthetho: Izinombolo ezi-3 ezivundla emigqeni kanye nezehla ngamakholamu, zihlangana zakhe isamba esifanayo.

2	7	6
9		1
	3	8

23	28	21
12		26
	10	

c. Umthetho: Bhala noma yiziphi izinombolo ezi-5 ezihlangana zenze inombolo ephakathi nendawo enkanyezini.





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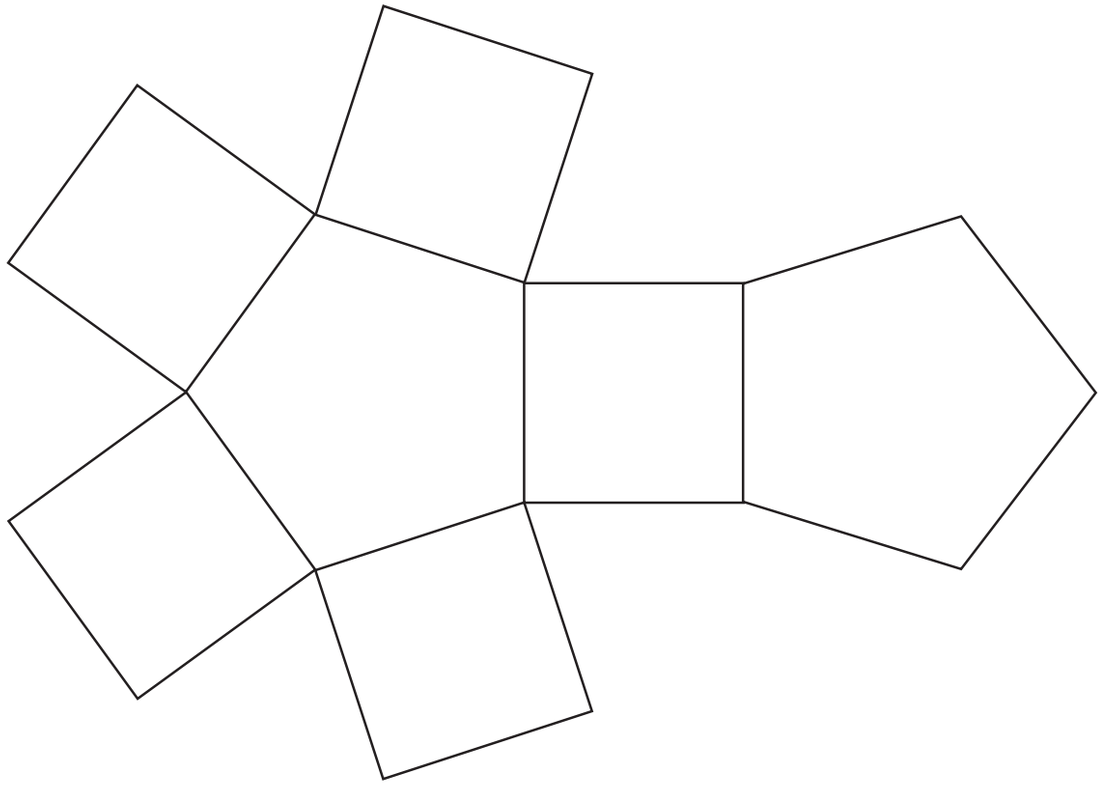
Okusikwayo koku-1

