

Ukufunda ngomthethosisekelo waseNingizimu Afrika (1996)

Umthethosisekelo waseNingizimu Afrika (1996) uqukethe imithetho ephakeme kunayo yonke yezwe. Le mithetho ingaphezulu kukaMongameli, ingaphezulu kwezinkantolo futhi ingaphezulu kukaHulumeni.

Uchaza indlela okufanele abantu baphathane ngayo ezweni labo, nokuthi ayini amalungelo abo nemisebenzi yabo komunye nomunye. Umthethosisekelo wezwe wenzelwe ukuthi usivikele thina sonke kanye nekusasa lezingane zethu.

Masiyazi imvelaphi yethu.

Masingawaphindi amaphutha enzeka enkathini eyedlule.

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

Thina, Bantu baseNingizimu Afrika –

Siyakukhumbula ukucekelwa phansi kwamalungelo okwenzeka eminyakeni eyadlula; Sibungaza labo abahluphekela ubulungiswa nenkululeko kulo mhlaba wethu; Sihlonipha labo abasebenzele ukwakha nokuthuthukisa izwe lethu; Futhi sikholelwa ekuthini iNingizimu Afrika ingeyabo bonke abahlala kuyo, sibumbene nakuba singefani.

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

Silungise ukwehlukana kwesikhathi esedlule bese sakha umphakathi owesekelwe yinkolelo yenqubo yentando yeningi, ubulungiswa emphakathini, kanye namalungelo obuntu; Sibeke isesekelo sokwakha umphakathi oqhuba ngendlela yentando yeningi; futhi ovulekile, lapho uHulumeni akhelwe khona phezu kwentando yabantu futhi lapho zonke izakhamuzi zivikelwe ngumthetho ngendlela efanayo; Sithuthukise izinga lokuphila lazo zonke izakhamuzi futhi sikhulule amakhono omuntu ngamunye; futhi—

Sakhe iNingizimu Afrika ebumbene futhi eqhuba ngenqubo yentando yeningi ekwazi ukuthatha indawo yayo efanele njengezwe elizimele emazweni ngamazwe.

Yazisa ilungelo lakho njengesakhamuzi saseNingizimu Afrika uzimisele ukuvikela amalungelo abanye.

Yazi Umqulu wamalunge kanye Nomqulu wezinto ezidinga ukwenziwa.

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

**Ibuyekeziwe –
lhambisana
ne-CAPS**

Ibanga lesi- **3**

IZIBALO NGESIZULU – Ibanga lesi-3 Incwadi yesi-2

ISBN 978-1-4315-0150-2

Igama:

Iklasi:



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

**IZIBALO
NGESIZULU**

Incwadi yesi-2
Ithemu 3 & 4

ISBN 978-1-4315-0150-2



9 781431 501502



**MATHEMATICS IN ISIZULU
GRADE 3 – BOOK 2
TERMS 3 & 4
ISBN 978-1-4315-0150-2**

THIS BOOK MAY NOT BE SOLD.
8th Edition



Isihlalo sabakhubazekile



Inombolo	Isihloko	Ikhasi
65	Izinombolo ezisuka ema-500 ziya ema-600	2
66	Ezinye izinombolo ezisukela ema-500 ziya ema-600	4
67	Izinombolo ezisuka ema-600 ziya ema-700	6
68	Amabalazwe	8
69	Okunye ngezinombolo ama-600 kuya ema-700	10
70	Izinombolo ezisuka ema-650 ziya ema-750	12
71	Izinombolo: ama-700 kuya ema-750	14
72	Onhlangothi-mbili	16
73	Ukususa nokuhlanganisa ema-800	18
74	Okunye ukuhlanganisa nokususa ema-800	20
75	Ukuhlanganisa nokususa kuya ema-800 futhi	22
76	Amaphethini ezinombolo: amashumi kokungama-800	24
77	Ukusondezela eshumini	26
78	Ukuphindaphinda: kusuka kokuhlanu kuya kokungama-75	28
79	Amaphethini ezinombolo: okuhlanu kuyiwa ema-800	30
80	Ubusuku nemini	32
81	Ukuphindaphinda: okungakubili kuze kuyofinyelele ema-75	34
82	Amaphethini ezinombolo: ezingambili kuya ema-800	36
83	Ukuphindaphinda: ngaku-2 nangaku-5 kuze kuyofinyelele ema-75	38
84	Ukuphindaphinda: ngakuthathu kuze kuyofinyelele ema-75	40
85	Ukuphindaphinda: ngaku-2, ngaku-3 nangaku-4 kuze kuyofinyelele ema-75	42
86	Amaphethini ezinombolo: ngaku-3 kuze kuyofinyelele ema-800	44
87	Ukuphindaphinda: ngaku-4 uye ema-75	46
88	Amaphethini ezinombolo: ngaku-4 kuze kuyofinyelele ema-800	48
89	Ukuphindaphinda nokuhlukanisa: ngaku-2, ngaku-3, ngaku-4 nangaku-5 kuze kuyofinyelele ema-75	50
90	Ukwakheka kwezinto eziwonhlangothi-ntathu	52
91	Amasethi emicu yamaqhezu	54
92	Okunye ngamaqhezu	56
93	Ukuhlukanisa okuholela emaqhezwini	58
94	Ibanga elisizungezile	60
95a	Ukuthengiselana ngemali	62
95b	Masiyothenga!	64
96	Okunye ngemininingwane	66
97	Ukusebenza ngamasentimitha	68
98	Izinombolo 700 kuya ema-800	70
99	Okunye ngezinombolo ama-700 kuya ema-800	72
100	Izinombolo 800 kuya ema-900	74
101	Okunye ngezinombolo ama-800 kuya ema-900	76

Inombolo	Isihloko	Ikhasi
102a	Ukukala isisindo sezinto	78
102b	Masiphinde sikale futhi	80
103	Izinombolo 900 kuya e-1 000	82
104	Okunye ngezinombolo ama-800 kuya e-1 000	84
105	Ukuhlanganisa nokususa okufinyelele ema-999	86
106	Mayelana nendlu	88
107	Ukusebenza ngemali	90
108	Okunye ngokuhlanganisa nokususa kuya ema-999	92
109	Ukuhlanganisa nokususa kuya ema-999 futhi	94
110	Amaphazili okukala	96
111	Amaphethini ezinombolo: amashumi kuya ema-900	98
112	Ukusondezela eshumini	100
113	Ukuphindaphinda kanye nokuhlukanisa: okuhlanu kuya e-100	102
114	Amaphethini ezinombolo: okuhlanu kuya e-1 000	104
115	Okunye ngokulingana	106
116	Amaphethini ezinombolo: okungakubili kuze kufinyelele ema-900	108
117	Ukuphindaphinda nokuhlukanisa: okungakubili kuze kufinyelele e-100	110
118	Ukuphindaphinda nokuhlukanisa: okuthathu kuya e-100	112
119	Amaphethini ezinombolo: okuthathu kuya e-1 000	114
120	Ukuphindaphinda nokuhlukanisa: okune kuya e-100	116
121	Amaphethini ezinombolo: okune kuya e-1 000	118
122	Izingxenywe ezilinganayo zento ephilele	120
123	Izibalo zamaqhezu	122
124	Izinto eziwonhlangothi-ntathu	124
125	Amanywe amaqhezu	126
126	Ukubeka amaqoqo nokwabelana	128
127	Amaqhezu kutangramu	130
128a	Ukukala umthamo	132
128b	Kala uthole	134
	Okokusikwa kwesi-5	
	Okokusikwa kwesi-6	
	Okokusikwa kwesi-7	
	Okokusikwa kwesi-8	
	Okokusikwa kwesi-9	
	Okokusikwa kwesi-10	



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 ziyingxenywe 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 yokugala 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 ezilukukethe, bese kuthi wena njengothisha wabo uthokoze kanye nabo ekugcineni.

Sifisela wena nomfundi omfundisayo impumelelo ngenkathi usebenzisa lezi zincwadi.



Published by the Department of Basic Education
222 Struben Street
Pretoria
South Africa
© Department of Basic Education
Eighth edition 2018

ISBN 978-1-4315-0150-2

This book may not be sold.

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

Ibanga lesi-3



Le ncwadi ngeka-:



INTNZISI

Incwadi
yesi-

2

65

Usuku:

Izinombolo ezisuka
ema-500 ziya ema-600

Ithemu 3



Bala bese ubhala.

a. Sebenzisa ishadi elilandelayo ubhale izinombolo ezisuka
ema-500 ziye ema-600.

Phimisela izinombolo ngenkathi ubhala.

500

600

501			504						510
							518		
	522								
					536				
541								549	
							558		
		573							
							588		590
	592			595					600

b. Bhala izinombolo ezidingekayo kule gridi engenhla.

c. Bhala izinombolo eziyi-10 ezitholakala ngale kwama-500.

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

d. Bhala izinombolo eziyi-8 ezilandelayo ezinephethini loku-2.

510; 512; _____; _____; _____; _____; _____; _____; _____

e. Bhala zonke izinombolo eziyiphethini loku-2 usuke ema-548 uye ema-570.

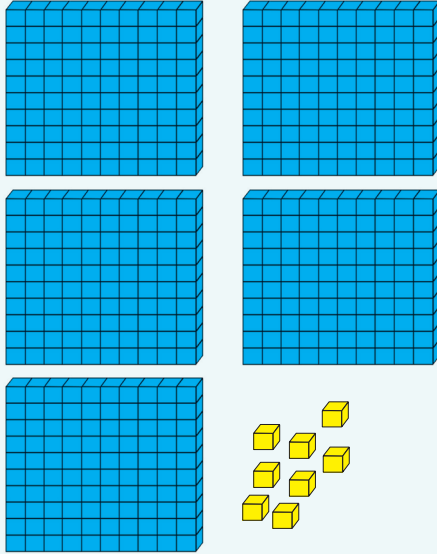
548; _____; _____; _____; _____; _____; _____; _____; _____; _____; 570

f. Bhala izinombolo ezi-8 ezilandelayo eziyiphethini loku-5.

515; 520; _____; _____; _____; _____; _____; _____; _____



Bala uthole ukuthi amabhulokhi mangaki?



Uwabale kanjani amabhulokhi?



Qedela lo mugqa wezinombolo.

540			543				547		549	
							597	598	599	
					597	598	599			



Qedela leli thebhula.

Bhala uqale ngezincane ugcine ngezinkulu

Bhala uqale ngezinkulu ugcine ngezincane

582, 586, 584, 581, 585		
566, 506, 560, 516, 506		



Bhala izinombolo ezilandelayo ngamagama.

520	
-----	--



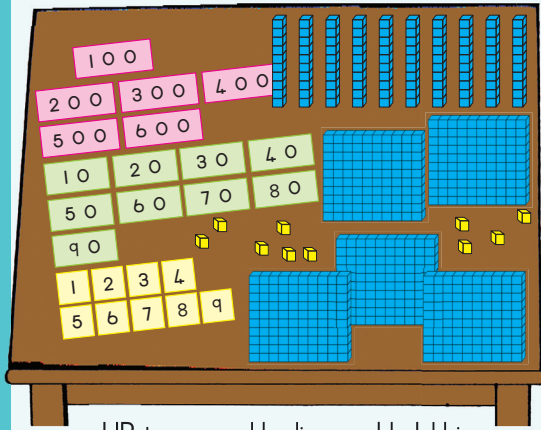
Teacher:
Sign:
Date:

66

Ezinye izinombolo ezisukela
ema-500 ziya ema-600

Usuku:

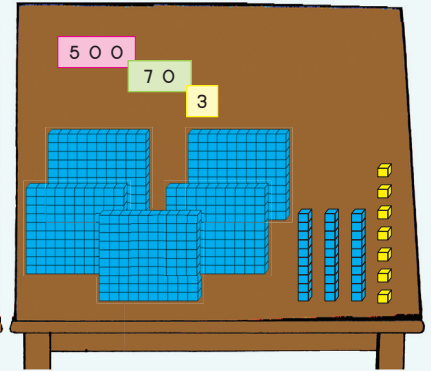
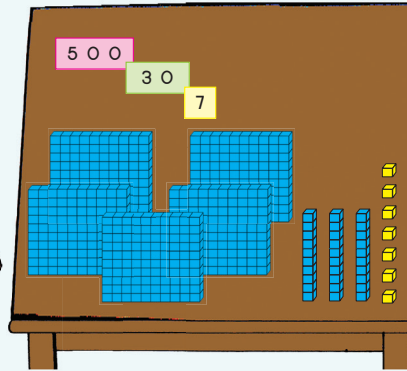
Ithemu 3



UPetru unamakhadi anamabhulokhi
ezinombolo ezingamashumi.

Uthisha ucela uPetru aveze inani
lama-537 ngamakhadi namabhulokhi.

U-Aakar uveze lokhu.
Yini angayenzanga kahle?



Bhala umusho wezinombolo bese unikeza impendulo.

$500 + 10 + 7 =$		
517		



Bhala umusho wezinombolo bese unikeza impendulo.

$500 + 70 + 3$		
=		



Qedela umugqa wezinombolo.

550	551	552								560
-----	-----	-----	--	--	--	--	--	--	--	-----

Bhala zonke izinombolo ezingaphansi kwama-556. _____

Bhala zonke izinombolo ezingaphezulu kwama-556. _____



Hlahlela inombolo yakho.

- Yakha inombolo ngayinye ngamakhadi.
- Bhala izinombolo ezimele *idijithi* ngalinye.

Kunamadijithi alishumi.
0 1 2 3 4 5 6 7 8 9
Siwabeka ndawonye sakhe ngawo izinombolo.

495	
508	
594	
549	
602	

Isibonelo: 517

5	0	0
	1	0
		7
5	1	7

517 500 + 10 + 7



Bhala izinombolo ngamagama.

221	
486	
369	
419	
491	



Teacher: _____
Sign: _____
Date: _____

67

Izinombolo ezisuka ema-600 ziya ema-700

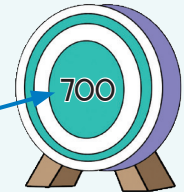
Usuku:



Bala bese ubhala.

- a. Sebenzisa ishadi elilandelayo ubhale izinombolo ezisuka
ema-600 ziye ema-700.
Phimisela izinombolo ngenkathi ubhala.

600



601			604					610
						618		
	622							
				636				
641							649	
						658		
		673						
						688		690
	692		695					700

- b. Bhala izinombolo ezidingekayo kule gridi engenhla.

- c. Bhala izinombolo eziyi-10 ezitholakala ngale kwama-600.

600; _____; _____; _____; _____; _____; _____; _____; _____; _____

- d. Bhala izinombolo eziyi-8 ezilandelayo ezinephethini loku-2.

622; 624; 626; _____; _____; _____; _____; _____; _____

- e. Bhala zonke izinombolo eziyiphethini loku-2 usuke ema-611 uye ema-633.

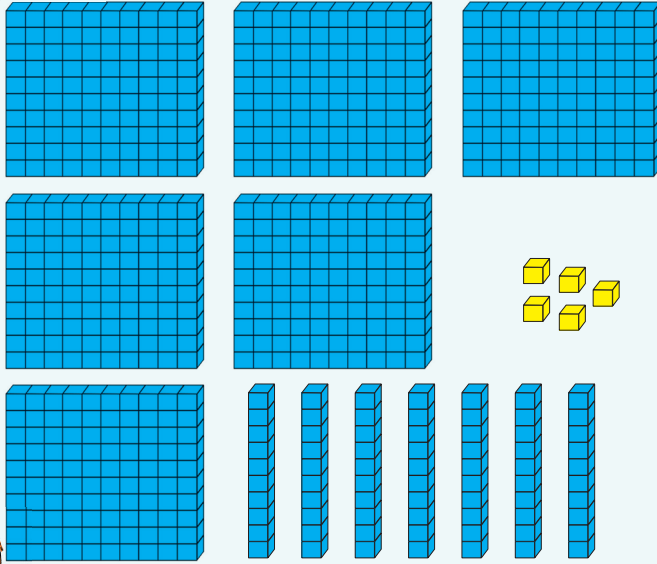
611; _____; _____; _____; _____; _____; _____; _____; _____; 633

- f. Bhala izinombolo ezi-8 ezilandelayo eziyiphethini loku-5.

645; 650; 655; _____; _____; _____; _____; _____



Bala uthole ukuthi amabhulokhi mangaki?



Uwabale kanjani amabhulokhi?



Qedela lo mugqa wezinombolo.

640			643				647		649	
							687	688	689	
					602	604	606			



Qedela leli thebhula.

Bhala uqale ngezincane ugcine ngezinkulu

Bhala uqale ngezinkulu ugcine ngezincane

672, 676, 674, 671, 675		
656, 605, 650, 615, 605		



Bhala izinombolo ezilandelayo ngamagama.

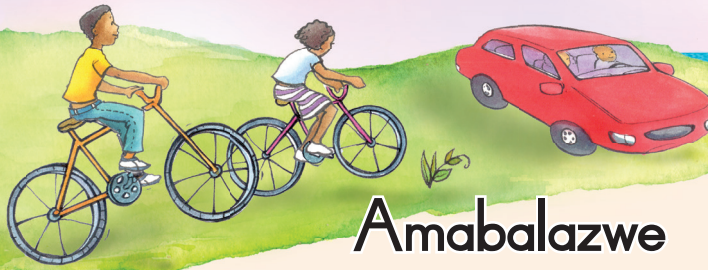
631



Teacher:

Sign:

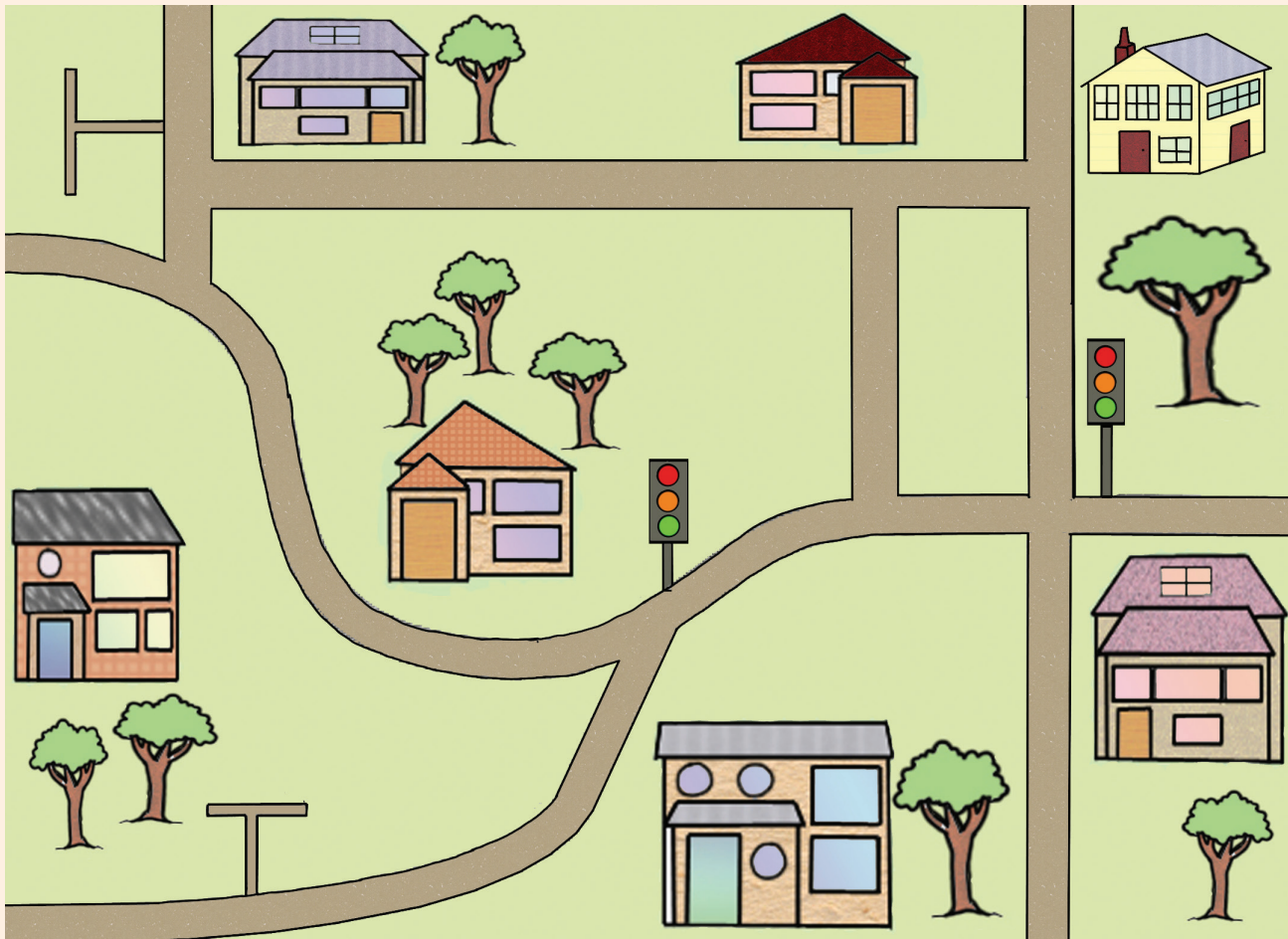
Date:



Amabalazwe

Buka isithombe.

- Kuyini lokhu?
- Sikusebenzisa kuphi lokhu?
- Yini esingayithola ebalazweni?



Dweba lokhu ebalazweni elingezansi:

umtapo wezincwadi, isikole, umtholampilo, isibhedlela, isiteshi samaphoyisa, inxanxathela yezitolo. Ungazihlanganisa izitaladi uma uthanda.



Sebenzisa ibalazwe elisekhasini elandulela leli ukunikeza abangani bakho inkombandlela:

a. ukusuka emtholampilo uya esiteshini samaphoyisa.

b. ukusuka esikoleni uya emtholampilo.

c. ukusuka esikoleni uya enxanxatheleni yezitolo.

d. ukusuka enxanxatheleni yezitolo uya emtatsheni wezincwadi.

e. ukusuka emtatsheni wezincwadi uya esikoleni.

f. ukusuka esibhedlela uya esikoleni.



Teacher:
Sign:
Date:

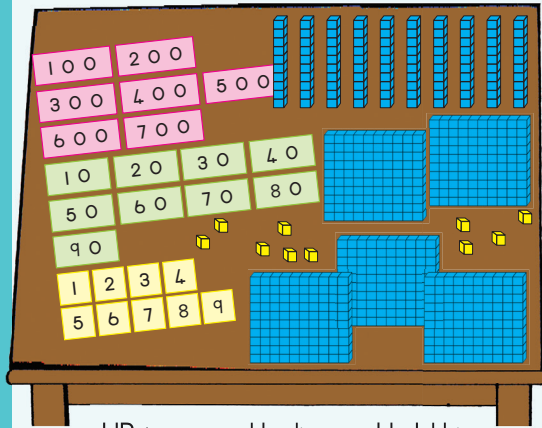
11 12 13 14 15 16 17 18 19 20

69

Usuku:

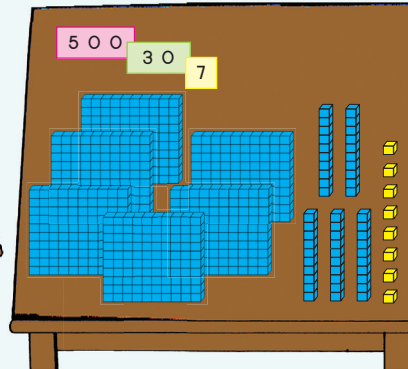
Okunye ngezinombolo
ama-600 kuya ema-700

Ithemu 3

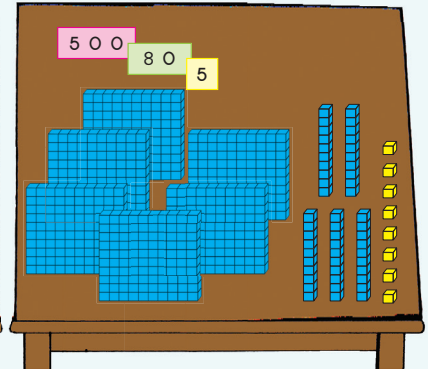


UPetru unamakhadi anamabhulokhi
ezinombolo ezingamashumi.

Uthisha ucela uPetru aveze inani
lama-658 ngamakhadi namabhulokhi.



U-Aakar uveze lokhu.
Yini angayenzanga kahle?



Bhala umusho wezinombolo bese unikeza impendulo.

$600 + 30 + 7 = 637$		

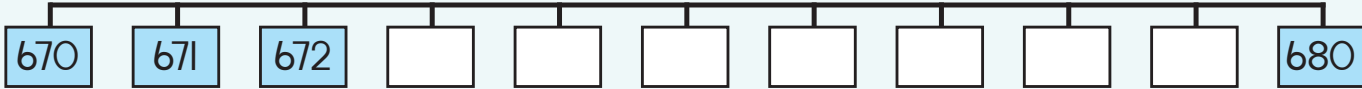


Bhala umusho wezinombolo bese unikeza impendulo.

$600 + 90 + 8 =$		



Qedela umugqa wezinombolo.



Ngibhalele izinombolo ezingaphansi kwama-675. _____

Ngibhalele izinombolo ezingaphezulu kwama-675. _____



Faka olulodwa lwalezi zimpawu esikhaleni: (<,>)

a. 670 _____ 607

b. 688 _____ 699

c. $600 + 50 + 5$ _____ 655



Hlahlela inombolo yakho.

a. Yakha inombolo ngayinye ngamakhadi.

b. Bhala izinombolo ezimele **idijithi** ngalinye. Yenza lokhu-ke manje: Hlahlela inombolo yakho.

686	
690	
699	
673	
665	

Isibonelo: 632

6 0 0

3 0

2

6 3 2

632 $600 + 30 + 2$



Bhala izinombolo ngamagama.

672	
693	
607	
697	
660	



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

70

Usuku:

Izinombolo ezisuka ema-650 ziya ema-750

Ithemu 3

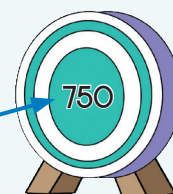


Bala bese ubhala.

a. Sebenzisa ishadi elilandelayo ubhale izinombolo ezisuka
ema-700 ziye ema-750.

