

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.



Rainbow WORKBOOKS

MATHEMATICS IN ISIZULU
GRADE 3 – BOOK 1
TERMS 1 & 2
ISBN 978-1-4315-0007-9

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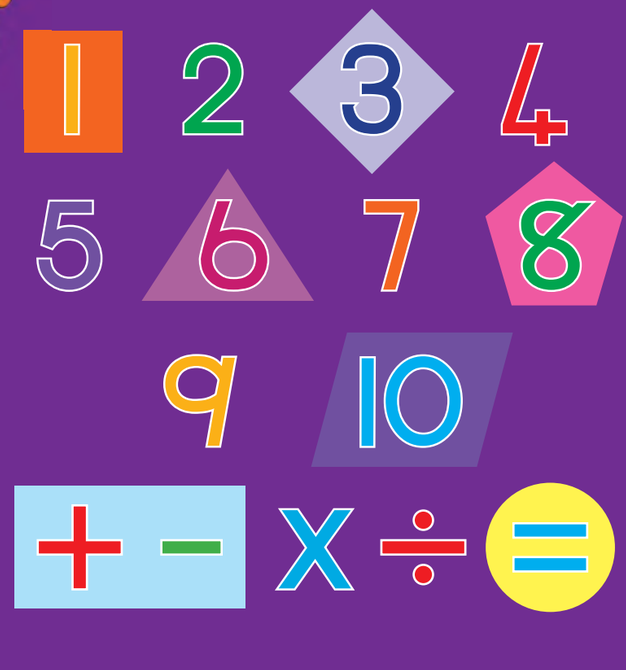

IZIBALO NGESIZULU – Ibanga lesi-3 Incwadi yoku-1

ISBN 978-1-4315-0007-9



Igama:

Iklasi:

basic education
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REPUBLIC OF SOUTH AFRICA

IZIBALO NGESIZULU

Incwadi yoku-1

Ithemu 1 & 2



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2 x 2=4

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

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

IBanga lesi-3

Rainbow WORKBOOKS

izibalo

ngeSIZULU

Le ncwadi ngeka:

_____



ISIZULU

Incwadi yoku-1



Usuku: _____

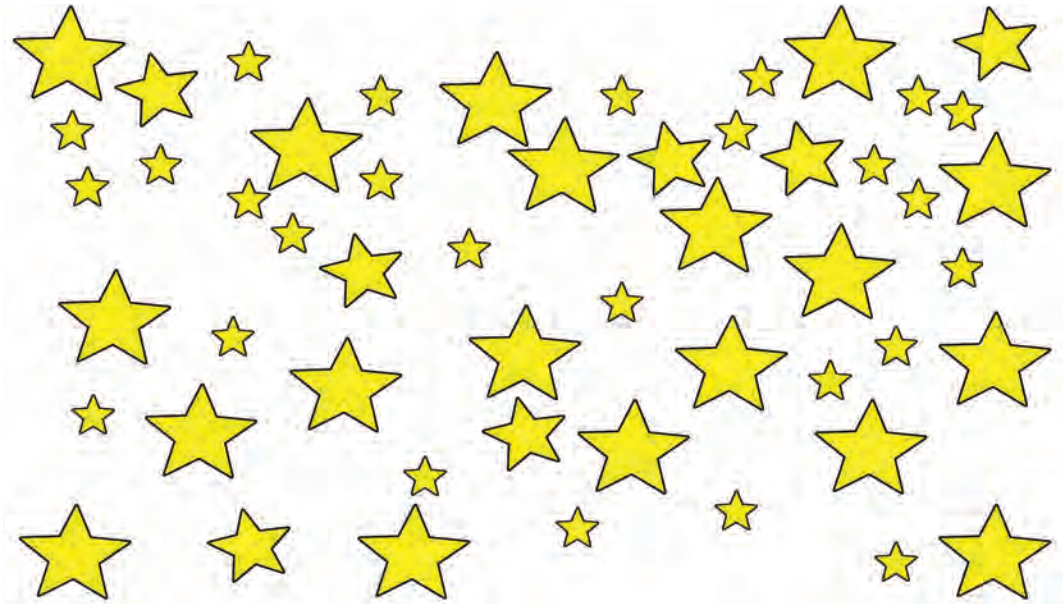
Bala, hlela bese uyakhombisa!



Zingaki izinkanyezi?

Sebenzani ngamaqembu anabantu abane.

Qhathanisa izimpendulo



Qagela ukuthi zingaki izinkanyezi. _____
Manje zibale! _____



Thola ophumelele!

Ubani oqagele kahle?

Gcwalisani amagama nezimpendulo zenu kuleli thebula.

Igama				
Ukuqagela				
Inani				
Umehluko phakathi kokuqageliwe kanye nokubalile				







Izindlela zokubala. Masisizane sizibhale phansi.



Ngibale ngakunye.



1, 2, 3, _____

_____



2, 4, 6, _____

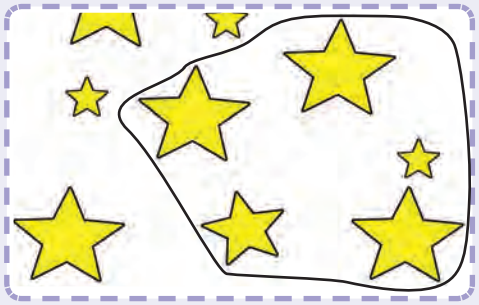
_____



Ngibale ngakubili.



Ngibale ngakuhlanu.



5, _____

_____



_____

_____



Ngibale ngamashumi.



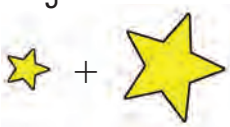
Bhala imisho yezinombolo

Uma uhlanganisa izinombolo ezimbili akunandaba ukuthi zihlelwe kanjani.

Bhala imisho emibili unikeze isamba sezinkanyezi ezinkulu nezincane esithombeni esisekhasini lesi -2. Bhala isamba ngezindlela ezimbili.

Khulu Ncane Kanje *noma* kanje

 + = _____

 + = _____

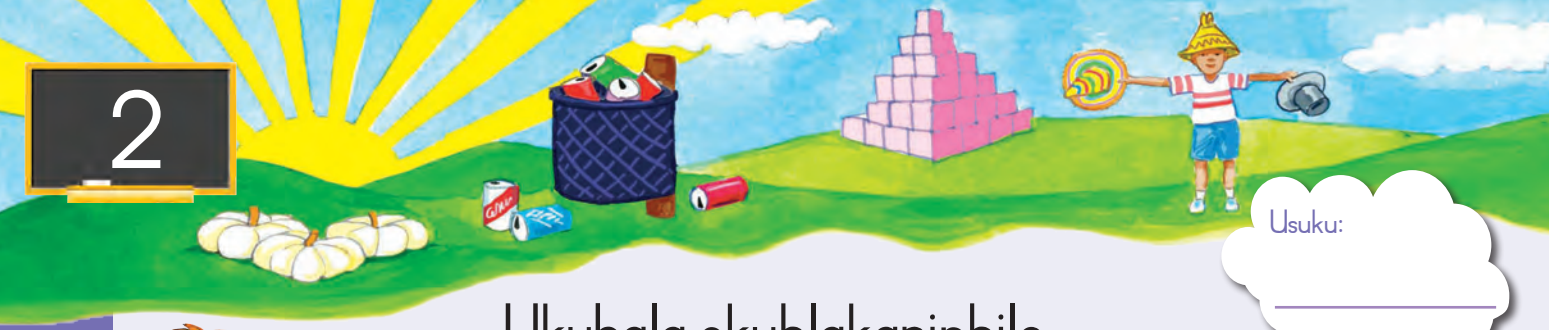
kanye nangomusho wezinombolo.

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

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20

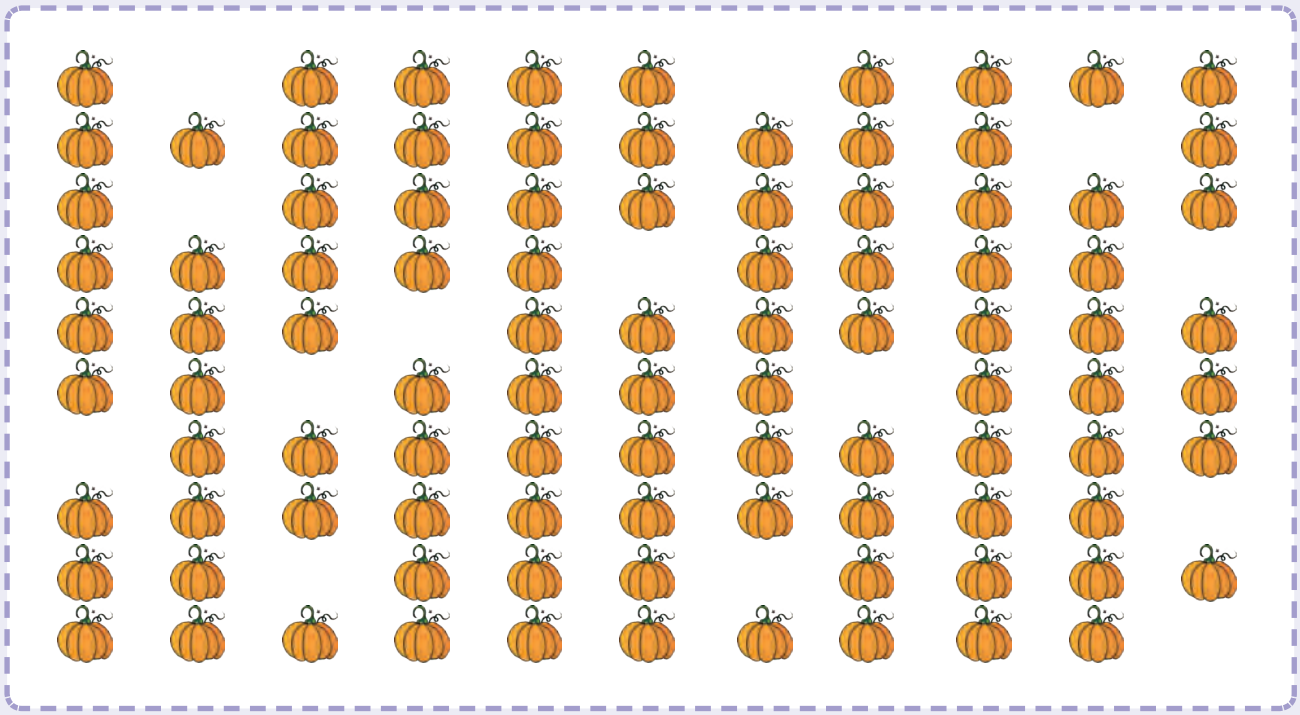


Usuku: _____

Ukubala okuhlakaniphile



Ukubala amathanga
Thola indlela elula yokuwabala.



Impendulo: _____



Ukupakisha amathanga

Amathanga ayishumi angena esikhwameni esisodwa.



Zingaki izikhwama ozigcwalise ngamathanga? _____

Mangaki amathanga asele? _____

Mangaki amathanga adingekayo ukugcwalisa esinye isikhwama? _____





Kusukela ku -+ kuya ku -× (ukuhlanganisa nokuphindaphinda)

Bhala lezi zinombolo

Isibonelo:

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



a. 10 + 10 + 10 = _____

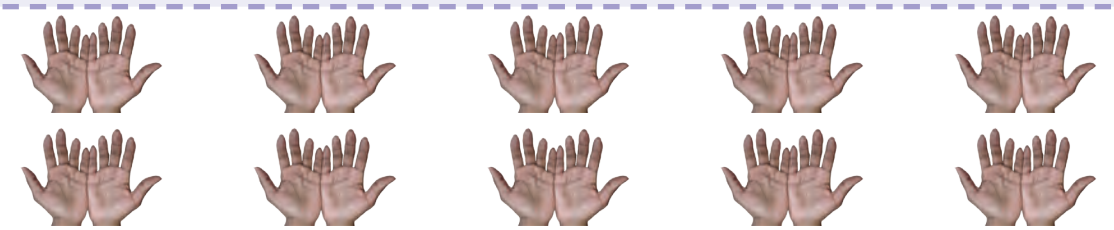
_____ amaqoqo ama - 10 = _____ ⟹ _____ × _____ = _____



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

_____ amaqoqo ama - 10 = _____ ⟹ _____ × _____ = _____

Izandla neminwe



Zingaki izandla? _____ Mingaki iminwe? _____

Bhala izimpendulo ngezindlela ezimbili.

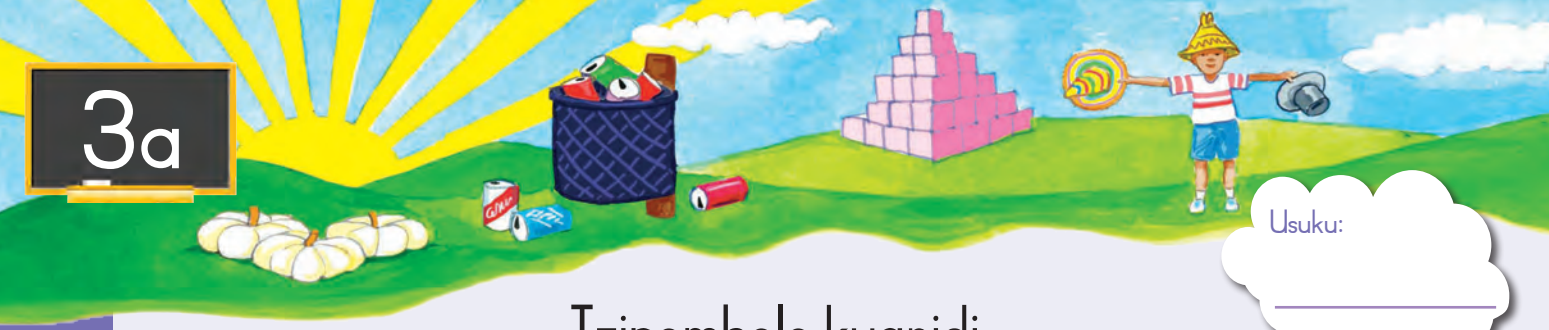
_____ amaqoqo ama - 10 = _____ kanye _____ × 10 = _____

Teacher:

Sign:

Date:





3a

Usuku: _____

Izinombolo kugridi



Ukukhuluma ngezinombolo

Bala uphinde usho zonke izinombolo kusukela ku-1 kuya ku-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 izinombolo ezingekho ebhokisini ngalinye eliluhlaza.

b. Bhala ezinye izinombolo.

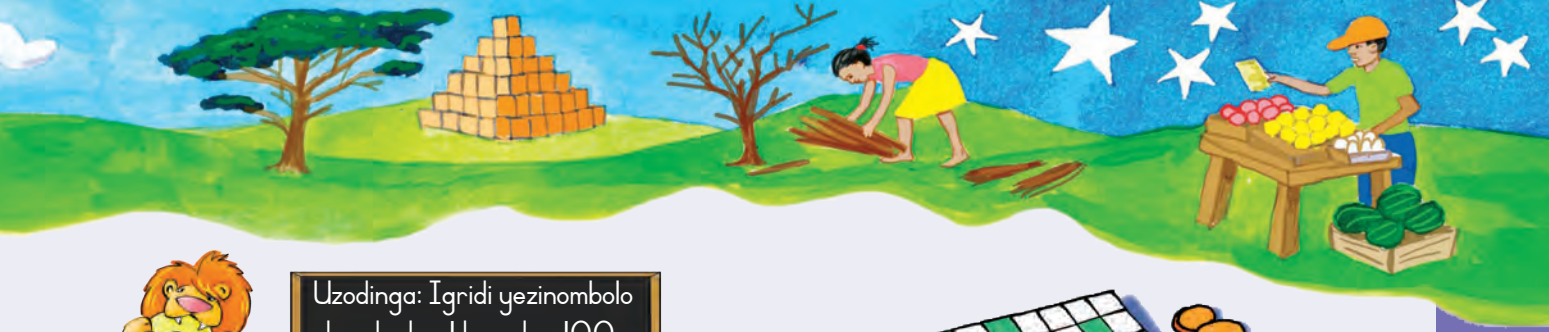
c. Luhlobo luni lwezinombolo lolu oluphuzi?



Bhala izibombolo ngamagama.

90	amashumi ayisishiyagalolunye	41	
77		56	
14		65	







Uzodinga: Igridi yezinombolo kusuka ku-1 kuya ku-100.

Bala bese uyavala

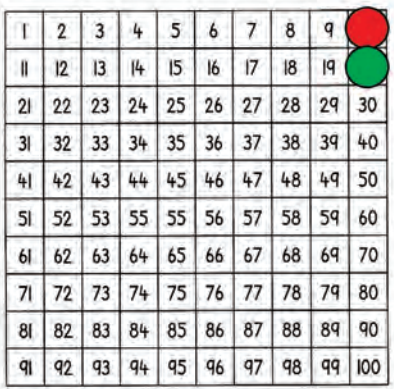
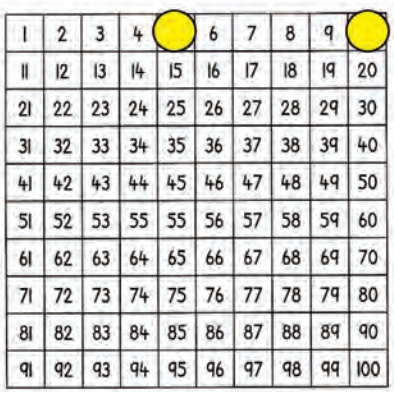
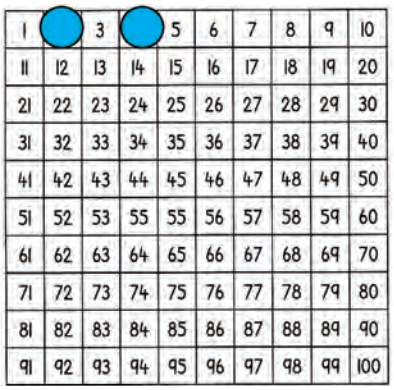


Sika okokubala ephepheni I ezintweni zokubala.

Zibeke ngobunono zibe inqwaba.

Lungela ukubala!

Sebenzisa igridi yakho yezinombolo nezinto zokubala (Ngokusika ekhasini lesi -2 lezinto ezisikwayo).

		
Bala bese uvala amashumi.	Bala bese wemboza okungakuhlanu usukele e-0 uye e-100.	Bala bese uvala o-2.
Bala ngamashumi usuke ku-10 kuya ku-100.	Bala ngakuhlanu usuka e-5 kuya e-100.	Bala ngakubili usuka e-2 kuya e-100.
Bhala ama-10 kusuka e-10 uye e-100.	Bhala oku-5 usuke e-5 uye ema-80.	Bhala oku-2 usuke e-2 uye kuma-100.

Teacher:

Sign:

Date:



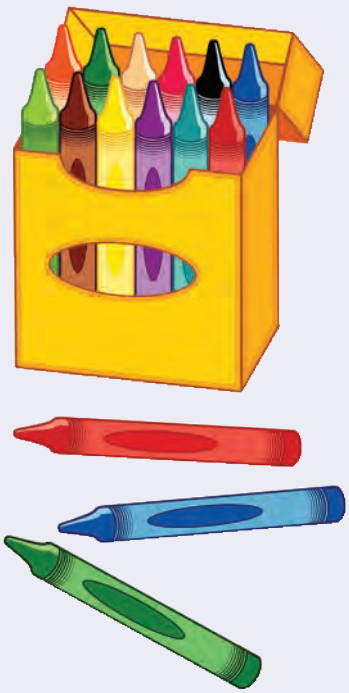


Usuku: _____

Izinombolo kugridi (kuyaqhutshwa)

Funa amaphethini

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



Thikha wonke amashumi.	Thikha bonke o-5.	Thikha bonke o-2.

Bhala izinombolo zokuqala ezingama-20 ezikhona kuphethini yo-2 kanye no-5.

_____

_____

_____

_____





Ukubala amaphethini

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;

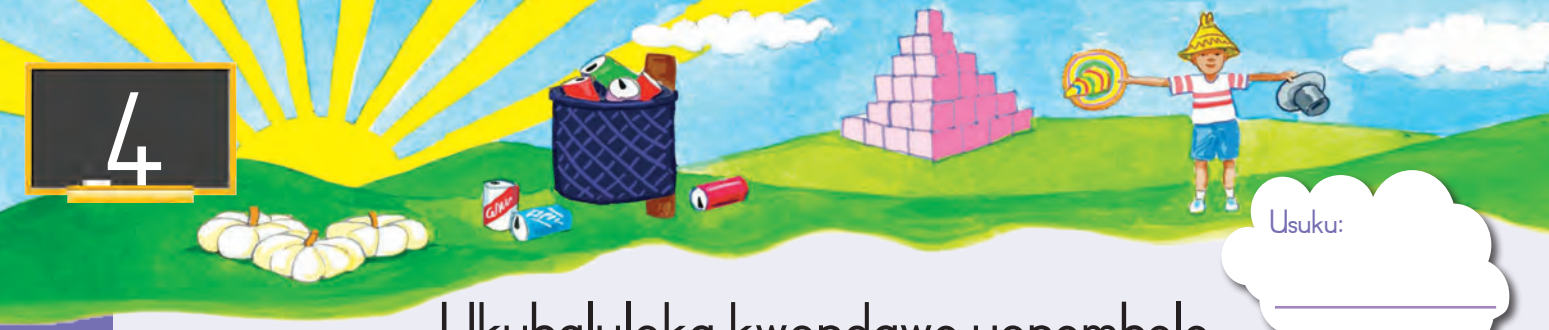
60; _____; 70; 75; _____; 85; _____; _____; 100

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

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

Teacher:
Sign:
Date:





Usuku: _____

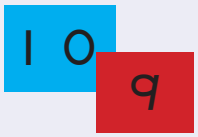
Ukubaluleka kwendawo yenombolo



Khombisa izinombolo

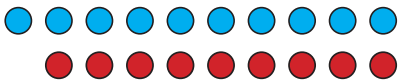
Sika amakhadi ezinombolo Kokusikwayo ephepheni 3.
Sebenzisa okusikile ukwakha lezi zinombolo.

19 43 69 54 35





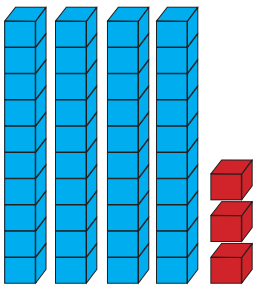
19

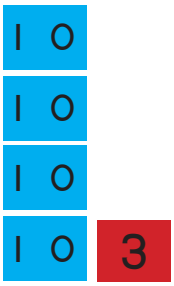




10 + 9 = 19

43





40 + 3 = 43

Zenzele wena lezi zinombolo usebenzise oKusikwayo 1 no-3.

54

35

69



Ukubhala izinombolo

Okokuqala sewenzelwe khona

Sivumelekile futhi ukuthi sithi kuyisi-9 okuhamba ngakunye

19	10 + 9	1 Amashumi + 9 Imivo	ishumi nesishiyagalolunye
43			
69			
54			
35			
21			
73			
44			
32			
89			
17			
95			
56			
68			
67			

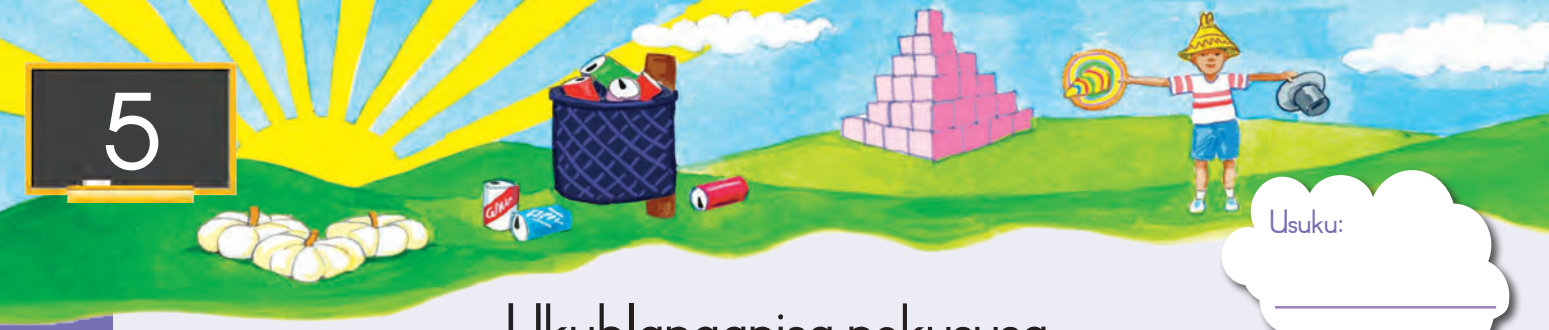


Bhala izinombolo zokuqala ezi-5 kuleli thebula elingenhla zilandelane zisuke kwencane kunazo zonke ziye kwenkulu kunazo zonke.

_____; _____; _____; _____; _____

Teacher:
Sign:
Date:





Usuku: _____

Ukuhlanganisa nokususa



Indawo kaLebo yokuthengisela

Ekuseni uLebo unamaphakethe angama -19 ama -apula.
Ngesikhathi sasemini usalelwe amaphakethe ayi -13.



a. Uthengise amaphakethe amangaki uLebo? _____

b. Bhala impendulo yakho ibe umusho wezinombolo.

_____ – _____ = _____

Bhala omunye umusho wezinombolo ukukhombisa impendulo efanayo.
14 – 9 = 6 _____ _____ _____ _____ _____



Idrili yezinombolo

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





Ungayithola yonke imindeni kanombolo14?

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



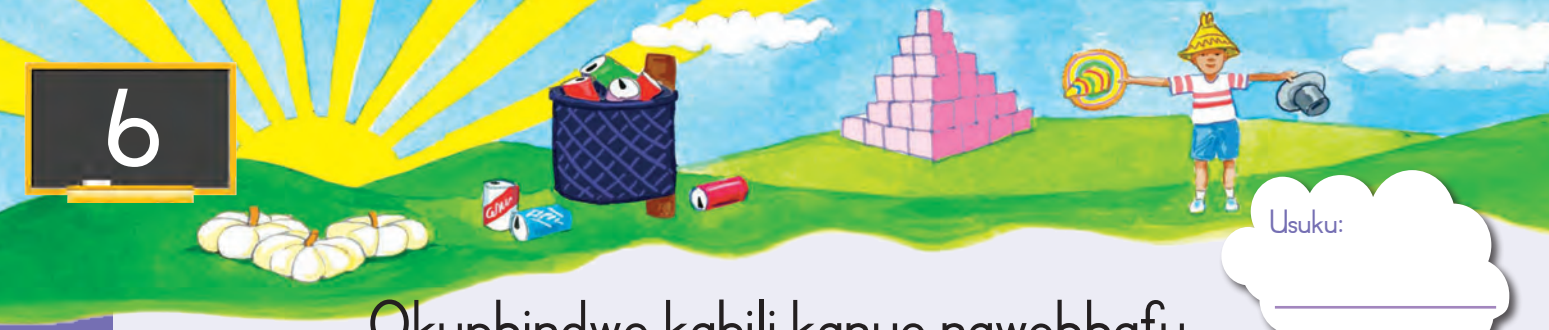
Ngizokwenza okufanayo ngenani le-12.

12

1 + 11 = 12			

Teacher:
Sign:
Date:





6

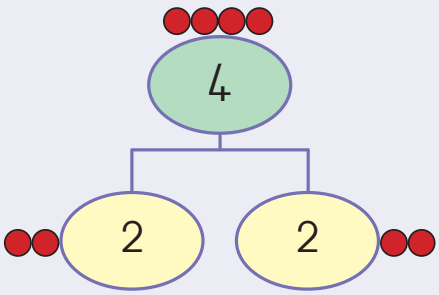
Usuku: _____

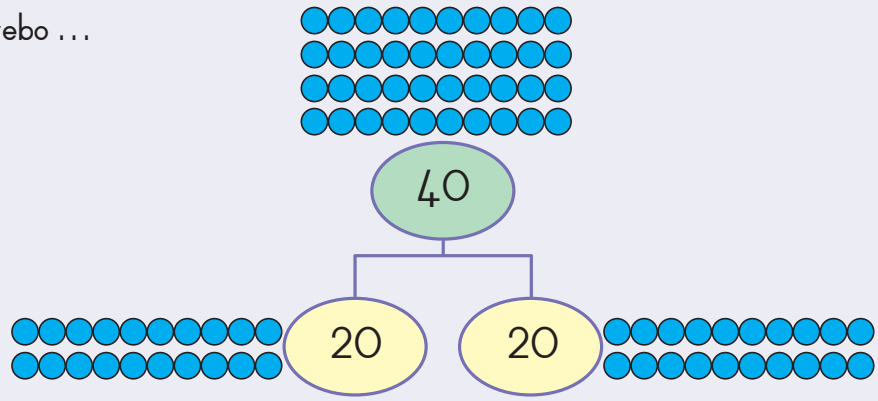
Okuphindwe kabili kanye nawohhafu

Usakhumbula?

2 uhhafu ka-4 20 uhhafu ka-40 4 uphinda kabili u-2 40 uphinda kabili u-20

Singakukhombisa lokhu ngemidwebo …

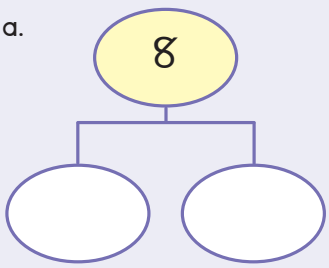




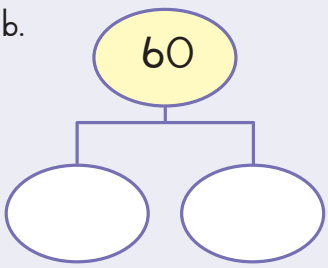


Thola okuphindwe kabili noma ohhafu

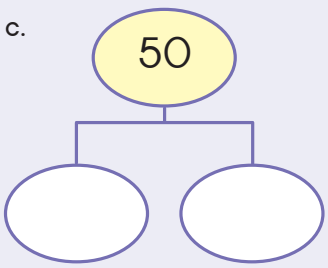
a.



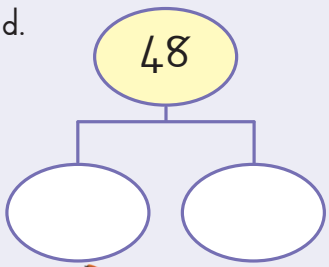
b.



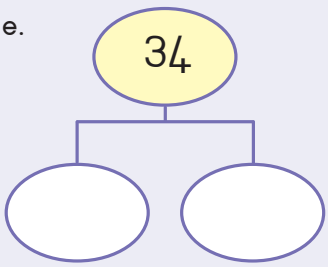
c.



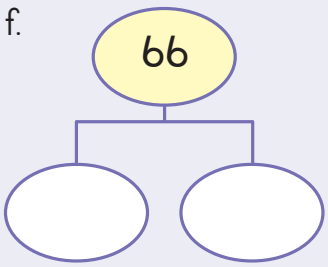
d.



e.



f.





Inselelo

Thola uhhafu woku-3.

Kukhombise lokhu ngenombolo noma ngegama lenombolo.
Ungakusiza umdwebo.





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

Phinda kabili izinto ezi-4

4 + 4 = 8



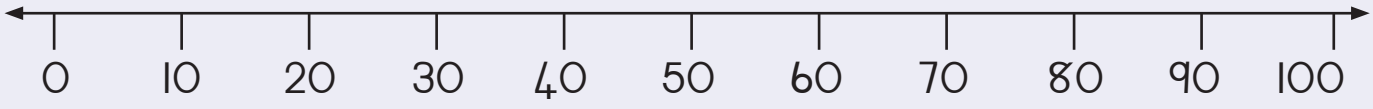
Phinda kabili izinto ezi-5

□ + □ = □



Phinda kabili ama-20

□ + □ = □



Phinda kabili ama-40

□ + □ = □





Qedela lokhu okulandelayo

a. Phinda kabili into e -1	2
b. Phinda kabili izinto ezi -6	
c. Phinda kabili i -10	
d. Phinda kabili ama -30	
e. Phinda kabili ama -50	



Qedela lokhu okulandelayo

a. Hhafula izinto eziyisi -6	3
b. Hhafula izinto eziyisi -8	
c. Hhafula izinto eziyi -14	
d. Hhafula izinto ezingama -60	
e. Hhafula izinto ezingama -70	





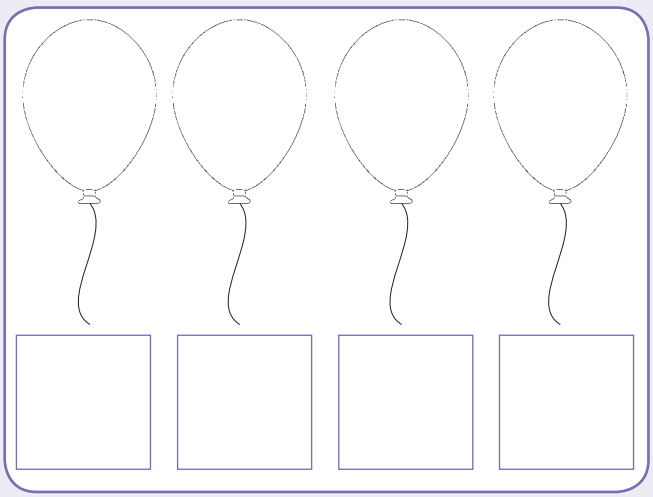


Usuku: _____

Amaqhezu

Faka umbala obomvu ikota eyodwa yamabhaluni, asele abe sasibhakabhaka.