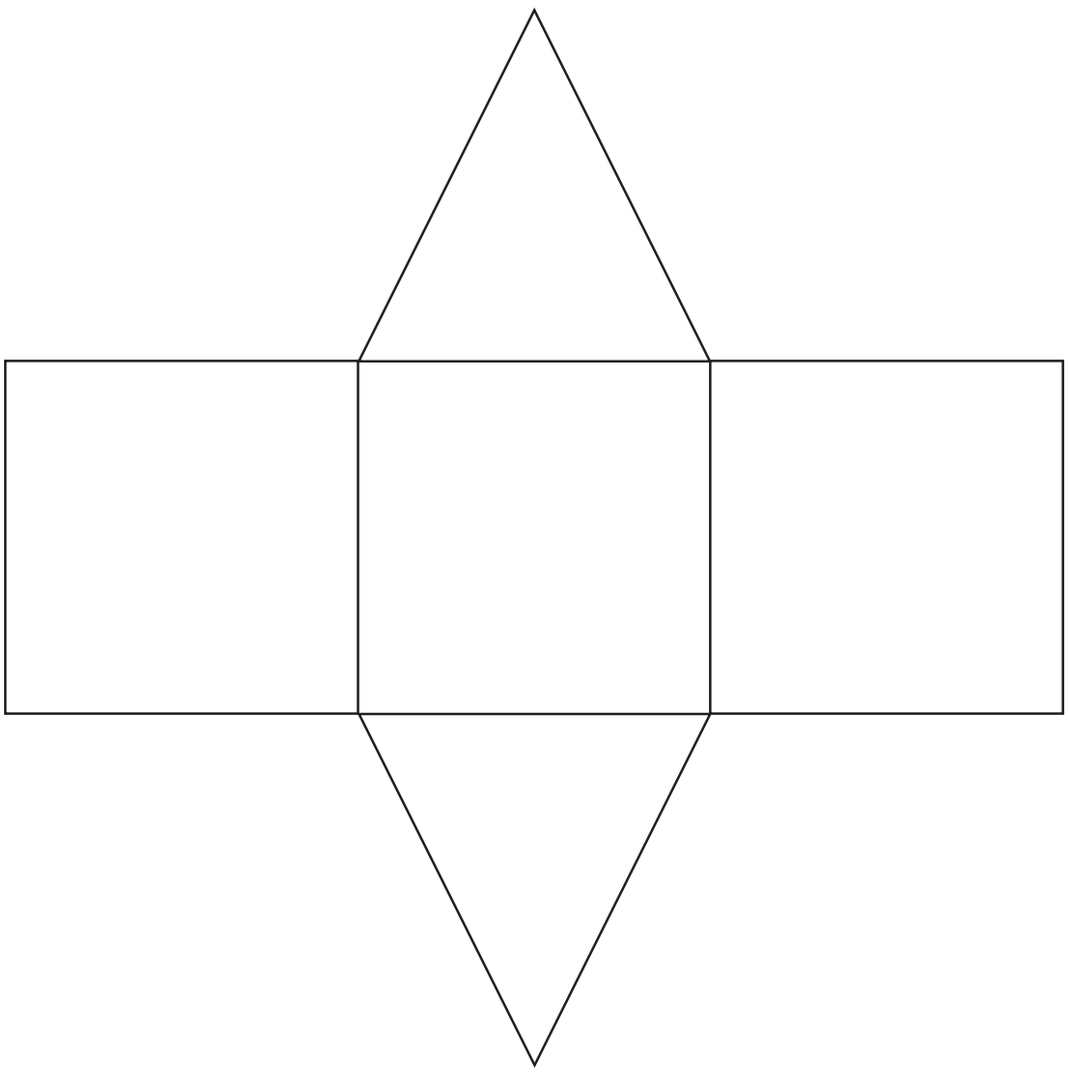
1	1	0	1	0	0
2	2	0	2	0	0
3	3	0	3	0	0
4	4	0	4	0	0
5	5	0	5	0	0
6	6	0	6	0	0
7	7	0	7	0	0
8	8	0	8	0	0
9	9	0	9	0	0