Phimisela izinombolo ngenkathi ubhala.

650



						657			
661								669	
		683		685					
		703							
			714						
		723				727			
741		743						749	750

b. Bhala izinombolo ezidingekayo kule gridi engenhla.

c. Bhala izinombolo ezi-10 ezitholakala ngale kwama-650.

650; _____; _____; _____; _____; _____; _____; _____; _____; _____

d. Bhala izinombolo eziyi-8 ezilandelayo ezinephethini loku-2.

705; 707; 709; _____; _____; _____; _____; _____; _____

e. Bhala zonke izinombolo ezinephethini loku-3 ngokusukela ema-719 uye ema-749.

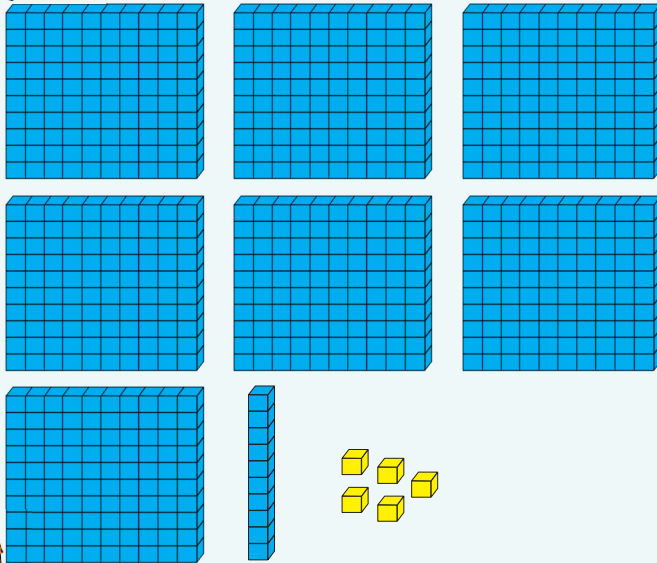
719; _____; _____; _____; _____; _____; _____; _____; _____; 749

f. Bhala izinombolo eziyi-8 ezilandelayo ezinephethini loku-5.

705; 710; 715; _____; _____; _____; _____; _____



Bala uthole ukuthi amabhulokhi mangaki?



Uwabale kanjani amabhulokhi?



Qedela lo mugqa wezinombolo.

700			703				707		709	
							746	747	748	
					706	711	716			



Qedela leli thebhula.

Bhala usuke kokuncane uye kokukhulu

Bhala usuke kokukhulu uye kokuncane

729, 720, 728, 721, 725		
659, 705, 607, 701, 706		



Bhala izinombolo ezilandelayo ngamagama.

706



Teacher:

Sign:

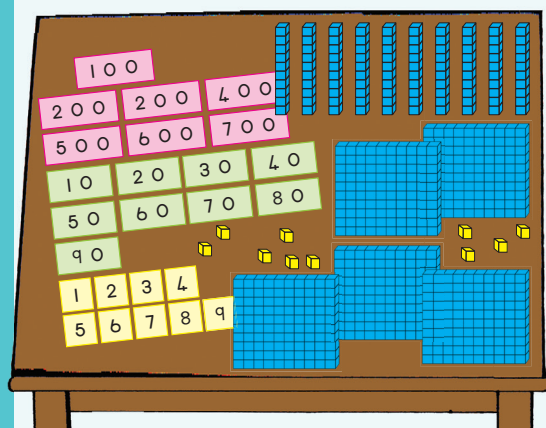
Date:

71

Usuku:

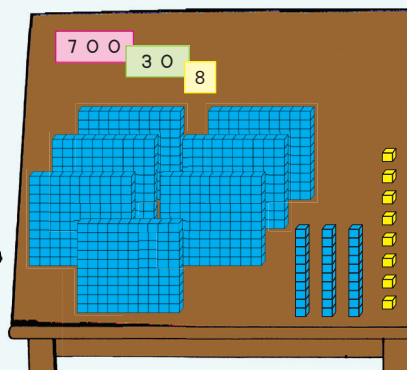
Izinombolo:
ama-700 kuya ema-750

Ithemu 3

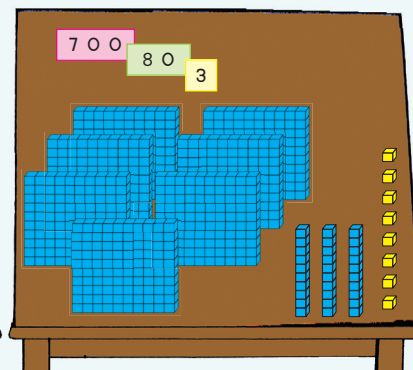


UPetru unamakhadi anamabhulokhi ezinombolo ezingamashumi.

Uthisha ucele uPetru aveze inani lama-738 ngamakhadi namabhulokhi.



UJabu uveze lokhu. Yini angayenzanga kahle?



Bhala umusho wezinombolo bese unikeza impendulo.

$700 + 40 + 3 = 743$		



Bhala umusho wezinombolo bese unikeza impendulo.

$700 + 40 + 5 =$	$700 + 30 =$	$700 + 9 =$



Qedela umugqa wezinombolo.

699	700	701								709
-----	-----	-----	--	--	--	--	--	--	--	-----

Nginikeze zonke izinombolo ezingaphansi kwama-704. _____

Nginikeze zonke izinombolo ezingaphezulu kwama-704. _____



Faka olulodwa lwalezi zimpawu esikhaleni: $<$, $>$ noma $=$

a. 750 _____ 749 b. 732 _____ 723

c. $700 + 40 + 9$ _____ 749



Hlahlela inombolo yakho.

a. Yakha inombolo ngayinye ngamakhadi.

b. Bhala izinombolo ezimele **idijithi** ngalinye. Yenza lokhu-ke manje: Hlahlela inombolo yakho.

750	
728	
703	
730	
749	

Isibonelo: 747

7 0 0

4 0

7

7 4 7

747

$700 + 40 + 7$



Bhala izinombolo ngamagama.

714	
750	
742	
738	
704	



Teacher: _____
Sign: _____
Date: _____

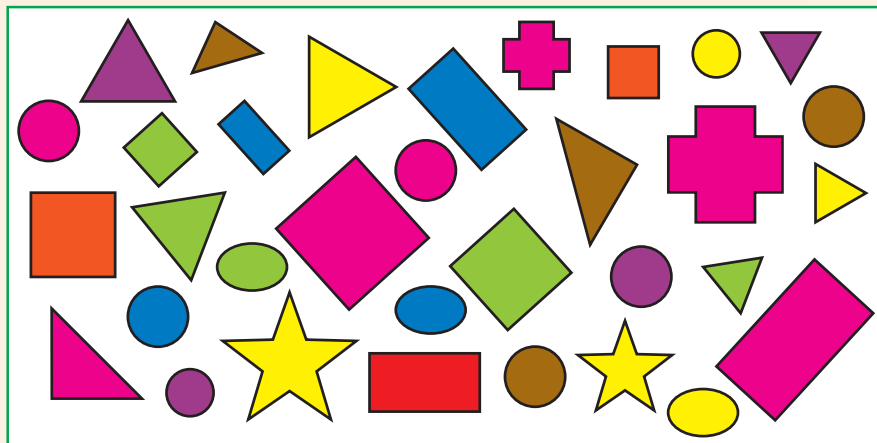
11 12 13 14 15 16 17 18 19 20



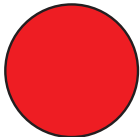
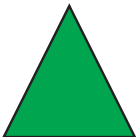
Onhlangothi-mbili

Ithemu 3

Yisho ukuthi kulezi
zimo ngasinye
sinohlangothi
oluqondile yini noma
oluyisiyingi.



Yisho ukuthi isimo sinonqenqema oluqondile yini noma
oluyisiyingi.



Zingaki izimo kwezingezansi
ongazidweba zibe
nonqenqema oluqondile?

--



Thola izithombe

Thola izimo ezinonqenqema oluqondile
uzidwebe ebhokisini elingezansi.

Thola izimo ezinonqenqema olugobile
uzidwebe ebhokisini elingezansi.

--	--



Qedela lokhu:

	Dweba isimo esibukeka ngezindlela ezingafani.
unxantathu	
unxande	
isikwele	



Qedela leli thebhula:

	Nikeza igama lesimo ngasinye	Dweba isimo usenze sibe sincane	Dweba isimo usenze sibe sikhudlwana
			
			
			
			



Thola izikwele, onxantathu, onxande kanye neziyingi eziwosayizi abahlukene ezitholakala emaphephandabeni nasemaphephabhukwini.

Zinamathisele zonke ebhokisini elingezansi.



Teacher:

Sign:

Date:

73

Usuku:

Ukususa nokuhlanganisa ema-800

Ithemu 3



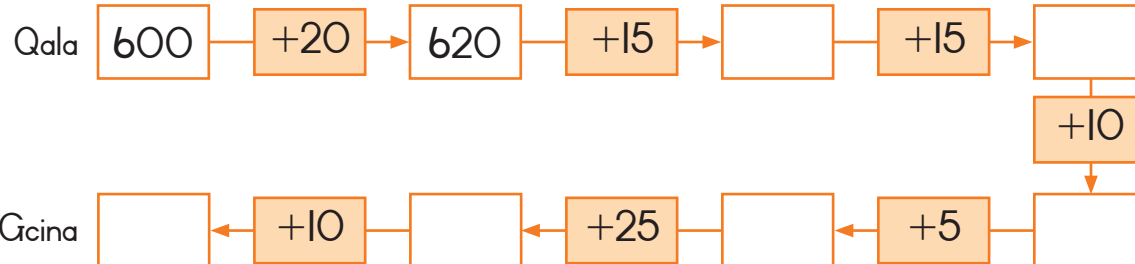
Yini engingayithenga ngama-R500?

Yiziphi kulezi zinto
engingazithola
ngokukhokha
ama-R500?



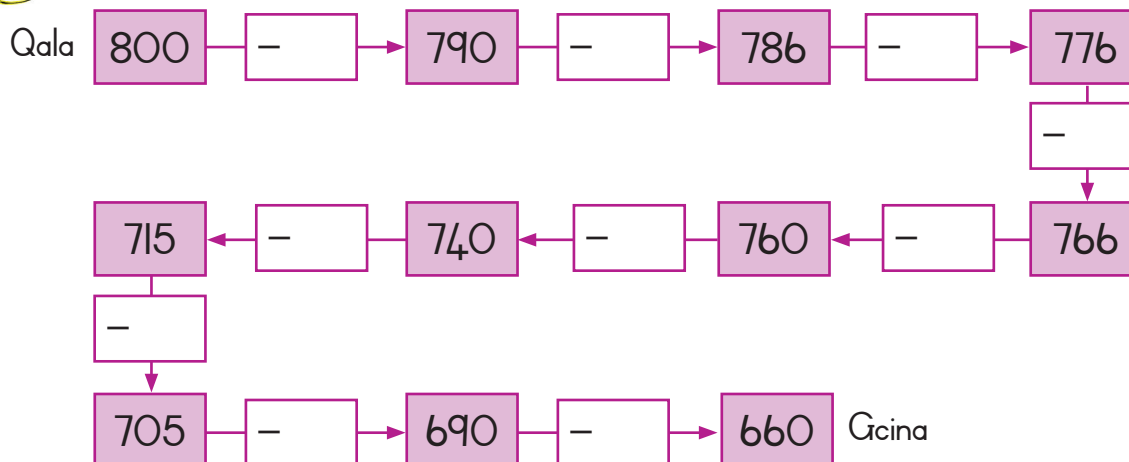
Hlanganisa usukele ema-600.

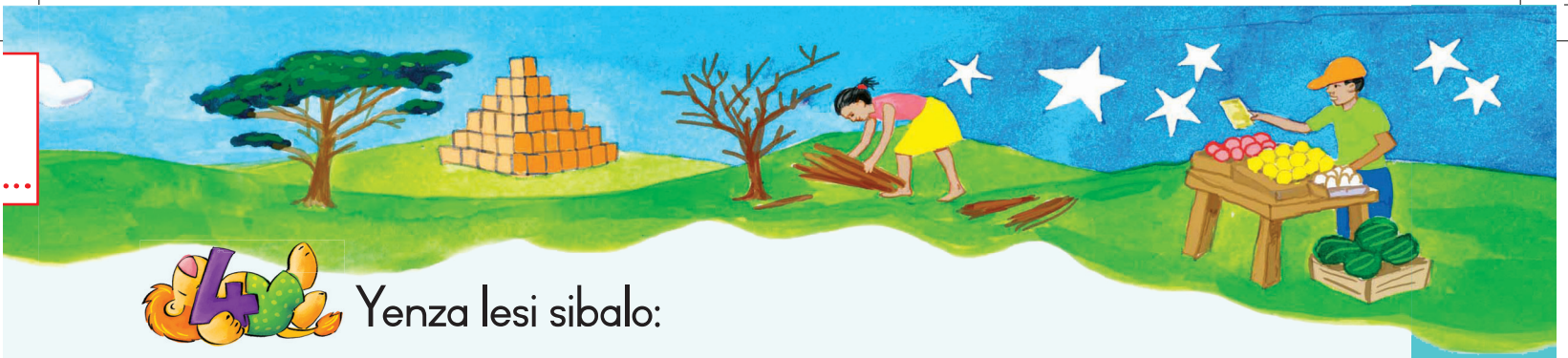
Bhala izinombolo ezidingekayo.



Bala usuke ema-800 uhlehle.

Bhala izinombolo "eziguquka" njalo.





Yenza lesi sibalo:

$$725 + 53 =$$

$$664 + 87 =$$

$$564 + 132 =$$

$$75 + 717 =$$



Yenza lesi sibalo:

UJakobe uthole izimabule ezingama-525.

Uma uSipho emnike ezinye ezingama-205, uJakobe naye ubezoba nezilingana nse nezikaSipho.

- Zingaki izimabule abamele ukuba nazo bobabili zihlanganisiwe?
- Zingaki ezikaSipho eyedwa?

a.

b.



11 12 13 14 15 16 17 18 19 20



74

Okunye ukuhlanganisa nokususa ema-800

Usuku:

Imindeni yezinombolo.

Sivumelekile ukwenza imindeni yezinombolo. Umndeni ngamunye umele ukuba nezinombolo ezimbili ezinkulu, neyodwa encane.

Yenza izibonelo kube ngoku-4, oku-8 ne-12.

$$\begin{array}{ll} 4 + 8 = 12 & 8 + 4 = 12 \\ 12 - 8 = 4 & 12 - 4 = 8 \end{array}$$



Thola le mindeni.

Bhala imisho emi-4 yezinombolo eqoqweni ngalinye lezinombolo.

6 8 14				
17 17 34				
25 45 70				
65 335 400				
240 260 500				



Thola izinto ongazihlanganisa.

Kulo msebenzi sizoka ngokukhomba amaphethini.

$360 - 50 = \square$	$50 + \square = 360$	$\square + 50 = 360$
$570 - 480 = \square$	$480 + \square = 570$	$\square + 480 = 570$
$430 - 31 = \square$	$31 + \square = 430$	$\square + 31 = 430$
$676 - 70 = \square$	$70 + \square = 676$	$\square + 70 = 676$
$799 - 701 = \square$	$701 + \square = 799$	$\square + 701 = 799$



Uhambo olude.

UMnu Mkhize uvakashela umama wakhe ohlala ebangeni elingama-352 km ngemoto. Uyama emva kokuhamba i-166 km. Usazohamba kangakanani ngaphambi kokuthi afike?

UKami nakhu akwenzayo:	UPhumla nakhu akubhalayo:
$352 - 166$ $+4 \quad +30 \quad +100 \quad +52$ $166 \quad 170 \quad 200 \quad 300 \quad 352$ $30 + 4 + 100 + 52$ $= 134 + 52 = 186 \text{ km}$	$352 - 166$ $= 300 + 50 + 2$ $- 100 + 60 + 6$ $= 300 + 40 + 12$ $- 100 + 60 + 6$ $= 200 + 140 + 12$ $- 100 + 60 + 6$ $= 100 + 80 + 6$ $= 186 \text{ km}$
UMbali nakhu akwenzayo:	UPetru nakhu akwenzayo:
$352 - 166$ $166 + 100 \rightarrow 266 + 34 \rightarrow 300 + 52 \rightarrow 352$ $100 + 34 + 52 = 134 + 52 = 186 \text{ km}$	$352 - 166$ $= 352 - 100 - 66$ $= 252 - 66$ $= 252 - 52 - 14$ $= 200 - 14$ $= 186 \text{ km}$
UVeronica nakhu akwenzayo:	ULebo ukhumbula ohhafu kanye nokuhamba ngakubili:
$352 - 166$ $352 - 152 = 200$ $200 - 14 = 200 - 10 - 4$ $= 190 - 4$ $= 186 \text{ km}$	$\text{Uhhafu wama-352 yi-176}$ $\text{Kodwa kumele ngithathe i-166,}$ $\text{ngakho ngibuyisela i-10.}$ $176 + 10 = 186 \text{ km}$

Chaza izindlela ezingafani zokwenza lokhu. Iyiphi oyithanda kakhulu? Ngani?



Thola impendulo yokulandelayo usebenzise elinye iphepha:

Sebenzisa eyodwa yezindlela ezingenhla.

$$746 - 328$$

$$800 - 499$$

Teacher: _____
Sign: _____
Date: _____

75

Ukuhlenganisa nokususa kuye ema-800 futhi

Usuku:

Ithemu 3



Zakhele eyakho imindeni yezinombolo.

Umsebenzi wokuzijwayeza.

5 12 17



$$5 + 12 = 17$$

$$12 + 5 = 17$$

$$17 - 12 = 5$$

$$17 - 5 = 12$$

Isibonelo: Yenza i-17

$$8 + 9 = 17$$

$$9 + 8 = 17$$

$$17 - 9 = 8$$

$$17 - 8 = 9$$

8 9 17



Hlola!
Qhathanisa!
Hlola!

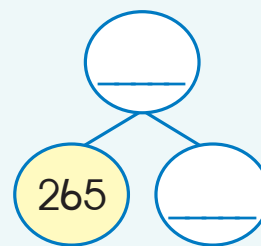
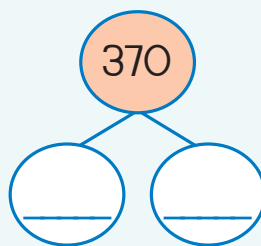
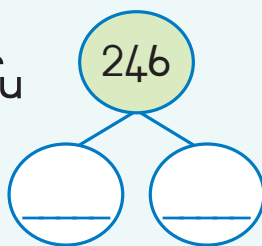
Enombolweni ngayinye ngezansi, khetha ezi-2 wenze ngazo umndeni.

Bhala imisho emi-4 yezinombolo (okubili + nokubili -) emndenini ngamunye wezinombolo.

			+	+	-	-
16	7	9	$7 + 9 = 16$	$9 + 7 = 16$	$16 - 9 = 7$	$16 - 7 = 9$
20						
200						
75						
50						
500						
190						



Thola ohhafu
kanye nezinombolo
ezihamba ngazimbili.





Ukuhhafula uma uzosusa.

Uma ukwazi ukuhhafula kanye nokuphinda kabili, ungabuye ukusebenzisele ukuhlanganisa nokususa.

Izibonelo:

$$\begin{aligned} 34 - 18 &= 16 \\ 34 - 17 &= 17 \\ 17 - 1 &= 16 \end{aligned}$$

$$\begin{aligned} 190 - 97 \\ 190 - 95 &= 95 \\ 95 - 2 &= 93 \end{aligned}$$

$$\begin{aligned} 65 + 69 \\ 65 + 65 &= 130 \\ 130 + 4 &= 134 \end{aligned}$$

$$\begin{aligned} 242 + 249 \\ &= 242 + 242 + 7 \\ &= 484 + 7 \\ &= 491 \end{aligned}$$

Ake uzame lokhu:

$$340 - 176$$

$$145 + 148$$

$$900 - 452$$



Cwalinga izindlela.

Izingane zingama-256, iyinye ithola isipho sikaKhisimuzi. Uhhafu wazo unikwa onodoli, bese kuthi uhhafu unikwe izimoto. Zingaki izingane ezithola izimoto?

Indlela yoku-1

$$\begin{aligned} 256 &= 200 + 50 + 6 \\ \rightarrow \text{Uhhafu wama-200 yi-100} \\ \rightarrow \text{Uhhafu wama-50 ngama-25} \\ \rightarrow \text{Uhhafu we-6 ngoku-3} \\ 100 + 25 + 3 &= 128 \\ \rightarrow \text{Uhhafu wama-256 yi-128} \\ \text{Ngakho i-128 lezingane lithola izimoto} \end{aligned}$$

Indlela yesi-2

$$\begin{aligned} \rightarrow \text{Uhhafu wama-250 yi-125} \\ \rightarrow \text{Uhhafu we-6 ngoku-3} \\ 125 + 3 &= 128 \\ \rightarrow \text{Uhhafu wama-256 yi-128,} \\ \text{Ngakho i-128 lezingane lithola izimoto.} \end{aligned}$$



Thola impendulo yokulandelayo usebenzise elinye iphepha:

Sebenzisa eyodwa yezindlela ezingenhla.

Izingane ezingama-728 zinikwa ithoyisi ingane ngayinye esitolo sokudla sasendaweni. Uhhafu uthola amabhulokhi okudlala. Zingaki ezithola amabhulokhi okudlala?

Izingane ezingama-642 zinikwa imafini ingane ngayinye. Uhhafu uthola amamafini anoshokoledi. Zingaki ezithola amamafini kashokoledi?



76

Usuku:

Amaphethini ezinombolo: amashumi kokungama-800

Ithemu 3



Yini ongayisho ngezinombolo ezisemabhulokhini afakwe umbala?

Thola amashumi ase-710 kuya ema-800. Yini elandela emva kwama-720 uma ubala ngamashumi?

Ukubala ngamashumi uhlehle usuka ema-800 uya ema-710. Yini engaphambili kwama-760 uma ubala uhlehla?

701	702	703	704	705	706	707	708	709	710
711	712	713	714	715	716	717	718	719	720
721	722	723	724	725	726	727	728	729	730
731	732	733	734	735	736	737	738	739	740
741	742	743	744	745	746	747	748	749	750
751	752	753	754	755	756	757	758	759	760
761	762	763	764	765	766	767	768	769	770
771	772	773	774	775	776	777	778	779	780
781	782	783	784	785	786	787	788	789	790
791	792	793	794	795	796	797	798	799	800



Qedela imisho yezinombolo.

720; 730; 740; _____; _____; _____

800; 790; 780; _____; _____; _____



Hlanganisa noma ususe ishumi.

I. Hlanganisa ishumi nenombolo oyinikeziwe.
Sikwenzele okokuqala.

a) $767 + 10 = 777$

b) 762 _____

c) 783 _____

d) 756 _____

e) 714 _____

f) 799 _____



2. Susa ishumi enombolweni oyinikeziwe. Sikwenzele okokuqala.

a. $767 - 10 = 757$

b. 762 c. 783 d. 756 e. 714 f. 799

3. Kwenzekani uma uhlanganisa noma ususa ishumi ezinombolweni ezingenhla?



Buka iziyingi ezibomvu ebhodini lezinombolo.

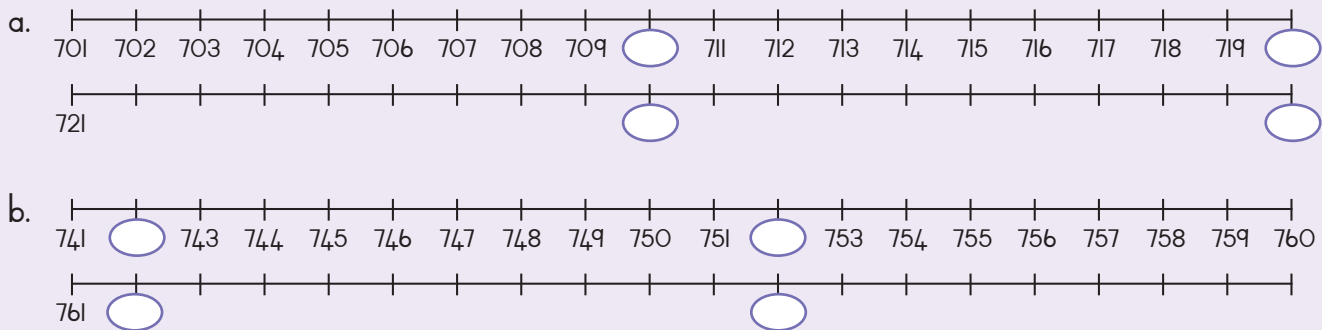
a. Yini oyibona kulezi ziyingi? _____

b. Yelula lolu hide olulandelayo lwezinombolo:

704; 714; 724; _____; _____; _____ 782; 772; 762; _____; _____; _____
 715; 725; 735; _____; _____; _____ 737; 747; 757; _____; _____; _____
 799; 789; 779; _____; _____; _____



Gcwalisa inombolo efanele esiyisingini ngasinye kule migqa yezinombolo.



Nginenombolo enamadijithi ama-3.

Idijithi lokuqala yisi-7, elilandelayo limele oku-1 ngaphezulu kwesikhombisa, elokugcina idijithi lingaphansi kwesikhombisa.

Uma ubala uqhubeka ngamashumi usuka kule nombolo, iyiphi inombolo ozoyithola?



Teacher: _____
 Sign: _____
 Date: _____

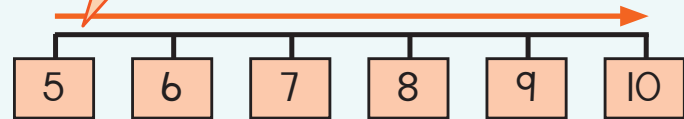
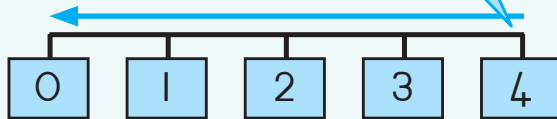
77

Usuku:

Ukusondezela eshumini

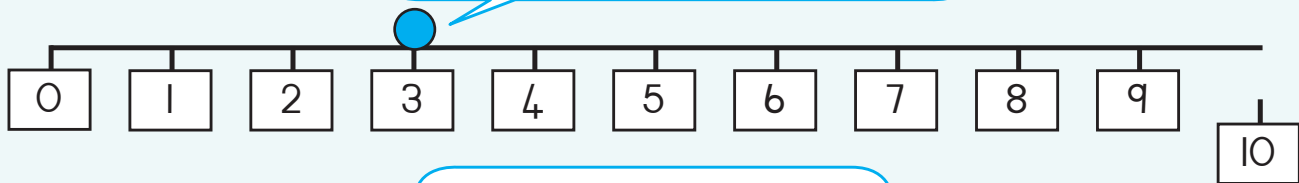
Zonke izinombolo ezihlelayo ezisuka koku-4 zidinga ukusondezelwa e-0.