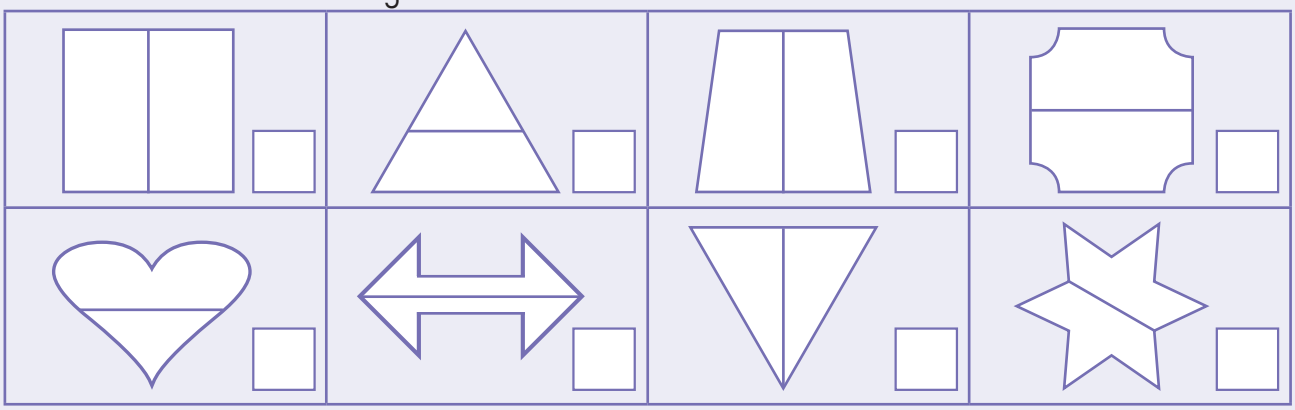
Faka umbala obomvu kuhhafu owodwa webhokisi ngalinye.





Buka isithombe. Beka uphawu emimweni eyakha uhhafu.

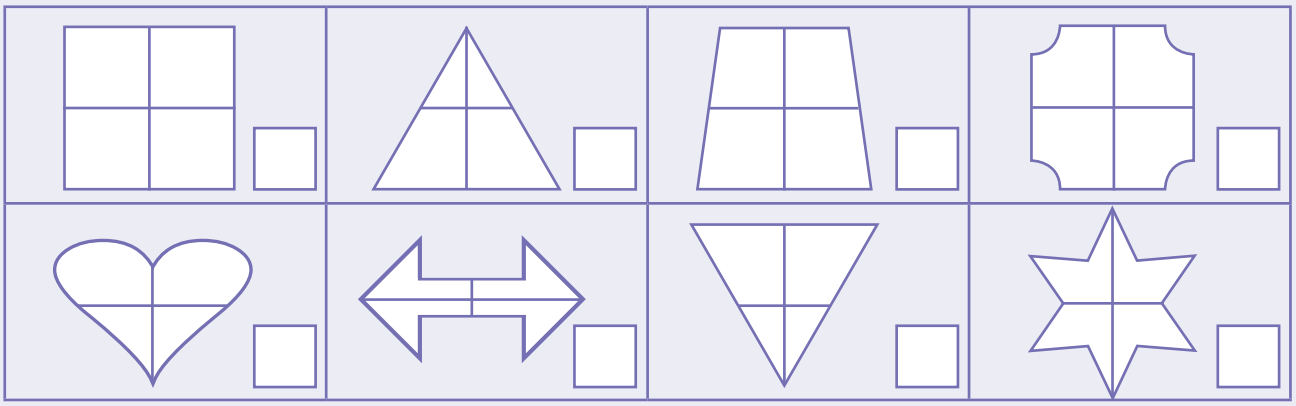
Faka umbala uhhafu womumo ngamunye kule ehlukaniswe yaba wohhafu.





Buka isithombe. Beka uphawu emimweni engamakota.

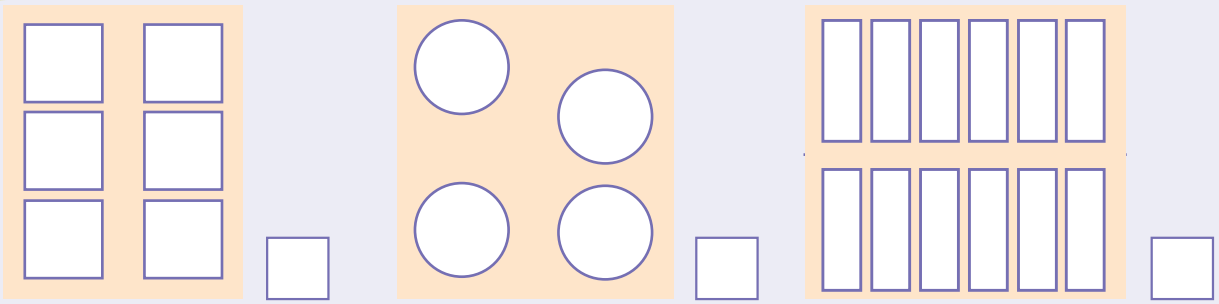
Faka umbala ikota eyodwa yomumo ngamunye kule ehlukaniswe yaba ngamakota.





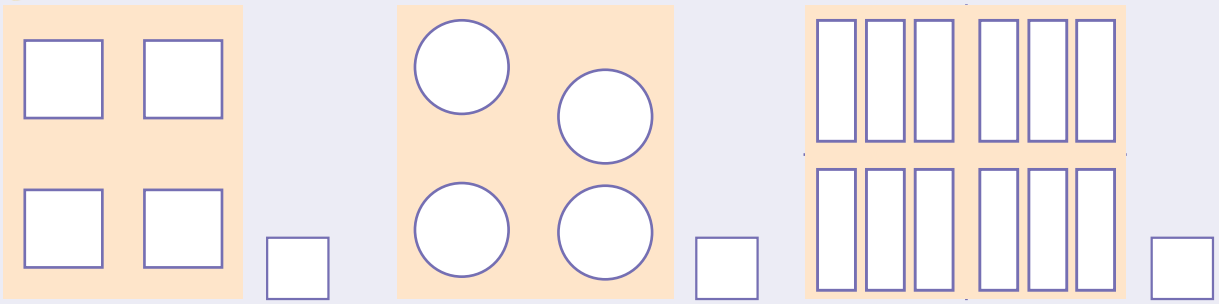


Faka umbala kuhhafu wemimo. Yini uhhafu wenani lemimo?





Faka umbala ikota eyodwa yemimo. Yini ikota yenani lemimo?

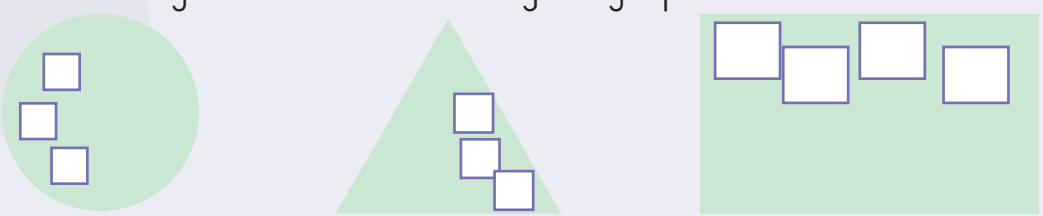




Bhala lokhu kube yiqhezu. ohhafu amakota

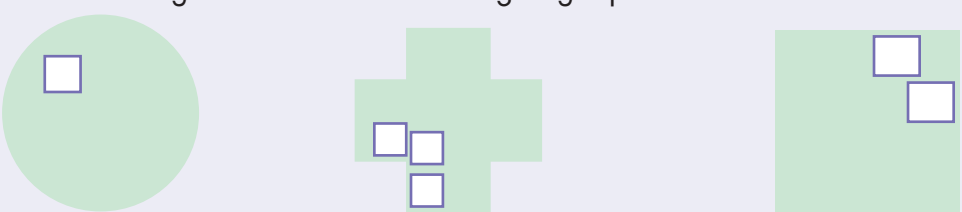


Dweba eminye imimo ukwenza uhhafu ngamunye uphelele.





Dweba eminye imimo ukwenza ikota ngalinye liphelele.







Usuku: _____

Ukuhlela imali



Esitokofeleni

UMaLubisi ubala aphinde ahlukanise imali eqenjini.





Linganisa inani eliphelele.	R_____
Bala imali.	R_____

Qhathanisa, linganisa kanye namanani.



Ukonga imali



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

_____ _____ _____





Ebhange

UMaria uhlela amaphepha emali abe inqwaba yamashumi.
Kukhona enye esele.
Bhala inani eliphelele lesithombe ngasinye.



	Inani
 	R_____
 	R_____
 	R_____

Insalela

Ukuvakashela ekhaya lezilwane

Abanye abantu abadala nezingane baya ekhaya lezilwane. Bathenga amathikithi ngama -R90.

Zingaki izingane? _____

Bangaki abantu abadala? _____

Ikhona enye impendulo?

Abadala _____ Izingane _____



Teacher:
Sign:
Date:



Usuku: _____

Amaphethini



Sebenzisa leli bhodi lezinombolo elingu 200 ukuphendula imibuzo.

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



Sebenzisa leli bhodi lezinombolo elingu 200 ukuqedela izinombolo ezine ezilandelayo kulawa maphethini ezinombolo. Bese uf aka umbala iphethini elisebhodini 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 ____, ____, ____, ____





Bhala izinombolo ezimelwe ukulandela kuleli phethini. Faka umbala ephethinini.
Kuqaphelekani ezinombolweni ezihlikihlwe ngombala ofanayo?

Bala ngakuhlanu.

				5					10

Bala ngakubili.

	2		4						

Bala ngakuthathu.

		3			6				

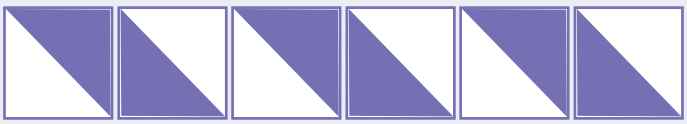
Bala ngamashumi.

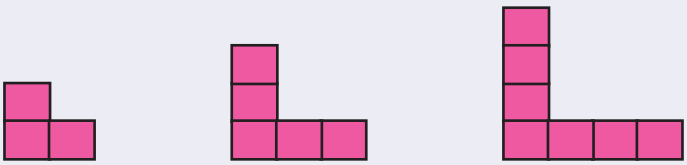
									10



Nweba iphethini.







Teacher:
Sign:
Date:





10

Usuku: _____

Amabhola, amabhokisi namasilinda







Zungelezela amabhokisi abe sasibhakabhaka, amabhola abe bomvu kanti amasilinda abe satshani.





Faka umbala empendulweni efanele.



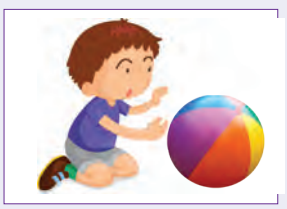
Ibhokisi

amasilayidi | amaroli



Isilinda

amasilayidi | amaroli



Ibhola

amasilayidi | amaroli





3 Faka umbala empendulweni efanele.



Umphetho oyindilinga

umphetho oqondile



Umphetho oyindilinga

umphetho oqondile



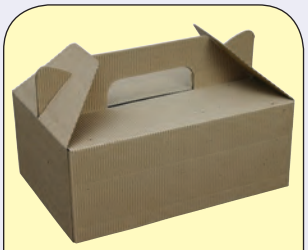
Umphetho oyindilinga

umphetho oqondile



Umphetho oyindilinga

umphetho oqondile



Umphetho oyindilinga

umphetho oqondile



Umphetho oyindilinga

umphetho oqondile



Umphetho oyindilinga

umphetho oqondile



Umphetho oyindilinga

umphetho oqondile

4 Yisho ukuthi ibhola lingemuva, lingaphambili, liseduzane kumbe liphezu kwebhokisi.



lingemuva | lingaphambili

liseduzane | liphezu



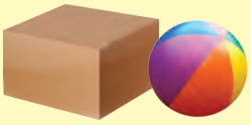
lingemuva | lingaphambili

liseduzane | liphezu



lingemuva | lingaphambili

liseduzane | liphezu



lingemuva | lingaphambili

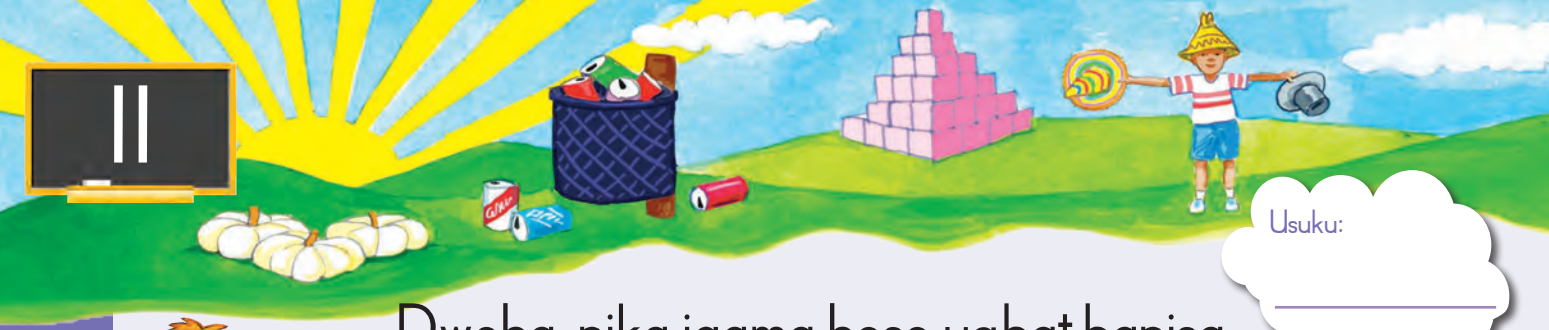
liseduzane | liphezu

Teacher:

Sign:

Date:





Usuku: _____

Dweba, nika igama bese uqhathanisa umumo owu - 2 -D



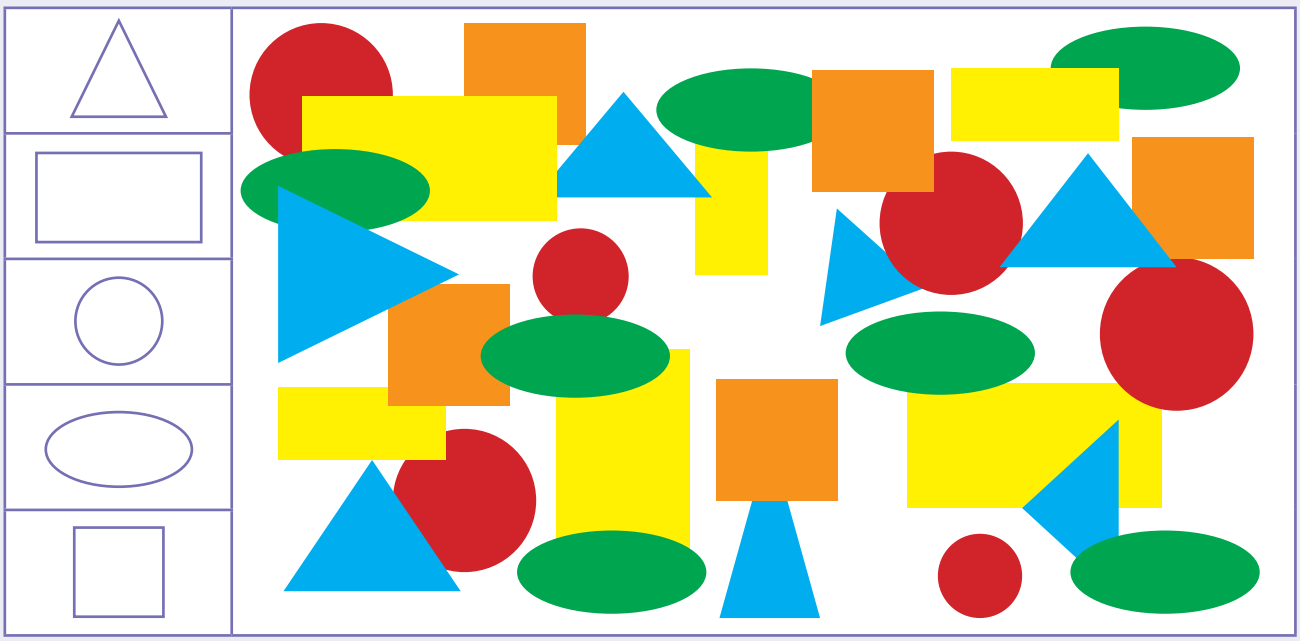
Ukudweba izimo

Unxantathu		Indilinga	
Isikwele		Unxande	



Ukubala imimo

Bala ukuthi mingaki imimo efana nalena oyithola kulesi sithombe.







Faka umbala

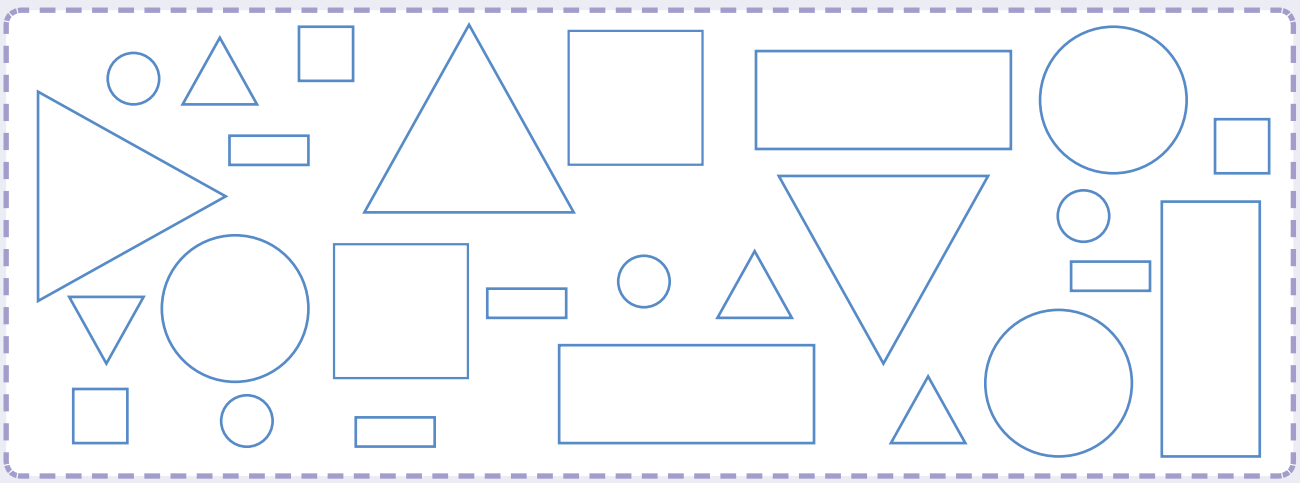


obomvu kuzo zonke iziyingi ezinkulu, osatshani eziyingini ezincane;

osasibhakabhaka konxande abakhulu, osawolintshi konxantathu abancane;

ophuzi ezikweleni ezinkulu, ophephuli ezikweleni ezincane;

onsundu konxande abakhulu, ophinki konxande abancane.





Mangaki amacala?

Umumo ngamunye unamacala amangaki? Bhala inombolo emumweni. Sikwenzele owodwa.
Izinhlanggothi ziqondile noma ziyindilinga? Faka umbala empendulweni efanele.

ziqondile	ziyindilinga
3	

ziqondile	ziyindilinga

ziqondile	ziyindilinga

ziqondile	ziyindilinga

ziqondile	ziyindilinga

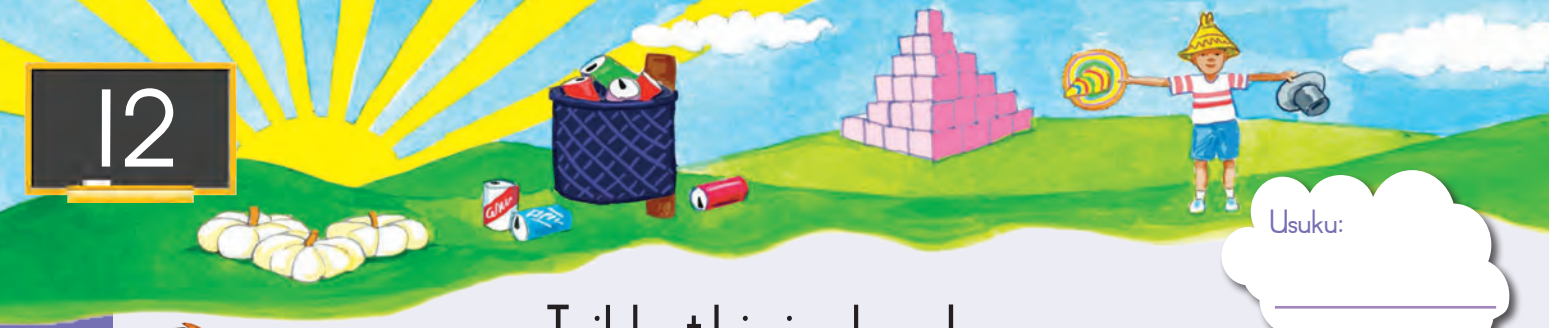
ziqondile	ziyindilinga

ziqondile	ziyindilinga

ziqondile	ziyindilinga

Teacher:
Sign:
Date:





12

Usuku: _____

Isikhathi siyahamba



Funda isikhathi

Lawa mawashi akhombisa sikhathi sini?






Nqo_____ ezimpondweni	Nqo_____ ezimpondweni	Nqo_____ ezimpondweni	Nqo_____ ezimpondweni



Gxuma uzungeze iwashi

Siza uMinnie Mouse ukuthi abale imizuzu ngaku-5.
Qala kokuyi-12. Qhubeka uzungeze.



Mingaki imizuzu oyithola uma ubala? _____

Mingaki imizuzu ehoreni eli-1? _____



Bhala isikhathi

Dweba izandla ezikhombisa isikhathi.



Imizuzu eyi-10 lishayile ihora lesi-6



Imizuzu eyi-20 lishayile ihora lesi-8



Imizuzu eyi-5 lishayile ihora le-11



ligamenxe ihora lesihlanu



UTumi uhamba ngezinyawo uma eya esikoleni.





Uphuma ekhaya.



Ufika esikoleni.

Uthatha isikhathi esingakanani uTumi? _____



Usuku lokubhaka

UMaria ubhaka isinkwa.



Isinkwa singena kuhhavini.



Isinkwa siphuma kuhhavini.



Isinkwa sibhakwa imizuzu e _____ .



Insalela



Esikhathini esiphindwe kabili.

a. Shintsha amahora abe imizuzu.

Amahora	1	2	4	8
Imizuzu	60			

b. UJabu uthatha imizuzu engama-45 ukufika esikoleni. UTumi yena uthatha ephindwe kabili kuleyo. Uthatha amahora amangaki uTumi ukufika esikoleni?

_____

Teacher:
Sign:
Date:

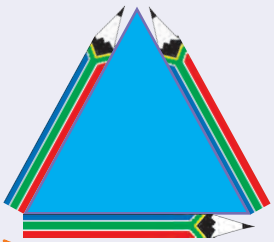


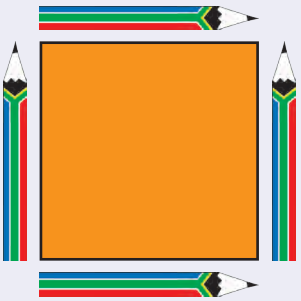


Usuku: _____

Ukukala ubude











Uhlangothi ngalunye kulo nxantathu lungamapensela ama -3 ubude.

Uhlangothi ngalunye kulo nxantathu lungamapensela ama -4 ubude.



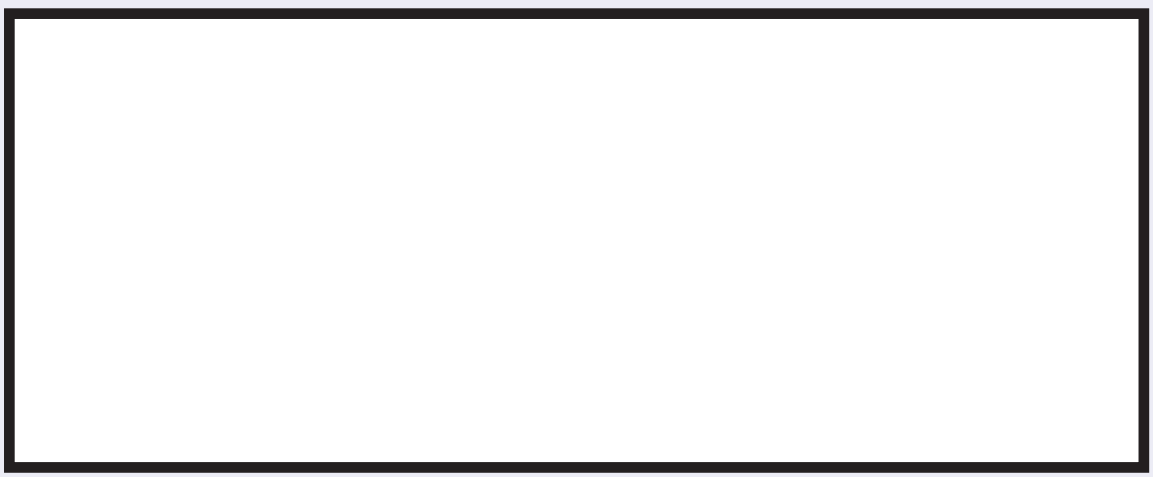


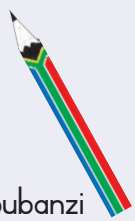
Angazi ukuthi mude futhi ubanzi kangakanani lo nxande.

Mangaki amapensela akha ubude bukanxande? ☐

Mangaki amapensela akha ububanzi bukanxande? ☐

Ubude





Ububanzi

Lo nxande mude ngamapensela amangaki?



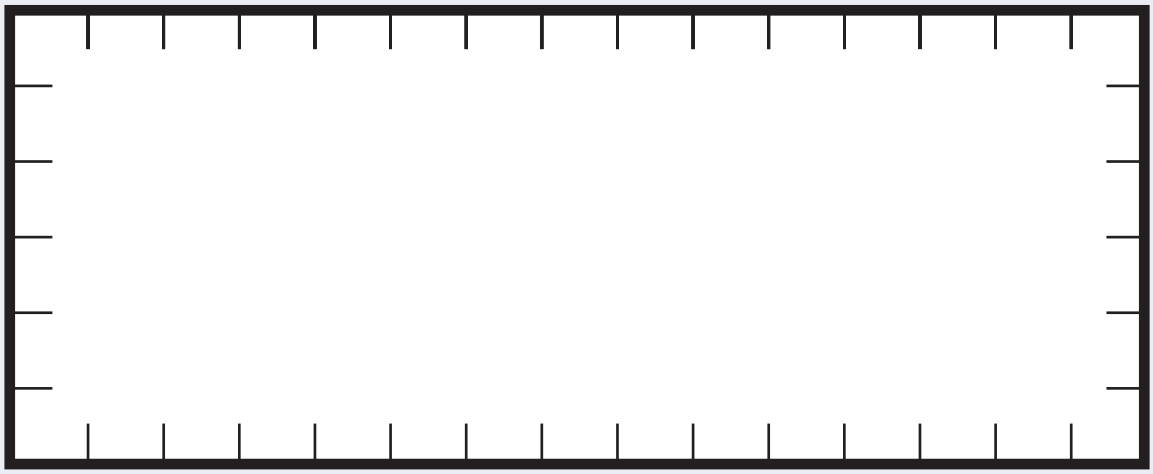


Ubude obuyimfihlakalo

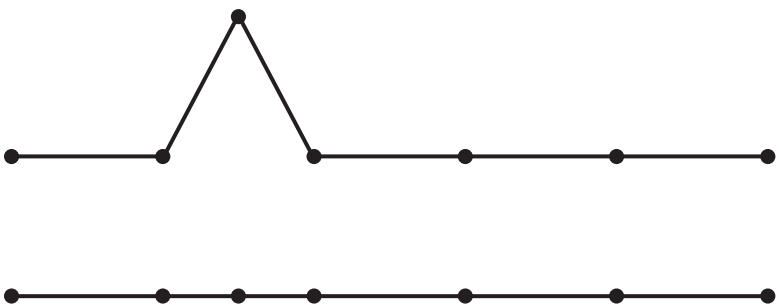
a. Udinga emingaki imigqa ebomvu ukuqedela umugqa omnyama?



b. Udinga emingaki imigqa ebomvu ukuhamba uzungeze unxande wonke?



c. Imuphi omude, indlela engaphezulu noma engezansi noma iyafana?

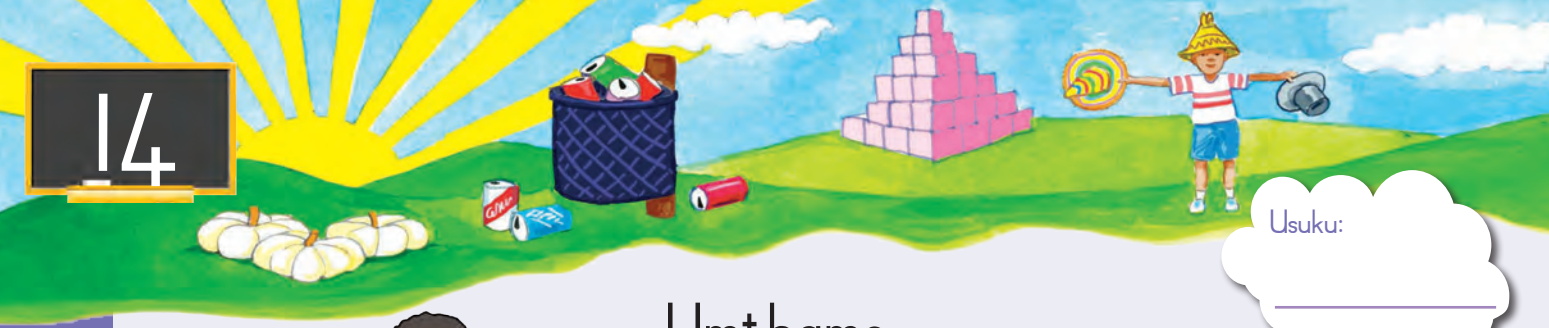


Impendulo _____

Kungani? _____

Teacher:
Sign:
Date:





14

Usuku: _____

Umthamo



Sengifake izipuni ezine enkomishini

Zingaki ezinye izinkomishi zamanzi ezingagcwalisa isiqukathi?

_____



Zingaki izinkomishi zamanzi ezisesiqukathini? Zingaki izinkomishi esizidingayo futhi ukugcwalisa isiqukathi?

a.



Okusesiqukathini: 1 Esidinga ukwengeza ngakho: 9

b.



Okusesiqukathini: _____ Esidinga ukwengeza ngakho: _____

c.



Okusesiqukathini: _____ Esidinga ukwengeza ngakho: _____

d.



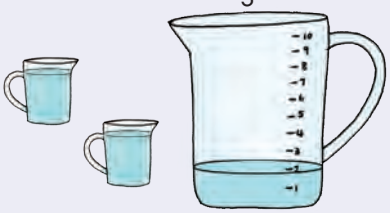
Okusesiqukathini: _____ Esidinga ukwengeza ngakho: _____

e.



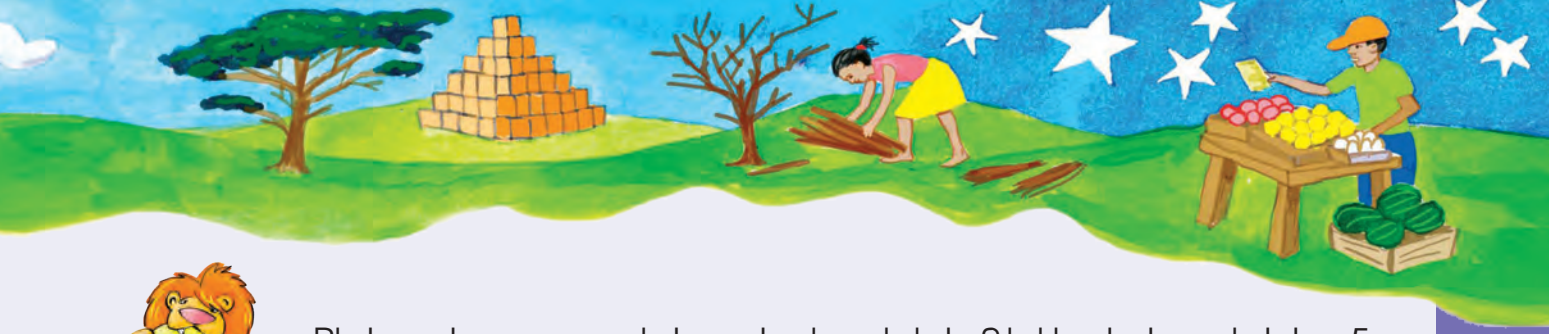
Okusesiqukathini: _____ Esidinga ukwengeza ngakho: _____

f.



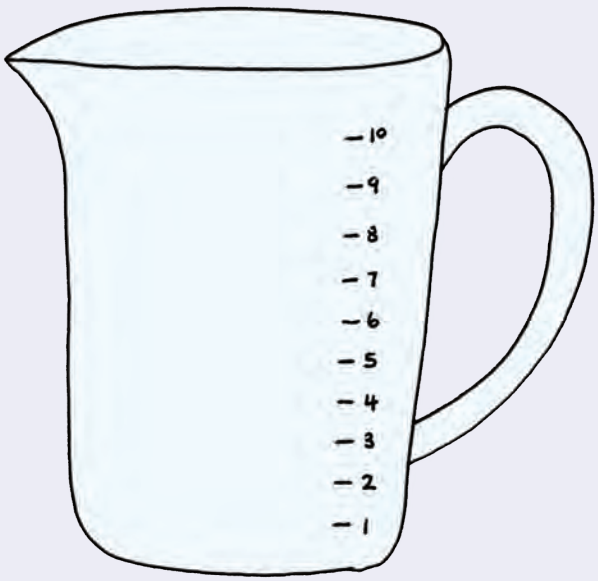
Okusesiqukathini: _____ Esidinga ukwengeza ngakho: _____







Bhala amabanga emaqophelweni alo jeke wokukala. Sikukhombisile iqophelo lesi -5. Gcwalisa amanye amaqophelo owabona kujeke.



Uma inkomishi igcwalisa ujeke ngeqophelo lesibili, udinga izinkomishi ezingaki ukugcwalisa ujeke ngokulandelayo:

a. 4 _____

b. 6 _____

c. 8 _____

d. 10_____



Beka uphawu lapho kungakhawula khona ilitha loketshezi esiqukathini.