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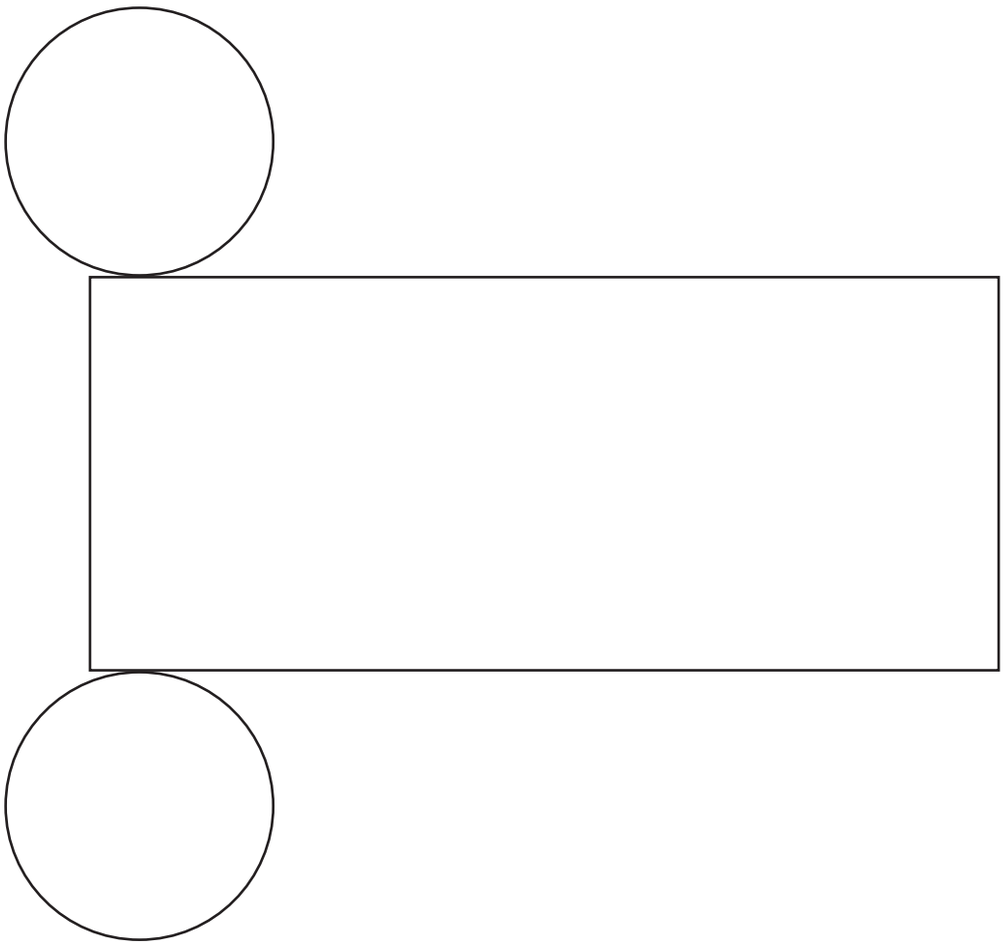
1	0	0	1	0	1
2	0	0	2	0	2
3	0	0	3	0	3
4	0	0	4	0	4
5	0	0	5	0	5
6	0	0	6	0	6
7	0	0	7	0	7
8	0	0	8	0	8
9	0	0	9	0	9

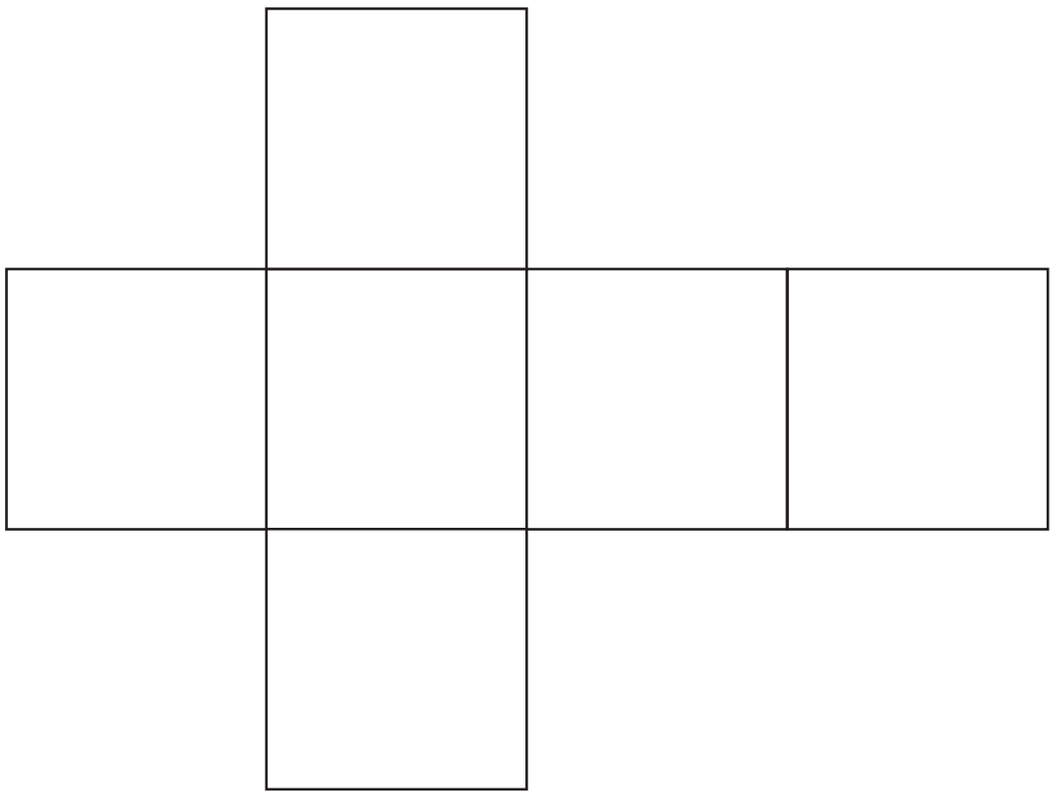
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