Zonke izinombolo eziqhubeka koku-5 zidinga ukusondezelwa e-10.

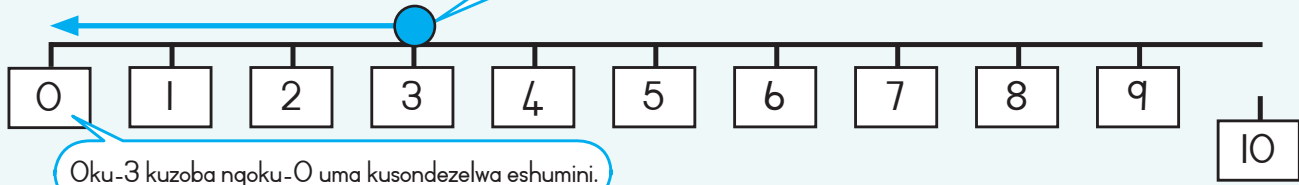


Masikhulume.

Oku-3 kuzoba ngokungaki uma kusondezelwa eshumini?



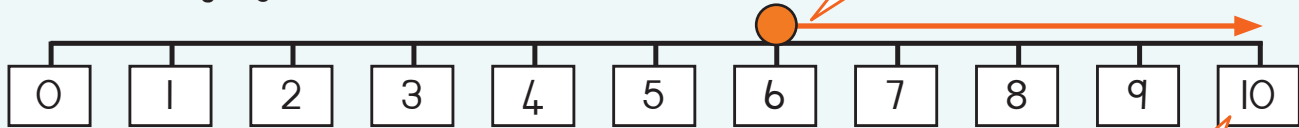
Oku-3 kuzoba ngubani uma kusondezelwa?



Oku-3 kuzoba ngoku-0 uma kusondezelwa eshumini.

Yenza okufanayo ngalezi:

Oku-6 kuzoba ngokungaki uma kusondezelwa eshumini?



Ipendulo ithi kuzoba yi-10.



Sondezela eshumini.

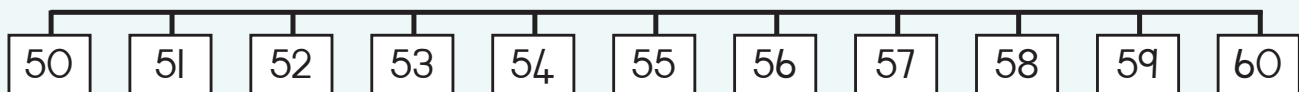
Okuyi-12 kuzoba ngoku-_____ uma kusondezelwa eshumini.

Okuyi-19 kuzoba ngoku-_____ uma kusondezelwa eshumini.



Ama-58 azoba ngama-_____ uma esondezelwa eshumini eliseduze.

Ama-59 azoba ngama-_____ uma esondezelwa eshumini eliseduze.

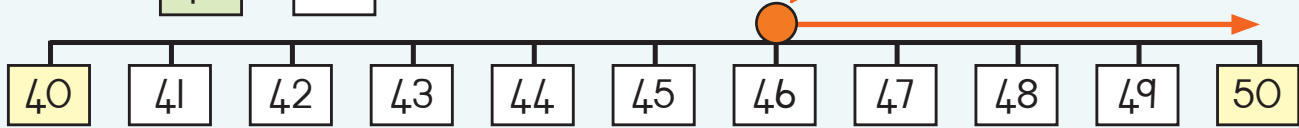




Sondezela e-10 eliseduze usebenzisa umugqa wezinombolo ozokusiza.

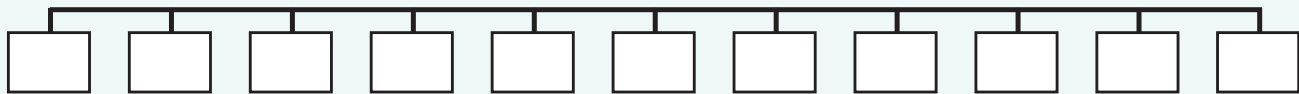
a. 46

Uphakathi kwamaphi amashumi amabili u-46?



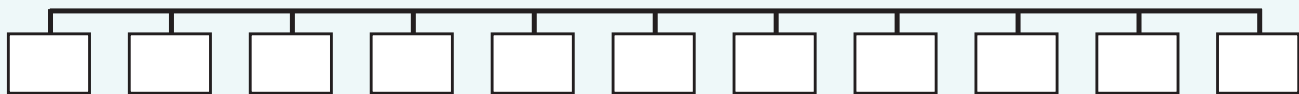
b. 63

Uphakathi kwamaphi amashumi amabili u-63?



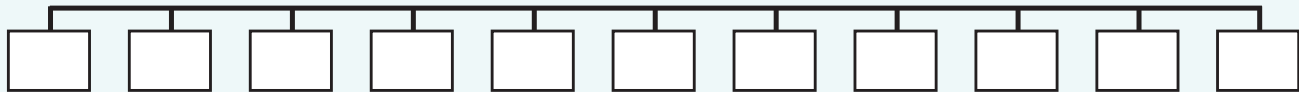
c. 37

Uphakathi kwamaphi amashumi amabili u-37?



d. 99

Uphakathi kwamaphi amashumi amabili u-99?



UThomi unama-R48,00.

Iphakethe lamakhadi alitholile limbize ama-R5,00.

Uzokwazi ukuthenga amangaki esewonke amakhadi ngama-R48,00?



Teacher: _____
Sign: _____
Date: _____

Ukuphindaphinda: kusuka kokuhlanu kuya kokungama-75

Ithemu 3

Yini enokungakuhlanu?
Iminwe yesandla esisodwa:



Mingaki iminwe:

Ezandleni ezi-2

Ezandleni ezi-3

Ezandleni ezi-4

Ezandleni ezi-5

Ezandleni ezi-6

Ezandleni ezi-7

Ezandleni ezi-8

Ezandleni ezi-9

Ezandleni ezi-10

Qondanisa isibalo nombuzo
ongakwesokunxele:

$$9 \times 5 = 45$$

$$7 \times 5 = 35$$

$$2 \times 5 = 10$$

$$4 \times 5 = 20$$

$$3 \times 5 = 15$$

$$5 \times 5 = 25$$

$$10 \times 5 = 50$$

$$6 \times 5 = 30$$

$$8 \times 5 = 40$$



Qedela ithebhula.

Amaqembu	Phindaphinda	Ukuhlukanisa	Hlukanisa
Amaqembu ama-2 anokungaku-5	$2 \times 5 = 10$	Ukuhlukanisa okuyi-10 ngoku-5	$10 \div 5 = 2$
Amaqembu ama-7 anokungaku-5		Ukuhlukanisa okungama-35 ngoku-5	
Amaqembu ayi-12 anokungaku-5		Ukuhlukanisa okungama-60 ngoku-5	
Amaqembu ayi-15 anokungaku-5		Ukuhlukanisa okungama-75 ngoku-5	



Qedela ithebhula.

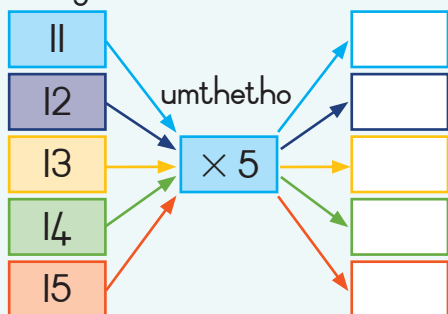
Ukuhlukanisa	Hlukanisa
Ukuhlukanisa okuyi-12 ngoku-5	$12 \div 5 = 2$ okusele 2
Ukuhlukanisa okungama-64 ngoku-5	
Ukuhlukanisa okungama-39 ngoku-5	
Ukuhlukanisa okungama-73 ngoku-5	



Qedela ishadi lokulandelanayo.

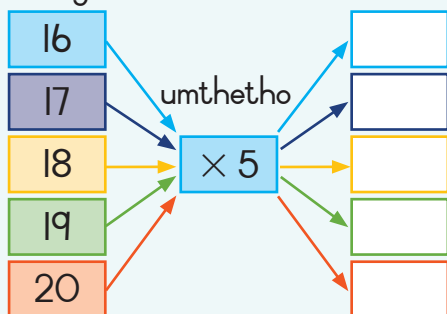
okungenisiwe

okukhiqiziwe



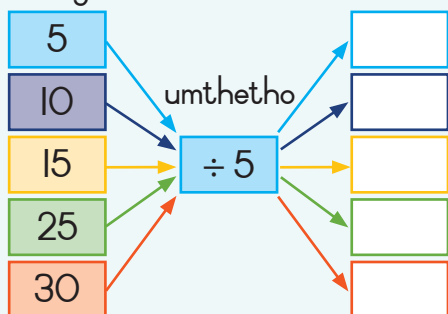
okungenisiwe

okukhiqiziwe



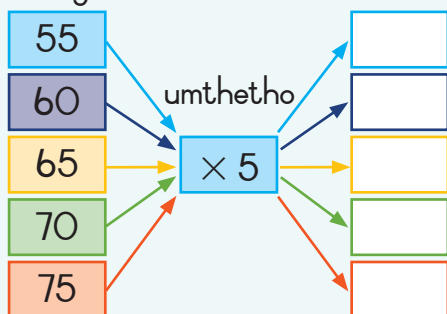
okungenisiwe

okukhiqiziwe



okungenisiwe

okukhiqiziwe



Qedela ithebhula elingezansi.

×	1	2	3	4	5	6	7	8	9	10
5										

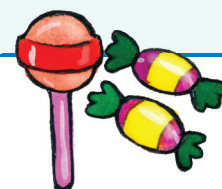
×	11	12	13	14	15	16	17	18	19	20
5										

Uyithole kanjani impendulo emabhulokhini anombala osasibhakabhaka?



Xazulula okulandelayo.

Umama uthenge amaphakethe amaswidi ema-R70.
Ukhokhe ama-R5 ngephakethe ngalinye.
Uthenge amaphakethe amangaki amaswidi?



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

79

Usuku:

Amaphethini ezinombolo: okuhlanu kuyiwa ema-800

Ithemu 3



Yini ongayisho ngezinyombolo ezisemabhulokhini asawolintshi?

Bala okungaku-5 ema-705 kuya ema-800. Yini eza emva kwama-720 uma ubala ngakuhlanu?

Bala ngakuhlanu uhlehle usuke ema-800 uye ema-705. Yini engaphambili kwama-730 uma ubala uhlehla?

701	702	703	704	705	706	707	708	709	710
711	712	713	714	715	716	717	718	719	720
721	722	723	724	725	726	727	728	729	730
731	732	733	734	735	736	737	738	739	740
741	742	743	744	745	746	747	748	749	750
751	752	753	754	755	756	757	758	759	760
761	762	763	764	765	766	767	768	769	770
771	772	773	774	775	776	777	778	779	780
781	782	783	784	785	786	787	788	789	790
791	792	793	794	795	796	797	798	799	800



Qedela imisho yezinombolo.

725; 730; 735; _____; _____; _____

800; 795; 790; _____; _____; _____



Hlanganisa noma ususe okuhlanu.

I. Hlanganisa okuhlanu nenombolo oyinikiwe.
Sikwenzele okokuqala.

a. $760 + 5 = 765$

b. 725 _____

c. 780 _____

d. 755 _____

e. 715 _____

f. 790 _____



2. Susa okuhlanu enombolweni oyinikiwe. Sikwenzele okokuqala.

b. 760

c. 785

d. 750

e. 715

f. 790

3. Kwenzekani uma ususa noma uhlanganisa okuhlanu ezinombolweni ezingenhla?



Buka iziyingi ezibomvu ebhodini lezinombolo.

a. Ubonani kulezi ziyingi? _____

b. Yelula lolu hide lwezinombolo:

703; 708; 713; _____; _____; _____

722; 727; 732; _____; _____; _____

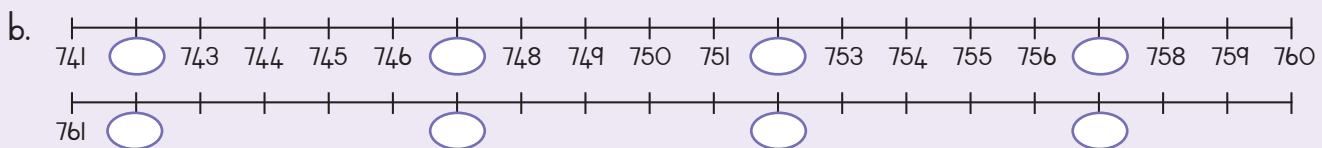
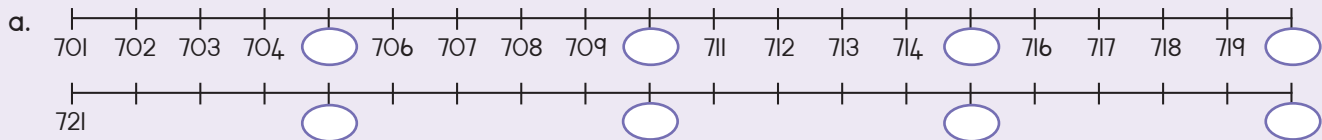
753; 758; 763; _____; _____; _____

714; 719; 724; _____; _____; _____

701; 706; 711; _____; _____; _____



Gcwalisa inombolo efanele esiyisingini kule migqa yezinombolo.



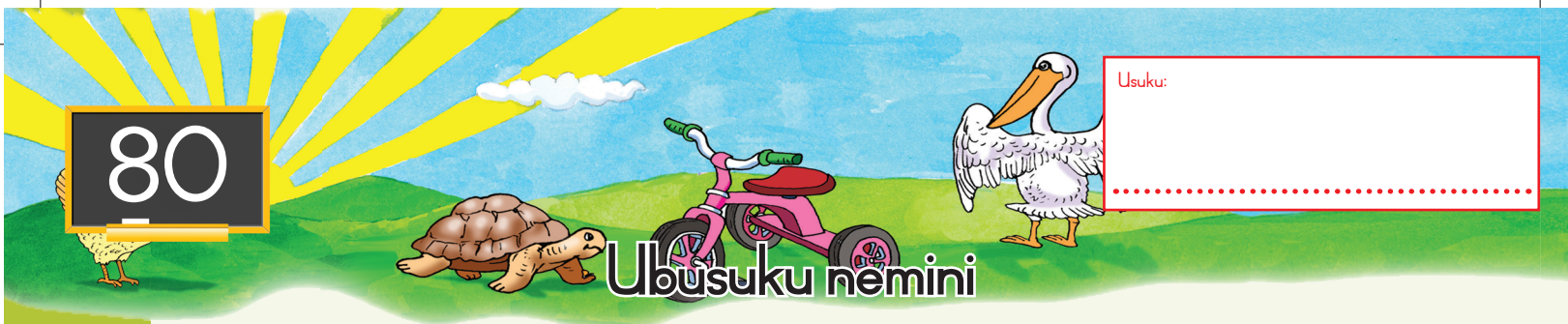
Nginenombolo enamadijithi ama-3.

Idijithi lokuqala yisi-7, elilandelayo limele oku-1 ngaphezulu kwesikhombisa, elokugcina idijithi lingaphansi kwesikhombisa.

Uma ubala ngakuhlanu uqhubeka usuka kule nombolo, iyiphi inombolo ozoyithola?



Teacher: _____
Sign: _____
Date: _____

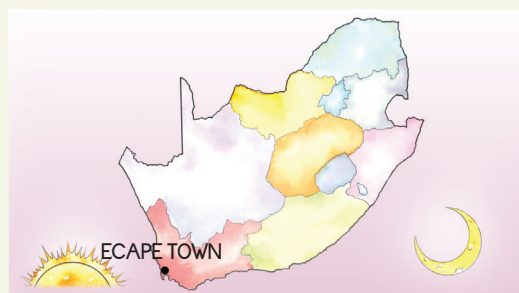


Ubusesuku nemini



ICape Town

Ithebhula elingezansi likhombisa ukuphuma kwelanga nokushona kwalo ngezikhathi ezahlukahlukeni onyakeni eCape Town. Funda izikhathi ethebhuleni bese ugqwalisa ithebhula lonke ngaphambi kokuphendula imibuzo engezansi.



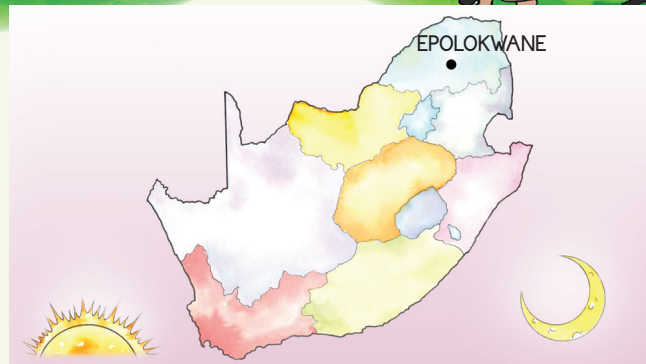
ECape Town	Ukuphuma kwelanga	Ukushona kwelanga	Ubude bemini	Ubude bobusuku
Zingama-23 kuNdasa	6:53 am	6:53 pm		
Zingama-21 kuNhlangulana	7:51 am	5:44 pm		
Ziyi-19 kuMandulo	6:41 am	6:41 pm		
Zingama-22 kuZibandlela	5:32 am	7:58 pm		

- Kukuziphi izinyanga lapho imini nobusuku kulingana khona ngobude? _____
- Iyiphi inyanga enemini ende? _____
- Iyiphi inyanga enemini emfushane? _____
- Thola umahluko phakathi kwamahora nemizuzu phakathi kwemini ende kunazo zonke kanye nemfushane kunazo zonke. _____
- Thola ubude bemini nobusuku kwalolo nalolo lusuku ethebhuleni elingenhla. _____



EPolokwane

Ithebhula elingezansi likhombisa ukuphuma kwelanga nokushona kwalo ngezikhathi ezahlukahlukeni onyakeni ePolokwane. Funda izikhathi ethebhuleni bese ugcwalisa ithebhula lonke ngaphambi kokuphendula imibuzo engezansi.



EPolokwane	Ukuphuma kwelanga	Ukushona kwelanga	Ubude bemini	Ubude bobusuku
Zingama-25 kuNdasa	6:08 am	6:08 pm		
Zingama-21 kuNhlangulana	6:44 am	5:24 pm		
Ziji-17 kuMandulo	5:57 am	5:57 pm		
Zingama-22 kuZibandlela	5:13 am	6:50 pm		

- Kukuziphi izinyanga lapho imini nobusuku kulingana khona ngobude? _____
- Kukuziphi izinyanga kulezi lapho ubude bemini bulingana khona eCape Town nasePolokwane? _____
- Kukuziphi izinyanga lapho kunokwehlukana khona? _____
- Thola umahluko phakathi kwamahora nemizuzu phakathi kwemini ende kunazo zonke kanye nemfushane kunazo zonke. _____
- Thola **ubude** bemini nobusuku kwalolo nalolo lusuku ethebhuleni elingenhla.. _____



Cela othile ozokusiza ukuthola ukuthi ilanga liphuma nini lishone nini ngakini. Bhala lokhu ulandele isonto libe linye. Ngabe imini iyafinyela noma iyeluleka?

Teacher:

Sign:

Date:

Ukuphindaphinda: okungakubili kuze kufinyelele ema-75

Ithemu 3

Yini ehamba ngambili?
Yipheya lezicathulo.



Qedela ithebhula.

Zingaki izicathulo kula mapheya?

Ipheya eli-1 lezicathulo?

- Amapheya a-2
- Amapheya a-3
- Amapheya a-4
- Amapheya a-5
- Amapheya ayi-6
- Amapheya ayi-7
- Amapheya ayi-8
- Amapheya ayi-9
- Amapheya ayi-10

Qondanisa isibalo nombuzo
ongakwesokunxele:

$$\begin{aligned}
 1 \times 2 &= 2 \\
 9 \times 2 &= 18 \\
 7 \times 2 &= 14 \\
 2 \times 2 &= 4 \\
 4 \times 2 &= 8 \\
 3 \times 2 &= 6 \\
 5 \times 2 &= 10 \\
 10 \times 2 &= 20 \\
 6 \times 2 &= 12 \\
 8 \times 2 &= 16
 \end{aligned}$$

Amaqoqo	Phindaphinda	Ukuhlukanisa	Hlukanisa
Amaqoqo ayi-10 ezinto ezihamba nga-2	$10 \times 2 = 20$	Hlukanisela abantu aba-2 izinto ezingama-20	$20 \div 2 = 10$
Amaqoqo ayi-15 ezinto ezihamba nga-2		Hlukanisela abantu aba-2 izinto ezingama-30	
Amaqoqo angama-20 ezinto ezihamba nga-2		Hlukanisela abantu aba-2 izinto ezingama-40	
Amaqoqo angama-35 ezinto ezihamba nga-2		Hlukanisela abantu aba-2 izinto ezingama-70	



Qedela ithebhula.

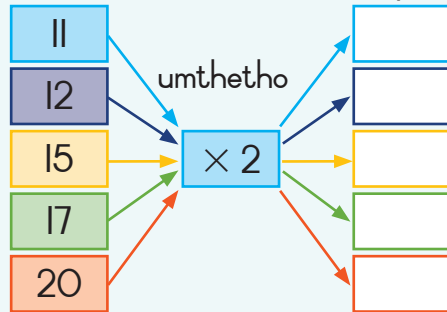
Ukuhlukanisa	Hlukanisa
Hlukanisela abantu aba-2 izinto ezingama-21	$21 \div 2 = 10$ kusala 1
Hlukanisela abantu aba-2 izinto ezingama-33	
Hlukanisela abantu aba-2 izinto ezingama-67	
Hlukanisela abantu aba-2 izinto ezingama-75	



Qedela ishadi lokulandelanayo.

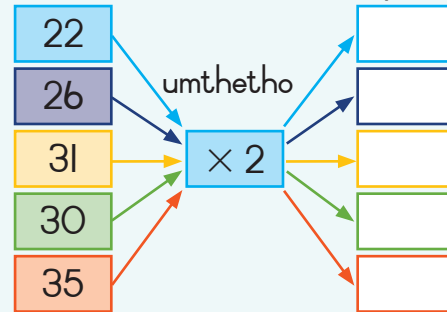
okungenisiwe

okukhiqiziwe



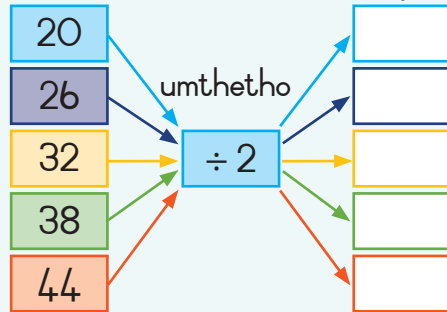
okungenisiwe

okukhiqiziwe



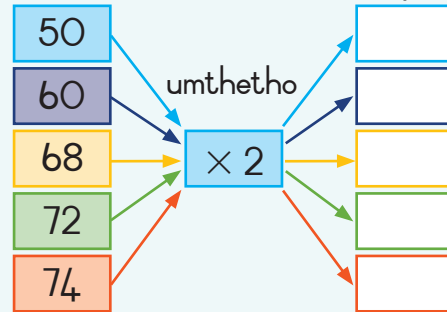
okungenisiwe

okukhiqiziwe



okungenisiwe

okukhiqiziwe



Qedela la mathebhula angezansi:

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

×	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
2																	



Xazulula lesi sibalo:

Ngithenge amaswidi angama-36 ngama-R2.
Ngikhokhe ama-R50, R20 kanye nama-R5 ayizinhlamvu.
Ungakanani ushintshi wami?



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

Amaphethini ezinombolo: ezingambili kuya ema-800

Ithemu 3



Yini ongayisho ngezinyombolo ebhulokhini elinombala osawolintshi?

Bala uhlehle ngaku-2, usuke ema-700 uye ema-800.

Iyiphi inombolo eza emva kwama-700 uma ubala ngakubili?

Bala uhlehle usuke ema-800 uye ema-710.

Iyiphi inombolo eza ngaphambi kwama-750 uma ubala uhlehla?

701	702	703	704	705	706	707	708	709	710
711	712	713	714	715	716	717	718	719	720
721	722	723	724	725	726	727	728	729	730
731	732	733	734	735	736	737	738	739	740
741	742	743	744	745	746	747	748	749	750
751	752	753	754	755	756	757	758	759	760
761	762	763	764	765	766	767	768	769	770
771	772	773	774	775	776	777	778	779	780
781	782	783	784	785	786	787	788	789	790
791	792	793	794	795	796	797	798	799	800



Qedela lezi zinombolo.