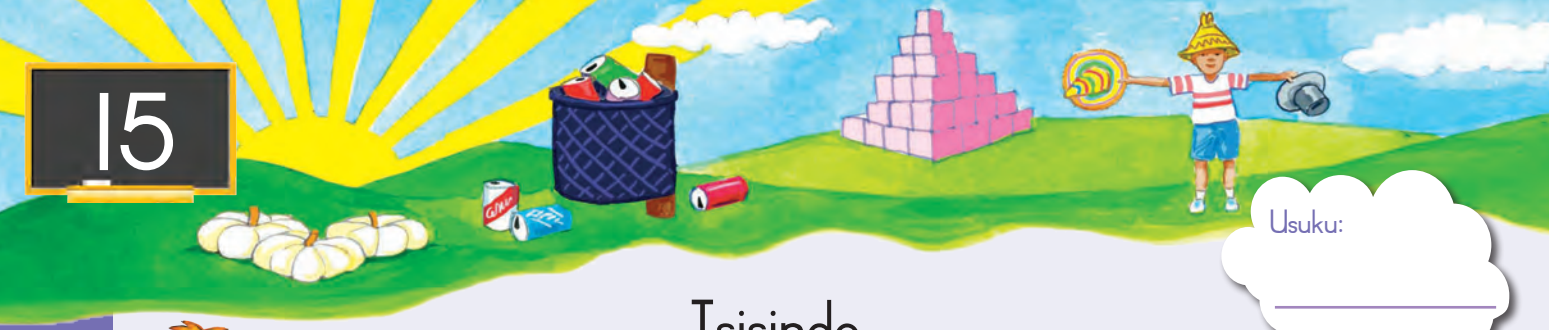






Teacher:
Sign:
Date:



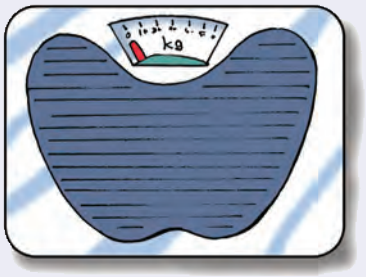


Usuku: _____

Isisindo



Masikaleni isisindo!



Ukuthola isisindo, ukuthi kusinda noma kulula kangakanani, sisebenzisa isikali.

Isisindo sisikala ngamakhilogremu. Sisebenzisa lesi sifinyezo: kg

Ngubani osinda kunabo bonke?



41 kg



38 kg



41 kg



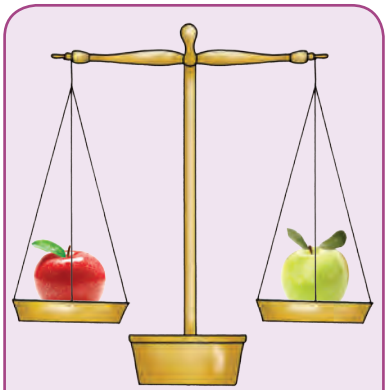
42 kg



39 kg

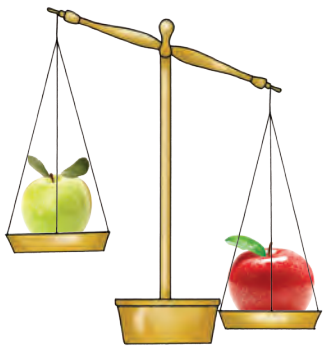


Sisebenzisa isikali sebhalansi ukukala isisindo.



Uma ebekwa kulesi sikali womabili ama-apula, ayalingana ngesisindo.





Phendula umbuzo ngokubhala a noma b.

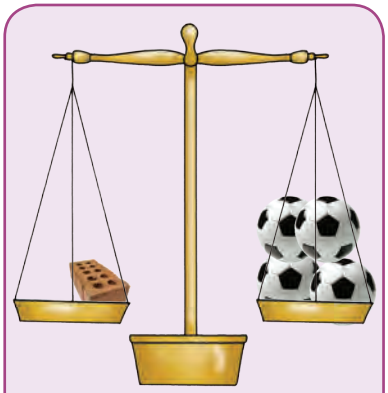
Lisinda kunelibomvu uma likusiphi isikali i-apula eliluhlaza? ☐

Lilula kunelibomvu uma likusiphi isikali i-apula eliluhlaza? ☐



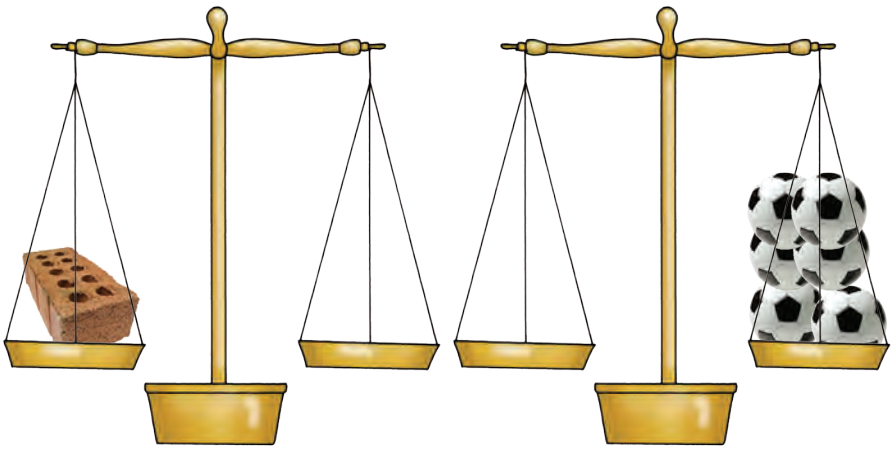


Qala uyikale leyo nto.



Izitini ezimbili zisinda ngokulinganayo namabhola amane.

Dweba uveze ukuthi udinga amabhola amangaki ukwenza lezi zikali zibhalanse.



4

Uma impahla eyodwa inesisindo sika -3kg. Impahla..... isinda kangakanani?



a. 2 _____

b. 3 _____

c. Ake ngikale impahla e -4 kanyekanye esikalini sasekhishini? _____

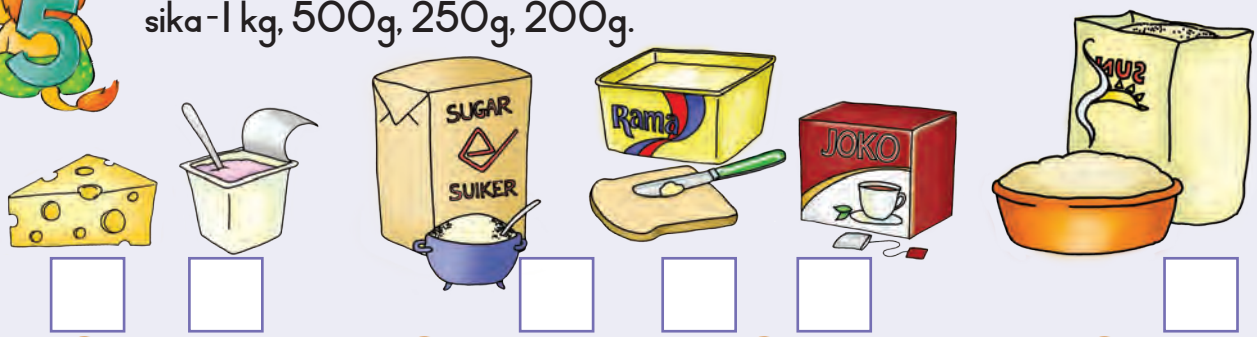
Ngivumelekile noma cha? Kungani? _____

_____

_____

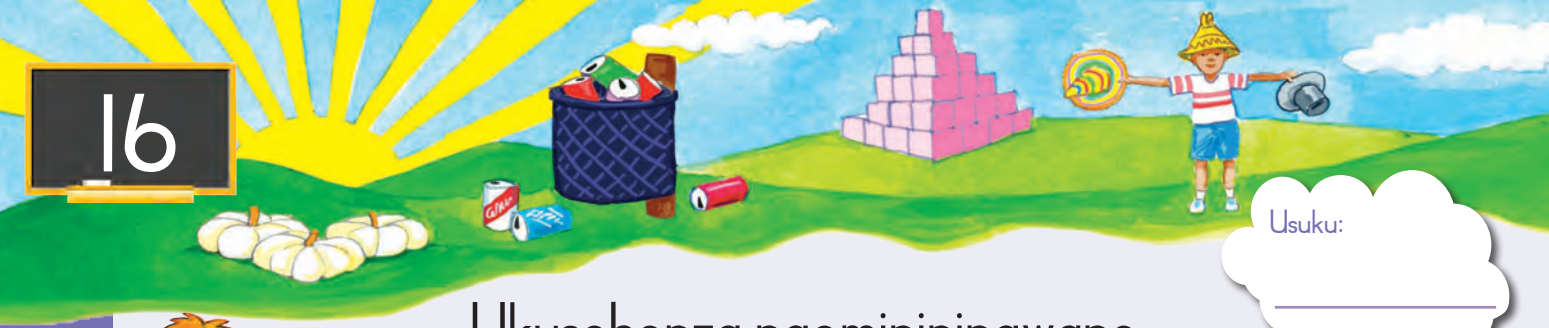
5

Beka uphawu eziqukathini ezinamaphakethe anesisindo sika-1 kg, 500g, 250g, 200g.



Teacher:
Sign:
Date:





16

Usuku:

Ukusebenza ngemininingwane



Izicathula ekilasini



Funda indaba.

UThabo: Ihe! UJack mude bo! Ugqoka usayizi 6 wezicathulo!

Nksz Khoza: Yebo!, Thabo, lokho kukhulu ngempela enganeni eneminyaka eyi-9 ubudala! Thabo, usayizi bani izicathulo zakho? Abanye ekilasini banosayizi bani? Asenzeni uphenyo!

Abafundi basho osayizi bezicathulo zabo, ngabanye ngabanye.

UNksz Khoza ubhala osayizi ebhodini.

UNksz Khoza: Bala, bese ubhala ukuthi bangaki osayizi ethebulini.

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 ithebula elingezansi

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





Dweba igrafu yezithombe

 = umfundi oyedwa

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

Manje phendula le mibuzo.

a. Abafundi abaningi bagqoka usayizi _____ ezicathulweni.

b. Abambalwa bagqoka usayizi _____ ezicathulweni.

c. Izingane ezi _____ zibambe iqhaza.

Kuthiwani ngawe?

Thola ukuthi wena nabangani bakho nithatha baphi osayizi bezicathulo!

- Sebenzani ngamaqembu abantu abayi-6 kuya ku-8.
- Qoqani imininingwane yenu.
- Bhala izinombolo zosayizi bezicathulo ebhodini.
- Qhathanisani izimpendulo namanye amaqembu.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

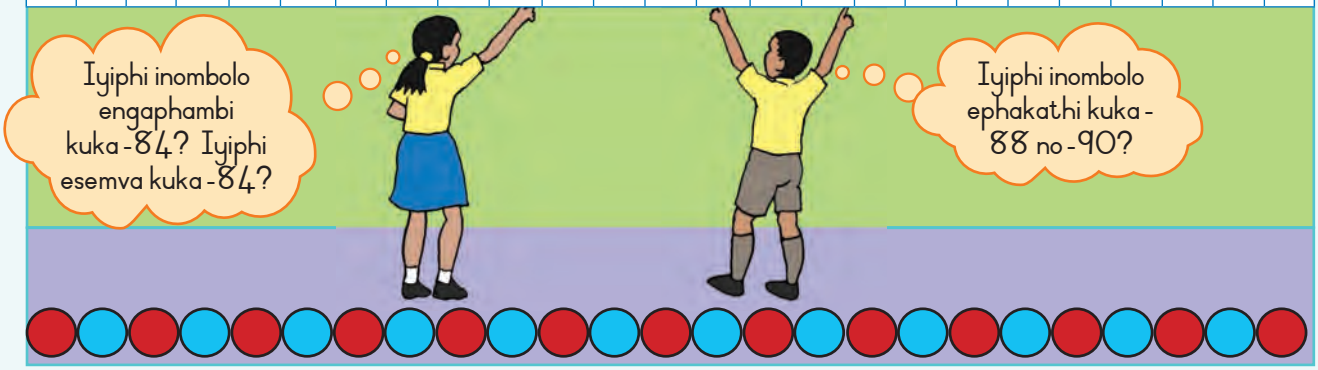


17

Usuku: _____

Qhathanisa uphinde ulandelanise 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 izinombolo ezingekho.

51									
						67			
71									
									100

Sebenzisa ibhodi lezinombolo ukuphendula le mibuzo.

- Iyiphi inombolo eza ngaphambi kuka-68? _____
- Iyiphi inombolo eza emva kuka-68? _____
- Bhala phansi izinombolo ezinhlanu ezincane kuna-71 _____, _____, _____, _____, _____
- Bhala phansi izinombolo ezinhlanu ezinkulu kuna-71 _____, _____, _____, _____, _____
- Yiziphi iznombolo eziphakathi kuka-79 no-84? _____
- Bhala phansi izinombolo usukele kwenkulu uye kwencane kunazo zonke. 73, 52, 50, 59, 61

  _____
- Bhala phansi izinombolo usukele kwenkulu uye kwencane kunazo zonke. 74, 96, 99, 91, 38

  _____





Qedela ithebula. Qala ngenombolo onikezwe yona.

	engeza ngeyodwa	susa eyodwa	engeza ngeziyishumi	nciphisa ngeziyishumi
25				
39				
74				
56				
40				



Zungelezela inombolo enkulu kunazo zonke.

78	87	17

36	63	33

Zungelezela inombolo encane kunazo zonke.

99	19	9

14	41	40



Uma lolu phawu < lusho okuncane njenge... bese lolu > lusho okukhulu ngange... qedela lokhu

32 [<] 64 23 [>] 18

57 [ ] 98 89 [ ] 57



Thola izinombolo ezi-5 ephephandabeni, zibe phakathi kokungama-50 nama-99 uzinamathisele lapha. Isho ukuthini inombolo ngayinye?

Teacher:
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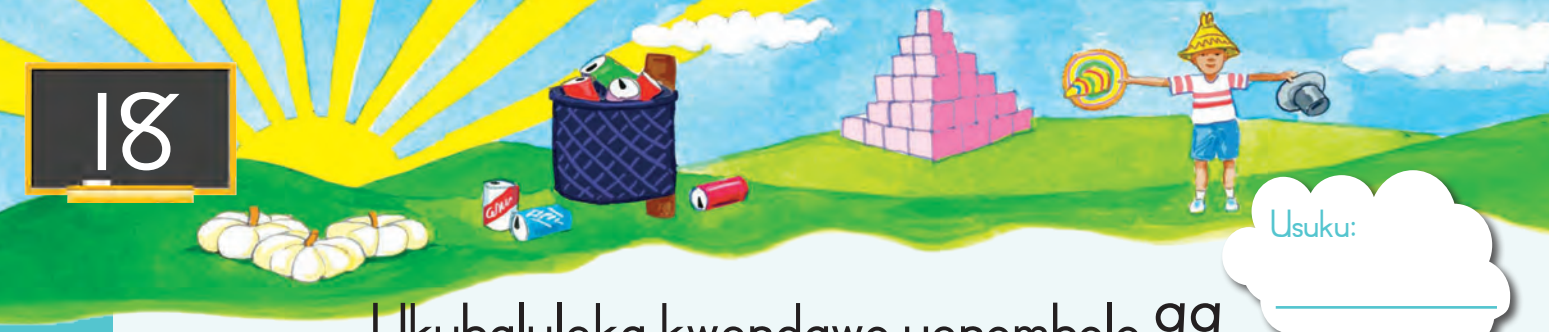
Date:





18

Usuku: _____

Ukubaluleka kwendawo yenombolo 99

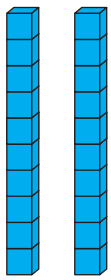


Ukukhombisa izinombolo usebenzisa izinto

Siyakwazi ukuveza izinombolo ngokwezindawo zazo esibalweni.

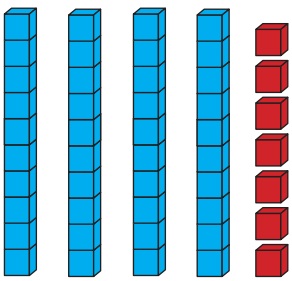
Ibhuloki encane imele oku-1. Iyiyunithi.

Isixhawu samabhuloki ayi-10 simele i- 10. Yi-10.

Amashumi	Imivo
	

Ungayikhombisa inombolo usebenzisa amashumi nokungakunye.

Ama-47 ungawakhombisa kanje.



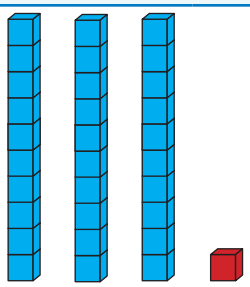
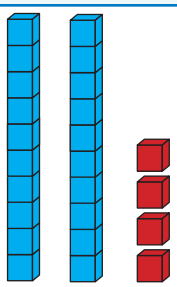
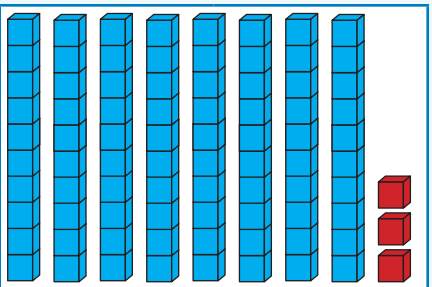
Amashumi	Imivo
4	7

amashumi amane nesikhombisa 47



Ukubhala izinombolo ngezinombolo nangamagama

a. Ngaphansi kwesithombe, bhala ukuthi mangaki amashumi nemivo. Bese ubhala inombolo ngezinombulo nangamagama.

					
Amashumi	Imivo	Amashumi	Imivo	Amashumi	Imivo
3	1				
31 amashumi amathathu nanye		_____		_____	





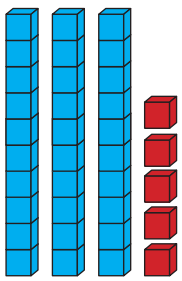
b. Singawasebenzisa namakhadi ezinombolo ukuzikhombisa.

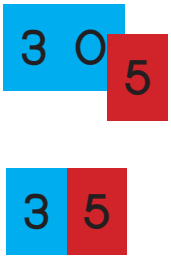


Inombolo	Mangaki amashumi?	Mingaki imivo?	Bhala inombolo ngamagama
26	2	6	Amashumi amabili nesithupha
46			
99			



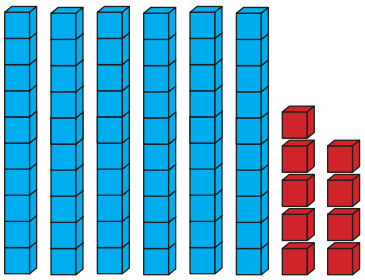
Ithini inombolo?

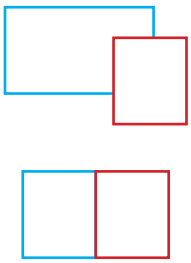




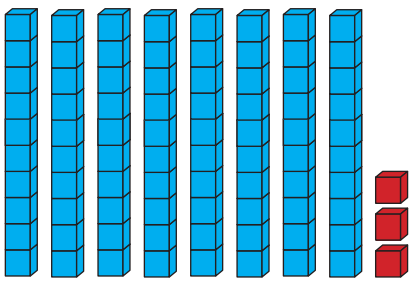
Amashumi	Imivo
3	5

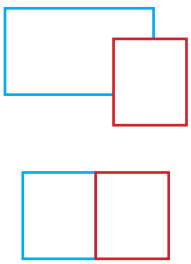
Amashumi amathathu nanhlanu 35





Amashumi	Imivo





Amashumi	Imivo

Teacher:
Sign:
Date:



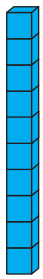
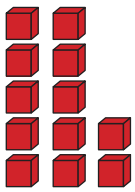


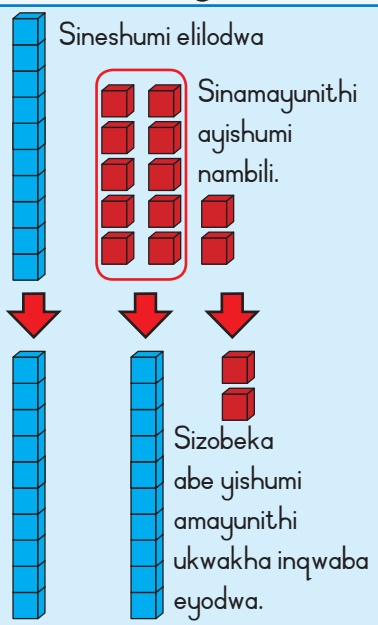
Usuku: _____

Ukubeka amashumi ndawonye uma sengeza kuma-99

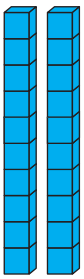
Funda

Nansi enye indlela yokukhombisa ama-22.

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

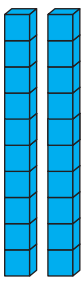
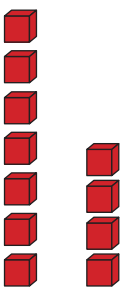


Manje sesinenye indlela yokukhombisa ama-22.

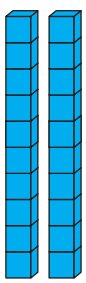
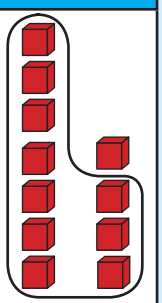
Amashumi	Imivo
	
amashumi amabili	imivo emibili
2 2	

Ake sihlanganise u-27 + 4. Amabhokisi aluhlaza iwona esizoqala ngawo. Lawo aphinki sizokwengeza kuwona.

Ama-27 amashumi amabili kanye nemivo eyisikhombisa. Bese sihlanganisa eminye imivo emine.

Amashumi	Imivo
	
amashumi amabili	7 imivo + 4 imivo
2 0	7 4

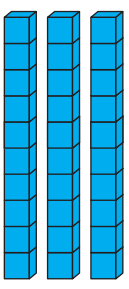
Sinamashumi amabili kanye nemivo eyishumi nanye.

Amashumi	Imivo
	

Singakhombisa imivo eyishumi njengeshumi elilodwa.

2 0 1 0 1

Manje sesishumi amathathu + umuvo owodwa = 31

Amashumi	Imivo
	

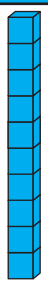
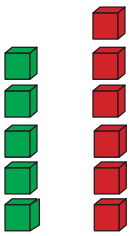
___ + ___ = ____

3 1

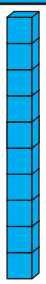
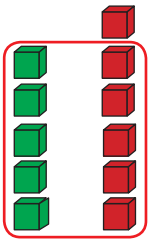




Bhala umusho wezinombolo ovezwe yesithombe

Amashumi	Imivo
	

10 + 5 + 6

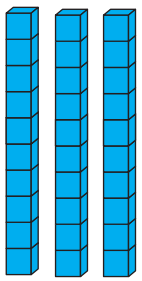
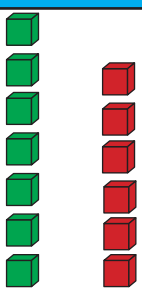
Amashumi	Imivo
	

___ + ___ + ___

Amashumi	Imivo
	

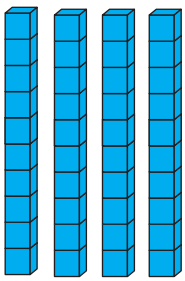
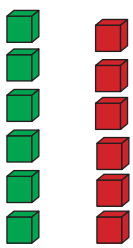
___ + ___ = ____

Qedela isithombe. Bhala imisho yezinombolo njengoba kukhonjiswe esithombeni.

Amashumi	Imivo
	

Amashumi	Imivo

Amashumi	Imivo

Amashumi	Imivo
	

Amashumi	Imivo

Amashumi	Imivo

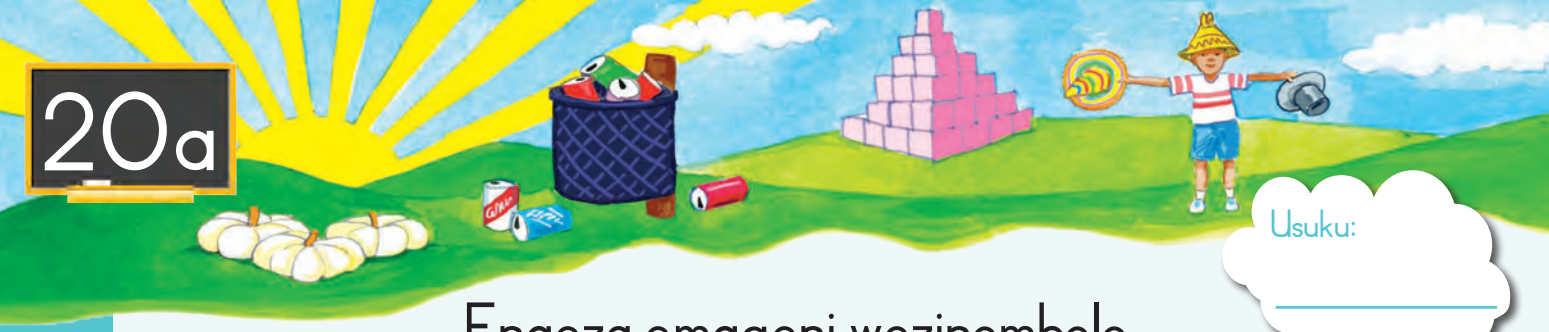


Teacher:

Sign:

Date:





20a

Usuku: _____

Engeza emgqeni wezinombolo

Hlala edesikini lakho!

Esikoleni sethu umfundi ngamunye unedesiki lakhe.

Ebangeni 3A kukhona abafundi abangama-46 bese kuthi ebangeni 3B kukhona abafundi abangama-24.

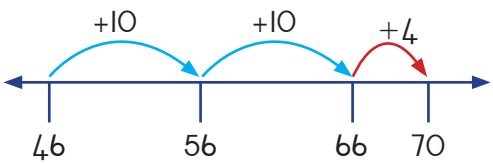
Sidinga amadesiki amangaki emakilasini omabili?



Sebenza nophathini wakho

Buka ukuthi laba bafundi bobathathu bawusebenzise kanjani umugqa wezinombolo ukuxazulula inkinga. Qedela izibalo usebenzisa isibonelo.





Kumele ngihlanganise u-24 no-46.



Nakhu engikwenzayo: ngiqala ngihlanganise u-10. Lokhu kunginika u-56. Bese ngeqa ngiye komunye u-10 ukuze ngifike ku-66. Bese ekugcineni ngeqe izikhathi ezine futhi ukuze ngifike ku-70.

Kuveze emakhadini akho ezinombolo lokhu.

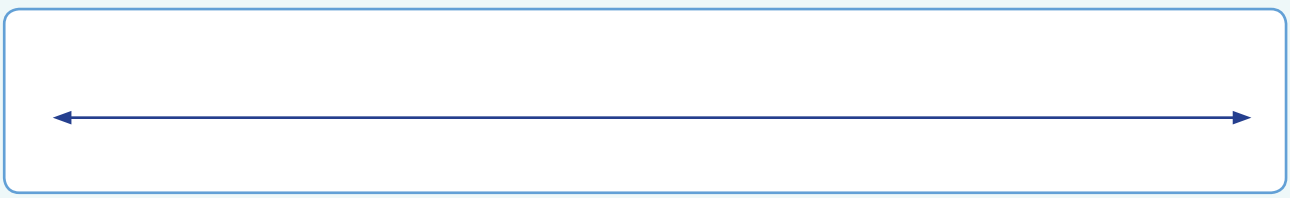
= 46 + 10 + 10 + 4

= 56 + 10 + 4

= 66 + 4

= 70

a. 32 + 25 = ☐

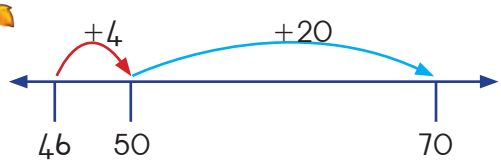




b. $52 + 26 =$ ☐

c. $46 + 25 =$ ☐





Kumele ngihlanganise u-24 no-46.



Nakhu engikwenzayo: okokuqala ngizokweqa okune. Lokho kuzongifikisa ku-50. Ngingeqa okunye okungama-20, bese ngifika ku-70.

Kuveze emakhadini akho ezinombolo.

$= 40 + 10 + 20$

$= 50 + 20$

$= 70$

a. $36 + 41 =$ ☐

Teacher:
Sign:
Date:

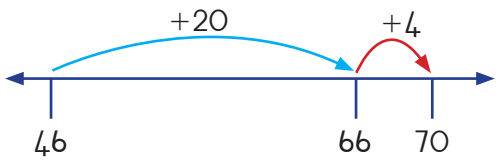
20b



Usuku: _____

b. $57 + 19 =$ ☐





Kumele ngihlanganise u-24 no-46.



Nakhu engikwenzayo: ngisuka ema-**46**, ngingeqa okungama-20. Lokho kungibeka ema-**66**. Manje kumele ngeqe izikhathi ezine ngaphezulu bese ngifinyelela ema-70.

Singawasebenzisa namakhadi ezinombolo.

$= 46 + 20 + 4$

$= 66 + 4$

$= 70$

a. $63 + 24 =$

b. $65 + 29 =$





4 Bangaki olofu?

Imoto yezinkwa iletha olofu abangama -54 abansundu nabangama -68 abamhlophe. Bangaki olofu bebonke?

a. Thola inani eliphelele enombolweni yezinombolo. Lebula umdwebo wakho ngokucacile.

5 Hlanganisa lokhu okulandelayo. Sebenzisa indlela yakho.

38 + 24 =

58 + 17 =

75 + 16 =

83 + 29 =

Teacher:
Sign:
Date:

2Ia



Usuku: _____

Enza isibalo sokususa emgqeni wezinombolo.



Umfundi oyedwa! Irula elilodwa!

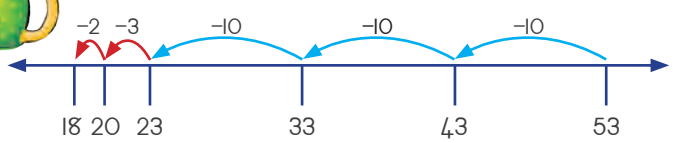
Iklasi lidinga amarula angama -53. Thina sinamarula angama -35 kuphela.

Sidinga amangaki futhi ngaphezulu? 53 – 35 = ☐

Sebenza nophathini

Funda ukuthi abafundi abathathu bawusebenzise kanjani umugqa wezinombolo kulokhu. Qedela izibalo usebenzisa isibonelo.





Kumele ngisuse okuyi -35 kokuyi -53. Ukususa kusho ukuthatha kokunye.



Ngakho -ke, ngizoqala ku -53 bese ngiyasusa. Ngizosusa - 10, 10, 10 – lokho kungibeka ku -23. Manje ukuze ngisuse okuhlanu, ngiqala ngokususa okuthathu, bese ngifika ku -20. Ngisuse okunye okubili bese ngithola u -18. Ngakho -ke sidinga amarula ayi -18.

= 53 – 10 – 10 – 10 – 3 – 2

= 43 – 10 – 10 – 3 – 2

= 33 – 10 – 3 – 2

= 23 – 3 – 2

= 20 – 2

= 18

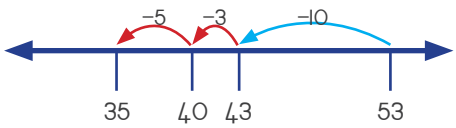


a. $68 - 24 =$ ☐

b. $74 - 38 =$ ☐

c. $92 - 87 =$ ☐





Ukususa kusho ukuthola umehluko phakathi kuka -53 no -35.



Ngizoqala ku -53 ngibale ngehle ngiye ku -35 ukuze ngithole umahluko. Uma ngibala ngiya emuva ngo -10, ngifika ku -43. Ngingabala ngiye emuva kathathu ukuze ngifike ku -40. Bese ngibala ngehle futhi ngokuhlanu ngiye ku -35. Uma ngihlanganisa u -10 no -3 no -5 ngithola u -18. Ngakho -ke sidinga amarula ayi -18.

a. $38 - 14 =$ ☐

Teacher:
Sign:
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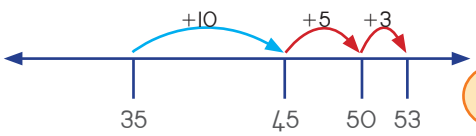
Usuku: _____

b. $65 - 43 =$ ☐

c. $72 - 39 =$ ☐

d. $85 - 48 =$ ☐





Ukususa kusho ukuthola umehluko phakathi kuka -53 no -35.



Ngingaqala ku -35 ngibale ukuthi ngeqa kangaki ukuze ngifike ku -53. Ishumi uma ulihlanganisa nokuhlanu uphinde ulihlanganise nokuthathu kuphuma u -18. Sidinga amarula ayi -18 ngaphezulu.

a. $84 - 32 =$ ☐



b. $96 - 53 =$ ☐

c. $78 - 19 =$ ☐

d. $63 - 47 =$ ☐

Ukuhamba ngetekisi



Uhambo oluya edolobheni ngetekisi lingamakhilomitha angama-65.

Kuze kube manje itekisi lisahambe amakhilomitha angama-38.

Sekusele amakhilomitha amangaki manje?

Sebenzisa umugqa wezinombolo ukuxazulula le nkinga. Ungasusa, ubale uye phezulu noma uye phansi. Lebula okweqile kanye nezinombolo emgqeni wezinombolo.

☐ km

Teacher:
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Date:



Usuku: _____

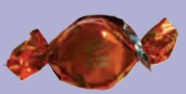
Isikhathi sedili



Qala ngokuhlela!

UBusi ucela abangane bonke ukuthi bamuphe isithombe sokudla abakuthandayo. Nakhu akuqoqile. Kuhlele kahle.



Bala bese uyabhala ukuthi bangaki abangani abakhethe inhlobo yokudla.				
				
Inombolo				





Qedela igraf u yezithombe. Sebenzisa ithebula lakho uma kudingeka. Dweba ubuso (☺) baleyo naleyo ngane ekhetha uhlobo oluthile lokudla noma lwesiphuzo.