720; 722; 724; _____; _____; _____

800; 798; 796; _____; _____; _____



Hlanganisa noma ususe okubili.

a. $764 + 2 = 766$

I. Hlanganisa okubili enombolweni oyinikiwe. Sikwenzele okokuqala.

b. 762 _____

c. 783 _____

d. 756 _____

e. 714 _____

f. 799 _____



2. Susa okubili enombolweni oyinikiwe. Sikwenzele okokuqala.

b. 762

c. 783

d. 756

e. 714

f. 799

3. Kwenzekani uma uhlanganisa noma ususa okubili ezinombolweni ezingenhla?



Buka iziyingi ezisasibhakabhaka ebhodini lezinombolo.

a. Yini ongayisho ngalezi ziyingi?

b. Yelula lezi zinombolo:

701; 703; 705; ; ;

783; 785; 787; ; ;

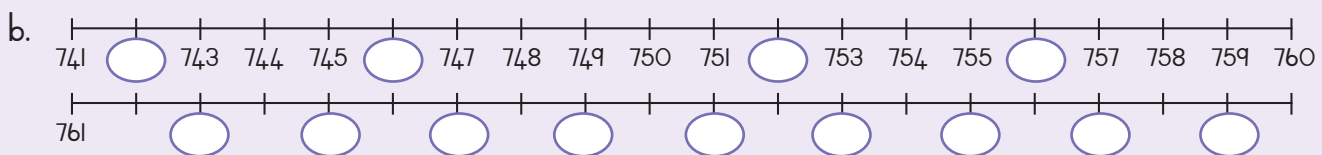
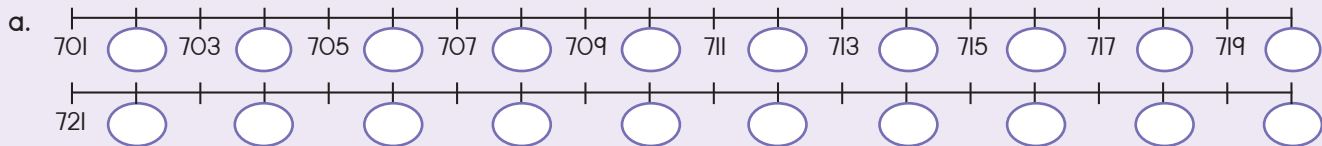
725; 727; 729; ; ;

779; 781; 783; ; ;

799; 797; 795; ; ;



Gcwalisa inombolo efanele esiyiningi ngasinye kule migqa yezinombolo.



Nginenombolo enamadijithi ama-3.

Idijithi lokuqala yisi-7, elilandelayo likhulu ngokubili kunesi-7, bese kuthi elokugcina lincane ngokune kunesi-7.

Uma ungabala uqhubeke ubala ngakubili usukela kule nombolo, leyo nombolo iyiphi?



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

83

Usuku:

Ukuphindaphinda: ngaku-2
nangaku-5 kuze kuyofinyelela ema-75

Ithemu 3



Ungathatha isikhathi esingakanani ukuphendula lokhu?

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



Bona ukuthi umngani
wami wenzeni.

Xoxa ngalokhu.

$$4 \times 2 = 8$$

Umngani wami uveze u-4 x 2 kanje:

Ungabali/ amaqiniso	Amaqoqo alinganayo	Ukuhlanganisa okuphindaphindiwe	Amaqoqo	Amaqiniso
2, 4, 6, 8		$2 + 2 + 2 + 2$	xx xx xx xx	$2 \times 4 = 8$ $4 \times 2 = 8$ $8 \div 4 = 2$ $8 \div 2 = 4$

Yenza okufanayo ngalokhu $4 \times 5 = 20$.

Ungabali	Amaqoqo alinganayo	Ukuhlanganisa okuphindaphindiwe	Amaqoqo	Amaqiniso



Xazulula lesi sibalo:

$$24 \times 3$$

$$\begin{aligned}
 &= (20 + 4) \times 3 \\
 &= (20 \times 3) + (4 \times 3) \\
 &= 60 + 12 \\
 &= 72
 \end{aligned}$$

$$a. 13 \times 3$$

$$b. 18 \times 3$$

$$c. 12 \times 5$$

$$d. 21 \times 3$$

$$e. 14 \times 3$$

$$f. 25 \times 3$$

$$g. 12 \times 3$$

$$h. 15 \times 5$$



Xazulula lesi sibalo:

Ngithenge amaswidi ayi-14 ngama-R3 linye.
Umngani wami uthenge amaswidi ayi-12 ngama-R5 linye.
Sikhokhe malini sobabili seyihlanganisiwe?



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

Ukuphindaphinda: ngakuthathu kuze kuyofinyelela ema-75

Ithemu 3

Yini evame ukuhamba ngantathu?
Amasondo ebhayisikili elingusondo-ntathu.



Qedela ithebhula.

Lokhu kunamasondo amangaki?
Usondo-ntathu o-1 onamasondo amathathu

Osondo-ntathu aba-2?

- Osondo-ntathu aba-3
- Osondo-ntathu aba-4
- Osondo-ntathu aba-5
- Osondo-ntathu abayi-6
- Osondo-ntathu abayi-7
- Osondo-ntathu abayi-8
- Osondo-ntathu abayi-9
- Osondo-ntathu abayi-10

Qondanisa isibalo nombuzo
ongakwesokunxele:

$$9 \times 3 = 27$$

$$7 \times 3 = 21$$

$$2 \times 3 = 6$$

$$4 \times 3 = 12$$

$$3 \times 3 = 9$$

$$5 \times 3 = 15$$

$$1 \times 3 = 3$$

$$10 \times 3 = 30$$

$$6 \times 3 = 18$$

$$8 \times 3 = 24$$

Amaqoqo	Phindaphinda	Ukuhlukanisa	Hlukanisa
Amaqoqo ayi-11 ezinto ezihamba nga-3	$11 \times 3 = 33$	Hlukanisela abantu aba-3 izinto ezingama-33	$33 \div 3 = 11$
Amaqoqo ayi-15 ezinto ezihamba nga-3		Hlukanisela abantu aba-3 izinto ezingama-45	
Amaqoqo angama-25 ezinto ezihamba nga-3		Hlukanisela abantu aba-3 izinto ezingama-60	
Amaqoqo ayi-12 ezinto ezihamba nga-3		Hlukanisela abantu aba-3 izinto ezingama-36	



Qedela ithebhula.

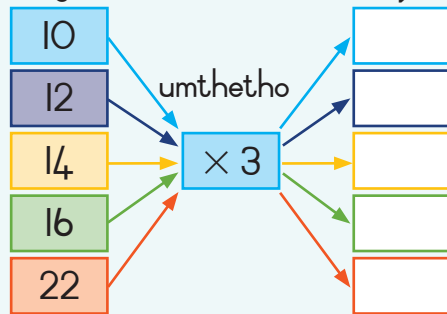
Ukuhlukanisa	Hlukanisa
Hlukanisela abantu aba-3 izinto ezingama-37	$37 \div 3 = 12$ kusala 1
Hlukanisela abantu aba-3 izinto ezingama-74	
Hlukanisela abantu aba-3 izinto ezingama-49	
Hlukanisela abantu aba-3 izinto ezingama-68	



Qedela ishadi lokulandelanayo.

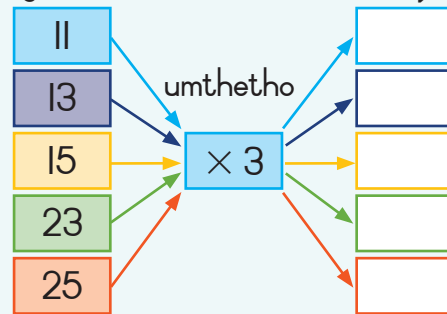
okungenisiwe

okukhiqiziwe



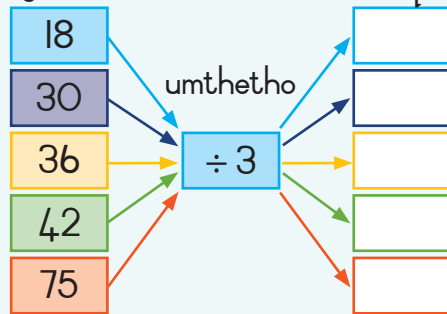
okungenisiwe

okukhiqiziwe



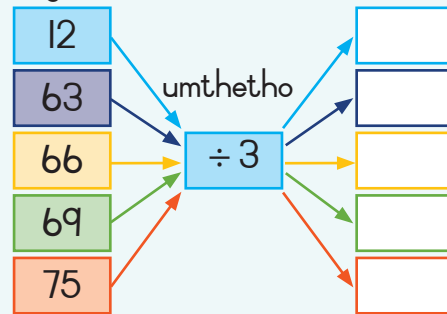
okungenisiwe

okukhiqiziwe



okungenisiwe

okukhiqiziwe



Qedela la mathebhula angezansi:

×	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
4	3	6													

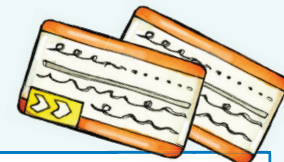
×	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
4															

Uyithole kanjani impendulo emabhulokhini anombala osasibhakabhaka?



Xazulula lesi sibalo:

Ingane ngayinye beyingena ngama-R3 kwase kungena izingane ezingama-23 epaki.
Zikhokhe malini sekukonke?



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

85

Usuku:

Ukuphindaphinda: ngaku-2, ngaku-3
nangaku-4 kuze kuyofinyelela ema-75

Ithemu 3



Ungathatha isikhathi esingakanani ukuphendula lokhu?

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



Bona ukuthi umngani wami wenzeni.

Xoxa ngalokhu.

$$5 \times 2 = 10$$

Ngigale ngaveza 5×2 kanje:

Ungabali	Amaqoqo alinganayo	Ukuhlenganisa okuphindaphindekayo	Amaqoqo	Amaqiniso
2, 4, - --	● ● ----	$2 +$ ----	umugqa wesi-2 xx	$2 \times _ = _$ $4 \times _ = _$ $_ \div _ = _$ $_ \div _ = _$

Yenza okufanayo futhi lapha $8 \times 3 = 24$.

Ungabali	Amaqoqo alinganayo	Ukuhlenganisa okuphindaphindekayo	Amaqoqo	Amaqiniso

$$6 \times 4 = 24$$

Ungabali	Amaqoqo alinganayo	Ukuhlenganisa okuphindaphindekayo	Amaqoqo	Amaqiniso



Hlukanisa bese uhlola impendulo yakho.

$$63 \div 3$$

$$\begin{aligned}
 &= (60 + 3) \div 3 \\
 &= (60 \div 3) + (3 \div 3) \\
 &= 20 + 1 \\
 &= 21
 \end{aligned}$$

$$21 \times 3$$

$$\begin{aligned}
 &= (20 + 1) \times 3 \\
 &= (20 \times 3) + (1 \times 3) \\
 &= 60 + 3 \\
 &= 63
 \end{aligned}$$

a. $48 \div 5$

b. $64 \div 5$



Xazulula lesi sibalo:

Mina nabangani bami sinama-R63 uma seyiphelele imali yethu.
Kwenzekani uma sifuna ukuhlukaniselana ngokulinganayo sobathathu?



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

86

Usuku:

Amaphethini ezinombolo: ngaku-3 kuze kuyofinyelela ema-800

Ithemu 3



Yini ongayisho ngezinombolo
ezisemabhulokhini anombala osawolintshi?

Bala ngaku-3 usuke ema-703 uye ema-799.
Iyiphi inombolo eza emva kwama-745 uma
ubala ngakuthathu?

Bala uhlehle usuke ema-799 uye ema-703.
Iyiphi inombolo eza ngaphambili kwama-766
uma ubala uhlehla?

701	702	703	704	705	706	707	708	709	710
711	712	713	714	715	716	717	718	719	720
721	722	723	724	725	726	727	728	729	730
731	732	733	734	735	736	737	738	739	740
741	742	743	744	745	746	747	748	749	750
751	752	753	754	755	756	757	758	759	760
761	762	763	764	765	766	767	768	769	770
771	772	773	774	775	776	777	778	779	780
781	782	783	784	785	786	787	788	789	790
791	792	793	794	795	796	797	798	799	800



Qedela lezi zinombolo.

703; 706; 709; _____; _____; _____

799; 796; 793; _____; _____; _____



Hlanganisa noma ususe oku-3.

1. Hlanganisa okuthathu enombolweni
enikeziwe. Sikwenzele okokuqala.

a. $766 + 3 = 769$

b. 766 _____

c. 783 _____

d. 756 _____

e. 713 _____

f. 790 _____



2. Susa okuthathu enombolweni oyinikiwe. Sikwenzele okokuqala.

b. 763

c. 789

d. 756

e. 713

f. 799

3. Kwenzekani uma uhlanganisa noma ususa okuthathu ezinombolweni ezingenhla?



Buka iziyingi ezisasibhakabhaka ebhodini lezinombolo.

a. Yini eqaphelekayo kulezi ziyingi? _____

b. Yelula lezi zinombolo:

704; 707; 710; _____; _____; _____

782; 785; 788; _____; _____; _____

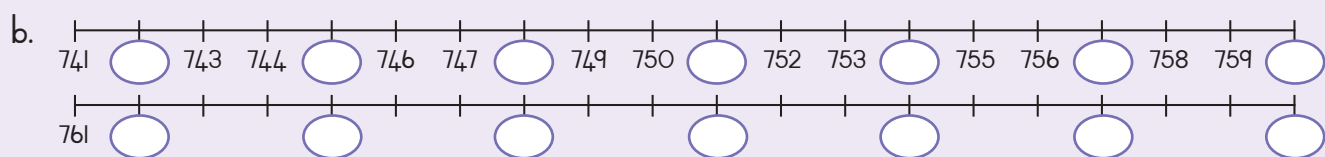
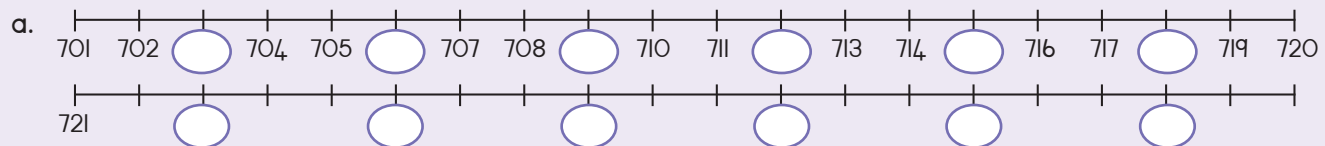
773; 776; 779; _____; _____; _____

779; 782; 785; _____; _____; _____

779; 776; 773; _____; _____; _____



Gcwalisa inombolo efanele esiyingini ngasinye kule migqa yezinombolo.



Nginenombolo enamadijithi ama-3:

Idijithi lokuqala yisi-7, elilandelayo likhulu ngokubili kunesi-7, elokugcina lincane ngokuyisi-7 kunesi-7.

Manje bala ngakuthathu uye phambili usukele kule nombolo. Uthola yiphi inombolo?



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

Ukuphindaphinda: ngaku-4 uye ema-75

Ithemu 3

Yizini ezivame ukuhamba
ngazi-4?
Amasondo emoto.



Qedela ithebhula.

Mangaki amasondo kulokhu
Imoto e-1?

Izimoto ezi-2?

Izimoto ezi-3?

Izimoto ezi-4?

Izimoto ezi-5?

Izimoto eziyi-6?

Izimoto eziyi-7?

Izimoto eziyi-8?

Izimoto eziyi-9?

Izimoto eziyi-10?

Qondanisa isibalo nombuzo
ongakwesokunxele:

$$9 \times 4 = 36$$

$$7 \times 4 = 28$$

$$2 \times 4 = 8$$

$$4 \times 4 = 16$$

$$3 \times 4 = 12$$

$$5 \times 4 = 20$$

$$1 \times 4 = 4$$

$$10 \times 4 = 40$$

$$6 \times 4 = 24$$

$$8 \times 4 = 32$$

Amaqoqo	Phindaphinda	Ukuhlukanisa	Hlukanisa
Amaqoqo ayi-12 ezinto ezihamba nga-4	$12 \times 4 = 48$	Hlukanisela abantu aba-4 izinto ezingama-48	$48 \div 4 = 12$
Amaqoqo ayi-16 ezinto ezihamba nga-4		Hlukanisela abantu aba-4 izinto ezingama-64	
Amaqoqo ayi-18 ezinto ezihamba nga-4		Hlukanisela abantu aba-4 izinto ezingama-72	
Amaqoqo ayi-15 ezinto ezihamba nga-4		Hlukanisela abantu aba-4 izinto ezingama-60	



Qedela ithebhula.

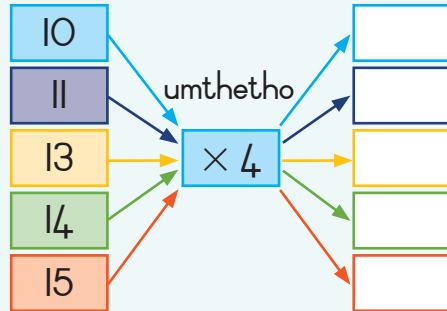
Ukuhlukanisa	Hlukanisa
Hlukanisela abantu aba-4 izinto ezingama-35	$35 \div 4 = 8$ kusala 3
Hlukanisela abantu aba-4 izinto ezingama-55	
Hlukanisela abantu aba-4 izinto ezingama-70	
Hlukanisela abantu aba-4 izinto ezingama-75	



Qedela ishadi lokulandelanayo.

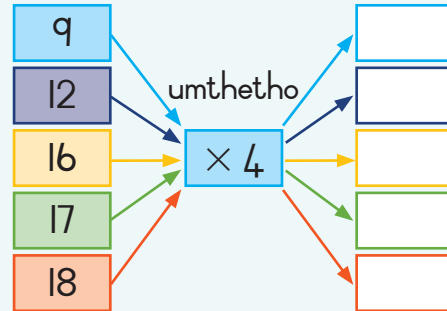
okungenisiwe

okukhiqiziwe



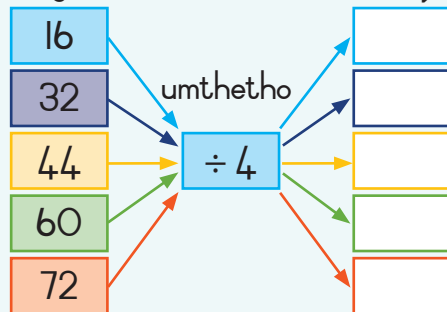
okungenisiwe

okukhiqiziwe



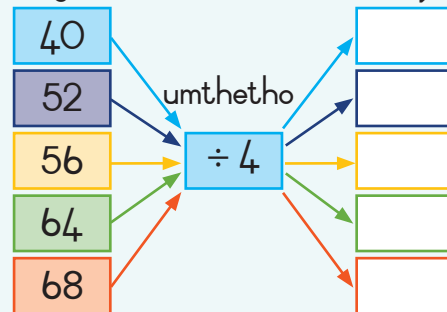
okungenisiwe

okukhiqiziwe



okungenisiwe

okukhiqiziwe



Qedela la mathebhula angezansi:

×	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
4															

×	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
4															

Uyithole kanjani impendulo emabhulokhini anombala osasibhakabhaka?



Xazulula lesi sibalo:

Nginama-R75.

Zingaki izipho ezincane zephathi ongazithenga ngama-R4?



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

88

Usuku:

Amaphethini ezinombolo: ngaku-4 kuze kuyofinyelela ema-800

Ithemu 3



Yini ongayisho ngezombolo ezisebhulokini elinombala osawolintshi?

Bala ngakune usuke ema-704 uye ema-800. Iyiphi inombolo engemuva kwama-736 uma ubala ngakune?

Bala ngakune uhlehle usukele ema-800 uye ema-704. Iyiphi inombolo engaphambili kwama-776 uma ubala uhlehla?

701	702	703	704	705	706	707	708	709	710
711	712	713	714	715	716	717	718	719	720
721	722	723	724	725	726	727	728	729	730
731	732	733	734	735	736	737	738	739	740
741	742	743	744	745	746	747	748	749	750
751	752	753	754	755	756	757	758	759	760
761	762	763	764	765	766	767	768	769	770
771	772	773	774	775	776	777	778	779	780
781	782	783	784	785	786	787	788	789	790
791	792	793	794	795	796	797	798	799	800



Qedela lezi zinombolo.

704; 708; 712; _____; _____; _____

724; 728; 732; _____; _____; _____



Hlanganisa noma ususe oku-4.

- I. Hlanganisa okune enombolweni oyinikiwe. Sikwenzele okokuqala.

a. $764 + 4 = 768$

b. 764 _____

c. 788 _____

d. 754 _____

e. 718 _____

f. 794 _____



2. Susa okune enombolweni oyinikiwe. Sikwenzele okokuqala.

b. 768

c. 784

d. 752

e. 714

f. 798

3. Kwenzekani uma uhlanganisa noma ususa okune ezinombolweni ezingenhla?



Buka iziyingi ezisasibhakabhaka ebhodini lezinombolo.

a. Yini ongayisho ngalezi ziyingi?

b. Yelula lezi zinombolo:

703; 707; 711; ; ;

783; 779; 775; ; ;

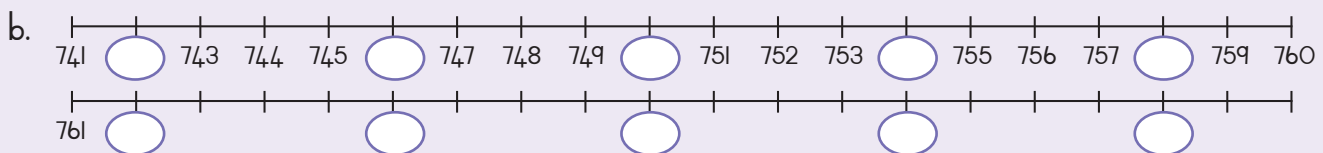
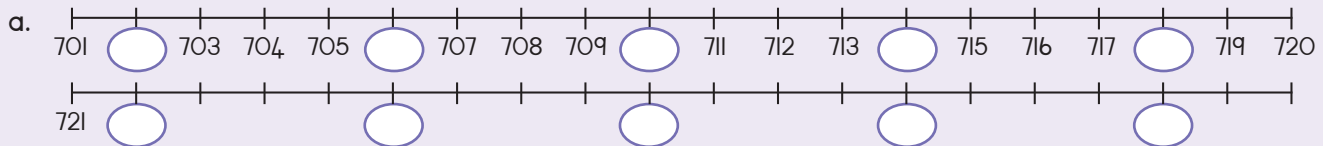
773; 777; 781; ; ;

799; 795; 791; ; ;

711; 715; 719; ; ;



Gcwalisa inombolo efanele esiyingini ngasinye kule migqa yezinombolo.



Nginenombolo enamadijithi ama-3.

Idijithi lokuqala yisi-7, elilandelayo likhulu ngokukodwa kunesi-7, elokugcina lincane ngoku-3 kunesi-7.

Uma ungabala ngakune usukele kule nombolo, iyiphi le nombolo?

Leyo nombolo: _____



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

89

Usuku:

Ukuphindaphinda nokuhlukanisa:
ngaku-2, ngaku-3, ngaku-4 nangaku-5
kuze kuyofinyelele ema-75

Ithemu 3



Ungathatha isikhathi esingakanani ukuphendula lokhu?

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



Faka umbala emabhulokhini lapho isibalo sikunika khona insalela.

$12 \div 2 = 6$	$13 \div 3 = 4 \text{ ins } 1$	$15 \div 5 =$ _____	$18 \div 5 =$ _____
$20 \div 4 =$ _____	$23 \div 4 =$ _____	$16 \div 3 =$ _____	$18 \div 3 =$ _____
$25 \div 2 =$ _____	$24 \div 2 =$ _____	$30 \div 2 =$ _____	$29 \div 2 =$ _____
$19 \div 3 =$ _____	$17 \div 3 =$ _____	$31 \div 5 =$ _____	$30 \div 5 =$ _____
$55 \div 5 =$ _____	$52 \div 5 =$ _____	$57 \div 3 =$ _____	$60 \div 3 =$ _____



Wazi kanjani ukuthi le nombolo iyahlukaniseka ngoku-:

- 3? Uma uhlanganisa izinombolo, isb. $72, 7 + 2 = 9$ kanti ungayihlukanisa ngoku-3.
- 2? _____
- 5? _____



Hlukanisa bese uhlola impendulo yakho.

$$65 \div 3$$

$$\begin{aligned} &= (60 + 5) \div 3 \\ &= (60 \div 3) + (5 \div 3) \\ &= 20 + 1 \text{ kusala } 2 \\ &= 21 \text{ kusala } 2 \end{aligned}$$

$$21 \times 3 + 2$$

$$\begin{aligned} &= (20 + 1) \times 3 + 2 \\ &= (20 \times 3) + (1 \times 3) + 2 \\ &= 60 + 3 + 2 \\ &= 65 \end{aligned}$$

a. $49 \div 5$

b. $65 \div 5$



Xazulula lesi sibalo:

Kumele wenze uphenyo.
Wazi kanjani ukuthi le nombolo iyahlukaniseka ngoku-4?



90



Usuku:

Ukwakheka kwezinto eziwonhlangothi-ntathu

Ithemu 3



Buka lezi zithombe.

Khuluma ngezinto ozibonayo usebenzisa amagama athi kuyisicaba, kugobile.

Amabhola	Amabhokisi	Amasilinda	Amaphiramidi	Amakhowuni



Buka lezi zithombe bese uqedela imisho nemibuzo.



a. Ibhola _____.



b. Kungani ibhola lingasheleli?



c. Isilinda _____.

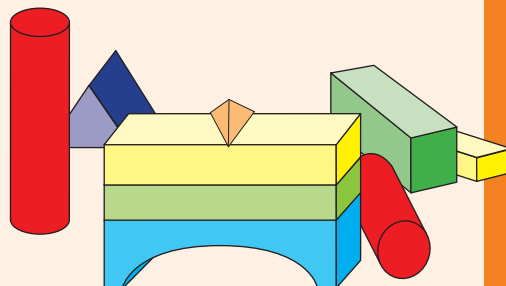
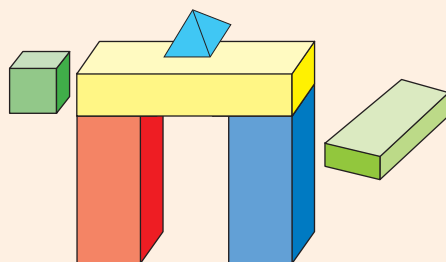
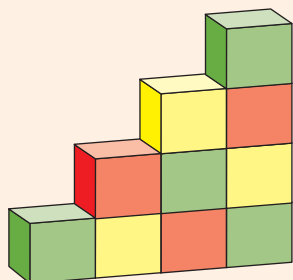


d. Isilinda ngabe iyakwazi ukushelela?



Yisho igama lento
esetshenziswe esithombeni ngasinye.

Nikeza igama elilodwa entweni ngayinye. Yisho ukuthi into iyagingqika noma iyashelela yini.





Yisho ukuthi izinto ezinhlangothi-ntathu ziyizicaba
noma zigobile yini.



Dweba lokhu okulandelayo:

Ibhokisi elincike kusilinda.	Ibhola elincike kusilinda.	Isilinda encike ebhokisini.



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

91

Usuku:

Amasethi emicu yamaqhezu

Okuzosetshenziswa: Imicu emi-5 esikwe ephepheni enemibala ehlukahlukene, isikele, ipensela/amakhrayoni.



Yakha isethi yakho.

Okusikwayo kwesi-5

Kowodwa umucu bhala amagama athi: "Okukodwa okuphelele".

Goqa owodwa umucu ube wuhhafu ngokucophelela. Wuqaqe futhi. Zingaki izingxenye ezilinganayo?

Bhala $\frac{1}{2}$ kuhhafu owodwa bese usika lapho bekugoqwe khona.

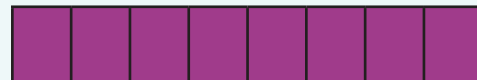
Thatha umucu wesithathu uwugoqe ube wuhhafu, bese uwugoqa futhi kube wuhhafu kahhafu. Wuvule. Unezingxenye ezingaki ezilinganayo? Bhala $\frac{1}{4}$ esiqeshini ngasinye, bese usika lapho kunezipawu zokugoqwa khona. Manje ake uzame ukwenza eminye imicu emibili, kowodwa ukhombise amaqhezu okwesihlanu, komunye ukhombise amaqhezu okwesishiyagalombili.



Okukodwa okuphelele



Sebenzisa isethi yezingcezu ukuphendula le mibuzo.



Okungaki kokuhlanu okulingana nokukodwa okuphelele?

Okungaki kokuyisishiyagalombili okulingana nokukodwa okuphelele nohhafu.



Amaqhezu emgqeni wezinombolo.

Lo mucu ukhombisa okukodwa okuphelele.

Okukodwa okuphelele

Lesi siyingi sikhombisa okukodwa okuphelele.

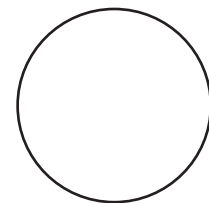
Okukodwa okuphelele

Hlukanisa lo mucu ube okukodwa kokuthathu.

Faka umbala eqhezwini eliwokukodwa kokuthathu.

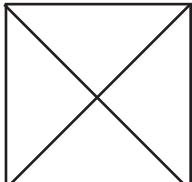
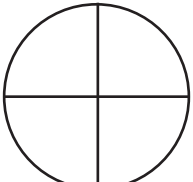
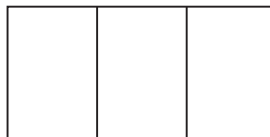
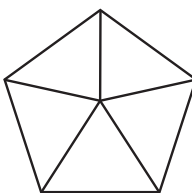
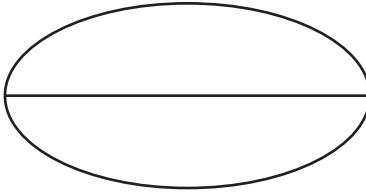
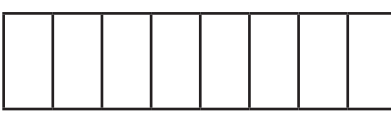
Hlukanisa amaqhezu okwesithathu endilingeni.

Faka umbala eqhezwini eliwokukodwa kokuthathu.





Faka umbala kulokhu okulandelayo:

Uhhafu owodwa 	Amakota amathathu 	Okubili kokuthathu 
Okune kokuhlanu 	Uhhafu owodwa 	Amakota amathathu 



Dweba lokhu okulandelayo:

Amakota amathathu usebenzisa isikwele.	Uhhafu owodwa usebenzisa isiyingi.	Okubili kokuthathu usebenzisa unxantathu.
Okune kokuhlanu usebenzisa isiyingi.	Okune kokuyisishiyagalombili usebenzisa isikwele.	Okubili kokuthathu usebenzisa unxande.



Lungisa isethi yakho.

- Sika isiyingi ngasinye kweziyisi-6 eKhasini Lokusikwayo kwesi-6.
- Sika iziyingi ezinhlanu zibe yizingcezu ulandela imigqa.
- Lebula ucezu ngalunye:
 - Ohlangothini olulodwa bhala iqhezu lehora.
 - Kolunye uhlangothi bhala inani lemizuzu elakhiwa yilelo qhezu.



Teacher: _____
Sign: _____
Date: _____

Okunye ngamaqhezu

Ithemu 3



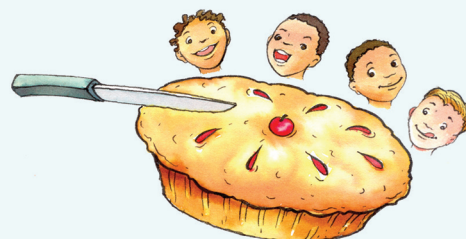
Bhala Yebo noma Cha.

- Uhhafu wuhhafu wokukodwa okuphelele _____
- Uhhafu wuhhafu wekota _____
- Ikota wuhhafu kahhafu _____
- Uhhafu namakota amabili kwakha okuphelele okukodwa _____



Hlukanisa ophaya.

USipho, uGugu, u-Andile noLisa bahlukaniselana uphaya.



a.

Ngilambile!
Ngifuna uhhafu

uSipho



Dweba uphawini kaSipho.

Ngizodla uhhafu
walokho ukuzosala..

u-Andile



Dweba isabelo sikaSipho,
sikaGugu kanye nesika-Andile.



b.

Kulungile, ngiyavuma
ukudla ikota..

uGugu



Dweba uphawini kaSipho nokaGugu.

d.

Ngisalelwe wuphaya
ongakanani mina?

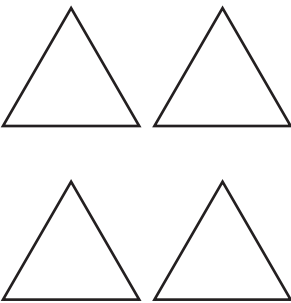
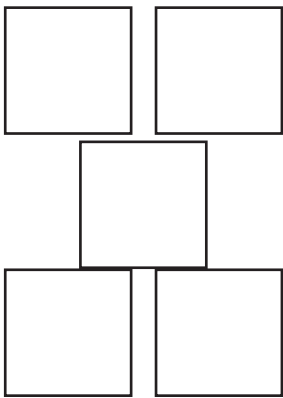
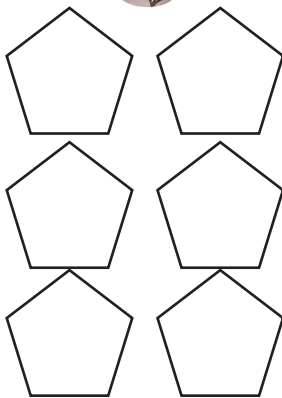
noLisa



Dweba ophawini babo bonke baphaya.



Hlukanisa izimo uphe abantwana
ngokuthi udwebe umugqa bese ufaka umbala.

 	 	 	 
---	--	---	---



Abangani aba-4 bahlukaniselana ngamaswidi
ama-5 ngokulingana.

Emunye uzothola amangaki?

Yiziphi izinombolo?

Dweba isithombe.

Abangani aba-6 bahlukaniselana
ngamaswidi ayi-9 ngokulinganayo.

Emunye uzothola amangaki?

Yiziphi izinombolo?

Dweba isithombe.



Teacher:

Sign:

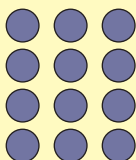
Date:

11 12 13 14 15 16 17 18 19 20

Ukuhlukanisa okuholela emaqhezwini

Ithemu 3

Nazi izinto
zokubala
eziyi-12



Singabangani sibabili. Sinesiqukathi
esisodwa esisihlukanise ohhafu
abalinganayo.

Lokhu sikubiza
ngohhafu owodwa.

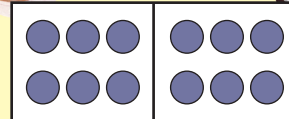


Lokhu sikubiza
ngohhafu owodwa.



Sihlukaniselana izinto zokubala eziyi-12
zokubala ngokulinganayo sobabili.

Ngithole izinto
zokubala eziyi-6.



Ngithole izinto
zokubala eziyi-6.



Yenza umdwebo walokhu okulandelayo bese uphendula imibuzo.

Amabhola ayisi-9 ahlukiselwa abangani
abathathu bamantombazana.



- Intombazana ngayinye izothola
amabhola amangaki?
- Intombazana ngayinye izothola iqhezu
elingakanani?

Kunamabhola ayi-12, wahlukanisele abangani
aba-4. Aba-3 ngabafana.



- Intombazana ngayinye izothola
amabhola amangaki?
- Qhezu lini elizotholwa ngumfana
ngamunye?



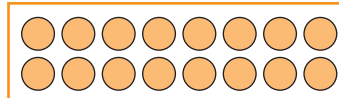
Qhezu lini elizotholwa ngumfana ngamunye?
Qhezu lini elizotholwa nguLisa?

Igama
ninguMandla.



- Uzothola amabhola amangaki uMandla
noLisa?

Igama
ninguLisa.



- Uzothola amabhola amangaki uMandla
noLisa?



Ukuhlukanisa amanye amaswidi.

Abanye abangani bahlukaniselana ngamaswidi. Emunye uthola $\frac{1}{2}$ (uhhafu) wephakethe.

a. Mangaki amaphakethe adingeka ukuhlukanisela:

abangani aba-4? _____ abangani abayi-6? _____ abangani abayi-9? _____

b. Bangaki abangani abahlukaniselana?

amaphakethe ama-4? _____ amaphakethe ayi-10? _____ $3\frac{1}{2}$ wamaphakethe? _____



Iziketi zokudansa.

Omama nawogogo bathunga iziketi zokudansa.

Ngesiketi esi-1 badinga amamitha ama- $2\frac{1}{2}$ (m) endwangu.

Indwangu ibiza ama-R6 imitha.

a. Bazothunga iziketi ezingaki ngala mamitha?

5 m _____ 10 m _____

20 m _____ 25 m _____

b. Badinga indwangu engakanani ukwenza?

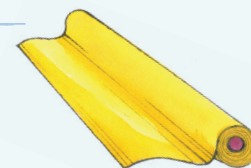
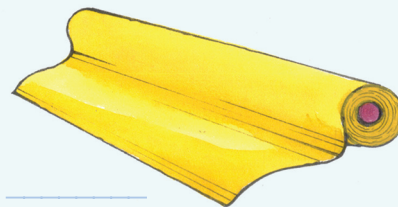
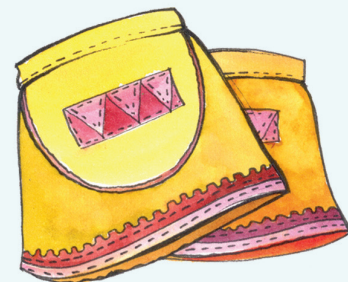
iziketi ezi-2 _____ iziketi ezi- 3 _____ iziketi ezi- 4 _____

c. Ibiza malini indwangu ezokwenza?

isiketi esi-1 _____ iziketi ezi- 2 _____ iziketi ezi- 3 _____

d. Bazokwakha iziketi ezingaki ngale mali:

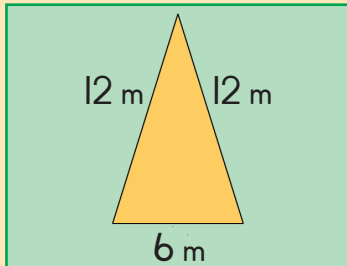
R450 _____ R825 _____ R180 _____ ?



Ibanga elisizungezile

Ithemu 3

Make sibheke ibanga lendawo ezungeze into ethile.



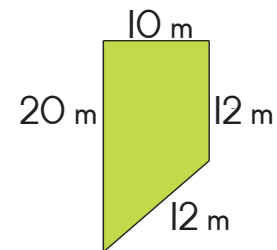
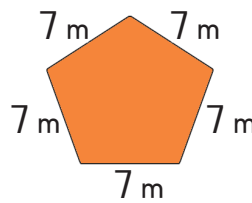
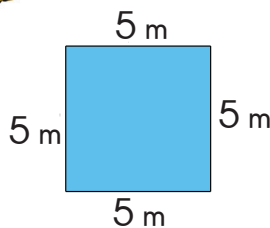
Umlimi unesiza esingunxantathu.

Ubude bebanga elizungezile sizobuthola ngokuhlanganisa ubude nobubanzi bezinhlangothi.

$$\text{Ibanga elizungezile} = 12 \text{ m} + 12 \text{ m} + 6 \text{ m} = 30 \text{ m}$$



Thola ubude bebanga elizungezile (ipharametha).



Ingadi kaVeronica.

UVeronica udweba ingadi azofuna ukutshala okuthile kuyo.

a. Bungakanani ubude bebanga elizungeze lapho kutshalwe khona amakhambi? _____

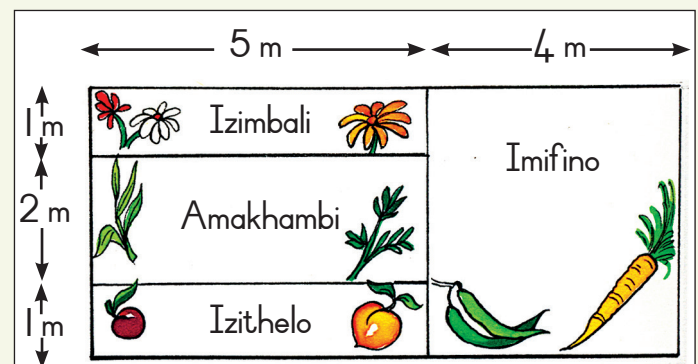
b. Yiziphi izingxenye ezinebanga elilinganayo elizungezile?

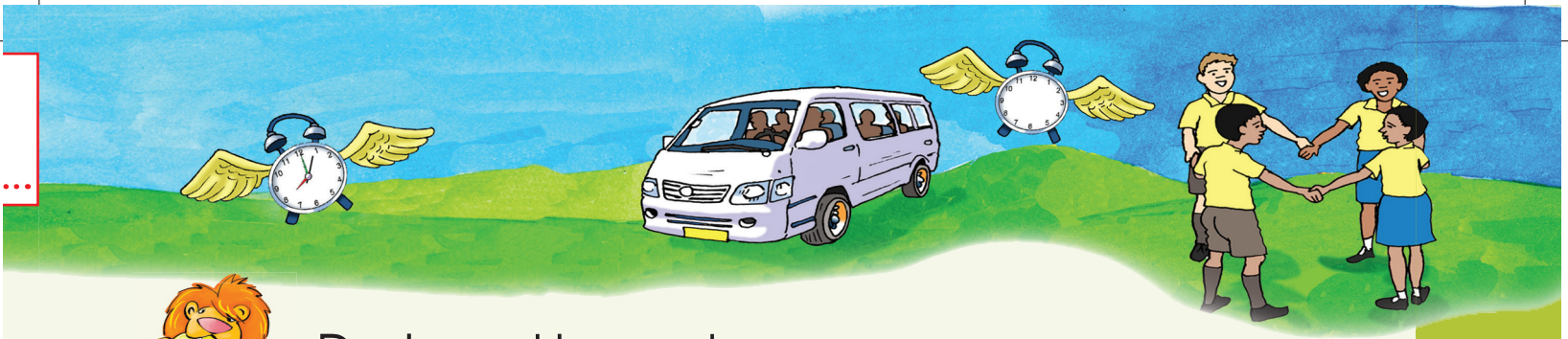
Lingakanani ibanga elizungeze lezi zingxenye?

_____ kanye _____ ubude bebanga elizungezile _____ m.

c. Udinga ucingo azobiyela ngalo. Ucingo lubiza ama-R50 imitha.

Luzobiza malini lulonke ucingo? _____





Dweba eyakho ingadi.

Sebenzisa iphepha eliseKhasini Lokusikwayo kwe-7 ukuhlela ingadi yakho. Khombisa zonke izinto ukuthi zikalwe kanjani uveze nezithombo ofuna ukuzitshala.



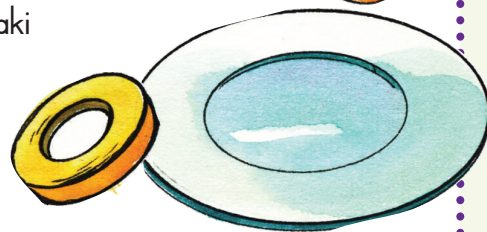
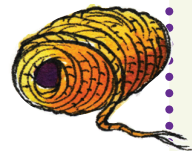
Iziyingi zokukala.

Sebenzisana nomngani:

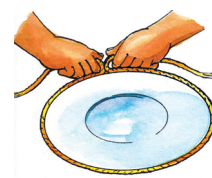
Okuzosetshenziswa:

Iziyingi eziyi-10 ezinobukhulu obungalingani, njengepuleti, ingilazi, ithephu enamathelayo, isivalo sebhodlela, intambo kanye nesikele.

1. Khetha isiyingi ozosikala ngentambo.
2. Sika intambo ende ngokwanele ukuthi izungeze isiyingi.
3. Manje thatha intambo efanayo uyelule iwelele ngaphesheya kwesiyingi. Bala ukuthi ifinyelela ngokuphindwa kangaki ngaphesheya.
4. Yenza kanjalo nakwezinye iziyingi.
5. Bhala konke okubonayo.



Ibanga elizungeze into eyisiyingi libizwa ngobude bokuzungeza noma ipharametha.



Ibanga lento eyisiyingi uma usuka ohlangothini olulodwa uya kolunye, libizwa ngedayametha.



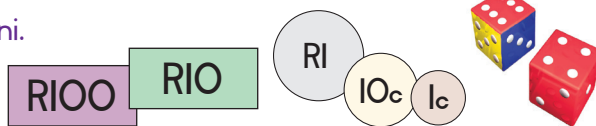
95a

Ukuthengiselana ngemali

Usuku:

Dlala le mdlalo nomngani.

Okuzosetshenziswa:



ama-RIOO	ama-RIO	ama-RI	ama-IOc	ama-Ic

Ibhodi Lemali (Ekhasini Lokusikwayo 8), iphepha nepensela, amadayisi amabili, imali yokudlala (Ekhasini Lokusikwayo 9): RIOO nama-RIO angamaphepha; RI, IOc ne-Ic eliwuhlamvu.

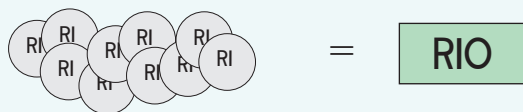
Beka Ibhodi Lemali etafuleni.

Ibhodi linezingxenywe ezi-5 ezisuka kwesokunxele ziye kwesokudla, RIOO, RIO, RI, IOc kanye nesenti eli-1. Sizosebenzisa amakhohlamu ama-3 kulo mdlalo.

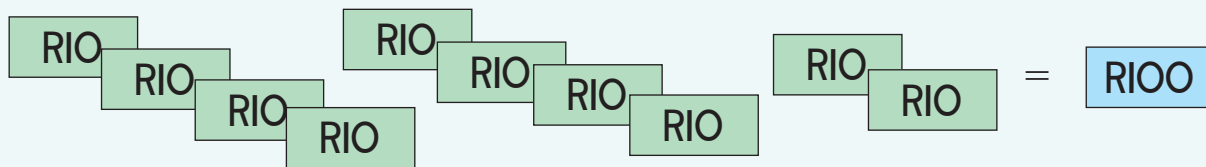


Hlanganisa ufinyelele e-RIOO.

1. Umdlali ngamunye unikwa ithuba lokugingqa idayisi. Hlanganisa izinombolo ezimbili.
2. Thatha inombolo ye-RI eliwuhlamvu uyibeke egxenyeni yama-RI kumata wakho.
3. Uma ufinyelela kuma-RI ayishumi emali eyizinhlamvu kumele uthole i-RIO eliyiphepha.



4. Owokuqala ozothola ama-RIO ayishumi awaguqulele e-RIOO nguye onqobile.



5. **Inhlawulo:** Uma odlalayo eqeda kodwa ahluleke ukuguqulela izinhlamvu zama-RI e-RIO eliyiphepha bamthola abanye abadlali, uhlawula nge-RI. Uma umdlali ekhohlwa ukuguqula i-RIO libe yiphepha le-RIOO, ukhokha i-RIO kumdlali ongumlingani wakhe.



Susa usuke e-RIOO uye e-RO.

Dlalani lo mdlalo futhi, nisebenzise ama-RIO ayiphepha. Susani izinombolo ezisedayisini. Umdlali ofinyelela e-RO nguye onqobile.

ama-RIOO	ama-RIO	ama-RI	ama-IOc	ama-Ic



Ukuhlanganisa nokususa okufinyelela e-RI OOO.

Hlanganisa ngesamba esisedayisini njalo uma udlala e-RIO. Owokuqala ozofinyelela e-RI OOO nguye onqobile. Ningaqala nge-RI OOO niye njalo nisusa ngokudedelana kwenu. Owokuqala ozofinyelela e-RO nguye onqobile.



Ukuhlanganisa kufinyelele e-RI.

Dlala ngendlela odlale ngayo umdlalo wokuqala, kodwa manje nguwe ogingqa idayisi uthole isamba, thatha isamba sedayisi sibe yisenti elilodwa. Uma sewunamasenti ayi-IO ahamba ngawo-Ic, thola uhlamvu luka-IOc. Owokuqala ozothola uhlamvu lwale mali nguye onqobile.



Susa amasenti.

Qala nge-RI, ulisuse emdlalweni ngamunye. Owokuqala ozofika e-O wamasenti nguye onqobile.



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20



95b

Usuku:

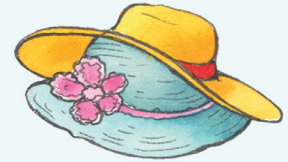
Masiyothenga!

Ithemu 3



Kuthengiswa izigqoko.

Isitolo sithengisa izigqoko ngamanani ama-5 ahlukene.



							Izamba
Isigqoko a  R20	R20	R20	R20	R20	R20	R20	R120
Isigqoko b  R25	R25	R25	R25	R25	R25	R25	
Isigqoko c  R50	R50	R50	R50	R50	R50	R50	
Isigqoko d  R75	R75	R75	R75	R75	R75	R75	
Isigqoko e  R100	R100	R100	R100	R100	R100	R100	

a. Thola ubungako bezigqoko emgqeni ngamunye.

b. UMaZondo uthenga isigqoko esi-1 ohlotsheni ngalunye.

Ukhokha malini sejiyonke? _____

c. UBhuti ukhokha R450 sekukonke. Uthenga isigqoko esi-1 ngama-R100.

Uthenga ziphi ezinye izigqoko? Khombisa izindlela ezi-2.

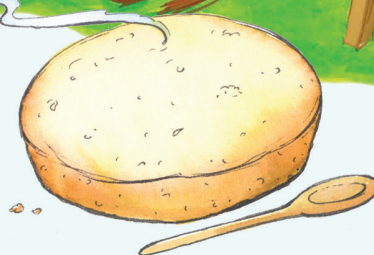
Hlola!
Qhathanisa!
Lungisa!

Impendulo yoku-1	Impendulo yesi-2



Kubabhaki bezinkwa.

UMusa usebenzisa indlela yokupheka ukuze enze ikhekhe eliyisiponji.



Indlela yokupheka ikhekhe eliyisiponji

40 g kafulawa ozikhukhumalelayo; 3 amaqanda; 50 g ushukela we-ayisingi

Azokunamathisela ekhekheni: 140 ml ukhilimu

a. Thola ukuthi uMusa udinga okungakanani kwalokhu ukubhaka amakhekhe afinyelela kwayisi-6.

Ikhekhe	Ufulawa	Amaqanda	Ushukela	Ukhilimu
1	40 g	3	50 g	140 ml
2				
3				
4				
5				
6				

b. Thikha (✓) impendulo efanele.

I ilitha likakhilimu ligcwalisa: amakhekhe ayi-10; amakhekhe ayi-7;
amakhekhe ayi-8



Hlola!
Qhathanisa!
Lungisa!



Izibalo ezisheshayo.

$10 \times 7 =$	$10 \times 70 =$	$5 \times 7 =$	$5 \times 70 =$	$70 \times 2 =$
$12 \times 4 =$	$12 \times 8 =$	$6 \times 16 =$	$5 \times 9 =$	$50 \times 9 =$
$15 \times 3 =$	$15 \times 6 =$	$10 \times 4 =$	$8 \times 4 =$	$18 \times 4 =$

Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

96

Usuku:

Okunye ngemininingwane

Ithemu 3



Esiteshini samaphoyisa.

Amaphoyisa amahlanu enza umsebenzi ongafani. Aphi njengamanje ngalinye?

	Usedeskini	Uyazulazula	Usenkantolo
uSerufe			x
uMaria	x		
uSam	x		
u-Amos		x	
uDudu			x

Bhala igama lalowo: Osedeskini. _____

Ozulazulayo. _____

Osenkantolo. _____



Usuku lwezihlahla.



Izikole ezihlanu ziyaqhudelana ukubona ukuthi yisiphi esizotshala izihlahla eziningi kakhulu

ngoSuku lwe-Arbor  = 10 izihlahla.

iKlipspruit	       
iMthonjeni	     
iSonskyn	        
iThuthong	   
iMosiba	      

Zingaki izihlahla ezitshalwe yisikole ngasinye kulezi?

iKlipspruit	iMthonjeni	iSonskyn	iThuthong	iMosiba

Zingaki izihlahla ezitshalwe yisikole sezizonke? _____



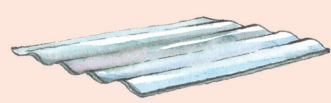
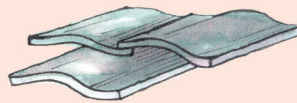
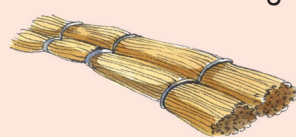
Luhlobo luni lophahla?

Abantwana beBanga lesi-3 benza inhlobo elokishini langakubo.

Bafuna ukuthola imininingwane ngezinhlobo zophahla ezindlini ezahlukene.

Bakhombisa abakutholile kule grafu.