☺			
☺			
☺			
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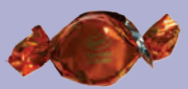
☺			
			

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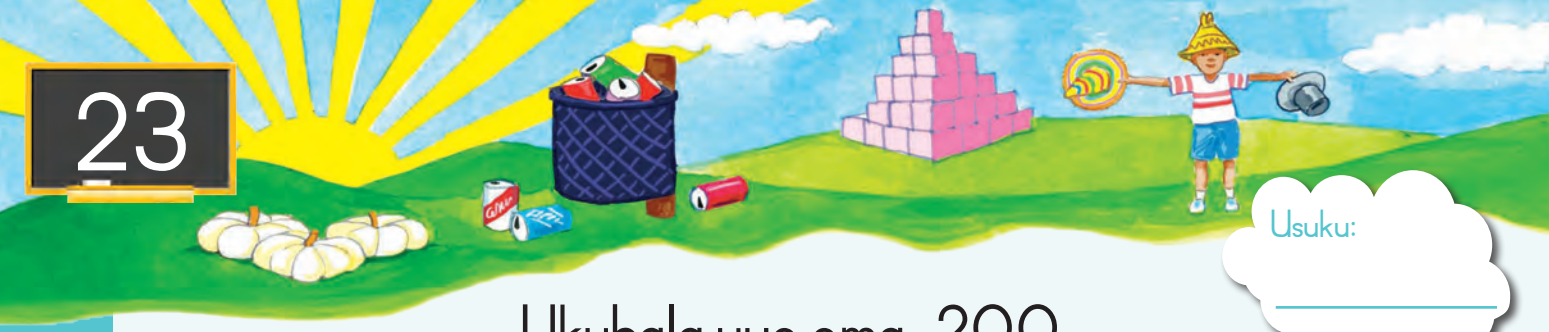
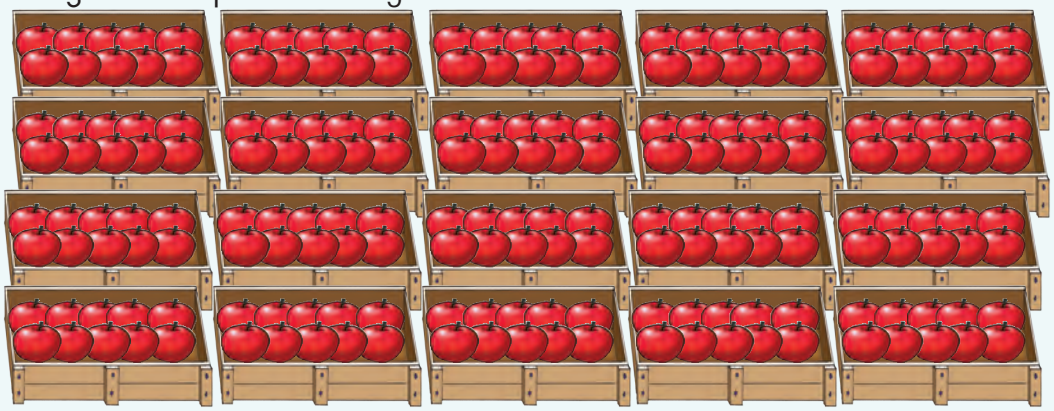


Usuku: _____

Ukubala uye ema-200



Mangaki ama-apula owabonayo?



Gcwalisa izinombolo

I umugqa unebhokisi lama-apula ☐ u-1 unomugqa wama-apula ☐

Umugqa-1 unamabhokisi ☐ 4 wemigqa unama-apula ☐



Mangaki ama-apula esingawapakisha kulawa mabhokisi?

a.  ☐

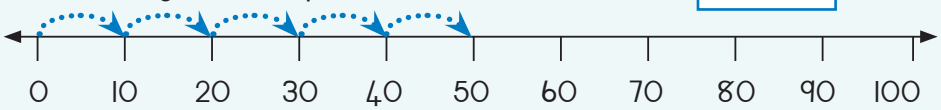
b.  ☐

c.  ☐



Bala manje okusemgqeni wezinombolo.

a. Azoba mangaki ama-apula emabhokisini amahlanu? ☐



b. Azoba mangaki ama-apula emabhokisini ayisikhombisa? ☐







Izinqwaba ezi-3 zama-10 zenza – 3 0 $3 \times 10 =$ 3 0 noma $10 \times 3 =$ 3 0

Izinqwaba ezi-5 zama-10 zenza – ____ × ____ = ____ noma ____ × ____ = ____

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

5 wamapheya ezinyawo
Zingaki izinzwane sezizonke?



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

Enza lezi manje.

Amapheya ama-4 ezinyawo. Zingaki izinzwane sezizonke?

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

Amapheya ama-3 ezinyawo. Zingaki izinzwane sezizonke?

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

Masibale

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

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

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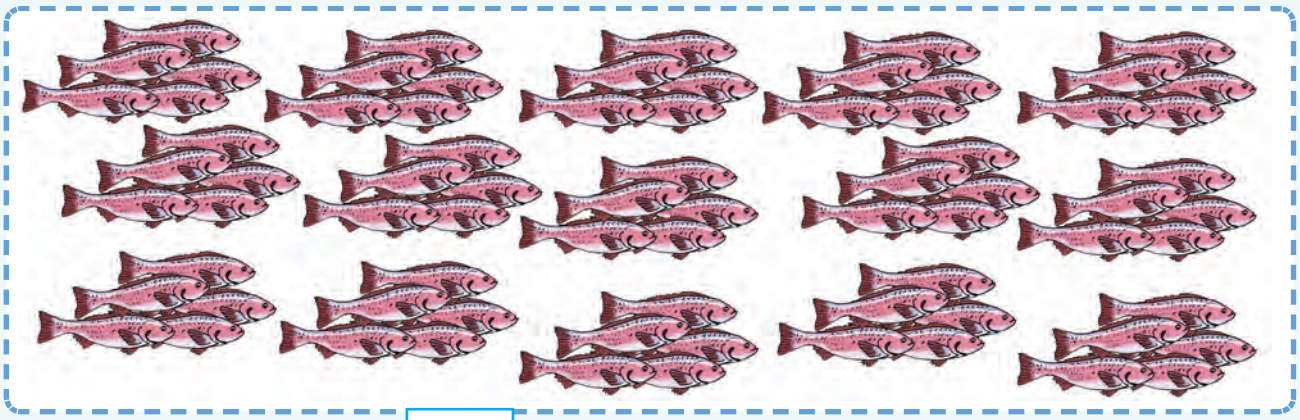
Usuku: _____

Ukuzejwayeza isi-5



Zingaki izinhlanzi? Hlawumbusela



Balal izinhlanzi. Thola isamba.



Bala ngakuhlanu

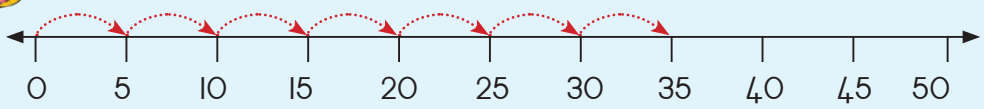
Thola isamba samaqanda enhlanzi. Bhala umusho wezinombolo onezimpawu + kanye no-X. Sikwenzele okokuqala.

Izinhlanzi namaqanda	Mangaki amaqanda esephelele	
Izinhlanzi eziyi-5, inhlanzi ngayinye ibeka amaqanda ama-2	2 + 2 + 2 + 2 + 2 = 10	5 × 2 = 10
Izinhlanzi eziyi-5, inhlanzi ngayinye ibeka amaqanda ama-10		
Izinhlanzi eziyi-5, inhlanzi ngayinye ibeka amaqanda ama-4		
Izinhlanzi eziyi-5, inhlanzi ngayinye ibeka amaqanda ama-3		
Izinhlanzi eziyi-5, inhlanzi ngayinye ibeka amaqanda ayi-6		
Izinhlanzi eziyi-5, inhlanzi ngayinye ibeka amaqanda ayi-8		
Izinhlanzi eziyi-5, inhlanzi ngayinye ibeka amaqanda ayi-5		



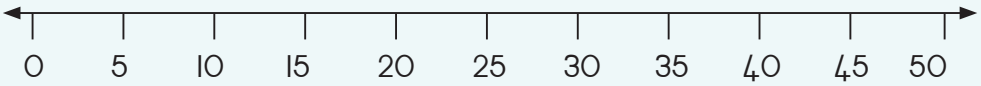


Qedela imigqa yezinombolo



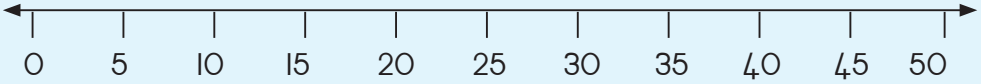
5 + 5 + 5 + 5 + 5 + 5 + 5 = 35 noma 7 × 5 = 35

a.



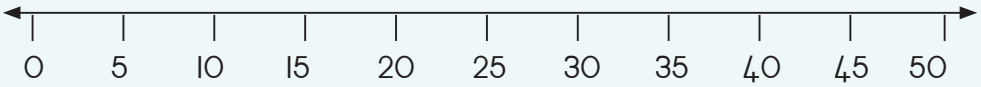
5 + 5 + 5 + 5 = ☐ noma ☐ × ☐ = ☐

b.



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

c.



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



Bamba inhlanzi

USipho ubambe izinhlanzi eziphakathi kwama-40 kanye nama-50. Uzibala ngazimbili bese eba neyodwa esalayo. ☐

Uzibala ngazinhlanu bese kusala ezimbili. ☐ USipho ubambe izinhlanzi ezingaki?

Teacher:
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Date:





Usuku: _____

Bala ngakubili



Bala amasokisi



a. Mangaki amapheya amasokisi? _____

b. Mangaki amasokisi akhona? _____

c. Akhona amasokisi asele? _____



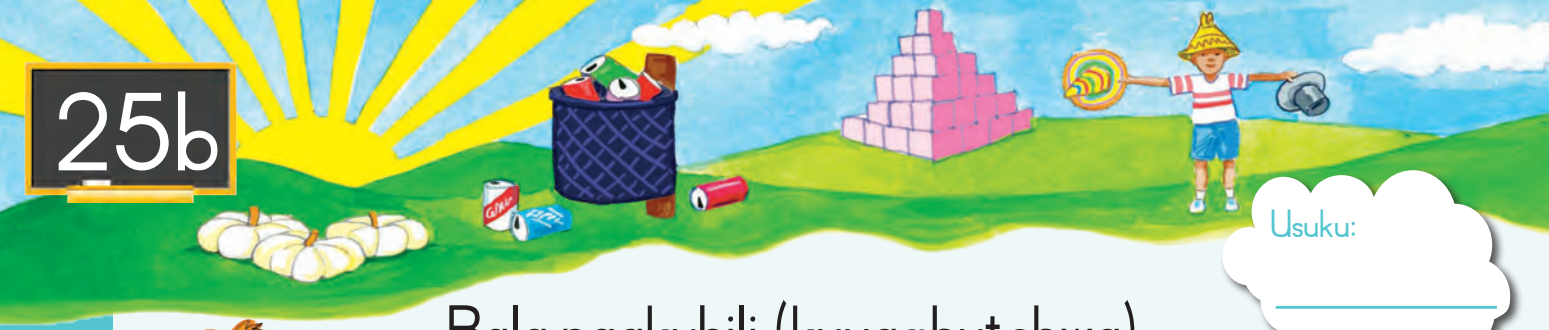


Sibala amapheya amasokisi

Bhala ukuthi mangaki amapheya amasokisi akhona bese usho ukuthi mangaki asele.

Amasokisi	Inani lamapheya	Inani lamasokisi	Amasokisi asele ahamba ngalinye
			
			
			
			
			

Teacher:
Sign:
Date:



25b

Usuku: _____

Bala ngakubili (kuyaqhutshwa)



Ukwakha amapheya. Landela isibonelo.

Bhala izinombolo ezingelona ugweje zisukele e -0 – 60.

a. Bhala phansi izinombolo ezingelona ugweje ezisuka ku -1 -40.

2, 4, 6, _____

_____

b. Bhala phansi izinombolo eziwugweje ezisuka ku -1 -40.

3, 5, 7, _____

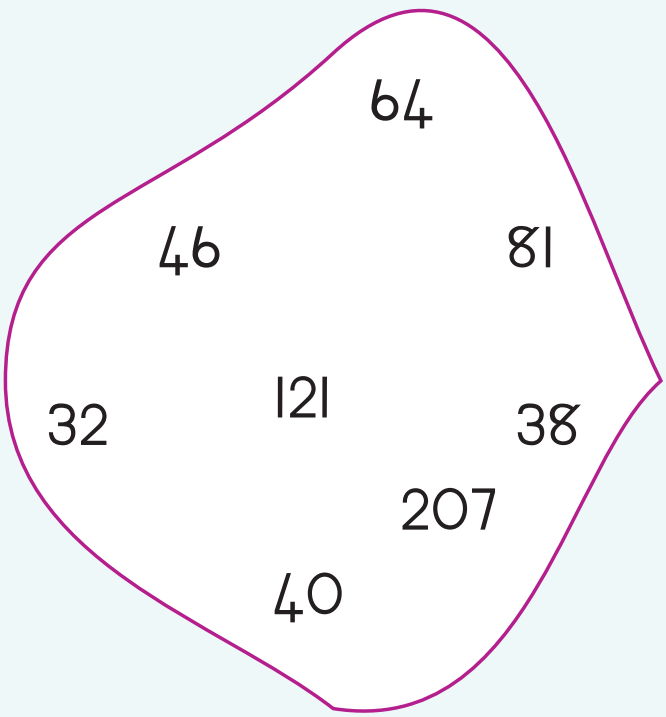
_____



Ugweje nokungelona

Zungelelzela izinombolo ezingelona ugweje.

Dweba isikwele ezinombolweni eziwugweje.







Ukusuka emapheyeni kuya emasokisini

Isibonelo:

2 wamasokisi = 1 ipheya 

$2 \times 1 = 2$

20 wamasokisi = 10 wamapheya

$2 \times 10 = 20$

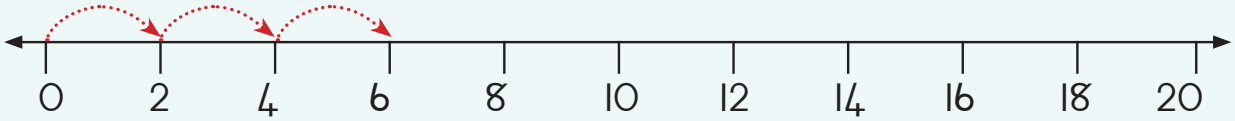
Bhala ukuthi mangaki amasokisi.

Cabanga ngezinto ezihamba nga -2	Imisho yezinombolo
ipheya eli -1 = amasokisi ama -2	2 × 1 = 2
2 amapheya = amasokisi ama -_____	2 × 2 =
4 amapheya = amasokisi ama -_____	
8 amapheya = amasokisi ama -_____	
9 amapheya = amasokisi ama -_____	

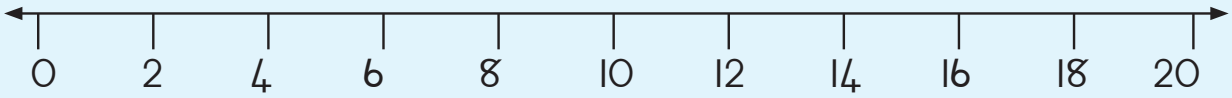
Qedela imigqa yezinombolo.

Isibonelo:

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



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



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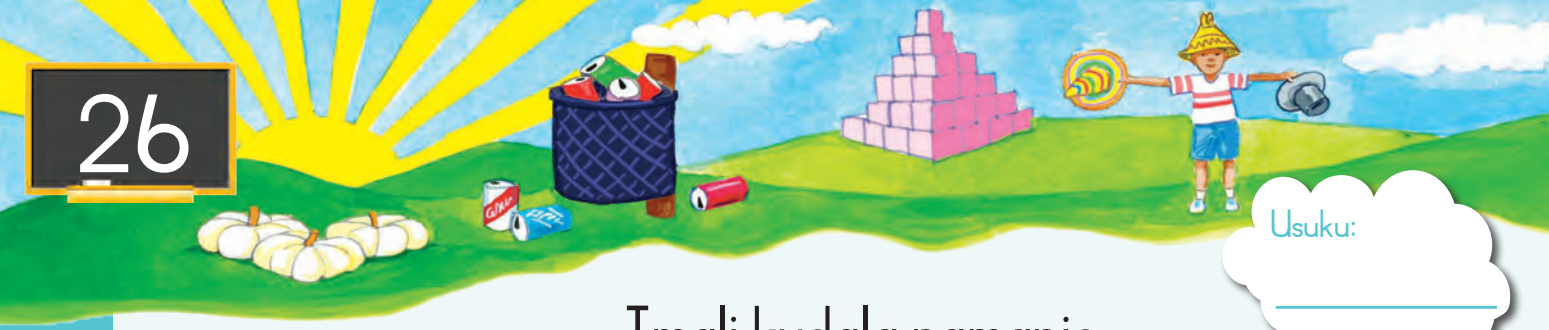


26

Usuku: _____

Imali kudala namanje



Indaba yemali yethu

ENingizimu Afrika sisebenzisa amarandi namasenti njengemali yethu. Saqala ukusebenzisa amarandi namasenti ngonyaka we -1961.

Ngalezo zinsuku uhlamvu lwemali lwesenti elilodwa lalilincane, kuze olwamasenti amabili bese kuza olwamasenti amahlanu.





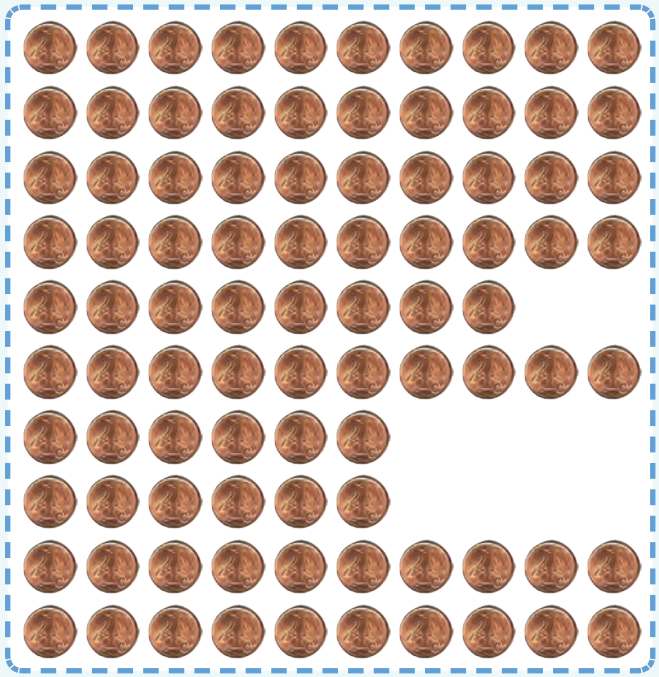






Bala amasenti

Yenza ishumi RI. Bala amasenti.
Mangaki amasenti akhona?



Udinga amangaki ngaphezulu ukwenza ishumi RI,00?

Adwebe.



Mangaki amasenti?

RI,00 =		c	R2,00 =		c
R3,00 =		c	RI,50 =		c



Sibiza malini isithelo?

2  kubiza u-R4,00.

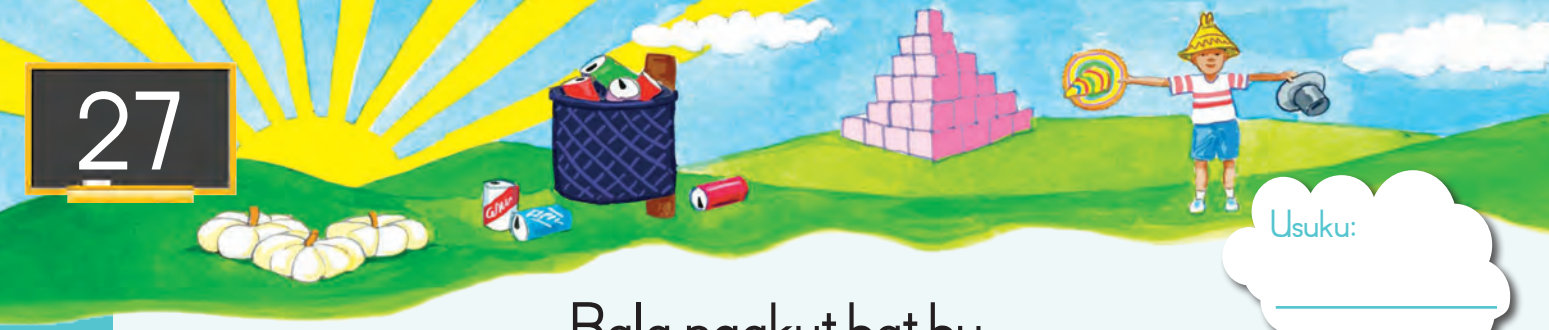
2  kubiza u-R2,00.

Bangaki obhanana ngo-R20,00?

Mangaki ama-apula ngo-R9,00?

Teacher:
Sign:
Date:





Usuku: _____

Bala ngakuthathu



Amasondo ngamathathu



Ibhayisikili elimasondo mathathu elilodwa linomasondo ama _____.

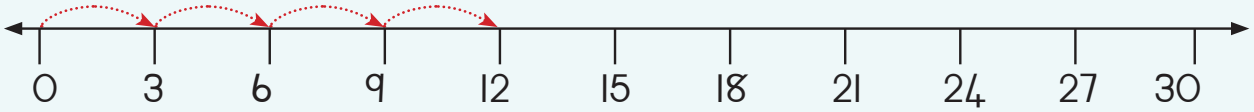


Uma amabhayisikili anamasondo ama-3 ema-5 amasondo esewonke _____	$3 + 3 + 3 + 3 + 3 = 5 \times 3 =$ _____
Uma amabhayisikili anamasondo ama-3 ema-2 amasondo esewonke _____	$3 + 3 = 2 \times 3 =$ _____
Uma amabhayisikili anamasondo ama-3 ema-4 amasondo esewonke _____	
Uma amabhayisikili anamasondo ama-3 eyi-6 amasondo esewonke _____	
Uma amabhayisikili anamasondo ama-3 eyi-9 amasondo esewonke _____	
Uma amabhayisikili anamasondo ama-3 eyi-8 amasondo esewonke _____	



Imigqa yezinombolo

Enza okwenziwe esibonelweni.

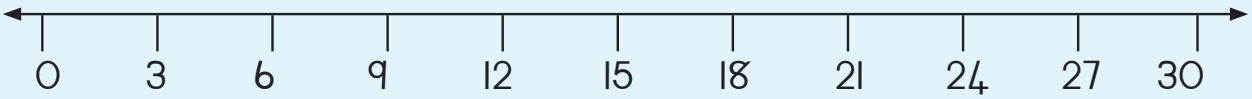


a. $3 + 3 + 3 + 3 =$ ☐ $= 4 \times 3 =$ ☐



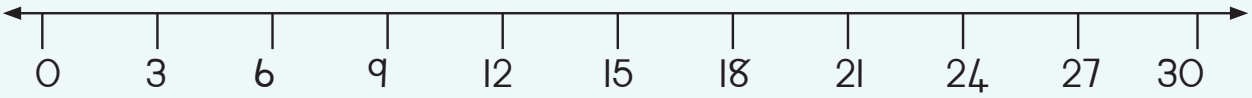


b.



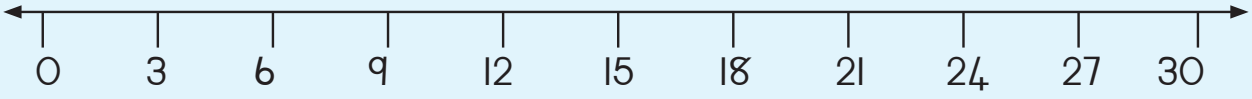
$3 + 3 + 3 + 3 + 3 = \square = \square \times \square = \square$

c.



$\_\_\_\_\_ = \square = 6 \times 3 = \square$

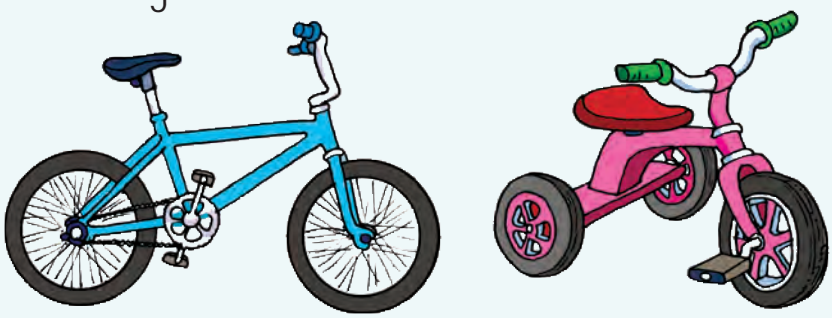
d.



$\_\_\_\_\_ = \square = 10 \times 3 = \square$



Amabhayisikili awomasondomathathu



Esitolo samabhayisikili uBusi ubale amasondo amabhayisikili awomasondomathathu. Kukhona amasondo ayi-14 uma ewonke.

Mangaki amabhayisikili alapho? _____
Bangaki masondomathathu? _____

Teacher:
Sign:
Date:





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Usuku: _____

Yikuphi okuhamba ngakune?



Imilenze emine

Amaqiniso ezinye izinombolo ezine ...
4 + 4 = 8; 2 × 4 = 8



Imilenze yezinkomo ihamba ngamine.

Yikuphi okunye okuhamba ngakune? _____



Bala imilenze

Bonisanani ngezimpendulo chazani ukuthi nibale kanjani.

Sebenzisa amaqiniso owaziyo ngoku-4 ukuphendula le mibuzo.

1		4 imilenze	2 izinkomo		8 imilenze
3		imilenze	4 izinkomo		imilenze
5		imilenze	6 izinkomo		imilenze
7		imilenze	8 izinkomo		imilenze
9		imilenze	10 izinkomo		imilenze





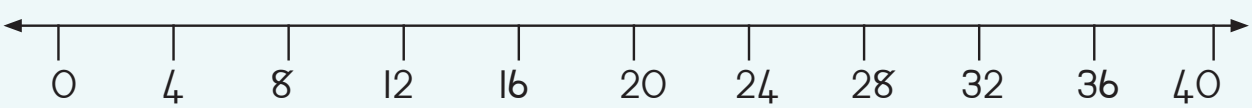
Izinkomo ezi-3 zinemilenze eyi-_____.	$4 + 4 + 4 = 4 \times 3 =$ 12
Izinkomo ezi-5 zinemilenze engama-_____.	
Izinkomo ezi-4 zinemilenze eyi-_____.	
Izinkomo ezi-7 zinemilenze engama-_____.	
Izinkomo ezi-8 zinemilenze engama-_____.	



Imigqa yezinombolo

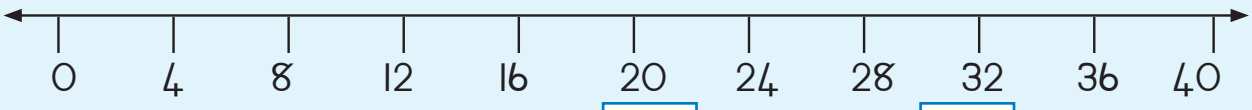
Enza okwenziwe esibonelweni.

a.



_____ = ☐ = $5 \times 4 =$ ☐

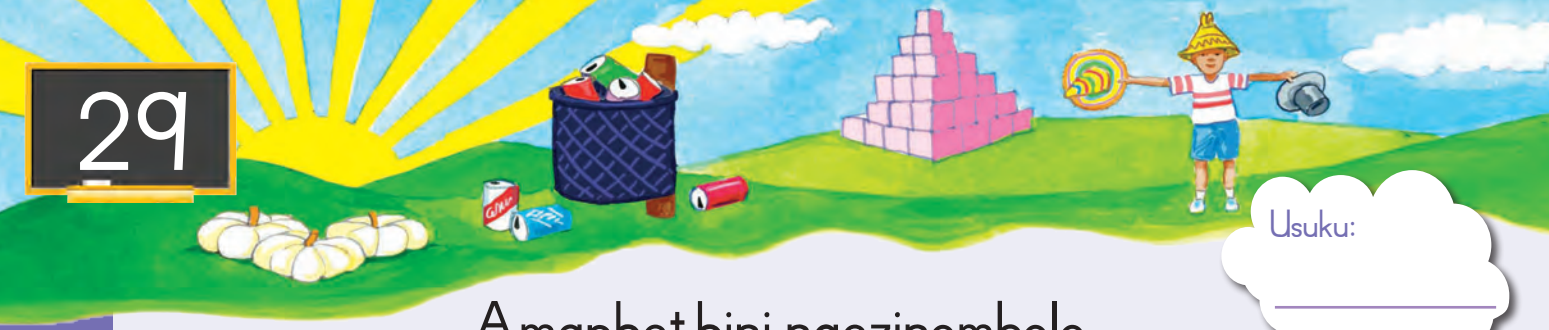
b.



_____ = ☐ = $9 \times 4 =$ ☐

Teacher:
Sign:
Date:





Usuku: _____

Amaphethini ngezinombolo



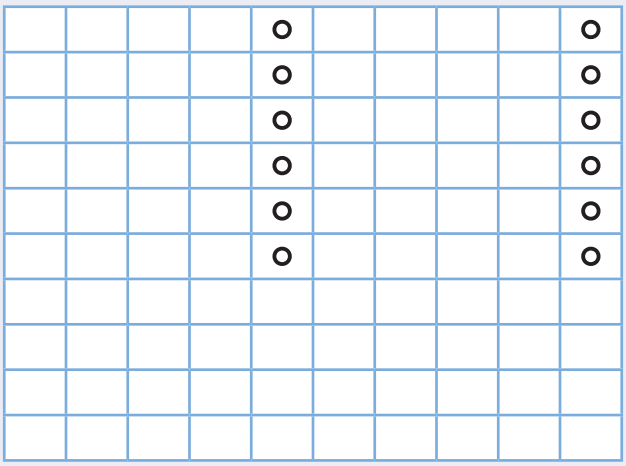
Iphethini yegridi

Izindingiliza ezikugridi ngayinye ye-100 ikhombisa yiphi iphethini?

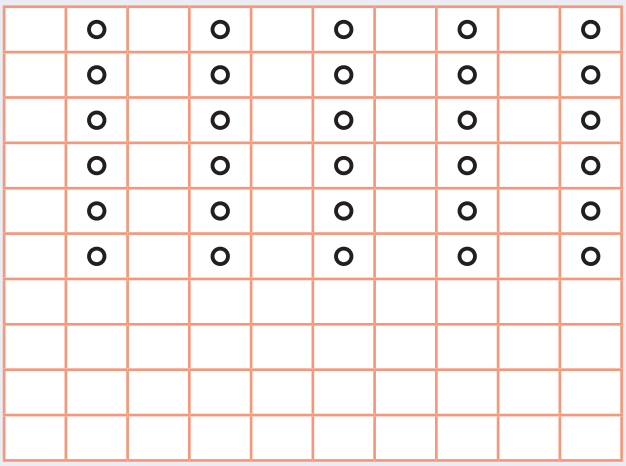
Dweba ezinye izindilinga ukuqedela iphethini ngayinye.

Bhala igama lephethini ngalinye.

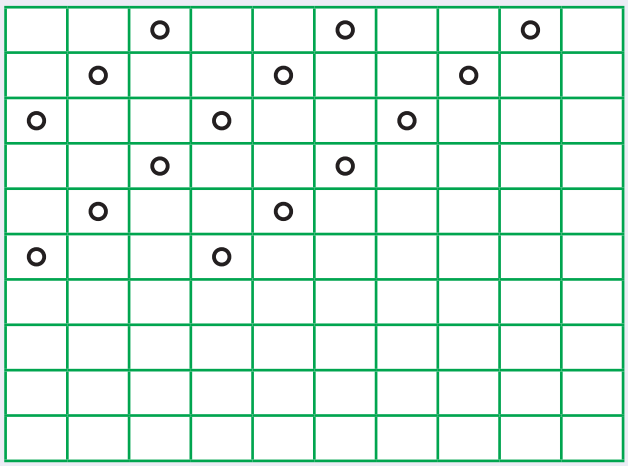
a. Iphethini: _____



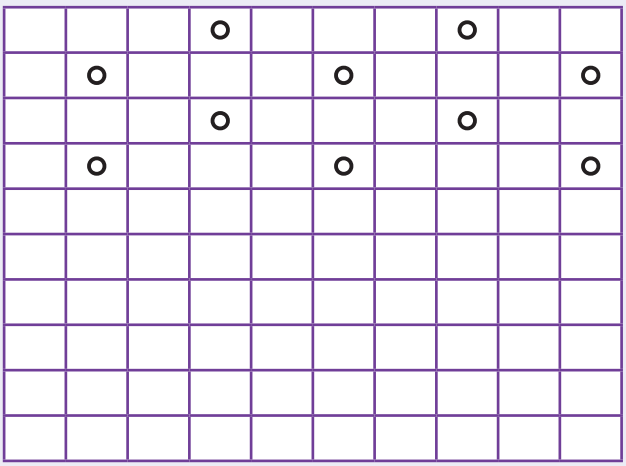
b. Iphethini: _____



c. Iphethini: _____



d. Iphethini: _____





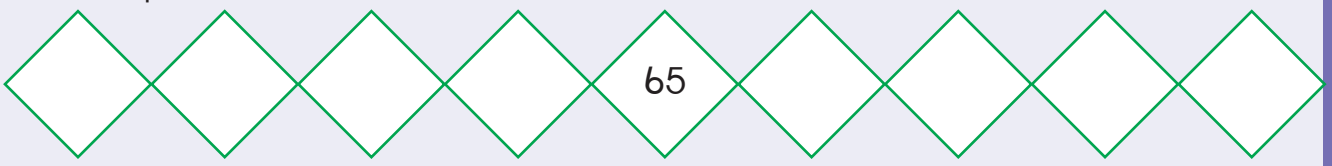


Zenzele amaphethini akho

a. Kule phethini yezinombolo zonke izinombolo ziphelele. Kungaba yiziphi ezinye izinombolo? Zibhale phansi.



b. Kule phethini yezinombolo zonke izinombolo zilugweje. Kungaba yiziphi ezinye izinombolo? Zibhale phansi.





Zingena ngakuphi?