Bafaka ithikhi (✓) eyodwa ngendlu ngayinye abayibonayo.



Amathayili	✓	✓	✓	✓	✓	✓					
Utshani bokufulela	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Amapulangwe	✓	✓	✓	✓	✓	✓	✓	✓			
Insimbi	✓	✓	✓	✓	✓	✓	✓	✓	✓		

Babona olungaki uphahla ezinhlotsheni ezilandelayo?

Amathayili _____ Utshani bokufulela _____ Amapulangwe _____ Insimbi _____

Yiluphi uphahla oluthandwa kakhulu? _____

Lungaki uphahla olutholakala uma kubalwa? _____



Ubukhulu bamakepisi.

Abafana basesikoleni iJuma bagqoka amakepisi esikole.

Amakepisi afika ewosayizi 2, 3, 4.

2	2	3	2	3	4	4	3	2	3	2	3
4	2	2	3	3	3	2	2	2	3	4	4
2	3	2	3	4	2	4	4	3	4	2	2
2	2	3	3	3	4	2	2	2	3	3	4
4	2	2	2	3	4	2	4	4	3	2	



Bala uthole ukuthi bangaki abafundi abagqoke usayizi ofanayo wamakepisi.

2 _____ 3 _____ 4 _____

Yibuphi ubukhulu obube buningi kunobunye? _____

Hlola!
Qathanisa!
Lungisa!

Teacher: _____
Sign: _____
Date: _____

97

Usuku:

Usuku

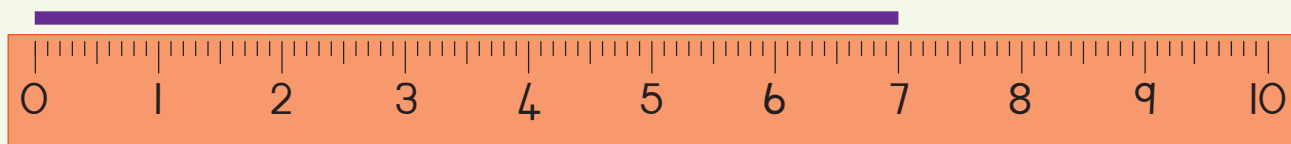
Ukusebenza ngamasentimitha

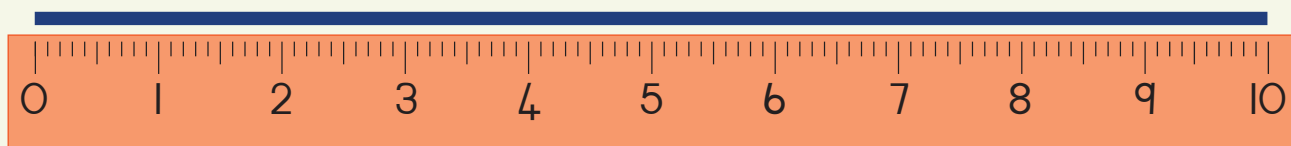
Ithemu 4



Mude kangakanani umugqa ofakwe umbala?









Qala ngokuhlawumbisela bese ukala imigqa.
Qedela ithebhula.

Umugqa	Ukuhlawumbisela	Ukukala	Uahluko phakathi kokuhlawumbisela nokukala



Sebenzisa irula ukudweba le migqa elandelayo.

a. 10 cm

b. 7 cm

c. 15 cm



Yisho ukuthi uzokala lokhu ngamamitha noma ngamasentimitha yini.

- Ubude bencwadi _____
- Ukuphakama kwesivalo _____
- Ubude bepensela _____
- Ukuphakama kwakho _____
- Ubude bomunwe wakho _____

Khumbhula ukusebenzisa amagama afingqiwe amele amasentimitha (cm) namamitha (m).



Phakathi nonyaka usebenzise amapensela akho ayishumi okufaka imibala. Abeyi-15 cm ubude ngaphambili kokuwasebenzisa.

Emva kokuwasebenzisa elibomvu selingama-7 cm, elisasibhakabhaka lingama-5 cm, elisatshani lingama-6 cm, eliphuzi liyi-11 cm, elibukhwebhezana liyi-12 cm, eliwolintshi lingama-9 cm, elinsundu liyi-14 cm, elimnyama lingama-8 cm, eliphinki liyi-13 cm bese kuthi elimhlophe libe yi-15 cm ubude.



- Yiliphi ipensela olisebenzise kakhulu kunawo wonke? _____
- Yiliphi olisebenzise kancane kunawo wonke? _____
- Bhala ubude bamapensela akho kusukela kwelifushane kunawo wonke kuya kwelide kunawo wonke. _____



11 12 13 14 15 16 17 18 19 20

98

Usuku:

Izinombolo 700 kuya ema-800

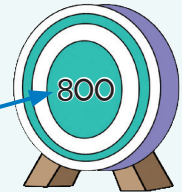
Ithemu 4



Qala ngokubala bese ubhala.

- a. Sebenzisa ishadi elilandelayo ukuze likusize ukubala usukele ema-700 uye ema-800.
Phimisela inombolo ngenkathi ubhala.

700



701			704						710
						718			
	722								
					736				
741								749	
						758			
		773							
						788		790	
	792			795					800

- b. Bhala izinombolo ezidingekayo kugridi engenhla.
c. Bhala izinombolo eziyi-10 ezitholakala ngale kwama-750.

750; _____; _____; _____; _____; _____; _____; _____; _____; _____

- d. Bhala izinombolo eziyi-8 ezilandelayo ezinephethini loku-2.

762; 764; 766; _____; _____; _____; _____; _____; _____; _____

- e. Bhala zonke izinombolo eziyiphethini loku-2 usuke ema-751 uye ema-773.

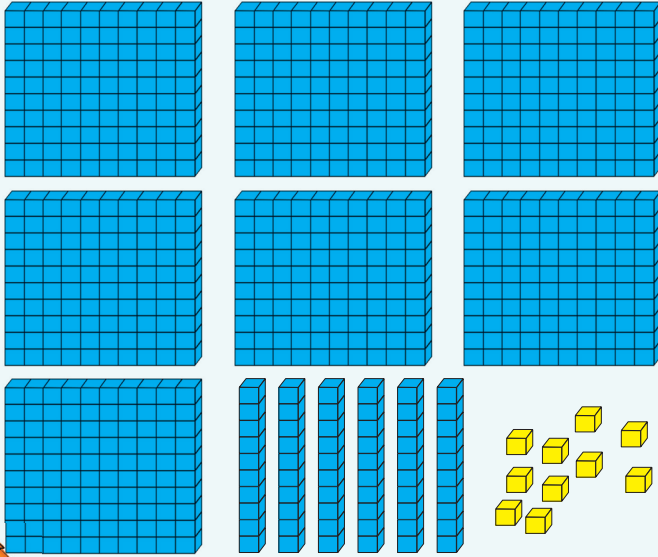
751; _____; _____; _____; _____; _____; _____; _____; _____; 773

- f. Bhala izinombolo ezi-8 ezilandelayo eziyiphethini loku-5.

751; 756; 761; _____; _____; _____; _____; _____; _____



Uthola amabhulokhi amangaki uma uwabala?



Uwabale kanjani amabhulokhi?



Qedela umugqa wezinombolo.

750			753				757		759	
							789	787	788	
					753	756	759			



Qedela ithebhula.

Bhala usuke kokuncane kunakho konke uye kokukhulu kunakho konke.

Bhala usuke kokukhulu kunakho konke uye kokuncane kunakho konke.

776, 772, 779, 770, 778		
736, 703, 730, 713, 703		



Bhala lokhu okulandelayo ngamagama.

788



Teacher:

Sign:

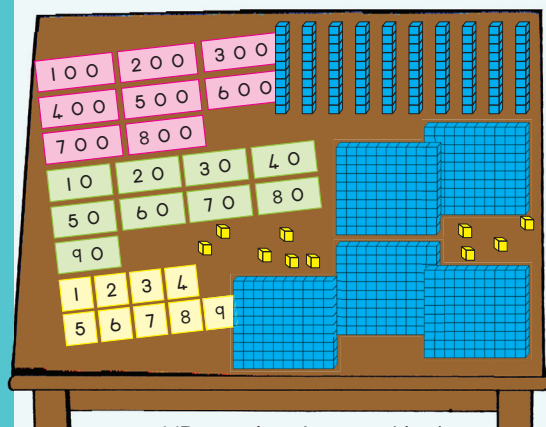
Date:

qq

Okunye ngezinombolo ama-700 kuya ema-800

Usuku:

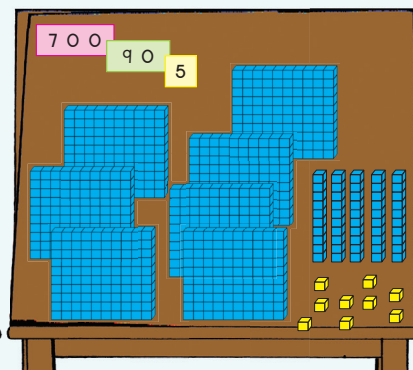
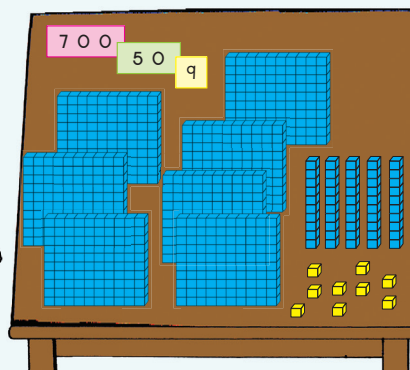
Ithemu 4



UPeter ubevele enamakhadi
anezinombolo zalezi zikhundla
ezilandelayo kanye namabhulokhi
amashumi.

Uthisha ucele uPeter ukuthi
akhe ama-759 ngamakhadi
namabhulokhi akhe.

Okukhonjiswe wuBen yilokhu.
Ngabe yini angayenzanga kahle?



Bhala umusho wezinombolo kanye nempendulo.

$700 + 60 + 7 =$	767	



Bhala umusho wezinombolo kanye nempendulo.

700 90 9 $700 + 90 + 9$ =	500 50	60 5
---	---------------------------------	-------------------------------



Qedela umugqa wezinombolo.

789	790	791								799
-----	-----	-----	--	--	--	--	--	--	--	-----

Ngiphe zonke izinombolo ezincane kunama-795. _____

Ngiphe zonke izinombolo ezinkulu kunama-795. _____



Gcwalisa lokhu $<$, $>$ noma $=$.

a. 799 _____ 766 b. 745 _____ 750

c. $700 + 90 + 7$ _____ 767



Hlahlela inombolo yakho.

- Yakha inombolo ngayinye ngamakhadi.
- Bhala izinombolo ngokwezikhundla zazo ngayinye.
Yenza lokhu-ke manje: Hlahlela inombolo yakho.

790	
689	
699	
755	
690	

Isibonelo: 799

7 0 0

9 0

9

7 9 9

799 $700 + 90 + 9$



Bhala izinombolo ngamagama azo.

668	
757	
799	
742	
691	



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

100

Usuku:

Izinombolo 800 kuya ema-900

Ithemu 4

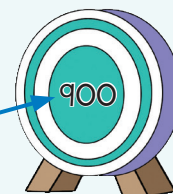


Qala ngokubala bese ubhala.

a. Sebenzisa ishadi elilandelayo ukuze likusize ukubala usukele ema-800 uye ema-900.

Phimisela inombolo ngenkathi ubhala.

800



801			804						810
							818		
	822								
					836				
841								849	
							858		
		873							
							888		890
	892			895					900

b. Bhala izinombolo ezidingekayo kugridi engenhla.

c. Bhala izinombolo ezili-10 eziza emva kwama-800.

800; _____; _____; _____; _____; _____; _____; _____; _____; _____

d. Bhala izinombolo ezilandelayo eziyisi-8 ngamaphethini loku-2.

852; 854; 856; _____; _____; _____; _____; _____; _____; _____

e. Bhala zonke izinombolo ngamaphethini loku-2 usukele ema-807 uye ema-829.

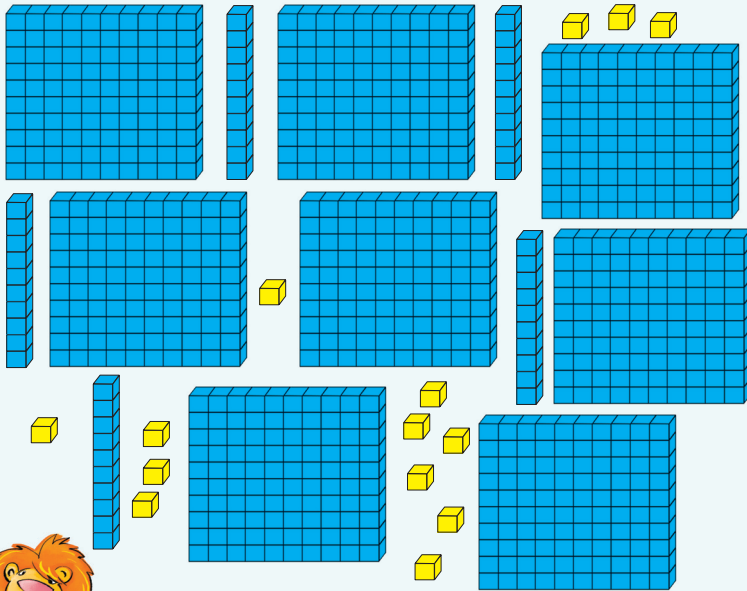
807; _____; _____; _____; _____; _____; _____; _____; _____; 829

f. Bhala izinombolo ezilandelayo eziyisi-8 ngamaphethini loku-5.

834; 839; 844; _____; _____; _____; _____; _____; _____; _____



Uthola amabhulokhi amangaki uma uwabala?



Uwabale kanjani amabhulokhi?



Qedela umugqa wezinombolo.

830			833				837	838		
							876	881	886	
					843	846	849			



Qedela ithebhula.

Bhala usuke kokuncane kunakho konke uye kokukhulu kunakho konke.

Bhala usuke kokukhulu kunakho konke uye kokuncane kunakho konke.

856, 853, 855, 851, 857		
898, 801, 810, 819, 891		



Bhala lokhu okulandelayo ngamagama.

845



Teacher:

Sign:

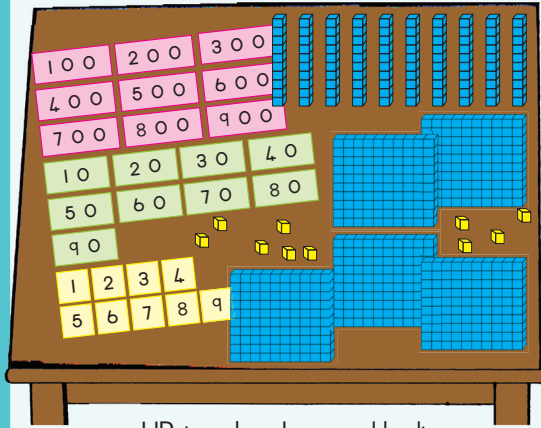
Date:

101

Okunye ngezinombolo ama-800 kuya ema-900

Usuku:

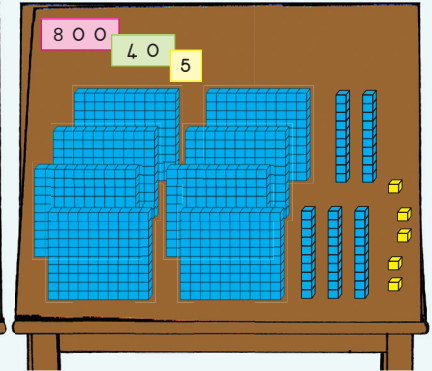
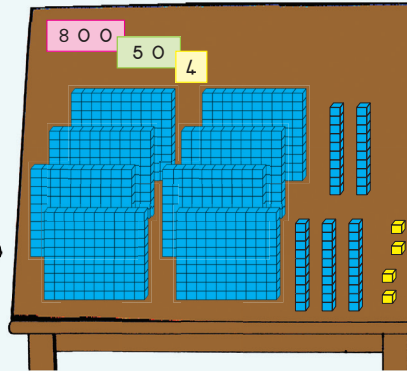
Ithemu 4



UPeter ubevele enamakhadi
anezinombolo ngokwezikhundla
zezinombolo kanye namabhulokhi
amashumi.

Uthisha ucele uPeter ukuthi
akhombise ngamabhulokhi
namakhadi inani lama-854.

Okukhonjiswe wuBen yilokhu.
Ngabe yini angayenzanga kahle?



Bhala umusho wezinombolo kanye nempendulo.

800 + 80 + 5 = 885



Bhala umusho wezinombolo kanye nempendulo.

800 + 50 + 2 =

800 + 90 + 7 =

800 + 3 =



Qedela umugqa wezinombolo.

889	890	891								900
-----	-----	-----	--	--	--	--	--	--	--	-----

Ngiphe zonke izinombolo ezincane kunama-894. _____

Ngiphe zonke izinombolo ezinkulu kunama-894. _____



Gcwalisa lokhu $<$, $>$ noma $=$

a. 899 _____ 898 b. 802 _____ 820

c. $900 + 70 + 5$ _____ 785



Hlahlela inombolo yakho.

- Akha inombolo ngayinye ngamakhadi.
- Bhala ubungako benombolo ngokwesikhundla sayo.
Yenza lokhu-ke manje: Hlahlela inombolo yakho.

890	
889	
802	
855	
840	

Isibonelo: 876

8 0 0

7 0

6

8 7 6

876 $800 + 70 + 6$



Bhala izinombolo ngamagama azo.

889	
825	
803	
830	
899	



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

102a

Usuku:

Ukukala isisindo sezinto

Ithemu 4



Buka izithombe ezilandelayo bese uphendula imibuzo.



- Ngabe i-1 kg ensipho yokuwasha isinda ngaphansi noma ngaphezulu kwama-2 kg yensipho yokuwasha? _____
- Yini elula kakhulu: Ngabe ama-500 g amasiriyeli adliwa ekuseni noma amabhiskidi angama-200 g? _____
- Yini esinda kakhulu: Ngabe yi-100 g kakhilimu wesikhumba noma yi-1 kg yephakethe lesitambu? _____



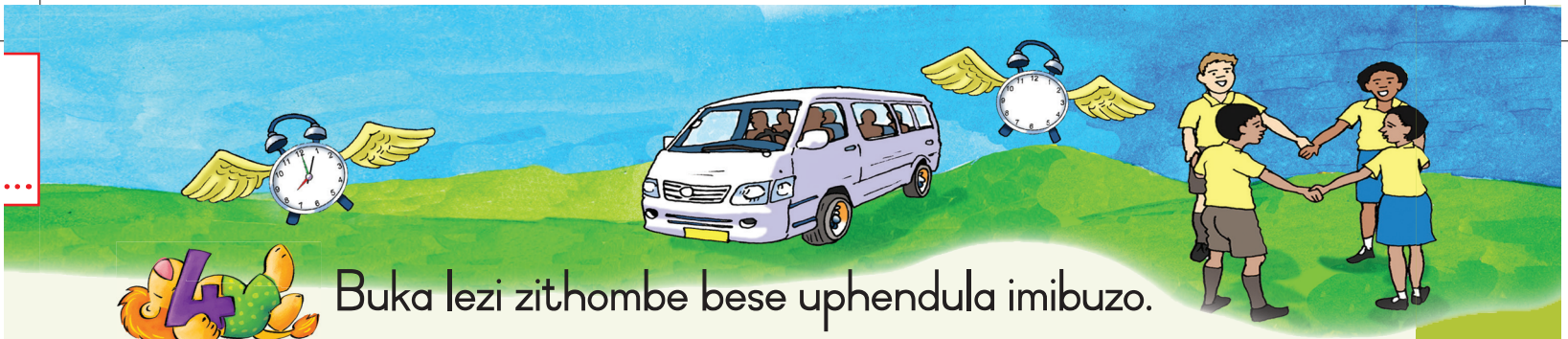
Ngabe sisinda kangakanani uma sikalwa sisonke ndawonye?

Isisindo sami singama-25 kg, umngani wami ungama-29 kg kanti umfowethu ungama-45 kg.



Le mikhiqizo isinda kangakanani uma ibekwe ndawonye?

Umkhiqizo wokuqala unesisindo se-1 kg 500 g, owesibili ungama-3 kg 500 g owokugcina ungama-2 kg 500 g.



Buka lezi zithombe bese uphendula imibuzo.

1,5 kg uyalingana ne-1 kg
nama-500 g.

2,5 kg uyalingana nama-2 kg
nama-500 g.

Ngabe kumele ngiwabhale
kanjani ama-3,5 kg
ngamakhilogramu namagramu?



Qedela ithebhula.

Uthisha uzokunika izinto ezinhlanu okumele uzibuke. Qagela isisindo sazo bese uzikala.

Into	Hlawumbisela	Isikali	Uahluko phakathi kokuhlawumbisela nesikali



Zisinda kangakanani uma zihlanganisiwe?

Umkhiqizo wokuqala ngama-2 kg 500 g, owesibili ngama-1 kg 500 g
owokugcina ngama-3 kg 500 g.



Teacher: _____

Sign: _____

Date: _____

Masiphinde sikale futhi

Ithemu 4

Isisindo sisho ukukala ubunzima bento ekhona kwenye into. Uma kunento eningi, kuya ngokuba lukhuni ukuyidudula.

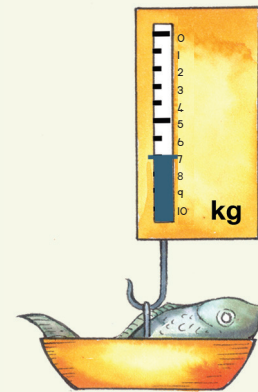
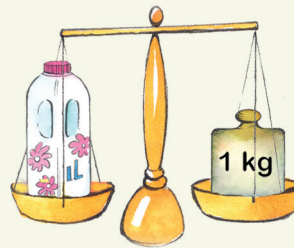
Isisindo sisho isilinganiso sokuthi amandla omhlaba ayidonsa kanjani leyo nto eyibuyisela emhlabeni. Uma sithatha into siyisa enyangeni iba nesisindo esifanayo kodwa isikali siyithola ilula ngenxa yobulula bamandla enyanga uma eqhathaniswa nawomhlaba.

Ngokwezidingo zansuku zonke sithatha isisindo njengento efanayo emhlabeni nenye enesisindo esithile **samakhilogramu** noma **amagramu**.

Izikali ezahlukenene

Sisebenzisa izinhlobo ezahlukenene ukukala isisindo. Sisebenzisa ezilinganisayo kanye nezisebenzisa isipilingi.

Ilitha lamanzi linesisindo sekhilogramu eli-1.

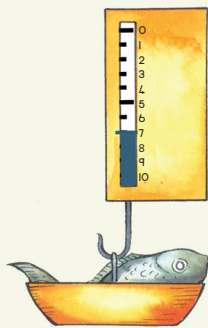


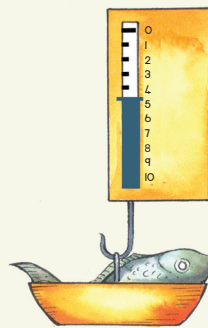
Le nhlanzi inesisindo samakhilogramu ama-3.

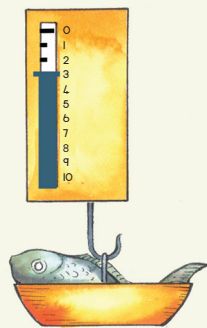


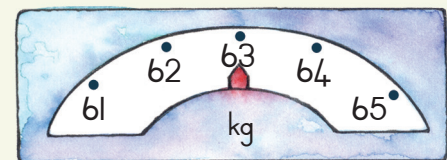
Thola isisindo salokhu.

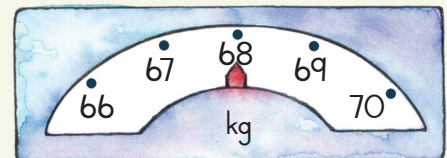
Bhala isisindo ngama-kg esikhonjiswa esikalini ngasinye sespringi.

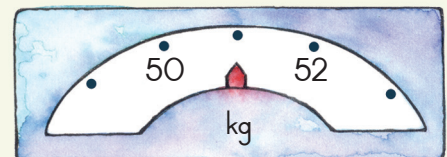








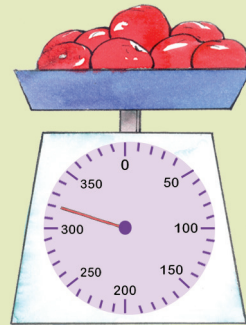




Sisebenzisa amagramu ukukala isisindo sezinto ezincane nezilula kanye nokukala amaqhezu ekhilogramu.

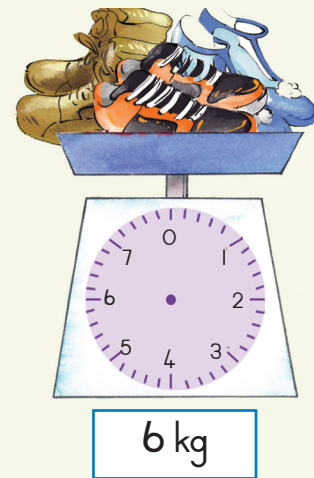
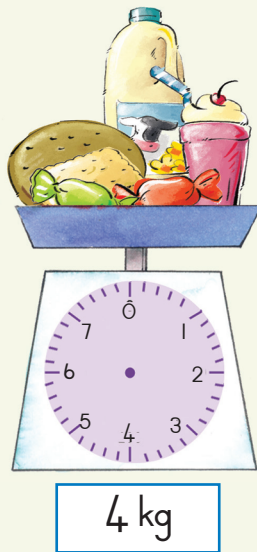
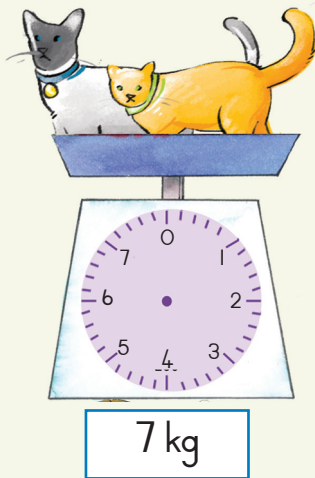
$$1\,000\text{ g} = 1\text{ kg}$$

Kulesi sikali esinesipilingi, umugqa ngamunye omncane ulingana nesisindo samagramu ayi-10. Utamatisi unesisindo samagramu angama-320.