Amaphethini o-3 kanye no- 4	Amaphethini o-3 kanye no- 5	Amaphethini o-4 kanye no- 5
isb: 48		



Olwandle

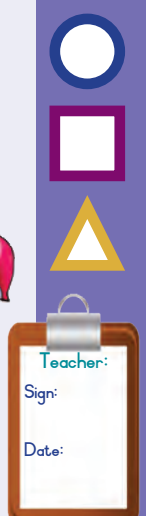
UThembi uqoqe amagobolondo asolwandle aphakathi kwangama-60 kanye nangama-70. Uwabala ngamathathu, usele neyodwa. Uwabala ngamahlanu, usala namane.

UTumi unamagobolondo amangaki?

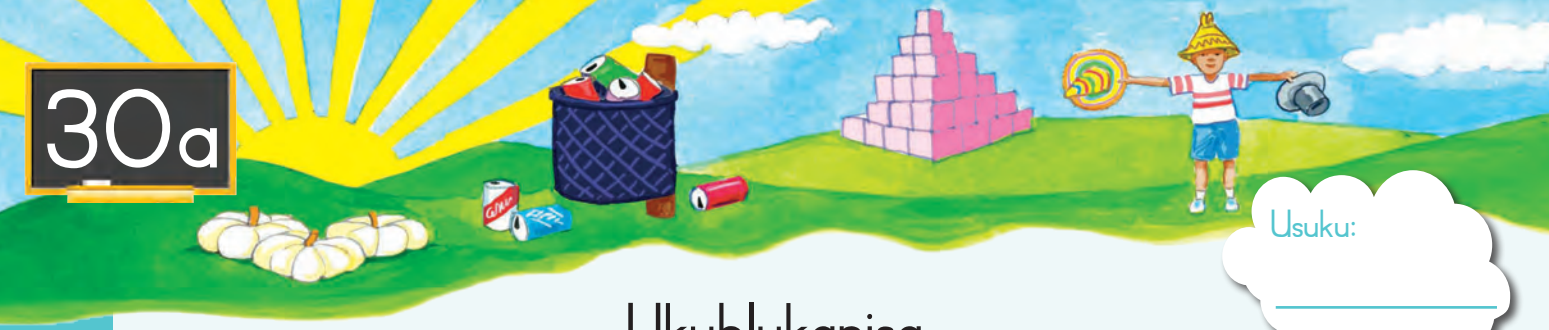
_____

_____









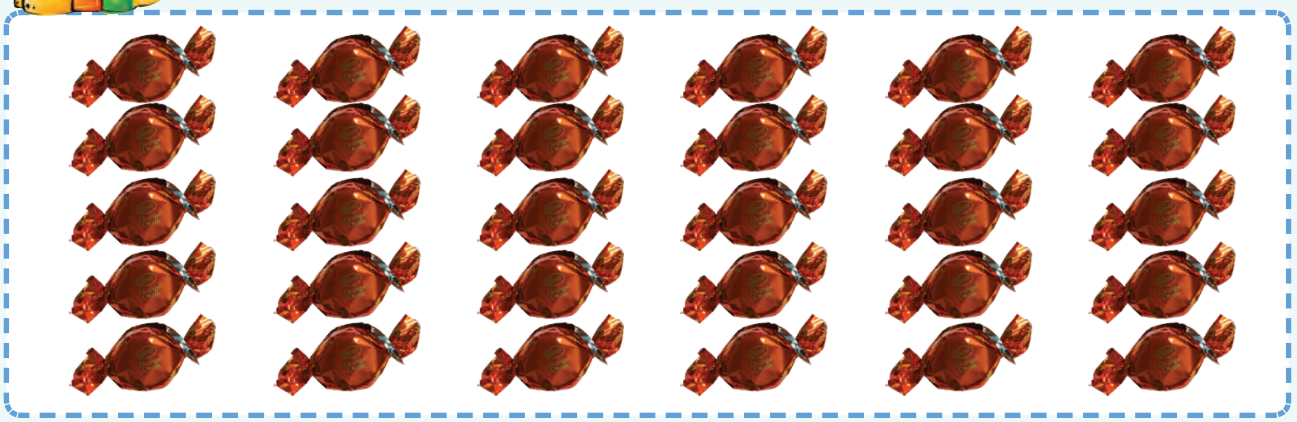
30a

Usuku: _____

Ukuhlukanisa



Aba amaswidi:



a. Abela izingane ezi-2 amaswidi angama-30.



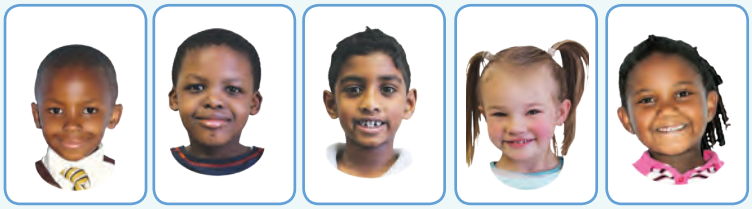
Lokhu sikubhala kanje 30 ÷ 2 = 15

b. Abela izingane ezi-3 amaswidi.



÷ =

c. Abela izingane ezi-5 amaswidi.

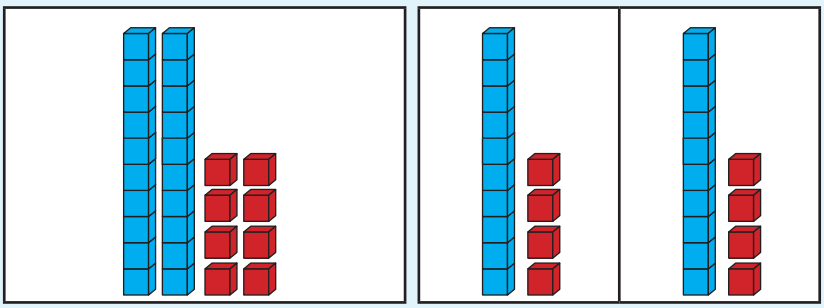


÷ =





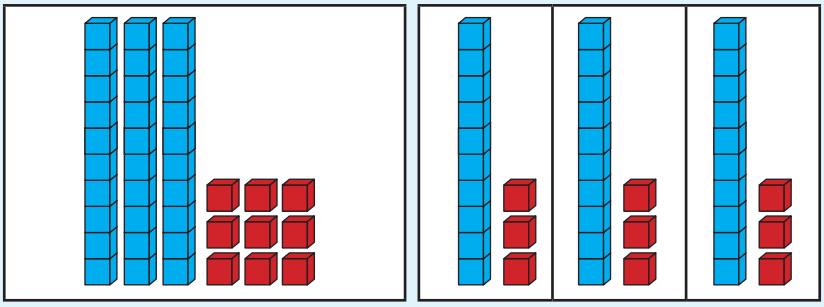
Singasebenzisa amabhuloki ezinombolo ukwenza izibalo zokuhlukanisa.



2 8 ÷ 2 = 1 4

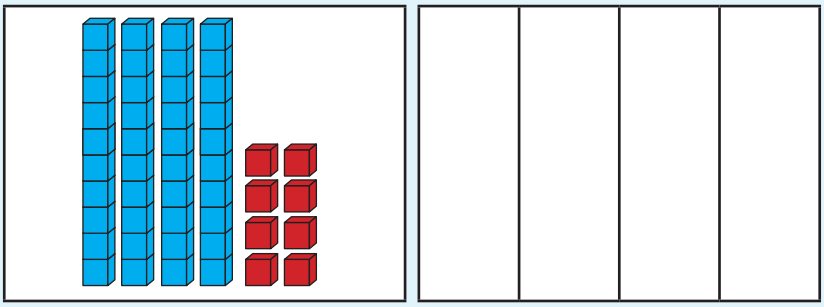
Enza lezi manje.

a.



÷ 3 =

b.



÷ 4 =

Teacher:
Sign:
Date:



1 12 13 14 15 16 17 18 19 20

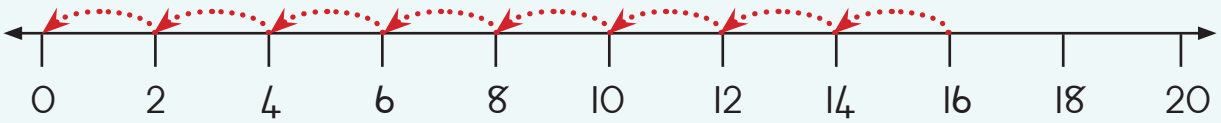
30b



Usuku: _____



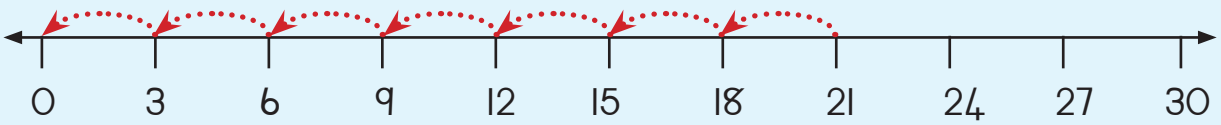
Sebenzisa umugqa wezinombolo ukubhala umusho wezinombolo ezinokususa nokuhlukanisa.



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

16 ÷ 2 = 8

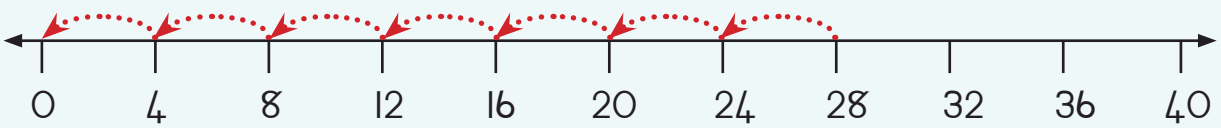
a.



21 – _____

☐ ÷ ☐ =

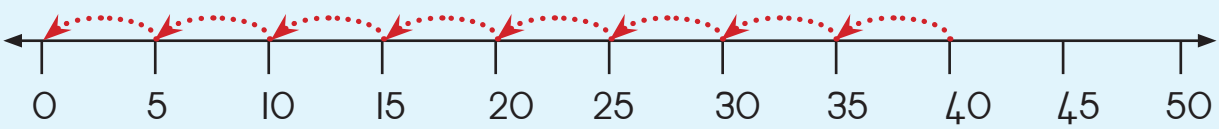
b.



28 – _____

☐ ÷ ☐ =

c.



___ – _____

☐ ÷ ☐ =





Dweba umugqa wezinombolo uwuxazulule.

a. 30 ÷ 5 =

b. 22 ÷ 2 =

c. 27 ÷ 3 =

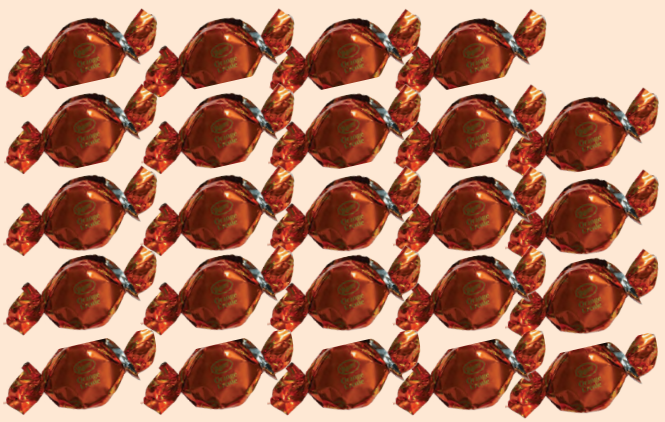
d. 32 ÷ 4 =

e. 25 ÷ 5 =

Inselele

Khombisa nagzo zonke izindlela onazo ukuthi ungawahlukanisa kanjani amaswidi angama-24 unike izingane alinganayo ngamaqembu azo.

Bhala umusho wesinombolo ukukhombisa impendulo yakho.



Teacher:
Sign:
Date:



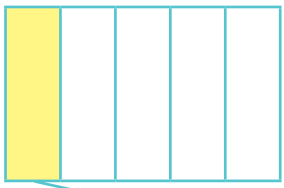


Usuku: _____

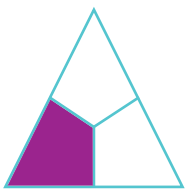
Amaqhezu



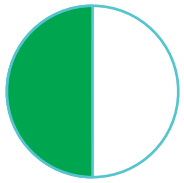
Qondanisa umumo neqhezu.



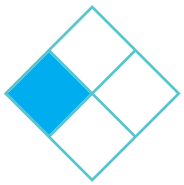
$\frac{1}{3}$ Okwesithathu



$\frac{1}{5}$ Okwesihlanu



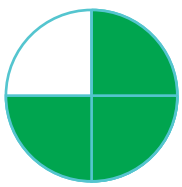
$\frac{1}{4}$ Ikota



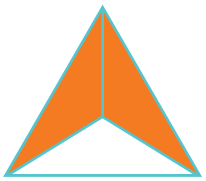
$\frac{1}{2}$ Uhhafu



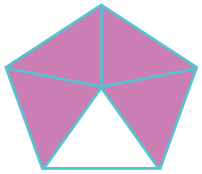
$\frac{3}{4}$ Amakota amathathu



$\frac{4}{5}$ Okune kokwesihlanu

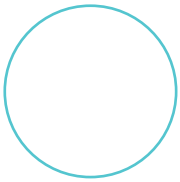


1 Okuphelele okukodwa

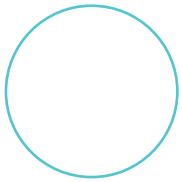


$\frac{2}{3}$ Okubili kokwesithathu

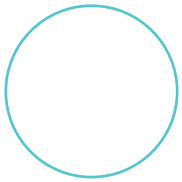
Hlukanisa bese ufaka umbala:



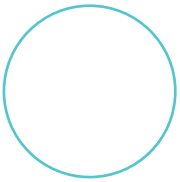
$\frac{1}{2}$ Uhhafu



$\frac{1}{3}$ Okwesithathu

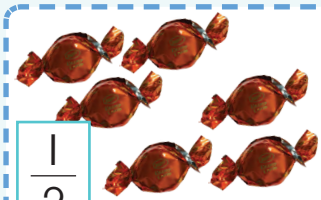


$\frac{1}{4}$ Ikota

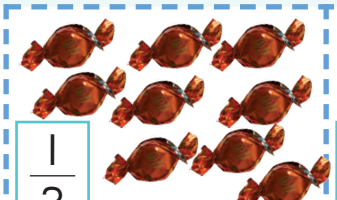


$\frac{1}{5}$ Okwesihlanu

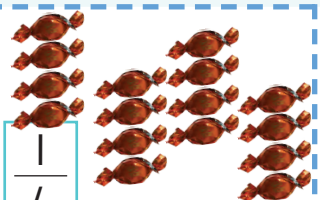
Veza amaswidi a _____:



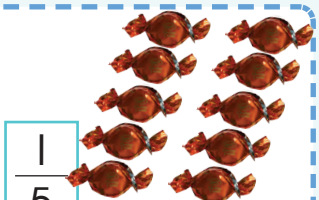
$\frac{1}{2}$ Uhhafu



$\frac{1}{3}$ Okwesithathu



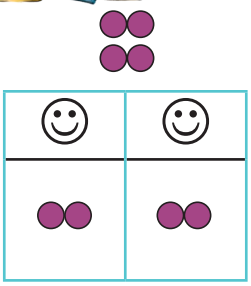
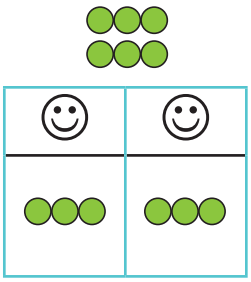
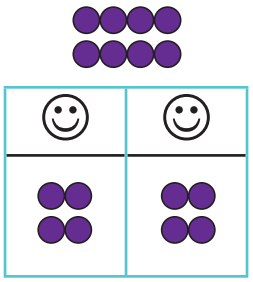
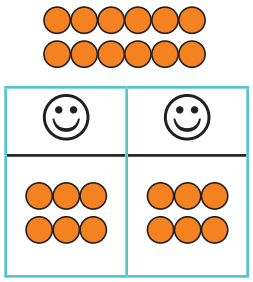
$\frac{1}{4}$ Ikota



$\frac{1}{5}$ Okwesihlanu

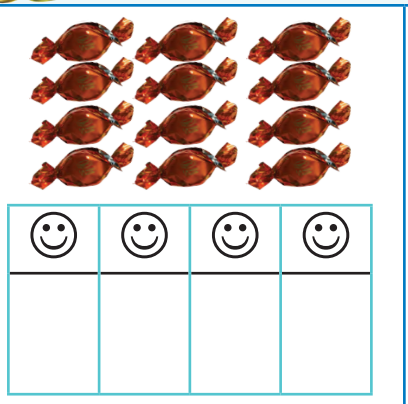
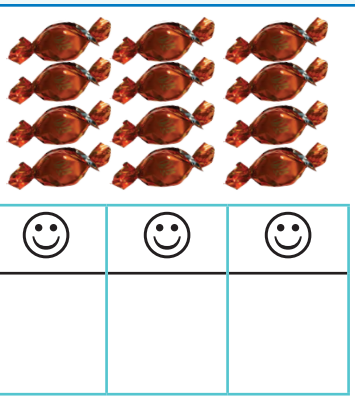
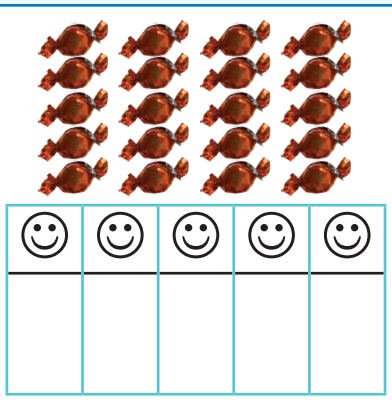


Abela abantwana ababili okokubala.

			
• Sithole okokubala oku - 2 umuntu ngamunye. • U - $\frac{1}{2}$ wezinto ezi - 4 zokubala ngu - 2.	• Sithole okokubala oku - ___ umuntu ngamunye. • U - ___ wezinto ezi - ___ zokubala ngu - ___.	• Sithole okokubala oku - ___ umuntu ngamunye. • U - ___ wezinto ezi - ___ zokubala ngu - ___.	• Sithole okokubala oku - ___ umuntu ngamunye. • U - ___ wezinto ezi - ___ zokubala ngu - ___.
4 ÷ 2 = 2	___ ÷ ___ = ___	___ ÷ ___ = ___	___ ÷ ___ = ___



Abela izingane amaswidi.

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







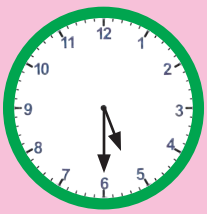
Usuku: _____

Sekuyisikhathi

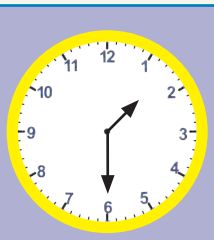
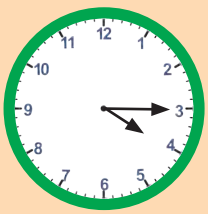


Ukwazi iwashi

Singabhala isikhathi esifanayo ngezindlela ezahlukene.

		
2:15 imizuzu eyishumi nanhlanu emva kwehora lesibili	5:30 ligamenxe ihora lesihlanu	9:45 imizuzu eyishumi nanhlanu ngaphambi kwehora leshumi

Bhala lokhu ngezindlela ezahlukene.

		
_____ _____	_____ _____	_____ _____



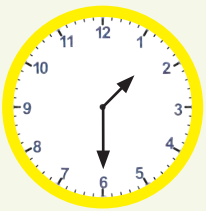


Ukuya ekhaya

UBen uthatha isikhathi esingakanani ukufika ekhaya?

_____ imizuzu

_____ amahora



UBen uphuma esikoleni.



UBen ufika ekhaya.



Isikhathi siyagijima

Isikhathi uma ubala ngakubili...



Kungaki ...

imizuzu emahoreni amabili? _____

amahora ezinsukwini ezimbili? _____

izinsuku emasontweni amabili? _____

izinyanga eminyakeni emibili? _____



Zingaki izinsuku?

UMbasa

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

UNhlaba

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

UNhlangulana

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

Umhlaka -27 kuMbasa uSuku lweNkululeko.
Umhlaka -16 kuNhlangulana uSuku lweNtsha.

a. Kusukela oSukwini lweNkululeko kuya oSukwini lweNtsha kukhona _____ izinyanga ezigcwele, _____ amasonto agcwele kanye _____ izinsuku.

b. Mangaki amasonto uma esephelele? _____ Zingaki izinsuku ezisele? _____.
Zingaki izinsuku uma ziphelele? _____.

c. Usuku lukaLebo lokuzalwa lusezinsukwini eziyi -7 ngaphambi koSuku lweNkululeko.

Hlola. Qhathanisa. Lungisa.

Usuku lukaMusa lokuzalwa lusezinsukwini ezimbili emva koSuku lweNtsha.

Ubani omdala? _____ Ngezinsuku ezingaki? _____

Teacher:
Sign:
Date:



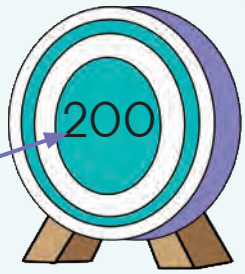


Usuku: _____

Finyelela ema-200



Bala izinombolo



Bala bese usho zonke izinombolo kusukela ku-101 kuya ku-200.
Khomba ngesikhathi uqhubeka.



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



Bhala izinombolo

a. Bhala izinombolo ezingekho esikweleni esiluhlaza ngasinye.

b. Fakela ezinye izinombolo.

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

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





3 Gcwalisa 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 uzilandelanise zisuke kwencane kakhulu ziye kwenkulu kakhulu.

_____

_____

_____

_____

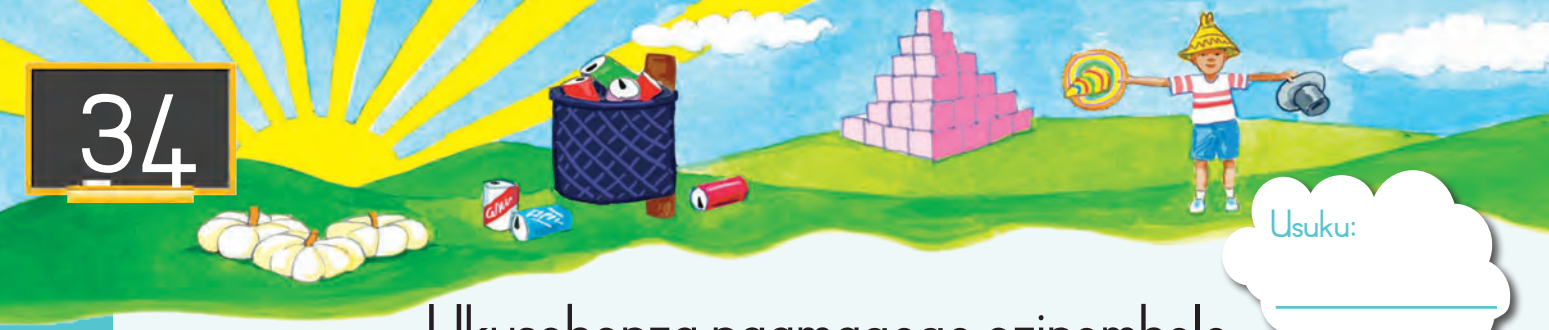
5 Ukubala usuke e-100

Thola ukuthi uzofinyelela kanjani enombolweni elandelayo.

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

Teacher:
Sign:
Date:





Usuku: _____

Ukusebenza ngamaqoqo ezinombolo



Ukupakisha amakhandlela

UMaNkosi usebenza embonini yamakhandlela.
Uma amakhandlela eselungile, uwapakisha njengalawa asemathreyini umakesini.

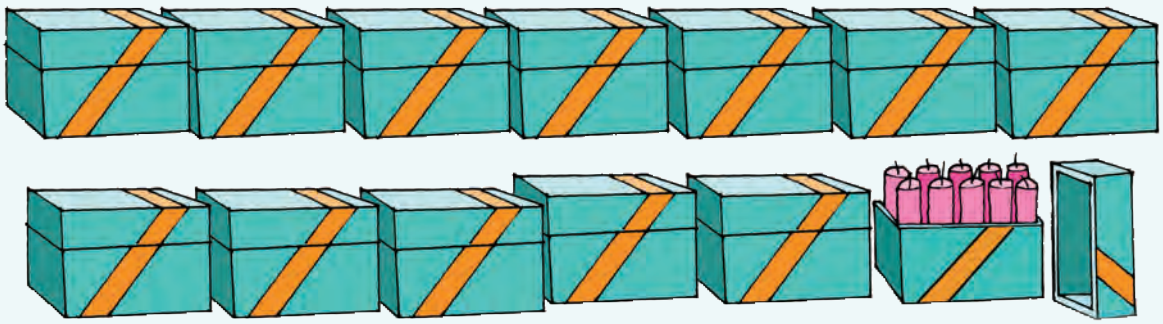


Mangaki amakhandlela ethreyini ngalinye? _____
Mangaki amathreyi ekesini ngalinye? _____
Mangaki ama-apula ekesini ngalinye? _____



Amabhokisi amakhandlela

UMama uNkosi uvala amabhokisi.



a. Wabale wonke amabhokisi.

Mangaki? _____
Mangaki amakhandlela esewonke? _____
Kudingeka amabhokisi amangaki ukwenza amakhandlela angama-200? _____

b. Mangaki amakhandlela kulokhu ...

Amabhokisi angama-2, _____	Amabhokisi ma-4, _____
Amabhokisi angama-5, _____	Amabhokisi ma-3, _____
Amabhokisi angama-6, _____	Amabhokisi ayisi-7, _____

c. Mangaki amabhokisi azowadingela lokhu:

angama-40, _____ amabhokisi	angama-70, ____ amabhokisi
angama-50, _____ amabhokisi	angama-30, ____ amabhokisi

Teacher:
Sign:
Date:



35a

Usuku: _____

Ukubeka amashumi ndawonye kanye nokuwahlukanisa



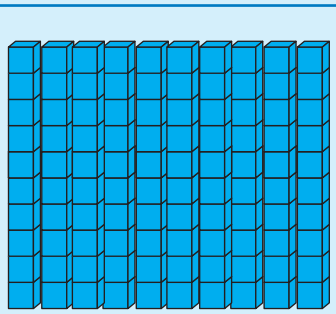
Ukubeka amashumi ndawonye uma sihlanganisa nama-999

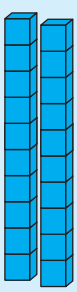
Masihlanganise 56 + 73 =			
	Amashumi amahlanu kanye nemivo eyisithupha	+	Amashumi ayisikhombisa kanye nemivo emithathu

100s	10s	1s

Ndawonye sinamashumi ayishumi nambili.

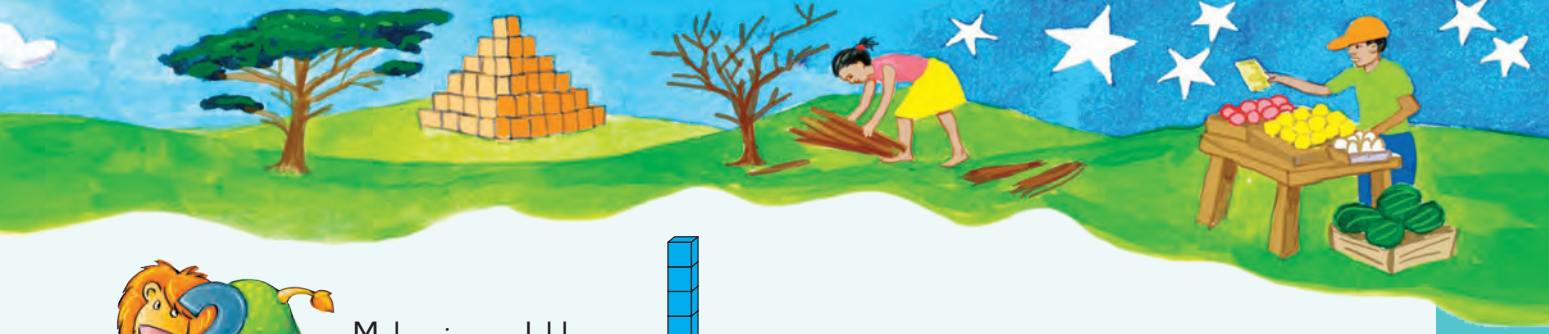
Singabeka amashumi ndawonye senze ikhulu.



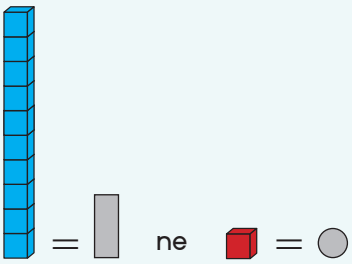






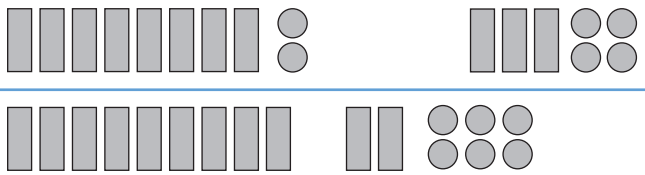


Make sizame lokhu.



Isibonelo: 82 + 34

= ne =



100 + 20 + 6 = 126

b. 65 + 52

c. 76 + 63

d. 86 + 65

Teacher:

Sign:

Date:

35b



Usuku: _____

Beka amaqembu ndawonye

Sebenzisa amabhokisi akho okubeka inani.

Sebenzisa amabhloki akho okubeka inani ukwenza lezi zinombolo ezimbili.	Zindawonye mangaki amashumi? Mingaki imivo?	Uwabeke ngamaqoqo amashumi noma imivo? Hlola inani lendawo lapho ophinde wabeka khona ngamaqoqo.	Bhala izinombolo.
23 + 99 =	_____ amashumi _____ imivo	11 imivo + 12 ishumi = 110 + 12	122
38 + 25 =	_____ amashumi _____ imivo		
77 + 31 =	_____ amashumi _____ imivo		
68 + 45 =	_____ amashumi _____ imivo		
83 + 47 =	_____ amashumi _____ imivo		

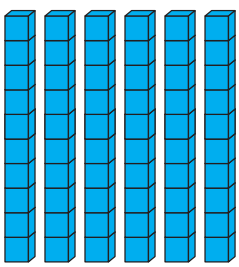
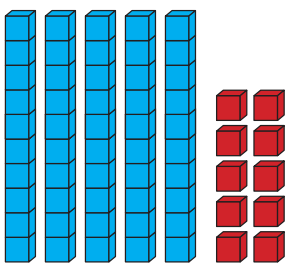
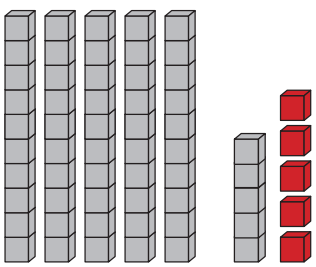


Ukususa amashumi uma sisusa

Uma sisusa, kwesinye isikhathi kumele sikhombise ishumi elilodwa njengemivo eyishumi nanye, noma ikhulu elilodwa njengamashumi ayishumi.

Siyasusa: 60 – 55 =

Sizoqala ngamashumi ayisithupha angenamivo. Sifuna ukususa amashumi amahlanu anemivo emihlanu (Lawo mashumi esizowathatha sizowafaka umbala ompunga).

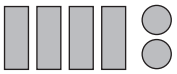
		
Simelwe ukukhombisa amashumi ayisithupha kanje:	Kumbe amashumi amahlanu kanye nemivo eyishumi.	Susa amashumi amahlanu nemivo emihlanu. Kusala imivo emihlanu.
		60 – 55 = 5





Make sizame.

a. 70 – 28

			
7 amashini	6 amashumi, 10 imivo	70 – 28 =	42

b. 90 – 46

c. 80 – 53



Siwathola kanjani amapheya ezinombolo

a.

200	
30	

b.

200	
70	

c.

200	
	105

d.

200	
85	

Teacher:
Sign:
Date:





Usuku: _____

Ukuvakashela udokotela wamazinyo



Iqembu lezingane livakashela udokotela wamazinyo.



Lokhu yilokhu izingane ezimtshele kona.  = 1 kanye

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

a. Bala amathikhi (✓) akhombisa ukuthi izingane ziwaxubha kangaki amazinyo. Bhala phansi izinombolo.

 Kanye ngosuku	
 Kabili ngosuku	
 Kathathu ngosuku	

b. Yikuphi ongakusho?

Izingane eziningi zixubha izikhathi ezi _____ ngosuku.
Izingane zi _____ egenjini.



1 2 3 4 5 6 7 8 9 10





Dweba igrafu yezithombe ukhombise ukuthi izingane ziwaxubha kangaki amazinyo ngosuku.

 = Kanye ngosuku



Enza inhlolovo eklasini lakho. Abuza abantwana abayi-15 – 20 ukuthi:

a. Bawaxubha kangaki amazinyo ngosuku? _____

b. Dweba igrafu yezithombe efana nengenhla ukhombise kuyo okutholile.

Teacher:
Sign:
Date:





37a

Usuku:

Hlanganisa bese uqoqela ndawonye

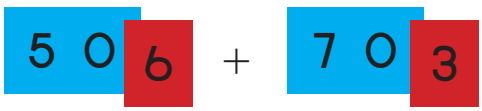


Bhala isibalo sakho



UBusi angahlanganisa imivo namashumi aphinde akubeke kabusha ngamaqoqo. Angahlanganisa aphinde asuse ephepheni, ngaphandle kokusebenzisa amabhokisi. Kwesinye isikhathi uthanda ukuqala ngamakhadi ezinombolo ukukhombisa izinombolo.

Ngakho-ke ngesibalo sika- 56 I 73, uthola lawa makhadi:



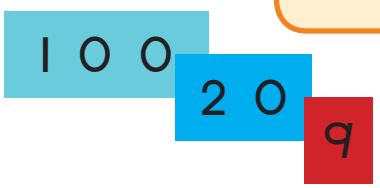
Ukubhala kanje:
50 + 70 + 6 + 3
= 50 + 70 + 9
= 120 + 9
= 100 + 20 + 9
= 129

Uhlanganisa imivo bese ebeka phansi ikhadi lika-9.



Uyazi ukuthi: 50 + 70 = 120.

Uthatha ikhulu, amashumi amabili kanye nekhadi lika-9



ukwenza inombolo enezinombolo ezintathu.