Zikala isisindo esingakanani?

Dweba lapho uluthi lwesikali kumele luye khona esikhathini ngasinye.



Yakha ikhilogramu.

Hlanganisa wenze 1 kg (1 000 g).

- $125\text{ g} + 250\text{ g} + 125\text{ g} + \underline{\hspace{2cm}}\text{ g} = 1\,000\text{ g} (1\text{ kg})$
- $50\text{ g} + 30\text{ g} + 240\text{ g} + 60\text{ g} + 100\text{ g} + \underline{\hspace{2cm}} = 1\text{ kg}$
- $57\text{ g} + 46\text{ g} + 243\text{ g} + 334\text{ g} = \underline{\hspace{2cm}} = 1\,000\text{ g} (1\text{ kg})$
- $50\text{ g} + 90\text{ g} + 160\text{ g} + \underline{\hspace{2cm}} = 1\,000\text{ g} (1\text{ kg})$



Teacher:

Sign:

Date:

103

Usuku:

Izinombolo 900 kuya e-1 000

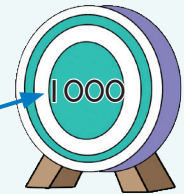
Ithemu 4



Qala ngokubala bese ubhala.

- a. Sebenzisa ishadi elilandelayo ukuze likusize ukubala usukele ema-900 uye e-1 000. Phimisela inombolo ngenkathi ubhala.

900



901		903							910
								919	
		943				948			
981									
991								999	

- b. Bhala izinombolo ezidingekayo kugridi engenhla.
c. Bhala izinombolo ezili-10 eziza emva kwama-900.

900; _____; _____; _____; _____; _____; _____; _____; _____; _____

- d. Bhala izinombolo eziyisi-8 ezilandelayo ezinephethini loku-2.

946; 948; 950; _____; _____; _____; _____; _____; _____

- e. Bhala zonke izinombolo ngamaphethini loku-2 kusukela ema-945 kuya ema-967.

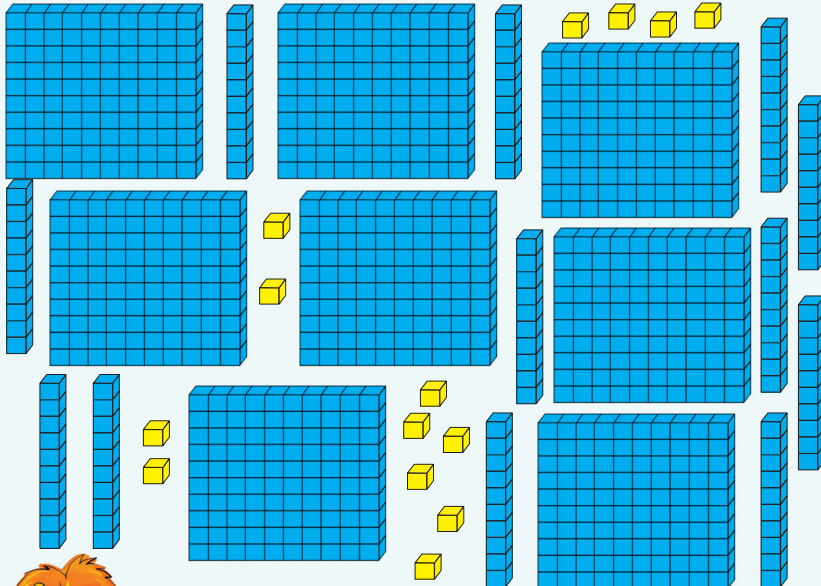
945; _____; _____; _____; _____; _____; _____; _____; _____; 967

- f. Bhala izinombolo eziyisi-8 ezilandelayo ezinephethini loku-5.

936; 941; 946; _____; _____; _____; _____; _____; _____



Uthola amabhulokhi amangaki uma uwabala?



Uwabale kanjani amabhulokhi?



Qedela umugqa wezinombolo.

950			953				957	958		
							956	961	966	
					903	906	909			



Qedela ithebhula.

Bhala usuke kokuncane kunakho konke uye kokukhulu kunakho konke.

Bhala usuke kokukhulu kunakho konke uye kokuncane kunakho konke.

936, 933, 935, 931, 937		
978, 907, 970, 917, 971		



Bhala lokhu okulandelayo ngamagama.

695



Teacher:

Sign:

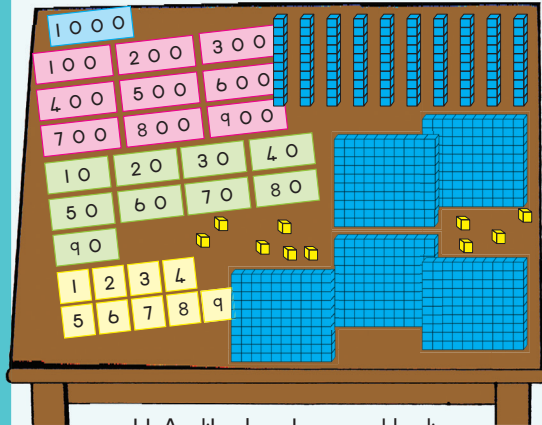
Date:

104

Okunye ngezinombolo ama-800 kuya e-1 000

Usuku:

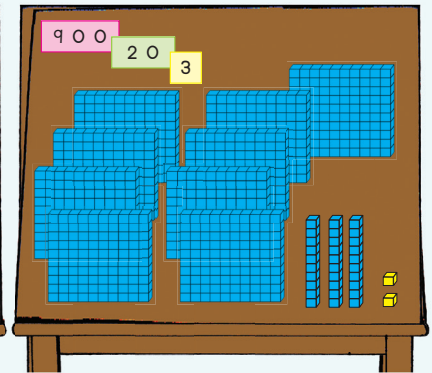
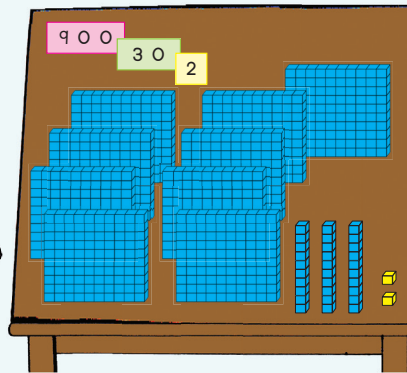
Ithemu 4



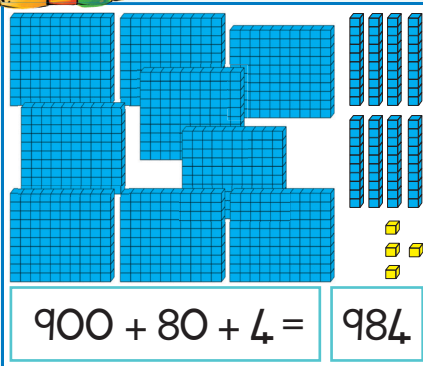
U-Andile ubevele enamakhadi
anezinombolo ngokwezikhundla
kanye namabhulokhi amashumi.

Uthisha ucele u-Andile ukuthi
akhombise ngamabhulokhi
namakhadi inani lama-932.

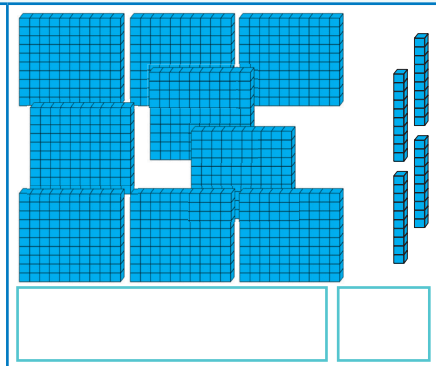
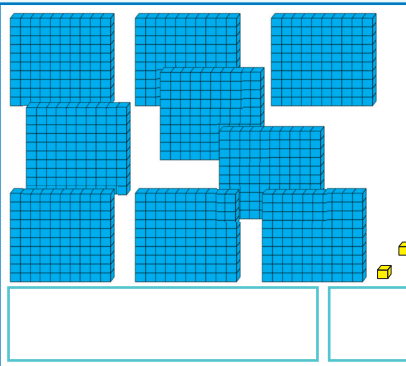
Okukhonjiswe wuGugu yilokhu.
Ngabe yini angayenzanga kahle?



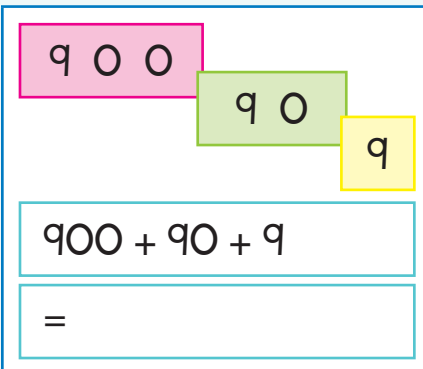
Bhala umusho wezinombolo kanye nempendulo.



$$900 + 80 + 4 = 984$$

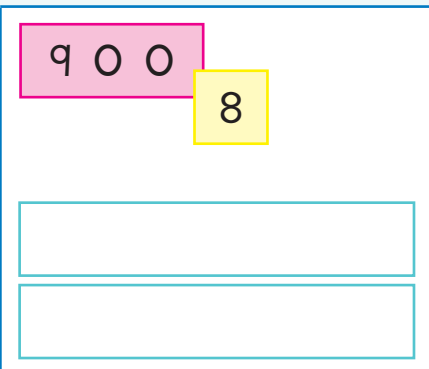
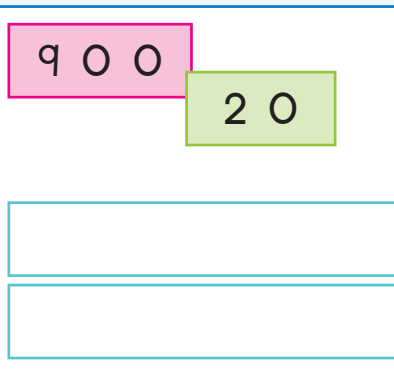


Bhala umusho wezinombolo kanye nempendulo.



$$900 + 90 + 9$$

=





Qedela umugqa wezinombolo.

989	990	991								999
-----	-----	-----	--	--	--	--	--	--	--	-----

Ngiphe zonke izinombolo ezincane kunama-995 _____

Ngiphe zonke izinombolo ezinkulu kunama-995 _____



Gcwalisa $<$, $>$ noma $=$.

a. 999 _____ 998 b. 957 _____ 975

c. $900 + 60 + 1$ _____ 961



Hlahlela inombolo yakho.

- Yakha inombolo ngayinye ngamakhadi.
- Bhala ubungako benombolo ngokwesikhundla sayo.
Yenza lokhu-ke manje: Hlahlela inombolo yakho.

922	
959	
980	
907	
931	

Isibonelo: 984

900

80

4

984

984 $900 + 80 + 4$



Bhala izinombolo ngamagama azo.

976	
905	
950	
821	
909	



Teacher: _____
Sign: _____
Date: _____

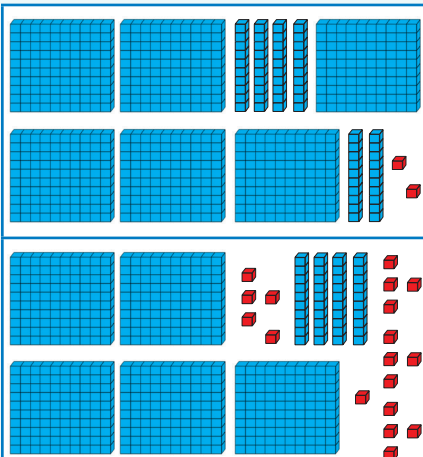
11 12 13 14 15 16 17 18 19 20

Ukuhlenganisa nokususa okufinyelela ema-999

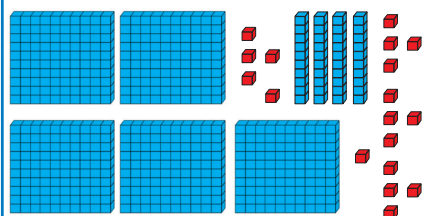
Ithemu 4



Bhala umusho wezinombolo ngalokhu ngakunye.



Chaza ukuthi uwabale kanjani amabhulokhi?



Chaza ukuthi uwabale kanjani amabhulokhi?



Landela isibonelo.

50	50	Ukuphinda kabili ama-50 kwenza i-100	300	300	
200	200		3	3	



Sebenzisa okuthi akuphindeke kabili ukuxazulula lokhu okulandelayo: Landela isibonelo.

a. $43 + 44 =$	Phinda kabili $43 + 1$	$43 + 43 + 1 = 87$
b. $81 + 41 =$		
c. $40 + 41 =$		
d. $66 + 67 =$		



Sebenzisa okuphindeke kabili noma okuthi makuphindeke kabili ukuxazulula lokhu okulandelayo. Landela isibonelo.

a. Ukuphinda kabili ama-340
 $= 340 + 340$
 $= \text{Ukuphinda kabili ama-340}$
 $= 300 + 300 + 40 + 40$
 $= 600 + 80$
 $= 680$

b. $340 + 341$
 $= \text{Ukuphinda kabili ama-340} + 1$
 $= 300 + 300 + 40 + 40 + 1$
 $= 600 + 80 + 1$
 $= 681$

c. $470 + 470$

d. $461 + 462$



Xazulula lesi sibalo:



Abantwana beBanga lesi-2 baqoqe inani lezimabule ezingama-360.

Abantwana beBanga lesi-3 bona banezimabule ezimbalwa ngama-216 uma beqhathaniswa nabeBanga lesi-2.

Abantwana beBanga lesi-3 banezingaki?



Teacher: _____
 Sign: _____
 Date: _____

11 12 13 14 15 16 17 18 19 20

Mayelana nendlu

Ithemu 4



Usuku lokubhaka.

UMamncane uPhindi ubhaka isinkwa kuhhavini wakhe.

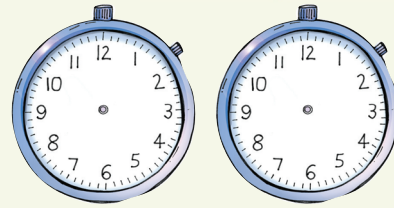
Khombisa isikhathi kula mawashi.



Ufaka isinkwa imizuzu **iyishumi nanhlanu** emva kwelesine.

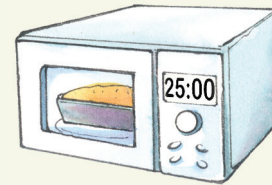
Ukhipha isinkwa imizuzu **imihlanu** ngemva kwelesihlanu.

Sithatha isikhathi esingakanani isinkwa uma sibhakwa? _____



Umama kaMimi usebenzisa imayikhroweyivu. Uthi iyashesha.

Manje isikhathi sithi 16:30. Buka isikhathi esithathwa wukupheka kumayikhroweyivu.



Sizovuthwa nini isinkwa? _____

Ishesha kangakanani imayikhroweyivu kunomunye uhavini? Imizuzu e-_____.



Imisebenzi yasekuseni.



NgoMgqibelo ekuseni uMusa noPalesa basiza umama endlini.

Uthatha isikhathi esingakanani umsebenzi ngamunye?

	Qala lapha	Phelela lapha	Kuthathe isikhathi esingakanani?
Yenza ukudla kwasekuseni	6:15	6:40	
Geza izitsha	7:20	8:05	
Hlanza ikhishi	8:20	9:15	
Hlanza indlu encane	10:00	10:25	
Hlanza ikamelo lokulala	11:30	12:15	



Nisela esivandeni.

Ipayipi lamanzi lisebenzisa amalitha angama-30 amanzi ngomzuzu o-1.

Mangaki amalitha amanzi elikwazi ukuwasebenzisa ipayipi?

Imizuzu e-2 amalitha a-_____.

Imizuzu e-2 $\frac{1}{2}$ amalitha a-_____.

Imizuzu e-5 amalitha a-_____.

Imizuzu eyi-10 amalitha a-_____.



Ukupheka ukhari.

Uyise kaBabu wenza aphinde athengise ukhari. Ngesonto elilodwa usebenzisa amafutha angamamilitha angama-750.

Ubhala phansi ukuthi usebenzise amafutha angakanani usuku nosuku.

ngoMsomb	ngoLwesib	ngoLwesith	ngoLwesin	ngoLwesihl	ngoMgq	ngeSon
98 ml	122 ml	108 ml	117 ml	109 ml	135 ml	?

- Mangaki amamilitha (ml) kawoyela awasebenzisa kusukela ngoMsombuluko kuze kube nguMgqibelo? _____ ml
- Mangaki amamilitha (ml) kawoyela awasebenzisa ngeSonto? _____
- Ibhodlela elilodwa likawoyela elingama-750 amamilitha (ml) libiza R18.50.

Amabhodlela ama-4 abiza? _____.

Hloa!
Qathanisa!
Lungisa!



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

Ukusebenza ngemali

Ithemu 4

Ukubala imali eyizinhlangvu nemali engamaphepha.

$10 \times \text{R}10 = \text{R}10$	$20 \times \text{R}10 = \text{R} \underline{\hspace{2cm}}$	$50 \times \text{R}10 = \text{R} \underline{\hspace{2cm}}$
$10 \times \text{R}20 = \text{R} \underline{\hspace{2cm}}$	$20 \times \text{R}20 = \text{R} \underline{\hspace{2cm}}$	$50 \times \text{R}20 = \text{R} \underline{\hspace{2cm}}$
$10 \times \text{R}50 = \text{R} \underline{\hspace{2cm}}$	$20 \times \text{R}50 = \text{R} \underline{\hspace{2cm}}$	$50 \times \text{R}50 = \text{R} \underline{\hspace{2cm}}$
$10 \times \text{R}100 = \text{R} \underline{\hspace{2cm}}$	$20 \times \text{R}100 = \text{R} \underline{\hspace{2cm}}$	$50 \times \text{R}100 = \text{R} \underline{\hspace{2cm}}$
$10 \times \text{R}1000 = \text{R} \underline{\hspace{2cm}}$	$20 \times \text{R}1000 = \text{R} \underline{\hspace{2cm}}$	$50 \times \text{R}1000 = \text{R} \underline{\hspace{2cm}}$
$100 \times \text{R}10 = \text{R} \underline{\hspace{2cm}}$	$100 \times \text{R}50 = \text{R} \underline{\hspace{2cm}}$	$100 \times \text{R}1000 = \text{R} \underline{\hspace{2cm}}$
$100 \times \text{R}20 = \text{R} \underline{\hspace{2cm}}$	$100 \times \text{R}100 = \text{R} \underline{\hspace{2cm}}$	



Uhambo ngesitimela.

UKgethi nabantwana bakhe aba-3 bahamba ngesitimela.

Abadala nabantwana bakhokha imali efanayo.

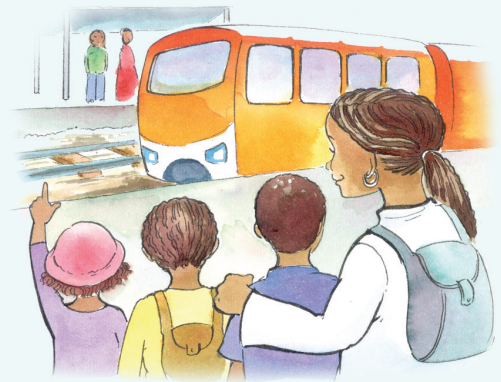
UKgethi ukhokha ngemali yamaphepha.



Uthola ama-R30 ushintshi.

Libiza malini ithikithi linye? Thikha (✓) impendulo efanele:

- a. R90 b. R32 c. R80 d. R45,50



Hlola!
Qhathanisa!
Lungisa!



Isiphaza sikaSandile.

USandile wakhe ithebhula lemali engenayo.

Okokuqala uyahlawumbisela, bese ebala imali engena nsuku zonke.

Imali engenayo yimali esiyitholayo noma etholakala ngoba siyisebenzele.

Siza uSandile aqedele ukubala. Bhala izimpendulo zakho ethebhuleni.

		Hlawumbisela	Isamba
uMsombuluko	$R50 + R75 + R200 + R350 + R25$		
uLwesibili	$R25 + R175 + R50 + R320 + R90$		
uLwesithathu	$R50 + R75 + R200 + R350 + R25$		
uLwesine	$R120 + R55 + R180 + R245 + R25$		
uLwesihlanu	$R60 + R150 + R140 + R200 + R125$		
uMgqibelo	$R50 + R75 + R200 + R350 + R25$		
iSonto			



Thola ukuthi ushintshi ungakanani.

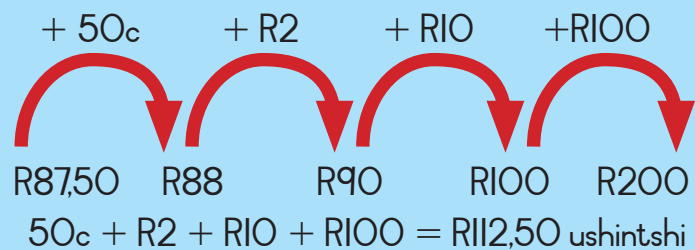
Ukuthola ushintshi kumele uhlanganise inani lezinto nemali oyikhiphile.

Isibonelo:

UPalesa uthenga ukudla ngama- R87,50

Ukhokha ngama-R200 ayiphepha.

Ungakanani ushintshi wakhe?



Sebenzisa umusho wezinombolo ukukusiza uthole ushintshi.

Inani: R229,40

Kukhokhwa nge-:



Inani: R305,60

Kukhokhwa nge-:



11 12 13 14 15 16 17 18 19 20



Okunye ngokuhlenganisa nokususa kuye ema-999

Ithemu 4



Masixazulule le nkinga.

UGugu uqoqe izitikha ezingama-234.

UMandla umnike ezingama-501.

Zingaki izitikha anazo sezizonke?

Uthini umbuzo?

Zingaki izitikha anazo sezizonke?

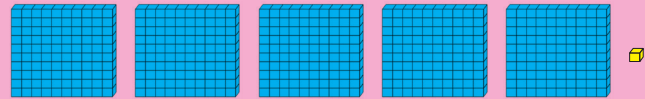
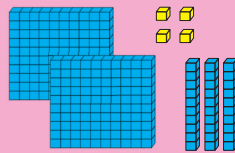
Yiliphi igama elimqoka? **Sezizonke**

Yiziphi izinombolo? **234 nama-501**

Masikhombise konke lokhu ngamabhulokhi akalwa ngeshumi.

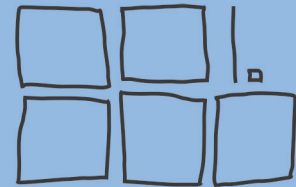


Nakhu okwenziwe nguGugu ukuxazulula inkinga.



Nakhu okwenziwe ngu-Aakar.

Wenze umdwebo omkhulu.



Okwenziwe nguLisa kufana kanjani nokuka-Aakar kube kungamabhulokhi?

Sebenzisa inombolo esenkingeni ukuxazulula lokhu okungezansi ngezindlela ezimbili ozifundile.

Indlela yoku-1

Indlela yesi-2



Imisebenzi yasekuseni.

UThembi uqoqele isikole izinto ezizovuselelwa. Uthole amabhodlela eplastiki angama-624 kanye namathini angama-268. Unezinto ezingaki aziqoqile sezizonke? Uthini umbuzo? _____

Zithini izinombolo?	Yiliphi igama elibalulekile? Thikha impendulo efanele. Igama elibalulekile lisitshela ukuthi masenze lokhu: Masihlanganise Masisuse
Yenza umdwebo.	Sebenzisa indlela yakho ukuxazulula le nkinga.

Isitolo sinamaphakethe kashukela angama-900. Emva kokuthengwa kwamanye amaphakethe, kusele angama-659. Bathengise amaphakethe amangaki? Uthini umbuzo? _____

Zithini izinombolo?	Yiliphi igama elibalulekile? Thikha impendulo efanele. Igama elibalulekile lisitshela ukuthi masenze lokhu: Masihlanganise Masisuse
Yenza umdwebo.	Sebenzisa indlela yakho ukuxazulula le nkinga.



Teacher: _____

Sign: _____

Date: _____

Ukuhlenganisa nokususa kuye ema-999 futhi

Ithemu 4

Buka lo mdwebho bese uwuchaza.



a. $223 + 223 =$ _____.

b. $160 + 160 =$ _____.

c. $115 + 115 =$ _____.

d. $315 + 315 =$ _____.

e. $117 + 117 =$ _____.

f. $450 + 450 =$ _____.

g. $112 +$ _____ $= 224$.

h. $116 +$ _____ $= 232$.



Bhala lezi zinombolo.

a. Ama-523 ahlenganiswe ne-12 kwakha _____.

b. Ama-540 kususwa i-15 kusala _____.

c. Ama-576 ahlenganiswe nama-20 kwakha _____.

d. Ama-590 kususwa ama-60 kusala _____.

e. Ama-537 ahlenganiswe nama-29 kwakha _____.

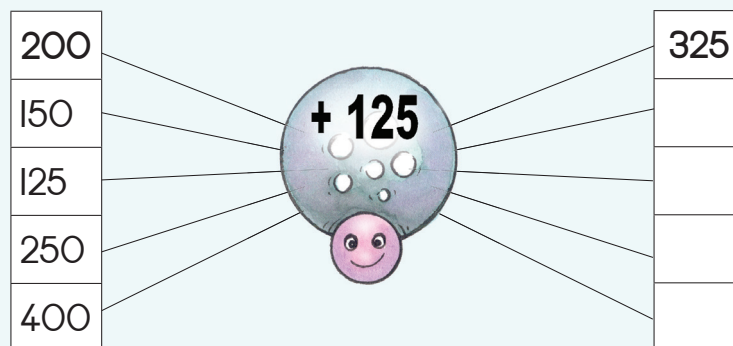
f. Uhhafu wama-300 ngama-_____.

g. Ukuphinda kabili ama-420 kuba _____.

h. Uhhafu wama-600 ngama-_____.