UDumi uyazi ukuthi asebenza kanjani amabhuloki. Uhlanganisa ama-56 + 73 kanje:

50 + 6 + 70 + 3

120 + 9

= 129



U-Aakar usondezela kanje.
Lokhu ukwenza kanje:
56 + 73
= 50 + 70 + 10 – 1
= 130 – 1 = 129





Zizamele wena -ke manje. Kwenze ngezindlela ezimbili ngakunye.





a. 86 + 62

Indlela kaBusi

80 + 60 + 6 + 2

Indlela ka -Akaar

80 + 6 + 60 + 2

b. 72 + 63

c. 81 + 57

d. 69 + 71

Enza lesi ngokusebenzisa indlela ka -Aakar.

Teacher:

Sign:

Date:



37b



Usuku: _____

Masisuse manje.

a. 87 – 53



Indlela kaBusi

80 – 50 + 7 – 3

= 30 + 4

= 34



Indlela ka-Akaar

80 + 7 – 50 + 3

= 30 + 4

= 34

b. 95 – 73

c. 86 – 62

d. 85 – 69





Xazulula lesi sibalo

Kunezindlela eziningi zokwengeza imivo namashumi ndawonye. Khetha indlela oyaziyo noyithandayo ukuxazulula lezi zinkinga zezibalo. Sikhombise umsebenzi wakho.

a. UPeter uthola amapetshisi angama-34 aphinde athole angama-67.
Mangaki amapetshisi esewonke?



b. Abantwana bakwaMalusi bonga imali engangamaR47 ngokuhlanganyela.
Unina wengeza amaR58. Banamalini-ke manje?

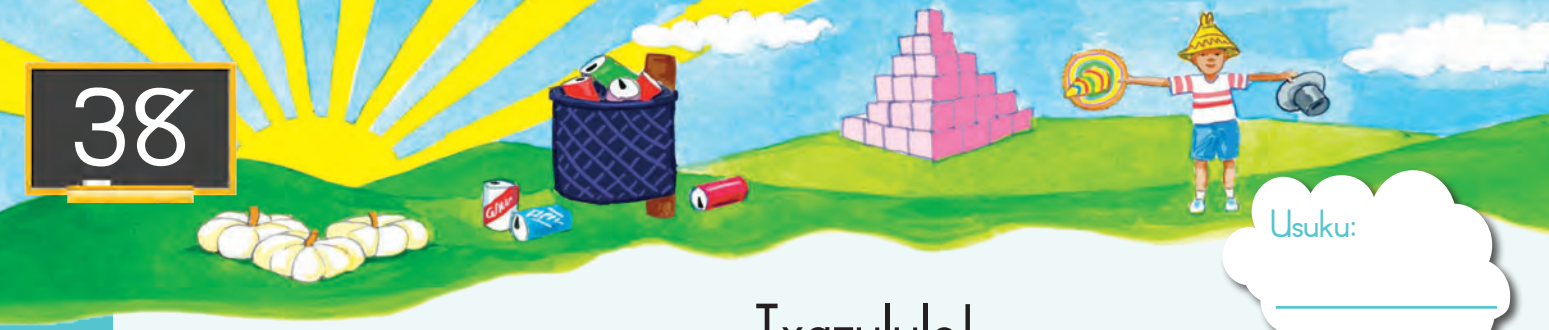


c. Ibhasi lesikole lihamb ibanga lama-88 km ekuseni kanye nama-73 km ntambama.
Mangaki ama-km esewonke?



Teacher:
Sign:
Date:





Usuku:

Ixazulule!



Izivalo zamabhodlela

Sebenzisa noma ngabe iyiphi indlela oyithandayo.
Khombisa umsebenzi wakho.



USipho





U-Andile

USipho ubala izivalo zamabhodlela ezingama-87. U-Andile ubala ezingama-94.
Zingaki ezinye izivalo zamabhodlela uSipho azithola uma ezibala?



Ikhonsathi yesikole



Musa



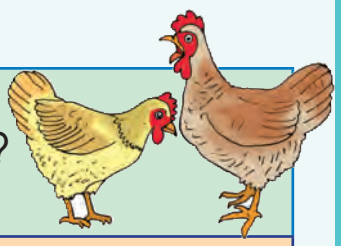
UMusa udayisa amathikithi. Unamathikithi angama-92 azoqala ngawo. Usesele nangama-67.
UMusa usedayise amathikithi amangaki?





Ake siphinde sizijwayeze futhi

Kukhona izinkukhu ezingama-69 esibayeni esisodwa nezingama-95 kwesinye. Zingaki izinkukhu ezikhona uma zizonke? Funda ukuthi uJabu noThemba bayixazulula kanjani inkinga yabo.



Indlela kaJabu

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

Indlela kaAakar

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



a. Abafana baqoqa u-R96 wohambo lwekilasi. Amantombazane aqoqa u-R79. Baqoqe malini uma isiyonke?

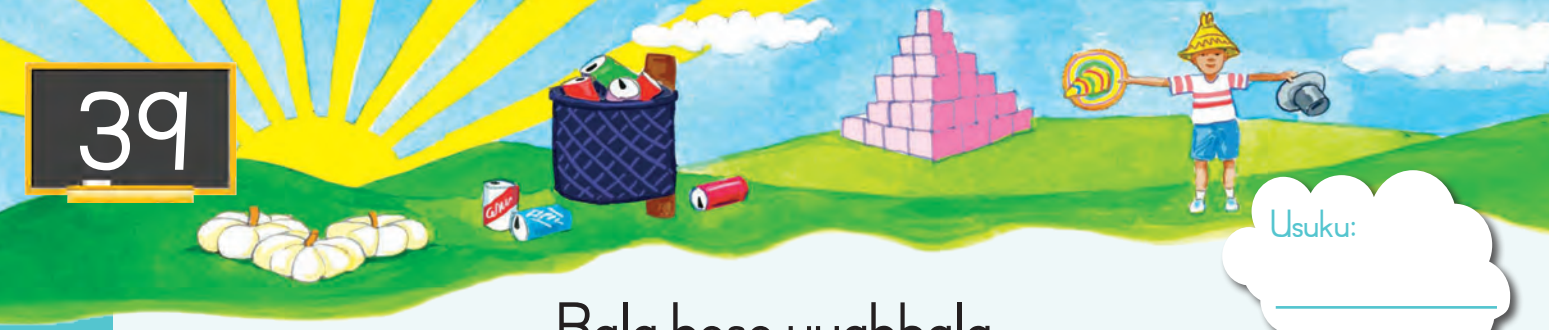
Sebenzisa indlela kaJabu	Sebenzisa indlela kaAakar

b. Isikole esisodwa siqoqe amakani alingana namakhilogremu angama-76. Esinye isikole siqoqe amakani angamakhilogremu angama-68. Ziqoqe amakani alingana namakhilogremu amangaki izikole uma zihlangene?

Sebenzisa indlela kaJabu	Sebenzisa indlela kaAakar

Teacher:
Sign:
Date:





Usuku: _____

Bala bese uyabhala



Thola 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



Usuka ku-200

Susa izinombolo ezisebhokisini eliphinki kulokhu konke.
Sikwenzele eyokuqala.

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

Nansi indlela yokuhlola impendulo yakho! Qala ku-100! Buyela ku-220. Kodwa manje, hlanganisa izinombolo!



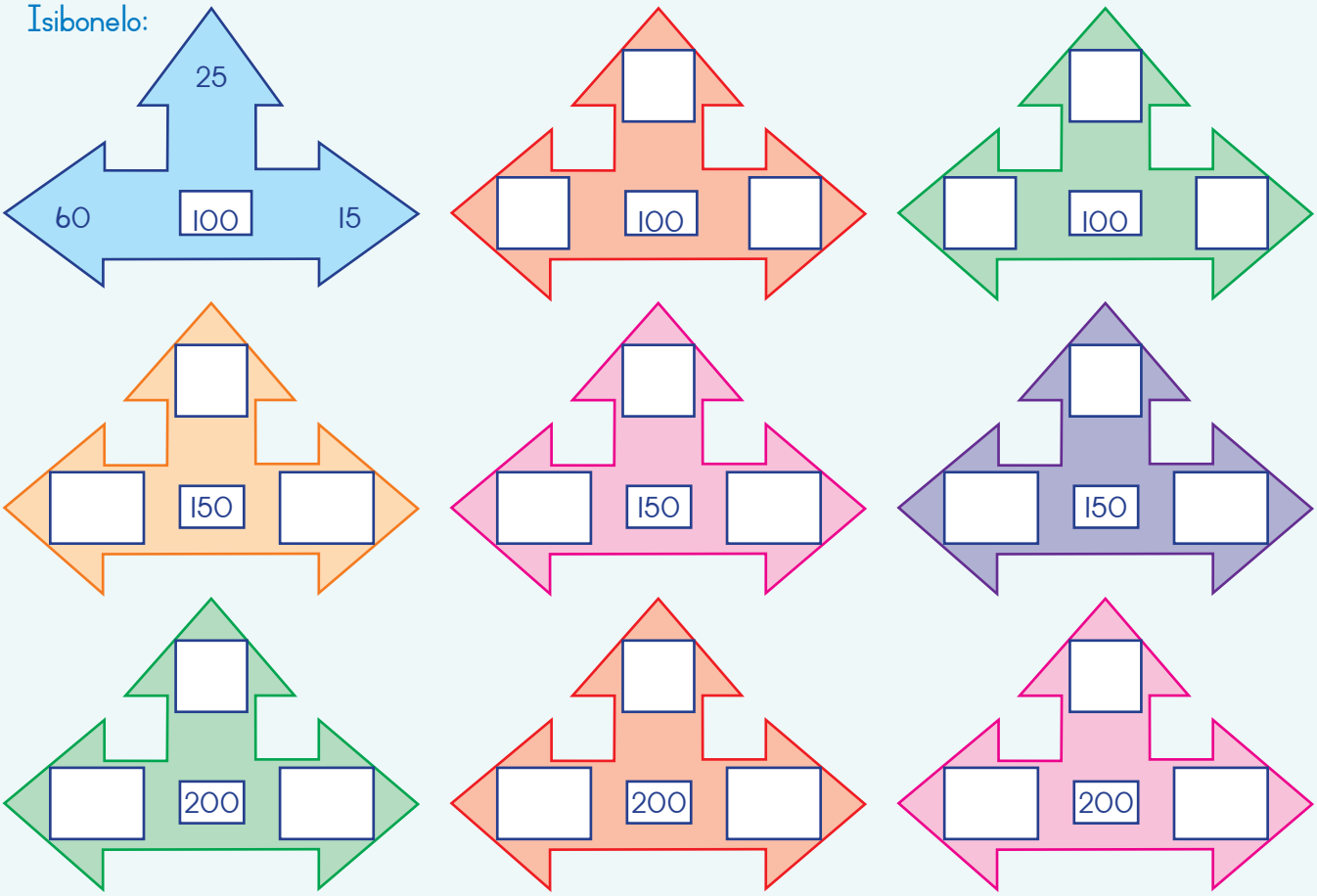




Imindeni yokuhamba ngakuthathu

Thola izinombolo ezintathu ezenza le ehlosiwe inombolo uma zihlangene.
Kodwa kumele uhloniphe umthetho othi iyodwa kuphela inombolo okumele igcine ngo-0.

Isibonelo:





Ezingaphezulu kwama-50 kanye nezingaphansi kwama-50

Bhala izimpendulo erowini yesibili.

+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:





40

Usuku: _____

Ukulinganisa ngamasentimitha



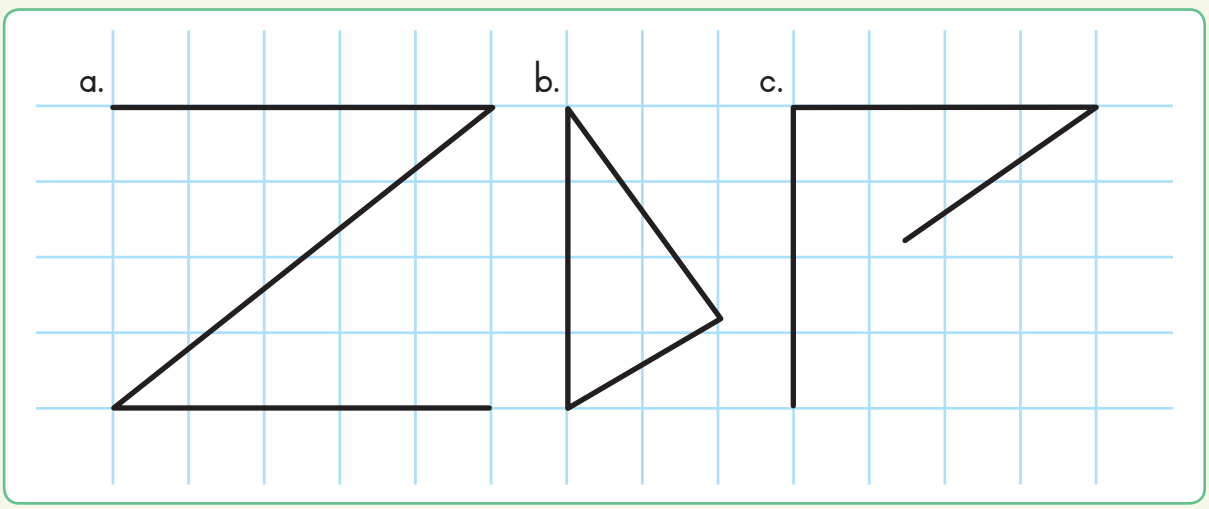
Likhulu kangakanani isentimitha?



Izinombolo eziseruleni zimele isentimitha.
Sisebenzisa isifinyezo noma uphawu oluthi cm.
Uma usebenzisa irula, kumele uqale ukulinganisa kusukela ku-0.
Amanye amarula awawukhombisi u-0 njengalawa akuleli khasi.
Thola u-0 sentimitha eruleni. Bhala u-0 eruleni.
Ukuphi u-10 sentimitha kuleli rula? Bhala u-10 lapho.



Hlawumbisela, bese ukala ncimishi ngerula lakho, isamba sobude ngamasentimitha.



a. Hlawumbisela ____ cm	b. Hlawumbisela ____ cm	c. Hlawumbisela ____ cm
Kala ____ cm	Kala ____ cm	Kala ____ cm







Mude kangakanani umugqa ngamunye?

Ungamasentimitha amangaki umugqa ngamunye ubude?
Sebenzisa umunwe wakho ukuze ukusize ukhethe.

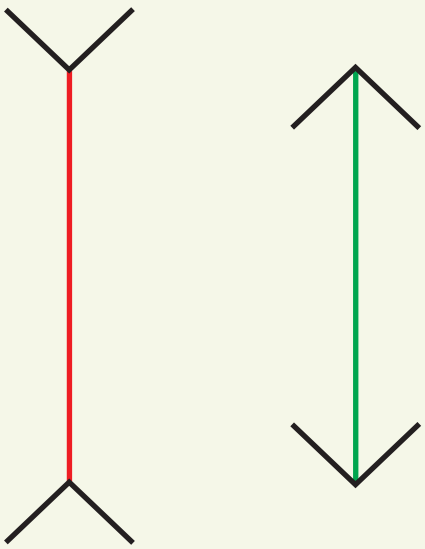
a. ——— ☐ cm	d. | ☐ cm
b. ——————— ☐ cm	e. ☐ cm
c. — ☐ cm	f. ☐ cm



Uqinisekile?

Imuphi omude, umugqa obomvu noma oluhlaza okotshani?

Ukuhlola kanjani lokho?



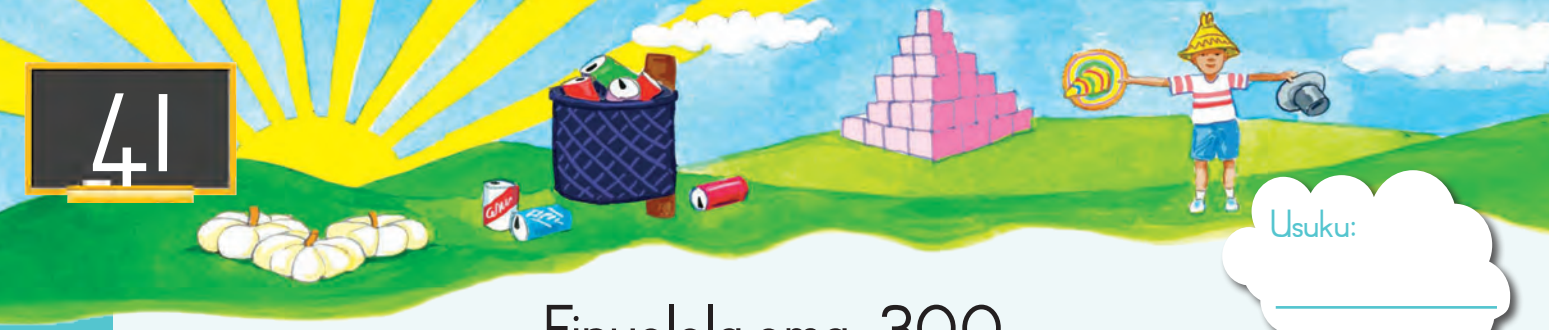


Lokhu kubizwa ngokuthi ukukhohliseka kwamehlo. Lokhu kwenzeka uma amehlo akho aphambaniseke ekuboneni into engekho lapho. Imigqa emibili ubude bayo iyalingana. Imicibisholo ekhombe phakathi yenza umugqa. Owodwa ubukeke umfushane futhi imicibisholo ekhombe ngaphandle yenza umugqa omunye ubukeke umude kunokufanele.



Teacher:
Sign:
Date:





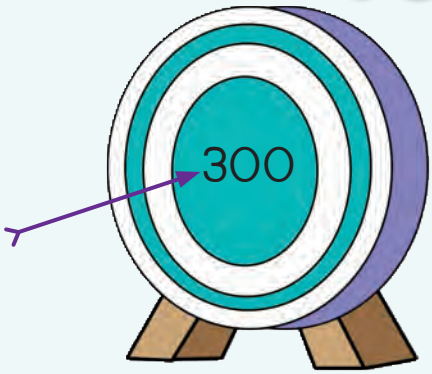
41

Usuku: _____

Finyelela ema -300



Bala bese ubhala ama -200



Bala kusukela ku -201 kuya ku -300.

Khomba ngesikhathi uqhubeka.

Bese ufaka izinombolo eziluhlaza kuqala.

Qhubeka ubhale izinombolo ezinye.

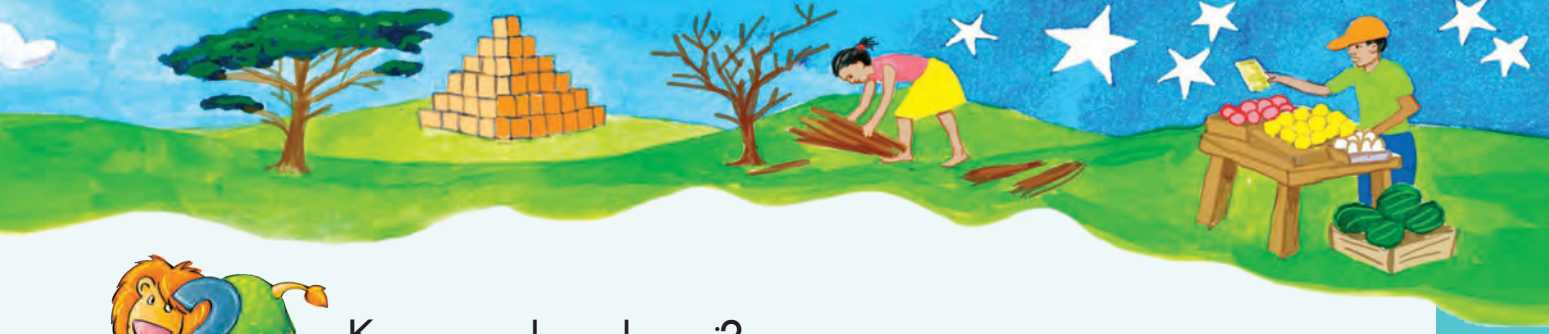


201						207			210
211									
221									
231									
								249	
			254						
				265					
		273							280
281					286				
							298		300

Bhala izinombolo eziyishumi eziza ema ka -300.

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





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 ngokulandelana usuke kwencane kunazo zonke uye kwenkulu kunazo zonke.

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

Yini eguqukile? Bhala inombolo edingekayo.

Qala: 200 → +25 → 225 → ☐ → 237 → ☐ → 249 → ☐ → 261 → ☐ → 278 → ☐ → 286 → ☐ → 300 :Gcina

Teacher:
Sign:
Date:

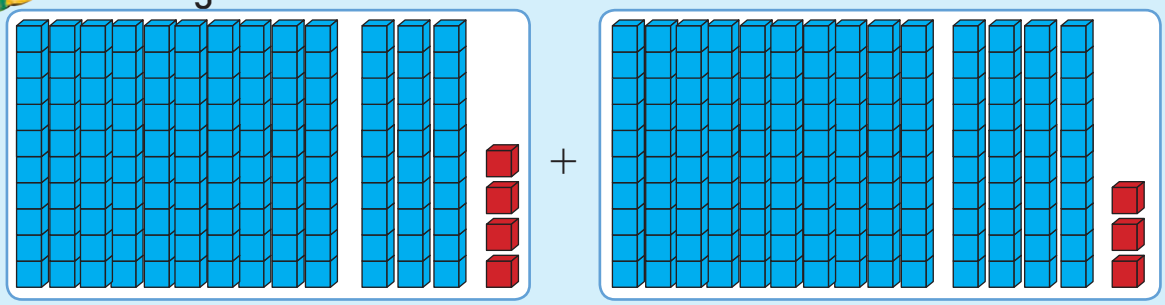
42



Usuku: _____

Ukuhlanganisa nokususa ngama-100

Ukuhlanganisa usebenzisa amabhuloki.



100 30 4 + 100 40 3

= 200 70 7

= 277



Sebenzisa izindlela ezimbili. Khombisa impendulo ngezindlela ezimbili.

a. 132 + 123



Indlela kaBusi

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

= 200 + 50 + 5

= 255



Indlela ka-Dumi

132 + 123

= 200 + 50 + 5

= 255

b. 114 + 162



c. 276 + 148

Buka indlela bese ususa.

a. 158 – 146

Indlela kaBusi

= 100 – 100 + 50 – 40 + 8 – 6

= 0 + 10 + 2

= 12

Indlela ka -Dumi

158 – 146

= 0 + 10 + 2

= 12

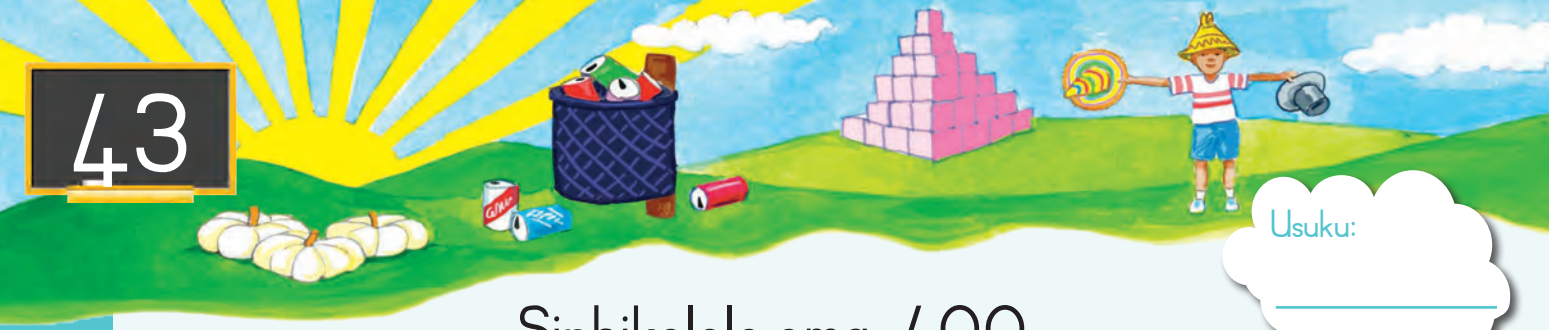
b. 194 – 122

c. 288 – 199

Teacher:

Sign:

Date:



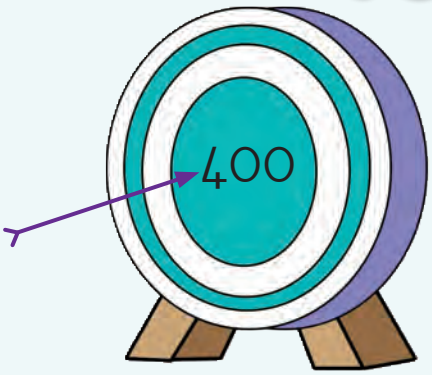
43

Usuku: _____

Siphikelele ema -400



Ukubala nokubhala ama-400s



Bala usuke ema -300 uye kwama -400.

Zisho izinombolo ngenkathi ubala.

Bhala izinombolo ezimelwe yizikhala lapha.

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



Bhala izinombolo eziyisi -9 ezilandela emva kwama -400.

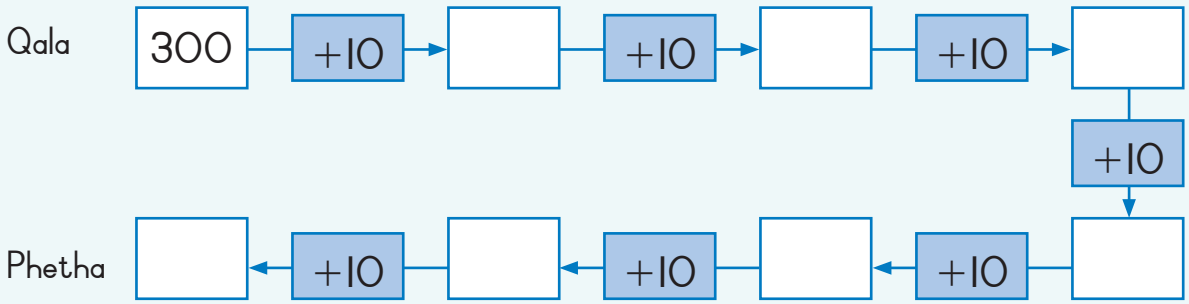
400; _____; _____; _____; _____; _____; _____; _____; _____; _____;



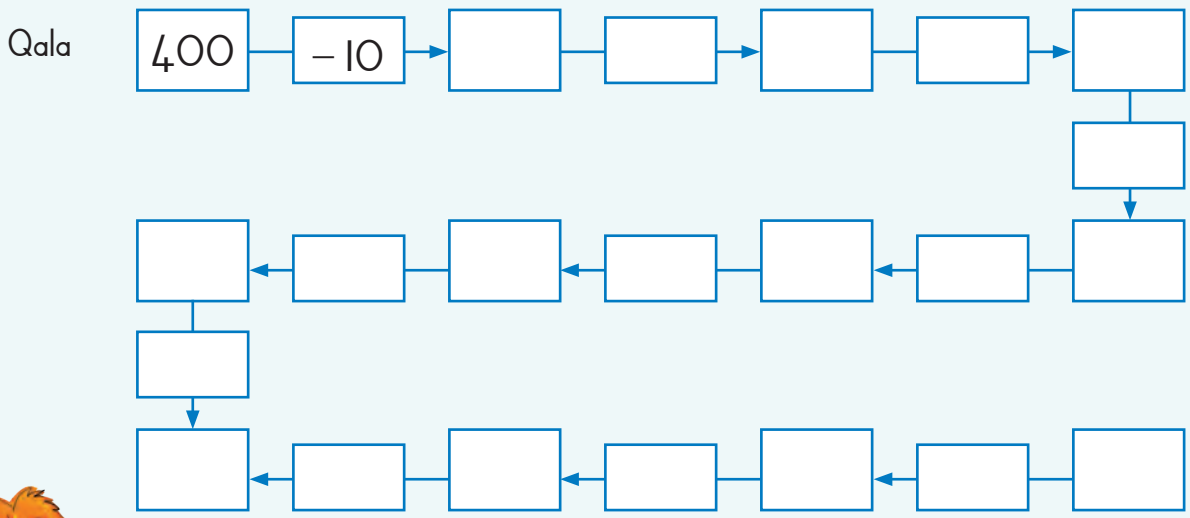


Yini eguqukile?

a. Ukubala uqhubeke usuka ema - 300



b. Bala usuke ema -400





Bhala lokhu kube yinombolo 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 zisuke kwencane kunazo zonke ziye kwenkulu kunazo zonke.

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







44

Usuku: _____

Ukuzikala isisindo

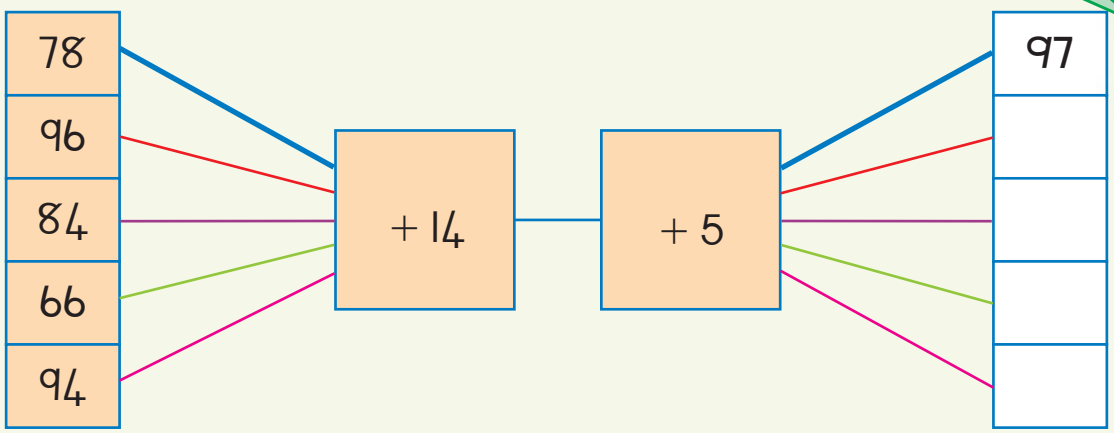


Inombolo ekhethekile

Hlanganisa bese ubhala izimpendulo.



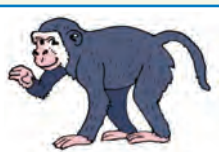
Ngiyazi ukuthi iyiphi inombolo ekhethekile. Wena uyazi?





Sondezela bese uyahlanganisa!

Cabanga ngobuhlakani!

				
Ujakalasi 25 kg	Ufudu 98 kg	Inkawu 59 kg	Ingane yedube 88 kg	Ivuba 9 kg

Sondezela isisindo sesilwane ngasinye kumakhilogramu ayi-10.

_____

Bhala isisindo sesilwane ngasinye uzilandelanise kusuka kwesilula kuya kwesisindayo.

_____

Hlawumbisela isamba sesisindo sezilwane ezi-5.

_____







Hlanganisa isisindo sazo



Ngingase ngingasindi njengawe.
Ngiwufudu oludala, kodwa ngiyashesha!



Izinyathelo

- Sebenzisa amanani akho asondeziwe.
- Hlawumbisela isisindo sezilwane ebhokisini ngalinye.
- Bala inani eliphelele.
- Qhathanisa amanani omabili bese ubhala umehluko.

	Ngiyalinganisa	Ngiyabala	Umehluko
			
			
			



Isisindo sikaVusi

Hlola. Qhathanisa. Lungisa.

UVusi uhlanganisa isisindo sakhe nezisindo zika  kanye no  .

Isisindo sabo esiphelele u-239 kg. UVusi unesisindo esingakanani? Khombisa impendulo yakho.





Sithini isisindo sami?

Dlalani njengeqembu. Shintshanani...

Hlanganisani isisindo senu nesisindo sezinye izilwane. Thola inani eliphelele. Tshela iqembu impendulo. Ungabakhombisi umsebenzi wakho! Kumele bazame ukuthola isisindo sakho.







45

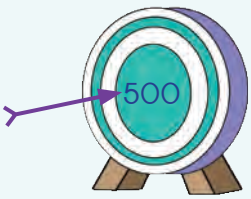


Usuku: _____

Siphikelele ema -500



Bala bese uyabhala



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

a. Qhubeka ubale usuke ema -400 uya ema -500. Yisho izinombolo ngenkathi uqhubeka.

b. Bhala izinombolo ezishodayo kugridi.

c. Bhala izinombolo ezilandelayo eziyisishiyagalolunye emva kwama -500.

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

d. Bala ngakubili. Bhala izinombolo ezilandelayo kuphethini yokubala ngakubili.

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

e. Bala ngakuhlanu. Bhala izinombolo eziyisishiyagalombili ezilandelayo kuphethini yokubala ngakuhlanu.

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

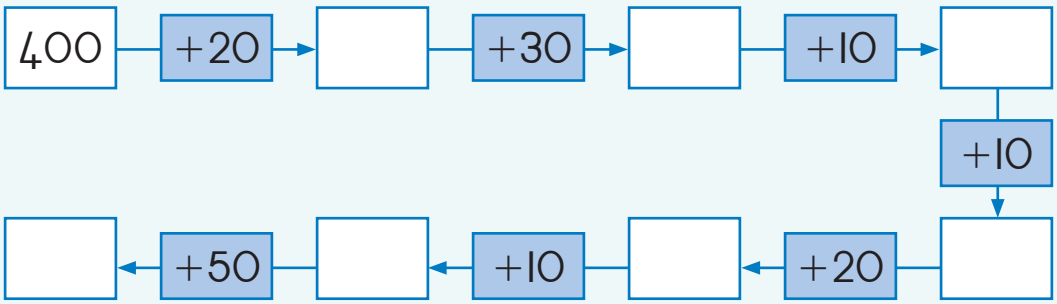




Yiluphi ushintsho?

a. Bala uye emuva usuka ema-400.

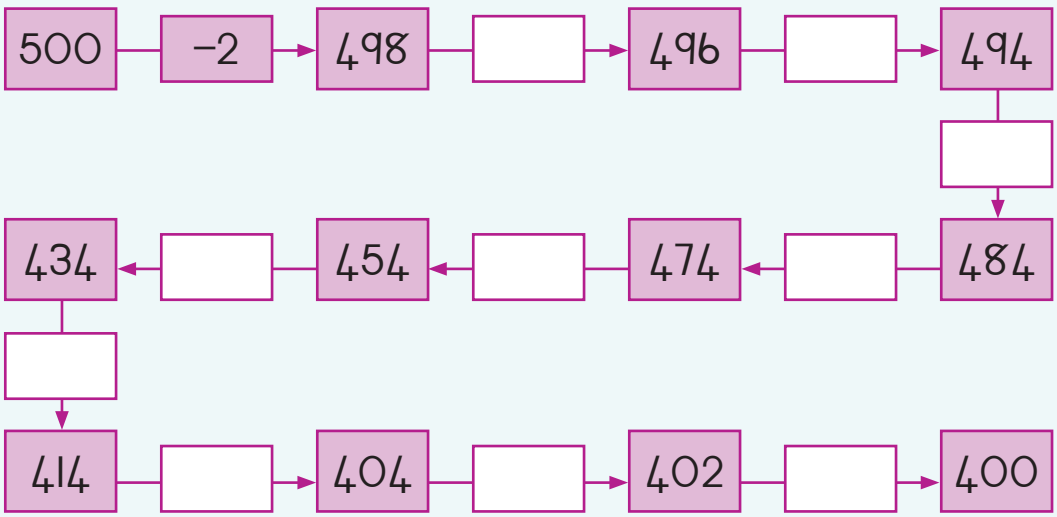
Qala



Qeda

b. Bala uye emuva usuka ema-500.

Qala



Qeda



Khombisa izinombolo. Enza njengoba kwenziwe esibonelweni.

Thola isamba. Sebenzisa amakhadi akho ezinombolo ukukhombisa isamba ngasinye.

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

398 + 10		
424 + 10		
460 + 20		

Teacher:
Sign:
Date:



46



Usuku: _____

Siphinda siyahlanganisa siyasusa

Ubonani?

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



Sizosebenzisa indlela kaBusi neka -Dumi futhi ukuhlanganisa lokhu.

a. 245 + 231



Indlela kaBusi

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



Indlela ka -Dumi

245 + 231
= 400 + 70 + 6
= 471

b. 278 + 136

c. 265 + 148



Sizosebenzisa indlela indlela kaBusi neka -Dumi's ukususa kulesi sibalo.

a. 476 – 324



Indlela kaBusi

= 400 – 300 + 70 – 20 + 6 – 4

= 100 + 50 + 2

= 152



Indlela ka -Dumi

476 + 324

= 100 + 50 + 2

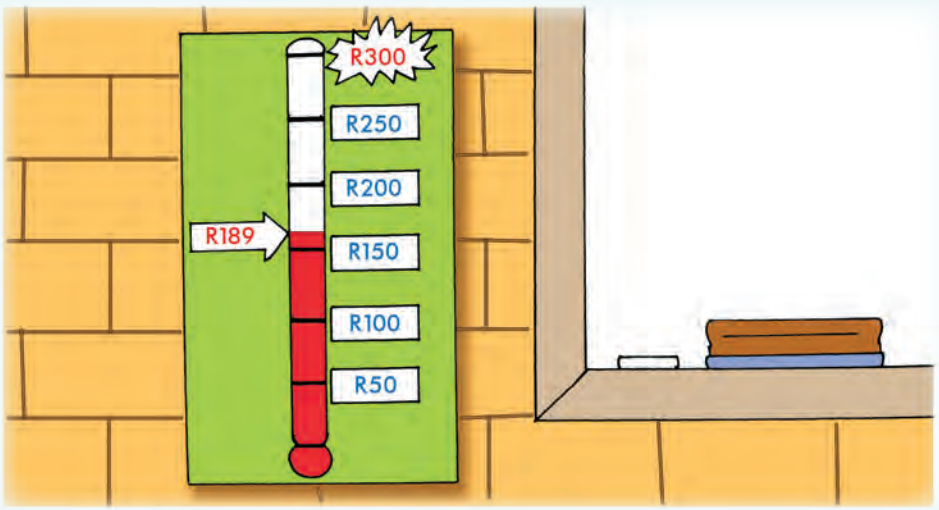
= 152

b. 489 – 456

c. 482 – 161



Ukufinyelela lapho siphikelele khona

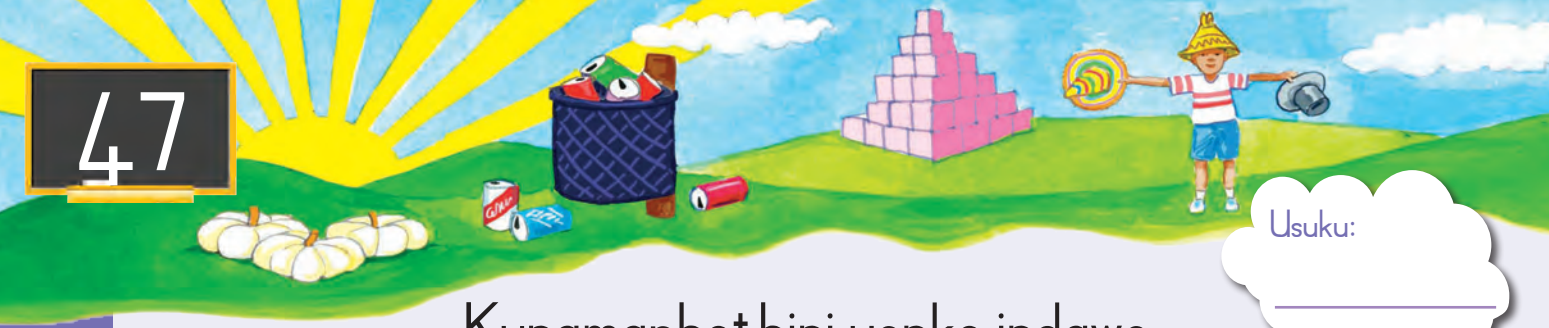


Hlolisisa kahle isithombe.

Kusele kangakanani ukuthi sifinyelele lapho siphikelele khona.

R

Teacher:
Sign:
Date:



47

Usuku: _____

Kunamaphethini yonke indawo



Intaba eyimfihlo

Yiliphi igama lentaba ende kakhulu eGauteng? Sebenzisa khodi ukuthola lokho. Qondanisa impendulo ngayinye esethebulini nohlamvu olusekhodini.

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

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

Igama lentaba i -:







Buka! Cabanga, bese uyaphendula!

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

a.

Lizoba wumumo onjani i-16? Thikha (✓) efanele. ✷ ⊙ ☾

Lizoba wumumo onjani i-18? Thikha (✓) efanele. ✷ ⊙ ☾

Azoba wumumo onjani ama-23? Thikha (✓) efanele. ✷ ⊙ ☾

b.

Unombolo 50 uzoba i-✷. Iqiniso noma Iphutha?

Unombolo 100 uzoba i-⊙. Iqiniso noma Iphutha?

Unombolo 23 uzoba i-☾. Iqiniso noma Iphutha?



Hlola. Qhathanisa. Lungisa.



Iyiphi eningi imali?

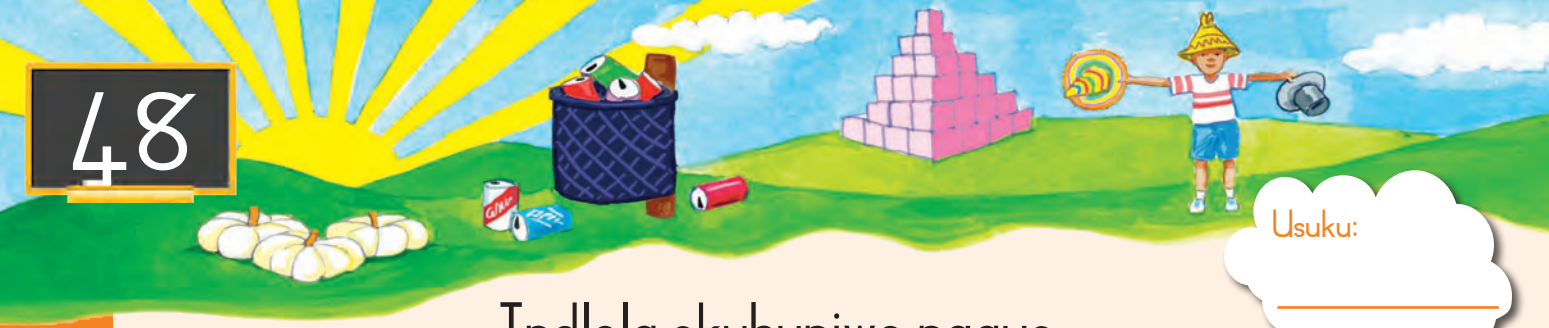
Ukuthola ama-R2,50 ngosuku oyimali yakho nje enyangeni kaJuni noJulayi.

Kumbe ukuthola i-R150 ngomhla lu-1 ku-Agasti.

Khombisa ukuthi uyithole kanjani impendulo.

Teacher:
Sign:
Date:

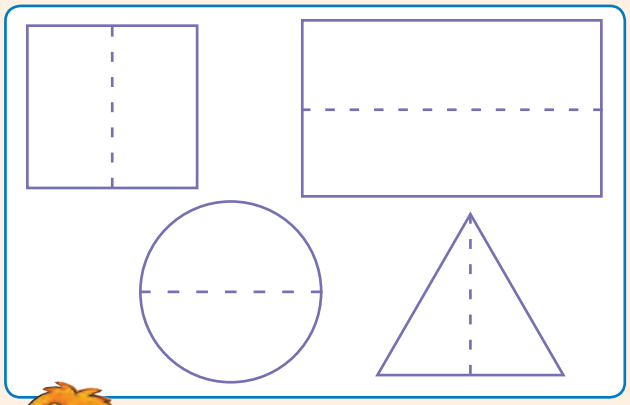




Usuku: _____

Indlela okubunjwe ngayo

Yini oyiqaphela ngale mimo?



Umugqa owodwa uhlukanisa umumo kabili, kuthi uhhafu owodwa ufane nse nomunye.

Umumo uba yisibuko uma uzothi ngokuwugoqa phakathi naphakathi ohhafu ababili basale befana nse.



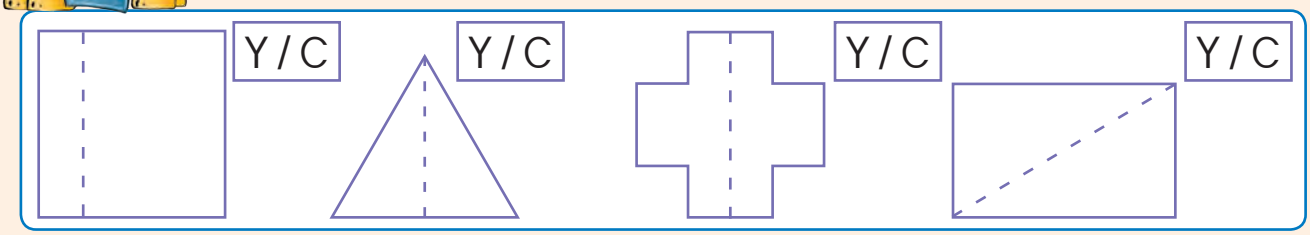


Dweba umugqa oveza ukwakheka komumo nagmunye.



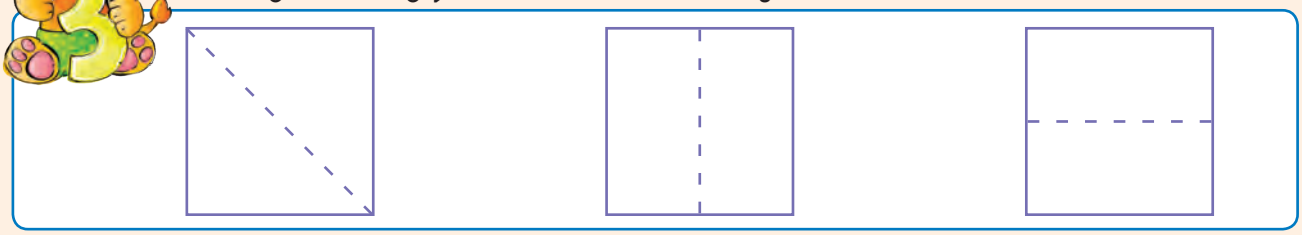


Kungabe umugqa wamachashazi uveza ukwakheka noma cha? Zungelezela u(Y) Yebo kumbe u(C). Cha.

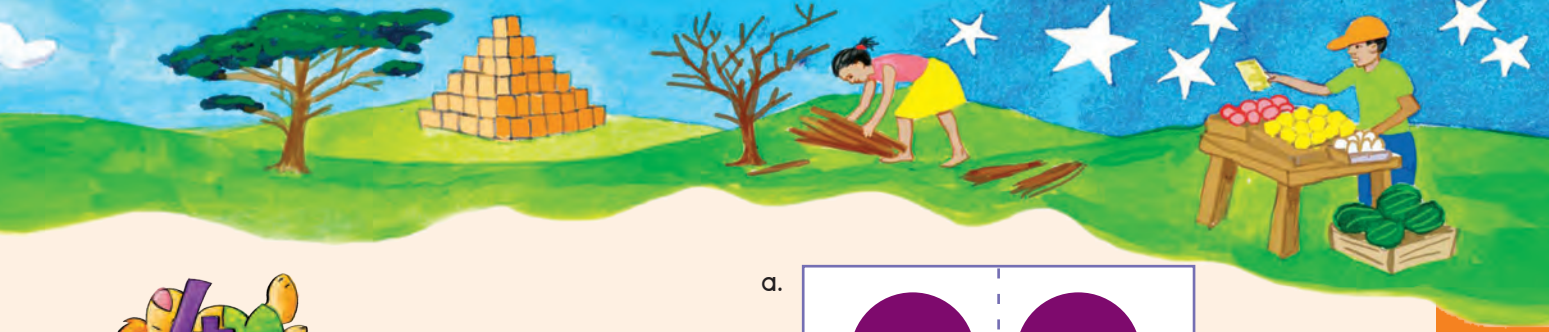




Kungabe lo mugqa uveza ukwakheka? Kanjani?



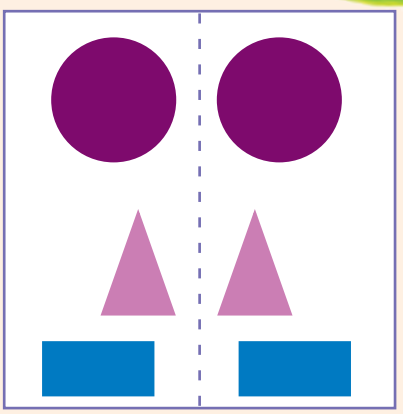




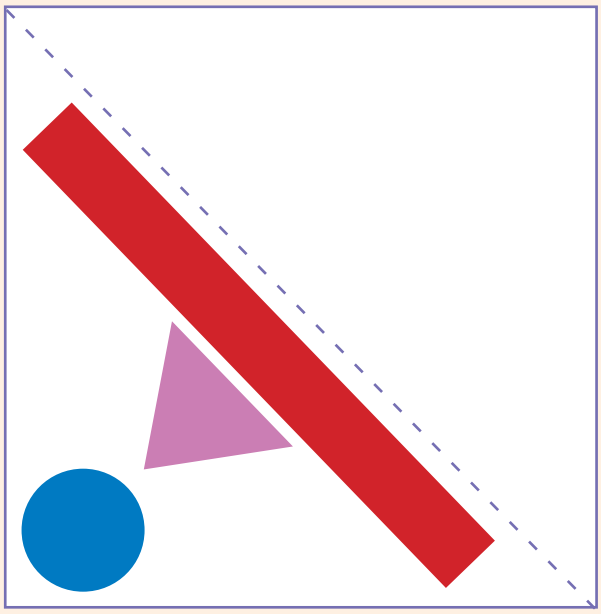
Dweba umumo ukwenza isithombe sibe nezingxenye ezifana nse.

Sikwenzele okukodwa.

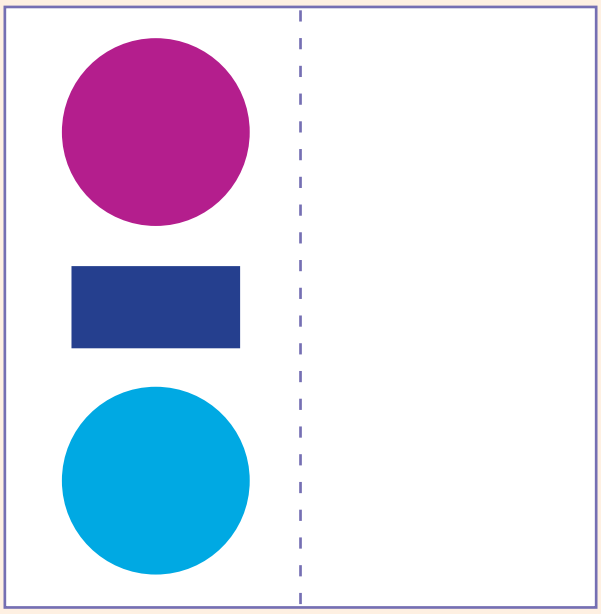
a.



b.



c.





Enza ukhaphethi onhlangothi zifana nse usebenzisa imimo.





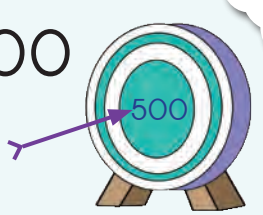


49

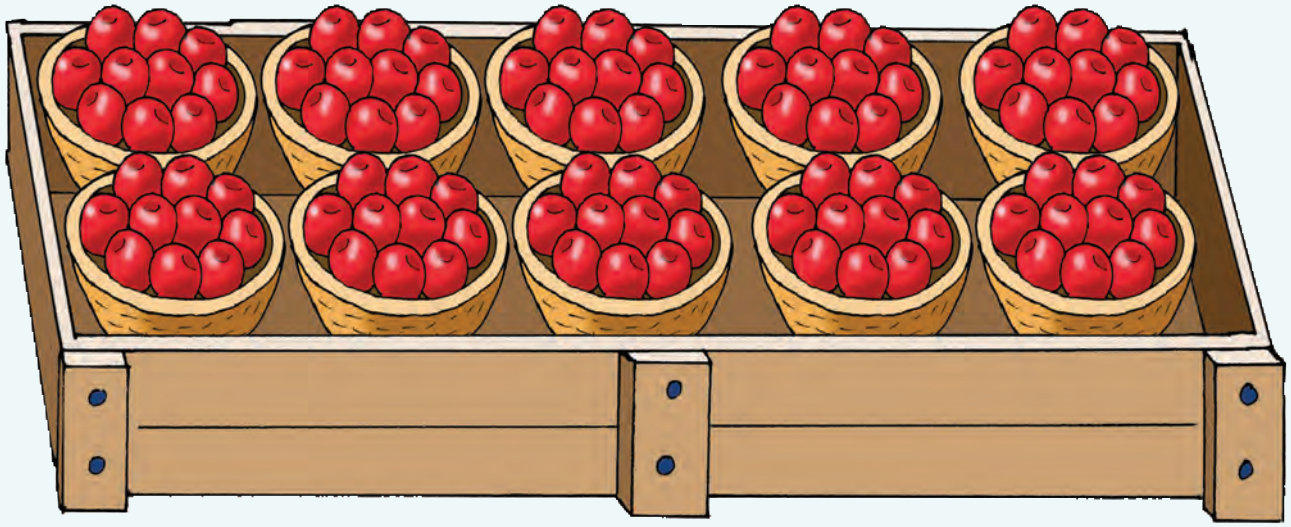
Usuku: _____

Ukwakha ufike ema -500





Bala ama -apula



Qedela bese uphindaphinda

Ubhasikidi o -1 uqukatha ama -apula a _____	1 × 10 = 10
Ubhasikidi aba -3 uqukatha ama -apula a _____	3 × 10 =
Ubhasikidi aba -5 uqukatha ama -apula a _____	
Ubhasikidi aba -4 uqukatha ama -apula a _____	
Ubhasikidi aba -2 uqukatha ama -apula a _____	

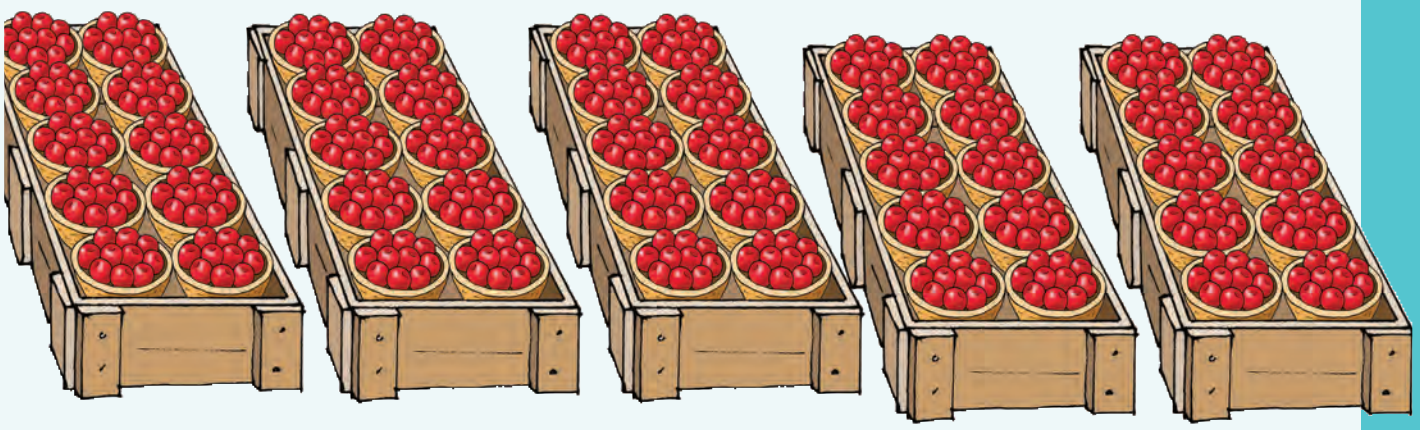
Ibhokisi eli -1 liqukatha ama -apula ayi -100.	2 wamabhokisi uphethe _____ wama -apula
3 wamabhokisi uphethe _____ wama -apula	3 wamabhokisi uphethe _____ wama -apula
5 wamabhokisi uphethe _____ wama -apula	2 wohhafu bamabhokisi umumethe _____ wama -apula

1 2 3 4 5 6 7 8 9 10



Kukhona ama -apula ayishumi kubhasikidi owodwa.

Kukhona obhasikidi aba _____ekesini elilodwa.
Kukhona ama -apula ama _____ekesini elilodwa.
Mangaki ama -apula alapho uma esewonke? _____



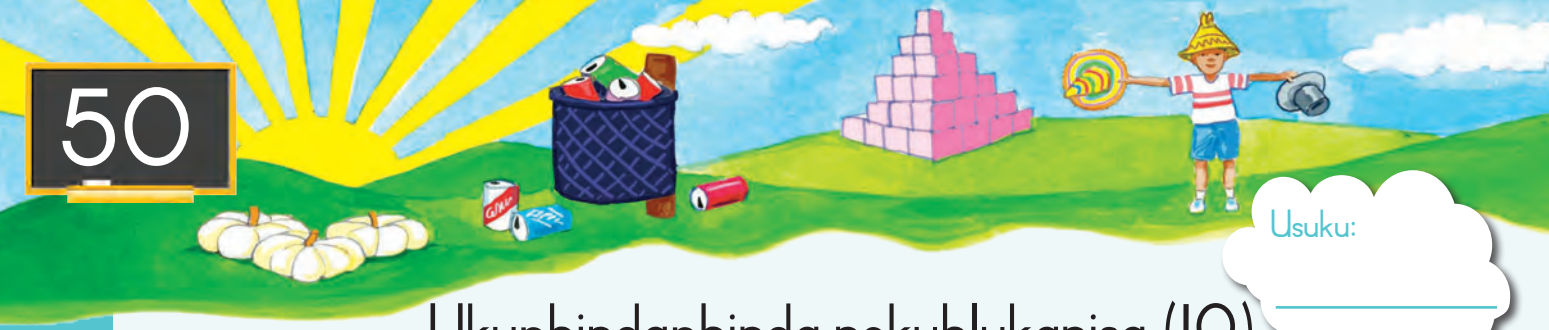
Ukubala, ukukhombisa kanye nokubhala

3 0 0
4 0
5

Qala usebenzise amakhadi ezinombolo ukhombisa isamba, bese ubhala inombolo.

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

Teacher:
Sign:
Date:



50

Usuku: _____

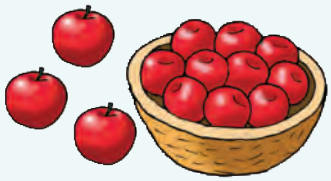
Ukuphindaphinda nokuhlukanisa (10)



Ukubala ama-apula

Gcwalisa itafula.

Bangaki obhasikidi abanama-apula?



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



Hlukanisela abantwana ama-apula. Enza umdwebo.

a.









Enza umdwebo.

□ ÷ □ = □

□ × □ = □

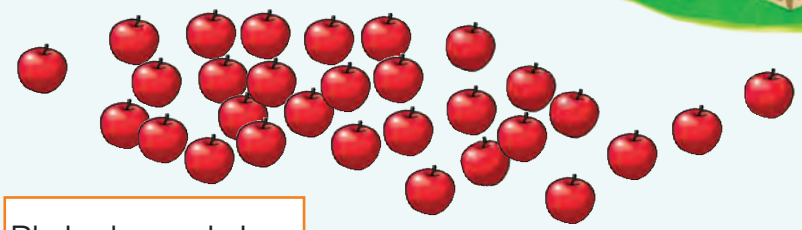






b.





Bhala phansi isibalo ÷

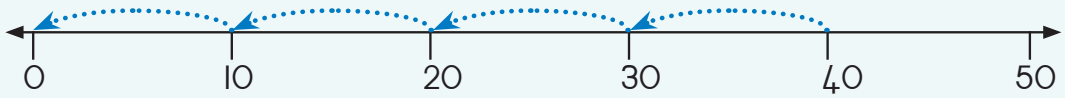
Bhala phansi isibalo ukuze uhlole izimpendulo zakho×







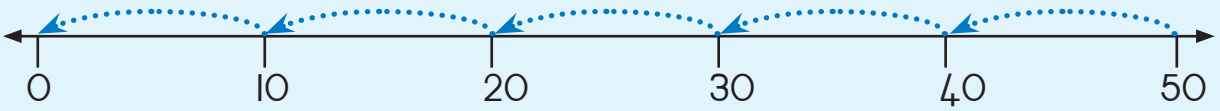
Sebenzisa lezi zinombolo ukwakha imisho yakho yezibombolo.



÷	40 ÷ 10 = 4

×	4 × 10 = 40

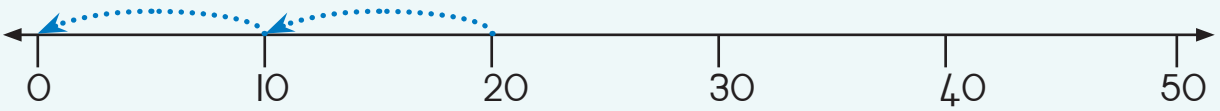
a.



÷	

×	

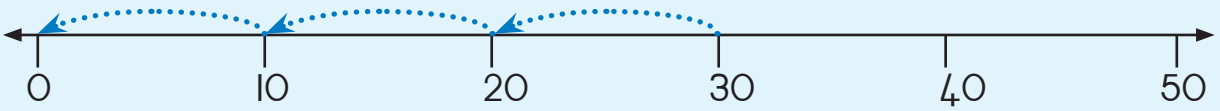
b.



÷	

×	

c.



÷	

×	



Bhala inombolo enkulu ngokuyi -10 nencane ngokuyi -10 enombolweni enikeziwe.

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

Teacher:
Sign:
Date:





51

Usuku: _____

Bala ngaku-2



Ukuhala uhlehle ubuye uye phambili ubala ngaku-2.

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

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

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

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



Amapheya amaglavu



a. Mangaki amapheya amaglavu emgqeni? _____

b. Mangaki amaglavu ahamba ngawodwa emgqeni? _____

c. Mingaki imigqa? _____

d. Mangaki amaglavu ewonke? _____

e. Khombisa ukuthi ukuthole kanjani.

f. Bhala impendulo yakho ibe umusho wezinombolo.

_____ × _____ = _____







Mangaki amaglavu?

Bhala emathebulini.

a.

Amapheya	10	5	50	4	40	3	30	100
Amaglavu								

b.

Iglavu ehamba yodwa	20	21	70	73
Amapheya angenziwa				
Amaglavu ahamba ngawodwa asele				



Bala ngaku-2

a. Iyiphi inombolo eba phakathi nendawo?

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, _____, _____

Teacher:
Sign:
Date:





Usuku: _____

Faka amathayela



Ukuhlela insimu

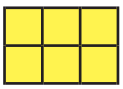
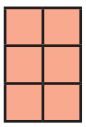
Ngizowabeka kanjani?



Unksz Mabena unamathayela amahle.

Uwasebenzisa ukuwafaka endaweni esensimini.

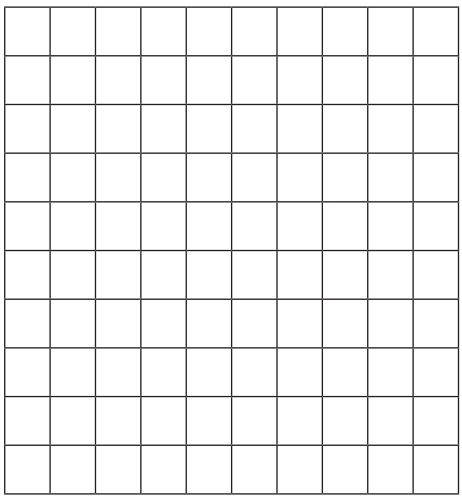
Ayisithupha amathayela ayizikwele alinganayo.

Ngingenza irowu eyodwa yamathayela ayisi-6.	Ngingenza amarowu ama-2 ngamathayela ama-3 erowini.	Ngingenza amarowu ama-3 ngamathayela ama-2 kurowu ngayinye.
		
$6 \times 1 = 6$	$3 \times 2 = 6$	$2 \times 3 = 6$

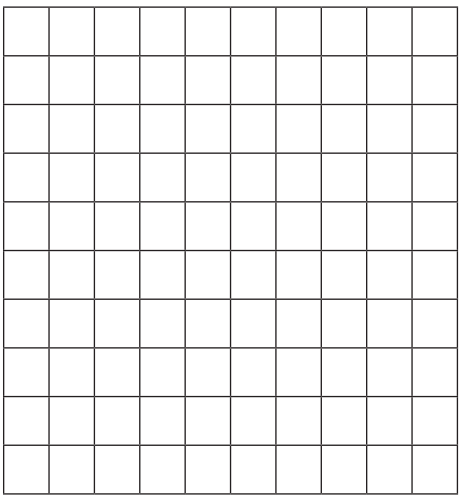
Manje sekuyithuba lakho!

Dweba amabhulokhi ukukhombisa ukuthi ungawahlela ngezikwele zamathayela eziyisi-8 nesi-9. Bhala umusho wezinombolo emdwebeni ngamunye.

9 wezikwele



8 wezikwele







Hlela amathayela ayi-12

UThabo unamathayela ayizikwele ayi-12 azowafaka eshede lapho egcina khona ibhayisikili lakhe.
Msize ukuthola indlela yokwenza lokhu.
Bhala umusho wezinombolo wendlela ngayinye.

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

Hlela amathayela angama-24

- Sebenzisa igridi ngokusika o-5.
- Dweba kubona ukuze kwanele amabhlokhi angama-24.
- Bhala umusho wezinombolo ehambisana nomdwebo ngamunye.

Ngingaphindaphinda!

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

Teacher:
Sign:
Date:



53

Usuku: _____

Oku-5 kuya koku-500



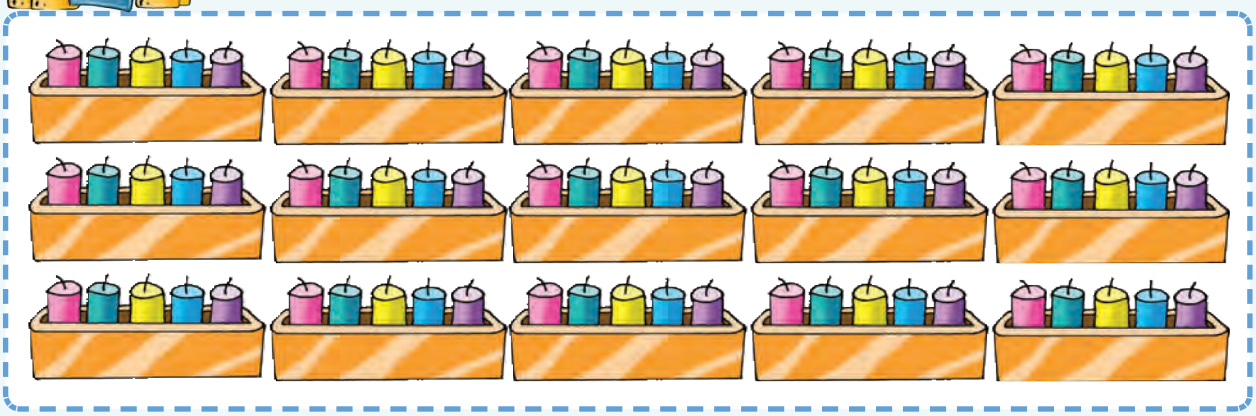
Yazi o-5 bakho

Gcwalisa izimpendulo.

	1	2	3	4	5	6	7	8	9	10
× 5	5									



Bala amakhandlela



a.	Mangaki amakhandlela ebhokisini ngalinye? _____
b.	Mangaki amabhokisi emgqeni ngamunye? _____
c.	Mangaki amakhandlela ebhokisini ngalinye? _____
d.	Mangaki amakhandlela esephelele? _____



Khombisa impendulo

Thikha (✓) umusho wezinombolo okhombisa inani eliphelele lamakhandlela.

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





4 Bala uye phambili nasemuva ngo-5

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

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

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



5 Qoqa izinhlamvu zemali eziwo-R5

Izingane ziqoqa izinhlamvu zemali ezingo-R5. Lungaki uhlweza lwawo-R5 abadinga ukulwenza?

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

2 × R5 = R _____

4 × R5 = R _____

3× R5 = R _____

6 × R5 = R _____



6 Phindaphinda phinda ngo-5

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

Cabanga ngobuhlakani! Yakha 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									

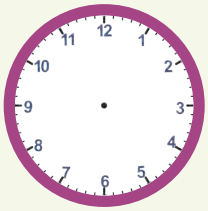
Teacher:
Sign:
Date:



Usuku:

Ukusebenza ngesikhathi

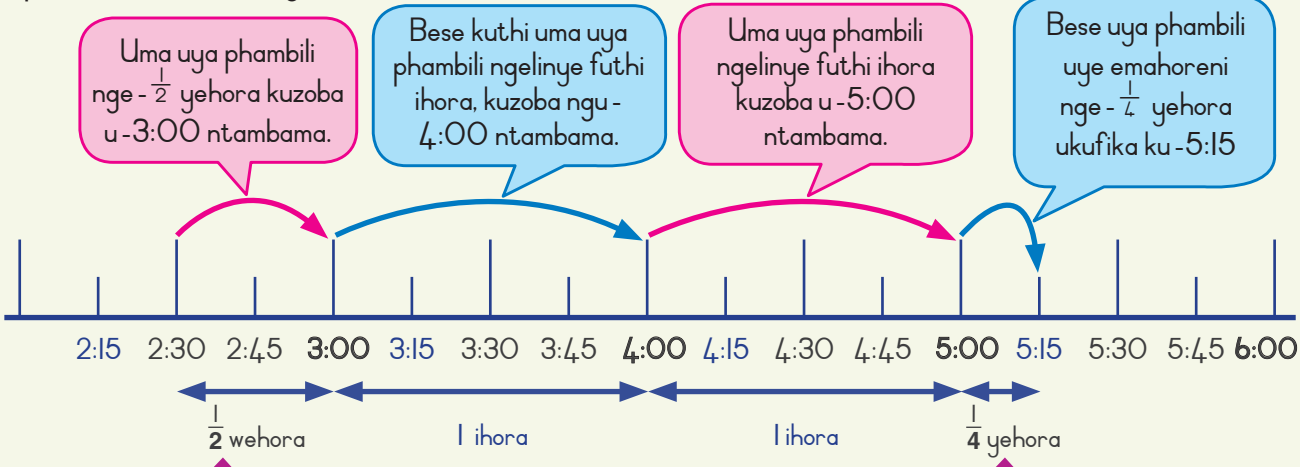
Dweba izikhathi

					
Ligamenxe ihora lesihlanu	Iyishumi nanhlanu imizuzu ngaphambi kwehora leshumi nanye	Iyishumi nanhlanu imizuzu emva kwehora leshumi nambili	12:45	6:15	4:30

Inkinga yesikhathi

Singasebenzisa umugqa wesikhathi ukukuthola. Beka umunwe wakho ku-2:30, isikhathi okuyiso manje.

Umama kaNomsa uhamba ekhaya ngo-2:30 ntambama.
Abuye ngo-5:15 ntambama.
Uphume isikhathi esingakanani?



u-$\frac{1}{2}$ wehora uwuhlanganisa namahora amabili agcwele kwenza amahora amabili no-$\frac{1}{2}$.
Uma uhlanganisa no-$\frac{1}{4}$ wehora kwenza amahora ama-2 $\frac{3}{4}$ sekukonke.



Izinkinga zesikhathi

Hlola. Qhathanisa. Lungisa.

Xazulula inkinga ngayinye. Sebenzisa imigqa yezinombolo ukuze ikusize.

a. UQueenie uvakashela ubaba wakhe emtholampilo ngo-3:45 ntambama.

Uhamba ngo-5:15 ntambama.

Uvakashe isikhathi esingakanani?

_____



b. UMusa uye epaki ngo-10:45 ekuseni.

Ubuya ekhaya ngo-12:30 ntambama.

Uhambe isikhathi eside kangakanani?

_____



c. UTumi uqale ukufunda ngo-1:15 ntambama.

Uqeda ngo-2:45 ntambama.

UTumi ufunde isikhathi esingakanani?

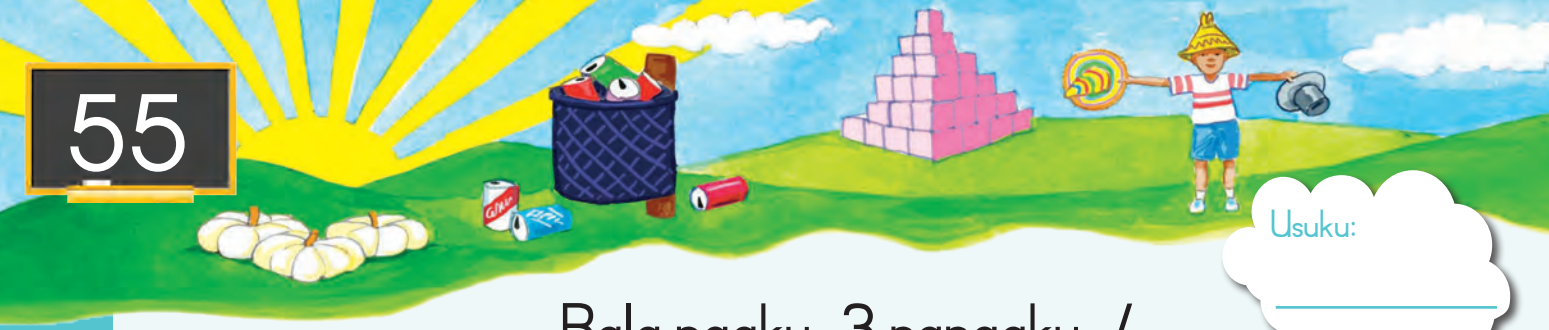
_____



Teacher:

Sign:

Date:



Usuku: _____

Bala ngaku -3 nangaku -4



Amabhodwe anemilenze emithathu

Hlanganisa bese ubhala izimpendulo



a.	Mangaki amabhodwe emgqeni? _____
b.	Mingaki imilenze emgqeni? _____
c.	Mingaki imigqa yamabhodwe? _____
d.	Mingaki imilenze seyiyonke? Veza ukuthi ukuthole kanjani lokho.

Thikha (✓) Imiphi imisho yezinombolo ekhombisa isamba kule engezansi?

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



Mingaki imilenze?

Cabanga usheshe.
Cabanga ngokuhlakanipha.

1 ibhodwe	3 imilenze	10 amabhodwe	☐ imilenze	5 amabhodwe	☐ imilenze
2 amabhodwe	☐ imilenze	15 amabhodwe	☐ imilenze	12 amabhodwe	☐ imilenze
5 amabhodwe	☐ imilenze	13 amabhodwe	☐ imilenze	14 amabhodwe	☐ imilenze





Imilenze yetafula



a. Mangaki amatafula emgqeni? _____

b. Mingaki imilenze emgqeni? _____

c. Mingaki imigqa yamatafula? _____

d. Mingaki imilenze seyiyonke? Veza ukuthi ukuthola kanjani lokho.

Efemini



Umbazi ubaza amatafula. Uqala ngokwakha imilenze yawo.

Wenze imilenze engama-48 manje. Mangaki amatafula azokwazi ukuwabaza?

Mingaki eminye imilenze ayidingela itafula elinye elilodwa?

Qedela lawa mazenga ngokubhala izimpendulo.

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

Teacher:
Sign:
Date:



Usuku: _____

Bala ngama-50



Ingane eyodwa, ingubo yokulala eyodwa!

Zingaki izingane? Linganisa, bese uyabala.



Ingubo yethemba.

Zama ukugcina izingane zethu zifudumele

O 123 – 098





Zonke izingane ezisesithombeni zithola ingubo yokulala.
Zingaki izingane ezilapho? _____

Linganisa	Bala	Qhathanisa

Bangaki ☺ abafana? _____ Mangaki ☺ amantombazane? _____

1 2 3 4 5 6 7 8 9 10



Bakhokha malini?

UGwazi  uthenga 2  .

Ukhokha R

UNkk Chaane  uthenga 5  .

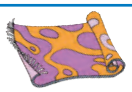
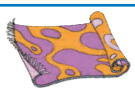
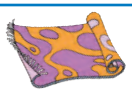
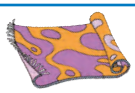
Ukhokha R

Ethengeduze 

bathenga 20  .

Bakhokha R



5  ngama R50 = R100	10  ngama R50 = R200
4  ngama R50 = R____	15  ngama R50 = R____
3  ngama R50 = R____	6  ngama R50 = R____
7  ngama R50 = R____	12  ngama R50 = R____
8  ngama R50 = R____	9  ngama R50 = R____



Kuzothatha isikhathi esingakanani? Sebenzisa ikhalenda.



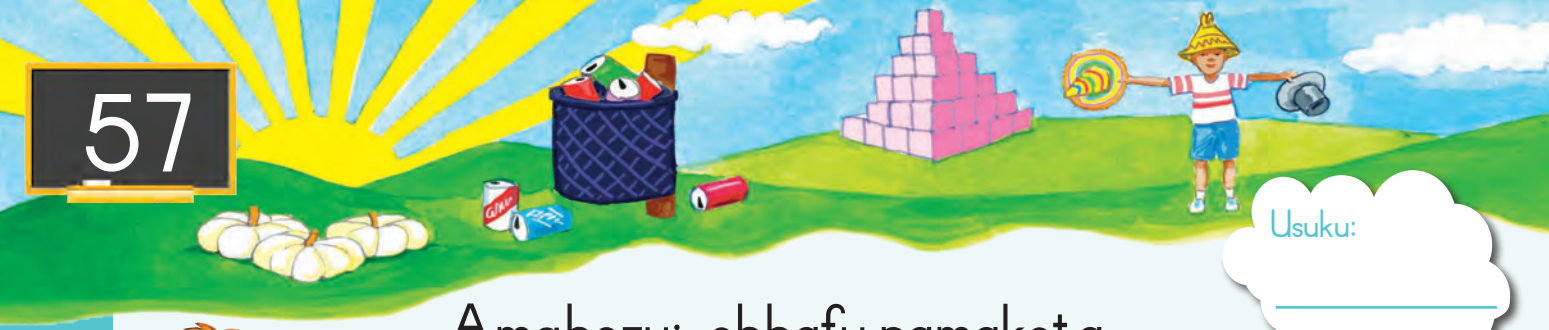
Ikilasi lebanga lesithathu liqoqa imali yokuthenga izingubo zokulala ezine.

Baqoqa ama-R5 ngosuku izinsuku ezinhlanu ngesonto.

Baqala ngoMsombuluko wokuqala kuNdasa. Imali abayidingayo bazoba nayo ngaluphi usuku kuNdasa?





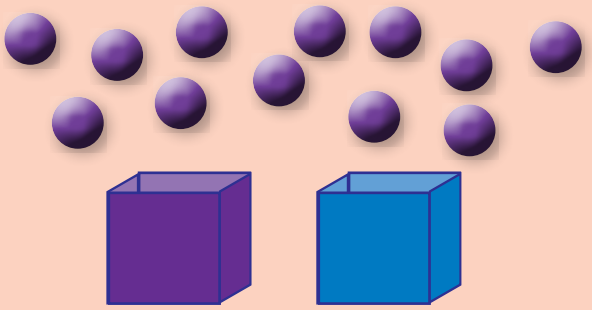


Usuku: _____

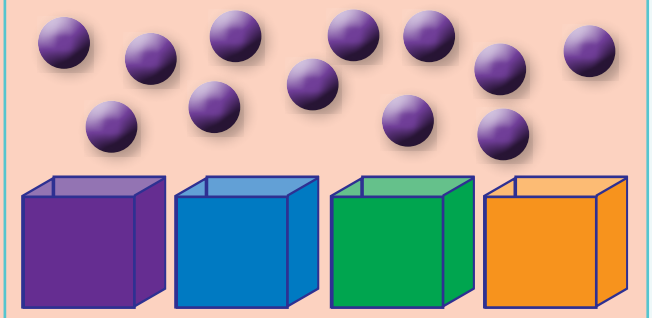
Amqhezu: ohhafu namakota



Hlukanisa amabhola ngokulinganayo emabhokisini.



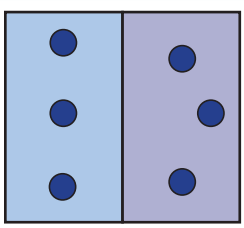
- Mangaki amabhola asebhokisini? ☐
- Mangaki amabhola asebhokisini eliphephuli? ☐
- Yiqhezu elingakanani olithola ebhokisini eliphephuli? ☐



- Mangaki amabhola asebhokisini? ☐
- Mangaki amabhola asebhokisini eliphephuli? ☐
- Yiqhezu elingakanani olithola ebhokisini eliphephuli? ☐

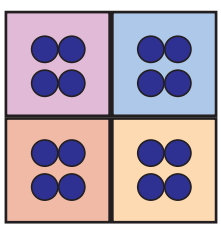


Buka izithombe uphendule imibuzo.



Zingaki izindilinga ozithola uma ubala? ☐

Yizindilinga ezingaki ezenza u-$\frac{1}{2}$ wezindilinga? ☐



Zingaki izindilinga ozithola uma ubala? ☐

Yizindilinga ezingaki ezenza i-$\frac{1}{4}$ yezindilinga? ☐

Yizindilinga ezingaki ezenza i-$\frac{2}{4}$ yezindilinga? ☐

Yizindilinga ezingaki ezenza i-$\frac{3}{4}$ yezindilinga? ☐

Yizindilinga ezingaki ezenza i-$\frac{4}{4}$ yezindilinga? ☐







Faka umbala u- $\frac{1}{2}$ womumo.

Faka umbala u- $\frac{1}{4}$ womumo.

Faka umbala u- $\frac{2}{4}$ womumo.

Faka umbala u- $\frac{3}{4}$ womumo.



Buka lawa maqhezu

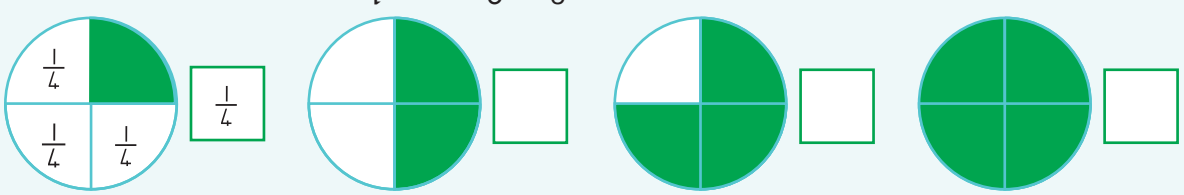
Oku-1 okuphelele			
$\frac{1}{2}$		$\frac{1}{2}$	
$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$

a. Mangaki halves ($\frac{1}{2}$) enza okukodwa okuphelele?

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

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

b. Buka imidwebo ubhale iqhezu lengxenye ehlikihliwe.



c. Yiliphi iqhezu elingaphezu kwelinye ku- $\frac{1}{2}$ ne- $\frac{1}{4}$?

Teacher:
Sign:
Date:

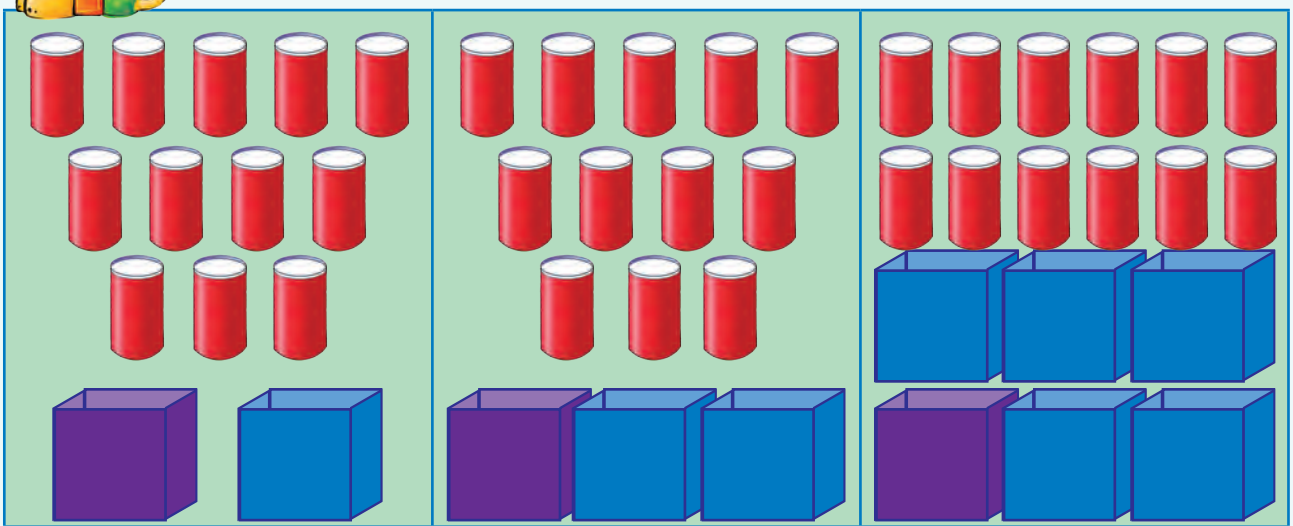


Usuku: _____

Amqhezu: ohhavu, okwesithathu nokwesithupha



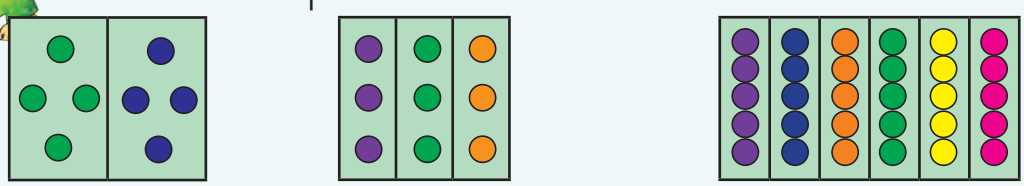
Hlukanisa amathini (amasilinda) ngokulinganayo emabhokisini.



Isamba samabhola:			
• Mangaki amabhola ebhokisini eliphephuli?	12		
• Qhezu lini elisebhokisini eliphephuli?	6		
	$\frac{1}{2}$		



Buka izithombe uphendule imibuzo.



Zingaki izindilinga ozithole ubala? ☐

Yizindilinga ezingaki ezakha u-$\frac{1}{2}$ wezindilinga? ☐

Yizindilinga ezingaki ezakha u-$\frac{1}{3}$ wezindilinga? ☐

Yizindilinga ezingaki ezakha u-$\frac{2}{3}$ wezindilinga? ☐

Yizindilinga ezingaki ezakha u-$\frac{3}{3}$ wezindilinga? ☐

Yizindilinga ezingaki ezakha u-$\frac{1}{6}$ wezindilinga? ☐

Yizindilinga ezingaki ezakha u-$\frac{2}{6}$ wezindilinga? ☐

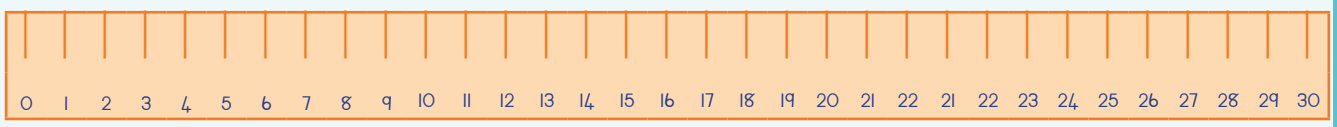
Yizindilinga ezingaki ezakha u-$\frac{3}{6}$ wezindilinga? ☐

Yizindilinga ezingaki ezakha u-$\frac{4}{6}$ wezindilinga? ☐

Yizindilinga ezingaki ezakha u-$\frac{5}{6}$ wezindilinga? ☐







- Khombisa iqhezu likahhafu eruleni. Lilingana namasentimitha a _____
- Khombisa iqhezu lokwesithathu eruleni. Lilingana namasentimitha a _____
- Khombisa iqhezu lokwesithupha eruleni. Lilingana namasentimitha a _____



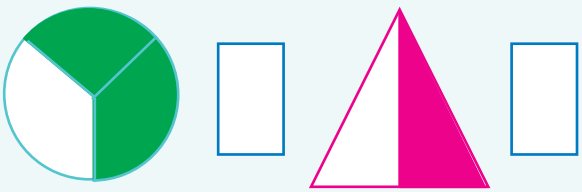
Buka lawa maqhezu. Qedela imisho.

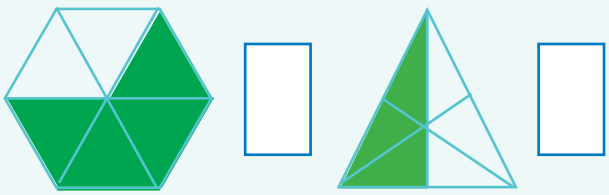
1 okuphelele		
$\frac{1}{2}$	$\frac{1}{2}$	
$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$
$\frac{1}{6}$ $\frac{1}{6}$	$\frac{1}{6}$ $\frac{1}{6}$	$\frac{1}{6}$ $\frac{1}{6}$

- Kunawohhafu aba___ entweni ephelele.
- Kunamaqhezu okwesithathu ama - ___ entweni ephelele.
- Kunamaqhezu okwesithupha ama -___ entweni ephelele.
- Kunamaqhezu okwesithupha ama -___ kuhhafu.
- Kunamaqhezu okwesithupha ama -___ kokwesithathu.



Bhala usho ukuthi indawo ehlikihliwe iyiqhezu elingakanani.





Zungelezela iqhezu elikhudlwana.

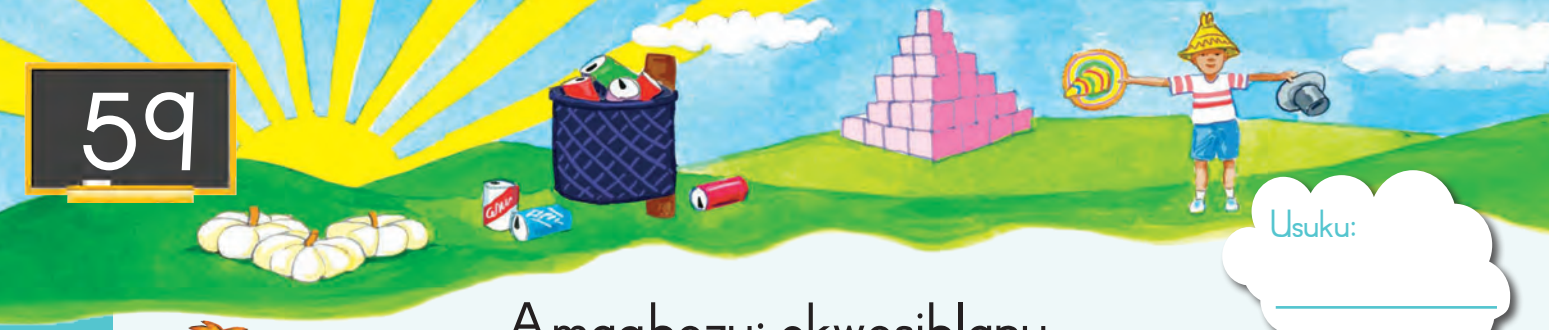
$\frac{1}{2}$ $\frac{1}{3}$

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

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

Teacher:
Sign:
Date:





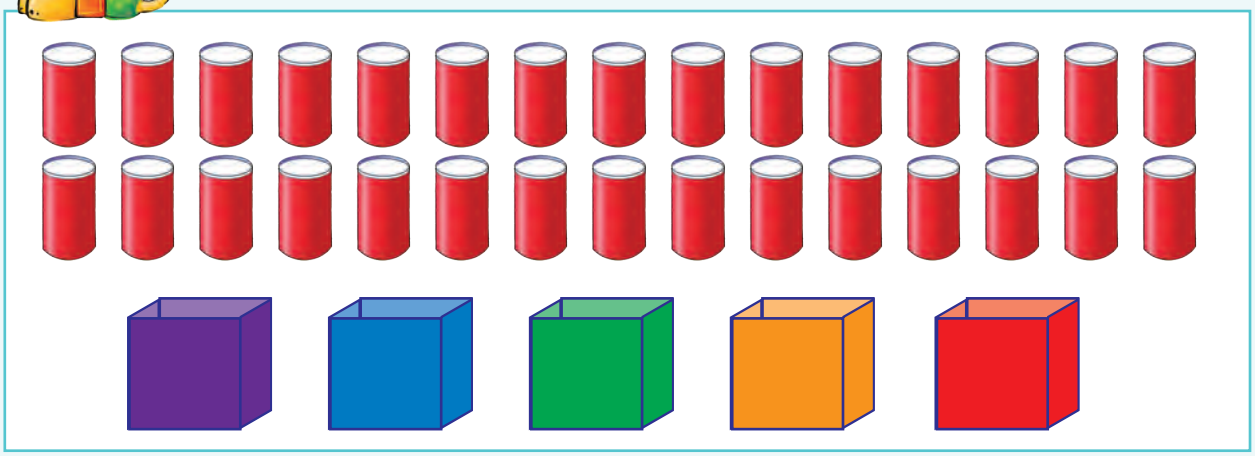
59

Usuku: _____

Amaqhezu: okwesihlanu



Hlukanisa amathini uwafake amabhokisini.



- Emabhokisini a - $\frac{1}{5}$ kunamathini ayisi - 6
- Emabhokisini a - $\frac{2}{5}$ kunamathini ayisi - ☐
- Emabhokisini a - $\frac{3}{5}$ kunamathini ayisi - ☐
- Emabhokisini a - $\frac{4}{5}$ kunamathini ayisi - ☐
- Emabhokisini a - $\frac{5}{5}$ kunamathini ayisi - ☐



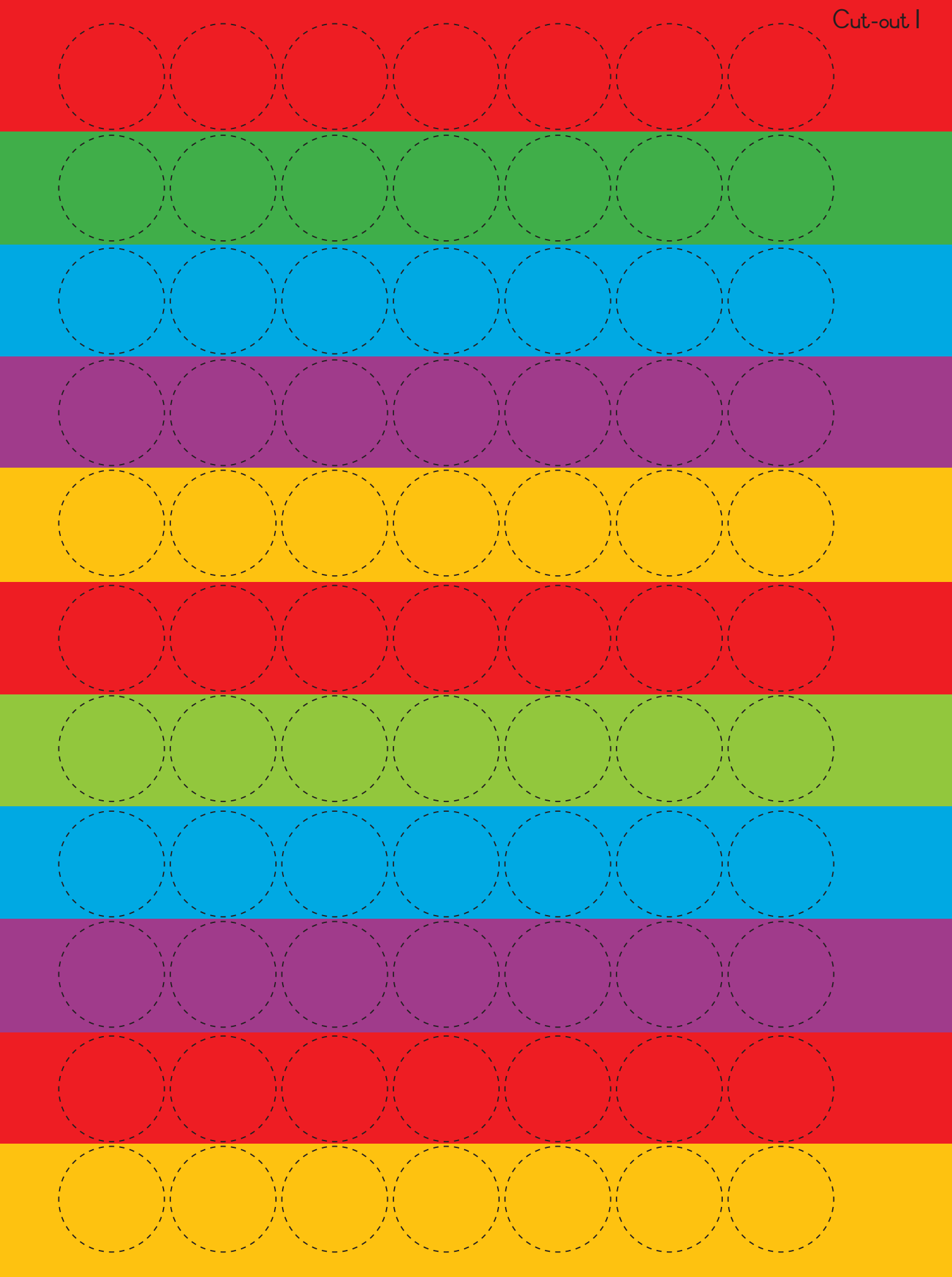
Buka isithombe bese uphendula imibuzo.

Mungaki ushokoledi osebhokisini? ☐



- Ushokoledi o - $\frac{1}{5}$ uchaza ushokoledi obalelwa ☐
- Ushokoledi o - $\frac{2}{5}$ uchaza ushokoledi obalelwa ☐
- Ushokoledi o - $\frac{3}{5}$ uchaza ushokoledi obalelwa ☐
- Ushokoledi o - $\frac{4}{5}$ uchaza ushokoledi obalelwa ☐
- Ushokoledi o - $\frac{5}{5}$ uchaza ushokoledi obalelwa ☐
- Ngidle ushokoledi o - $\frac{1}{5}$ ngosuku lulunye. Mungaki ushokoledi osele? ☐
- Ngidle oku - $\frac{1}{5}$ ngosuku olulodwa. Mungaki ushokoledi osele? ☐







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Cut-out 3

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4	4	0	4	0	0
5	5	0	5	0	0
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7	7	0	7	0	0
8	8	0	8	0	0
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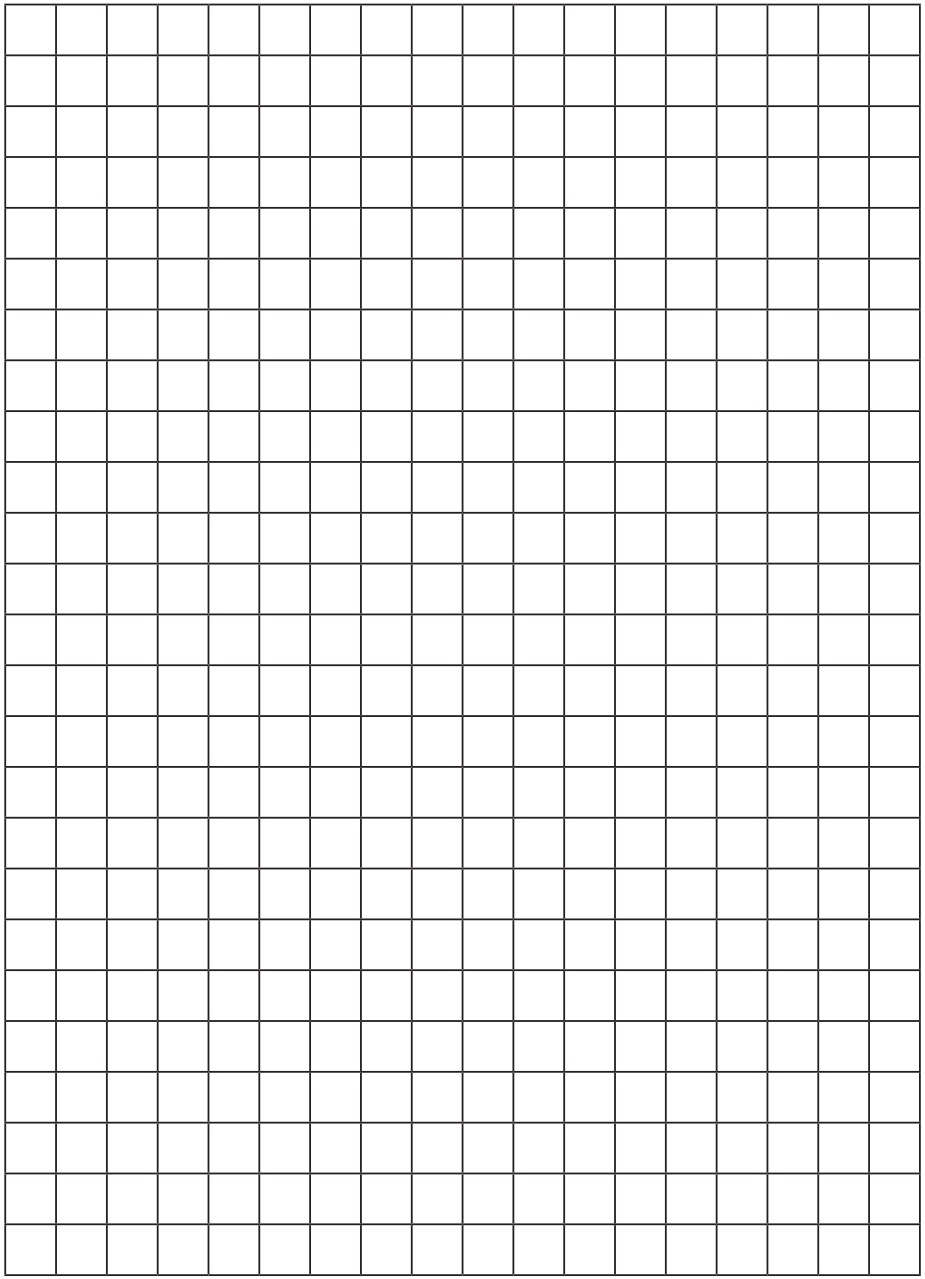
Cut-out 4



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4	0	0	4	0	4
5	0	0	5	0	5
6	0	0	6	0	6
7	0	0	7	0	7
8	0	0	8	0	8
9	0	0	9	0	9

Cut-out 5