Hlanganisa 125





Yini engenza-1 000?

a. $200 + 150 + 50 + \square = 1000$	e. $25 + \square + 900 = 1000$
b. $1000 = 560 + \square + 400$	f. $\square + 700 + 50 = 1000$
c. $670 + \square = 1000$	g. $1000 = 420 + \square + 500$
d. $910 + 40 + \square = 1000$	h. $\square + 30 + 900 = 1000$

Thola imindenani yezinombolo ezine

Isibonelo: $125 + 600 = 725$ $725 - 125 = 600$ $725 - 600 = 125$

$123 + 77 = \square$	$\square - 77 = 123$	$\square - 123 = 77$
$650 + \square = 800$	$800 - 650 = \square$	$\square + 650 = 800$
$1000 - 250 = \square$	$1000 - \square = 250$	$250 + \square = 1000$
$56 + \square = 300$	$300 - \square = 56$	$\square + 56 = \square$
$820 + \square = 1000$	$1000 - \square = 820$	$1000 - 820 = \square$



Hlola!
Qhathanisa!
Lungisa!

Hlanganisa uphinde ususe amashumi namakhulu

a. Amashumi namakhulu

$78 + 10 =$	$149 + 10 =$	$456 + 100 =$	$987 + 10 =$
$636 + 100 =$	$801 + 100 =$	$727 + 100 =$	$612 + 10 =$
$456 - 10 =$	$749 - 100 =$	$829 - 100 =$	$987 - 10 =$
$875 + 10 =$	$709 - 100 =$	$815 + 10 =$	$903 - 100 =$

b. Amashumi aphelele (Iziphindaphindi ze-10)

$150 - 30 =$	$190 - 60 =$	$175 - 50 =$	$990 - 80 =$
$210 + 90 =$	$335 + 60 =$	$660 + 50 =$	$812 + 60 =$
$256 - 50 =$	$320 - 30 =$	$785 - 60 =$	$999 - 90 =$
$567 + 37 =$	$671 + 90 =$	$832 + 80 =$	$928 + 80 =$

Xazulula lesi sibalo:

$925 + 53 = \square$ $571 + 202 = \square$ $786 + 75 = \square$ $903 + 95 = \square$

11 12 13 14 15 16 17 18 19 20

110

Usuku:

Amaphazili okukala

Ithemu 4

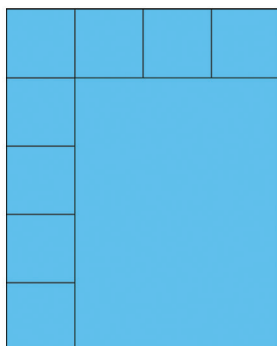


Thola ububanzi bendawo.

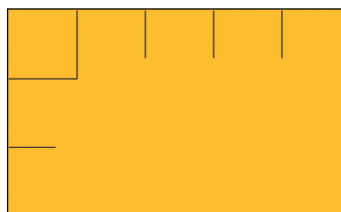
Zingaki izikwele ozidinga ■ ukuqedela isembozo ngasinye?

Sebenzisa indlela yakho yokubala. Khombisa ngomdwebo ukuthi ukwenze kanjani lokhu ezithombeni.

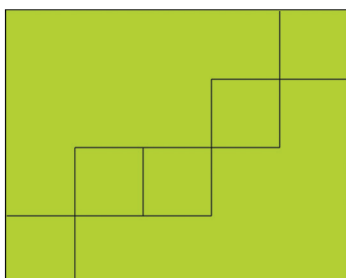
a.



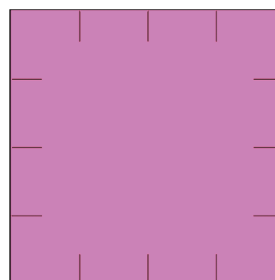
b.



c.

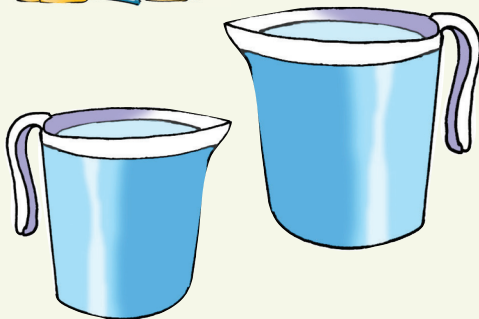


d.



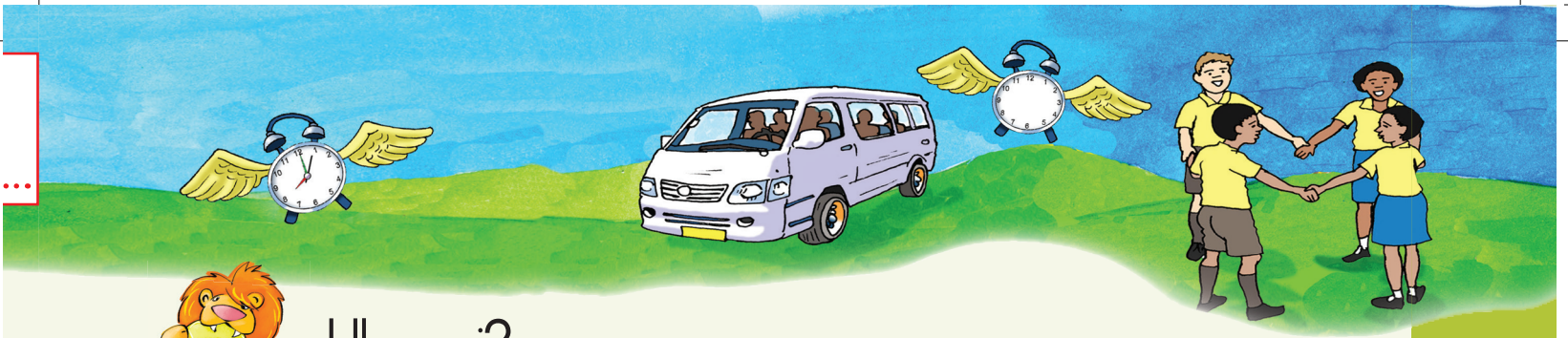


Xazulula isiphicaphicwano.



Ufuna ukukala amalitha ama-4 amanzi. Uneziqukathi ezimbili: esinye siphethe amalitha ama-3 esinye ama-5. Uzokwenza kanjani lokhu?

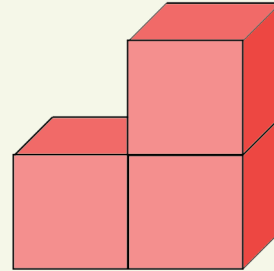
Siyakucebisa: kunezindlela ezimbili okungenani.



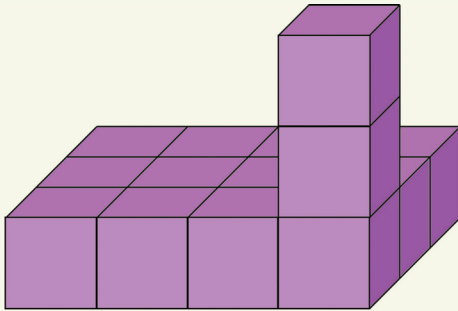
Ubonani?

Amabhokisi amathathu ananyathiselwe ngeglu kulesi sithombe.

Uma ucosha izingxenye ezihlanganisiwe zaba ngamabhokisi, zingaki izikwele ozithola ngaphandle? _____



Bala amabhokisi.



Mangaki amabhokisi akha lesi simo?



Inselelo: isiphicaphicwano sesikhathi

Unezinto ezimbili zokukala isikhathi.

Okukodwa kuphiwa imizuzu eyi-7 bese kuthi okunye kuphiwe imizuzu eyi-11.

Ungazisebenzisa kanjani lezi zikali ukuthola ukuthi idlule nini imizuzu eyi-15?

Hlola!
Qhathanisa!
Lungisa!



Teacher: _____

Sign: _____

Date: _____

11 12 13 14 15 16 17 18 19 20



Amaphethini ezinombolo: amashumi kuya ema-900

Ithemu 4

Masibale ngamashumi ukusuka ema-810 kuya ema-900.

801	802	803	804	805	806	807	808	809	810
811	812	813	814	815	816	817	818	819	820
821	822	823	824	825	826	827	828	829	830
831	832	833	834	835	836	837	838	839	840
841	842	843	844	845	846	847	848	849	850
851	852	853	854	855	856	857	858	859	860
861	862	863	864	865	866	867	868	869	870
871	872	873	874	875	876	877	878	879	880
881	882	883	884	885	886	887	888	889	890
891	892	893	894	895	896	897	898	899	900



Zenza phethini lini izinombolo ezikokelezelwe?

Okukokelezelwe ngombala **obomvu**: Ukubala nga-_____.

Bhala iphethini lalokho: _____

Okukokelezelwe ngombala **osatshani**: Ukubala nga-_____.

Bhala iphethini lalokho: _____



Bala.

a. $874 + 10 + 10 + 10 =$ _____

b. $858 - 10 - 10 - 10 - 10 =$ _____

c. $845 + 10 + 10 =$ _____

d. $858 - 10 - 10 - 10 =$ _____

e. $836 + 10 =$ _____

f. $866 - 10 - 10 =$ _____

g. $892 + 10 + 10 + 10 =$ _____

h. $87 - 10 - 10 - 10 =$ _____

i. $880 + 10 + 10 =$ _____

j. $855 - 10 =$ _____

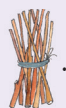


Yizinduku ezingaki?

Kunezinduku eziyi-10



enyandeni



1		= izinduku ezi- _____
2		= izinduku ezi- _____
3		= izinduku ezi- _____
4		= izinduku ezi- _____
5		= izinduku ezi- _____
6		= izinduku ezi- _____
7		= izinduku ezi- _____
8		= izinduku ezi- _____
9		= izinduku ezi- _____
10		= izinduku ezi- _____

10		= izinduku ezi- _____
20		= izinduku ezi- _____
30		= izinduku ezi- _____
40		= izinduku ezi- _____
50		= izinduku ezi- _____
60		= izinduku ezi- _____
70		= izinduku ezi- _____
80		= izinduku ezi- _____
90		= izinduku ezi- _____
100		= izinduku ezi- _____



Imigqa yezinduku.

Kunezinyanda eziyi-10 zezinduku emgqeni = izinduku ezi-100



Umugqa o-1 wezinyanda ezi-10 = izinduku ezi-100

$$10 \times 10 = 100$$

Imigqa e-2 yezinyanda ezi-10 = izinduku ezi- _____

$$20 \times 10 = \underline{\hspace{2cm}}$$

Imigqa e-4 yezinyanda ezi-10 = izinduku ezi- _____

$$40 \times 10 = \underline{\hspace{2cm}}$$

Imigqa e-10 yezinyanda ezi-10 = izinduku ezi- _____

$$100 \times 10 = \underline{\hspace{2cm}}$$



Zingaki izinyanda?

Izinduku ezi-700 zakha izinyanda ezi- _____

Izinduku ezi-900 zakha izinyanda ezi- _____

Izinduku ezi-1 000 zakha izinyanda ezi- _____



Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Ukusondezela eshumini

Ithemu 4

Sesike sakwenza ukusondezela ezahlukeni ezedlule. Buka lo mugqa wezinombolo bese uchazela umngani wakho ukuthi kwenziwe kanjani ukusondezela eshumini.



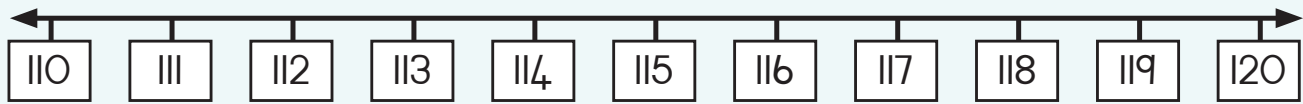
Khumbula ukubheka imivo uma usondezela eshumini eliseduze.



Sondezela lokhu e-10.

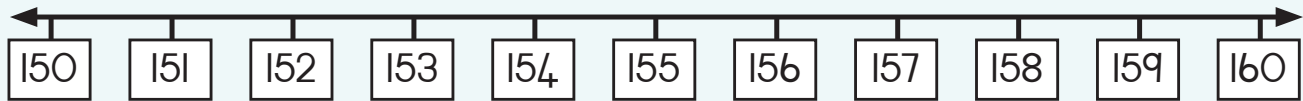
I-114 elisondezelwe lenza? _____

I-117 elisondezelwe lenza? _____



I-159 elisondezelwe lenza? _____

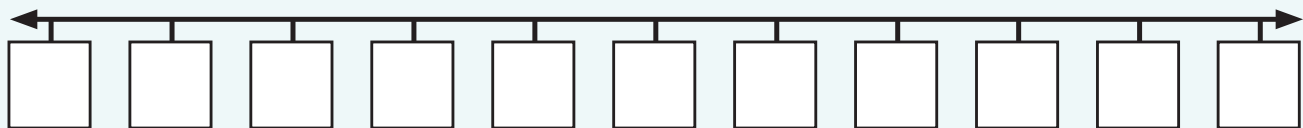
I-151 elisondezelwe lenza? _____



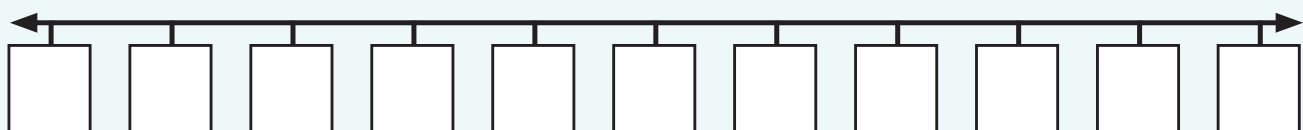
Sondezela eshumini eliseduze.

Dweba owakho umugqa wezinombolo.

195



945





Sondezela e-10 eliseduze.

Ngaphambili kokusondezela eshumini:

- Bhala usho ukuthi iphakathi kwamaphi amashumi amabili inombolo ezosondezelwa.
- Khombisa ngomcibisholo ukuthi ingahle ibe kuphi emgqeni wezinombolo inombolo ezosondezelwa.

a. I-128 uma lisondezelwa eshumini eliseduzane liba yi-130.



b. 877



c. 901



d. 566



e. 999



Sondezela lezi zinombolo e-10 eliseduze.

- | | | | | | | | | | |
|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|
| a. 161 | <input type="text"/> | b. 583 | <input type="text"/> | c. 415 | <input type="text"/> | d. 848 | <input type="text"/> | e. 612 | <input type="text"/> |
| f. 230 | <input type="text"/> | g. 327 | <input type="text"/> | h. 989 | <input type="text"/> | i. 534 | <input type="text"/> | j. 748 | <input type="text"/> |



Ngidinga amangaki amaphepha ama-RIO?

UMbali nabangani aba-8 bazoba nosuku lokuzithokozisa esikoleni. Bazokhokha ama-R4 umuntu ngamunye. UMbali kunemali ayongile wayesethi uzobakhokhela abangani bonke. Wayeseya emshinini wemali wayoyikhipha. Umshini umnike imali engamaphepha kuphela. Mangaki ama-RIO angamaphepha azowadinga?



Teacher: _____

Sign: _____

Date: _____

11 12 13 14 15 16 17 18 19 20

Ukuphindaphinda kanye nokuhlukanisa: okuhlano kuya e-100

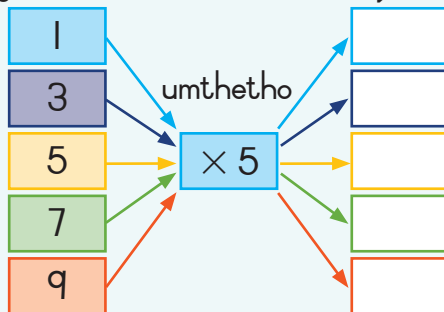
Ithemu 4



Qedela ishadi lokulandelanayo.

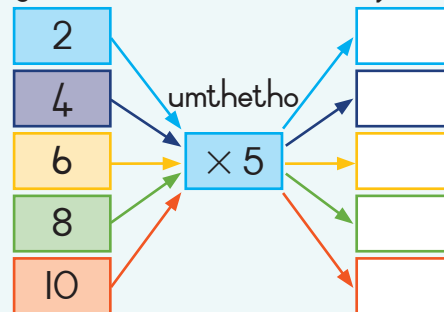
okungenisiwe

okukhiqiziwe



okungenisiwe

okukhiqiziwe



Qedela ithebhula elingezansi:

×	1	2	3	4	5	6	7	8	9	10
5										



Bala:

$$12 \times 5$$

$$= (10 + 2) \times 5$$

$$= 50 + 10$$

$$= 60$$

$$11 \times 5$$

$$13 \times 5$$

$$= (10 + 3) \times 5$$

$$= 50 + 15$$

$$= 50 + 10 + 5$$

$$= 65$$

$$13 \times 5$$



$$45 \div 5$$

$$= (40 + 5) \div 5$$

$$= (45 \div 5) + (5 \div 5)$$

$$= 8 + 1$$

$$= 9$$

$$75 \div 5$$

$$48 \div 5$$

$$= (40 + 8) \div 5$$

$$= (40 \div 5) + (8 \div 5)$$

$$= 8 + 1 \text{ kusala } 3$$

$$= 9 \text{ kusala } 3$$

$$13 \div 5$$

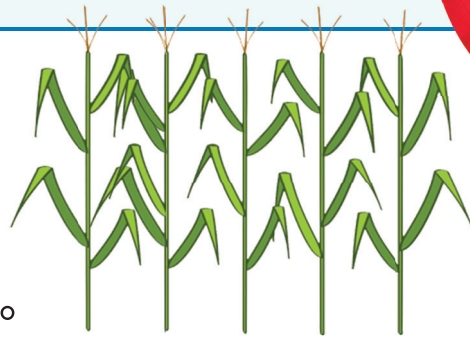


Xazulula lesi sibalo:

Ingadi yemifino inemigqa eyi-14 yezitshalo.

Umugqa ngamunye unezitshalo ezilinganayo ngobuningi.

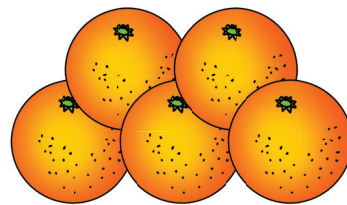
Uma kunesamba sama-70 ezitshalo, zingaki izitshalo ezisemgqeni ngamunye?



UDavide uthengisa amawolintshi ngamahlanu.

Unamawolintshi angama-85.

Uzogwalisa amasaka amangaki?



11 12 13 14 15 16 17 18 19 20

Amaphethini ezinombolo: okuhlanu kuya e-1 000

Ithemu 4

Masibale ngakuhlanu kusukela ema-805 kuya ema-900.

801	802	803	804	805	806	807	808	809	810
811	812	813	814	815	816	817	818	819	820
821	822	823	824	825	826	827	828	829	830
831	832	833	834	835	836	837	838	839	840
841	842	843	844	845	846	847	848	849	850
851	852	853	854	855	856	857	858	859	860
861	862	863	864	865	866	867	868	869	870
871	872	873	874	875	876	877	878	879	880
881	882	883	884	885	886	887	888	889	890
891	892	893	894	895	896	897	898	899	900



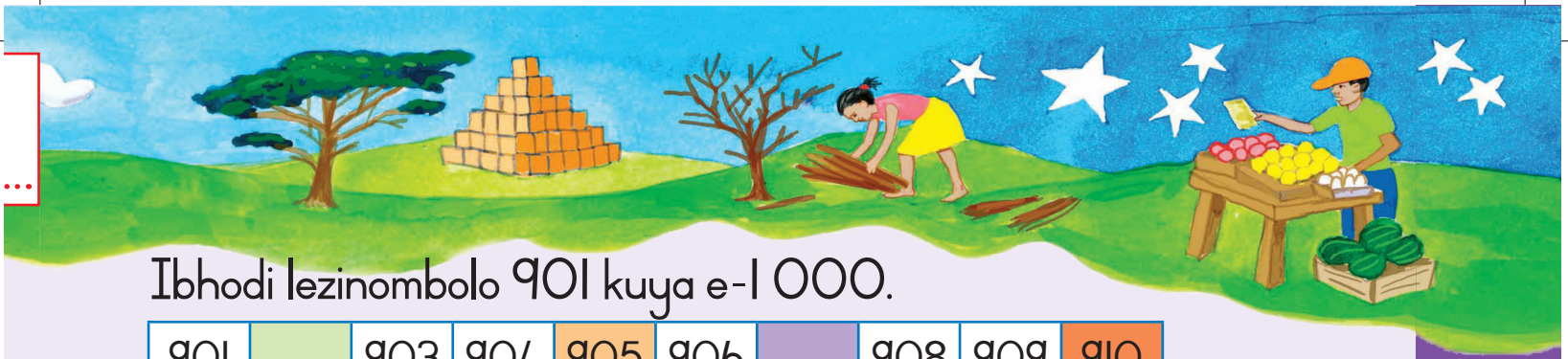
Phethini lini elivezwa yizinombolo ezikokelezelwe?

Okukokelezelwe ngombala osasibhakabhaka :	Ukubala nga-_____.
Bhala iphethini lalokho:	
Okukokelezelwe ngombala obukhwebezana :	Ukubala nga-_____.
Bhala iphethini lalokho:	



Bala.

a. $875 + 5 + 5 + 5 =$ _____	b. $850 - 5 - 5 - 5 =$ _____	c. $845 + 5 + 5 =$ _____
d. $830 - 5 - 5 - 5 =$ _____	e. $886 + 5 =$ _____	f. $846 - 5 - 5 =$ _____
g. $802 + 5 + 5 + 5 =$ _____	h. $801 - 5 =$ _____	i. $853 - 5 - 5 - 5 =$ _____



Ibhodi lezinombolo 901 kuya e-1 000.

901		903	904	905	906		908	909	910
911		913	914	915	916		918	919	920
921		923	924	925	926		928	929	930
931		933	934	935	936		938	939	940
941		943	944	945	946		948	949	950
951		953	954	955	956		958	959	960
961		963	964	965	966		968	969	970
971		973	974	975	976		978	979	980
981		983	984	985	986		988	989	990
991		993	994	995	996		998	999	1000



Gcwalisa izinombolo ezidingekayo.

Mahluko muni okhona phakathi kwezinombolo ezisatshani kanye nezibukhwebezana ezisemgqeni owodwa?



Qedela la maphethini.

Uyalibona iphethini?	Lichaze.
963, 968, 973, 978, 983, _____	
944, 949, 954, 959, 964, _____	
921, 926, 931, 936, 941, _____	
956, 951, 946, 941, 936, _____	
982, 987, 992, 997, _____	
927, 922, 917, 912, 907, _____	



Teacher: _____
Sign: _____
Date: _____

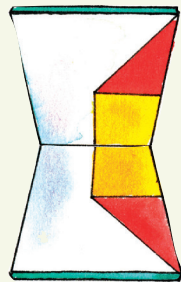


115

Okunye ngokulingana



Isibuko, isibuko.



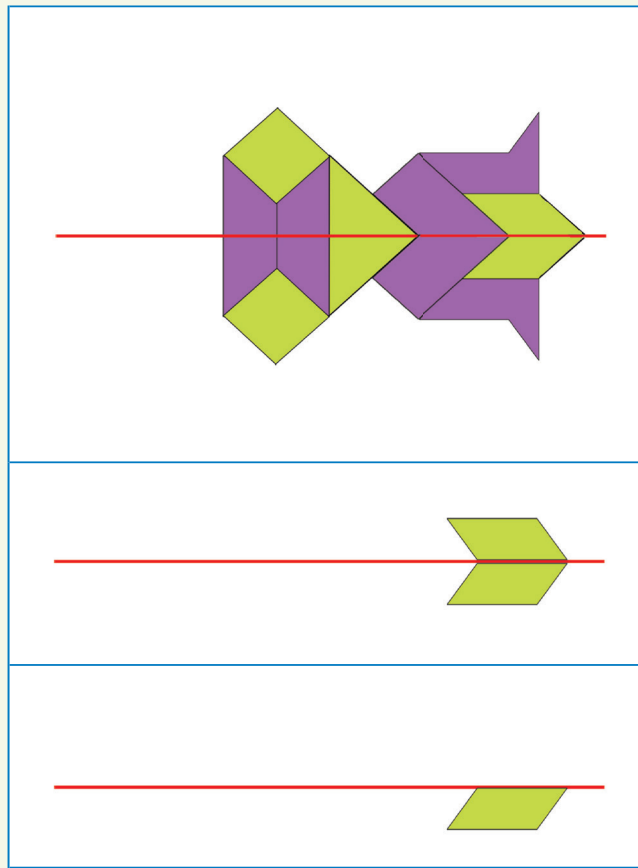
Dlala nomngani nisebenzise isethi eyodwa yamaphazili afana namathayili (ane-14 lezingcezu) kokuSikwayo kwe-10.

Umdlali ngamunye unohhafu wezingcezu (izingcezu eziyi-7) zezimo zephazili ezingamathayili. Alukho ucezu olufana nolunye.

Dweba umugqa phakathi nephepha. Le ngxenye izobizwa ngokuthi "wumugqa ogqamile". Umdlali wokuqala ubeka ucezu lwakhe olulodwa eduze komugqa.

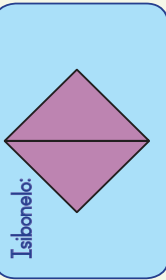
Umdlali wesibili ubeka umugqa ogqamile ngale komunye umugqa. Kumele kuvuthinte umugqa lowo noma kuthinte isimo ebesivele sibekiwe.

Umdlalo mawuqhubeke zize zisebenze zonke izingcezu.

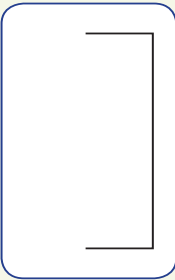
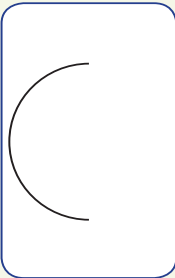
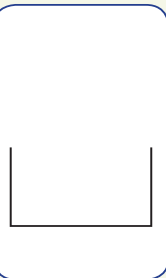


Dweba olunye uhlangothi lwesimo.

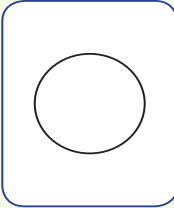
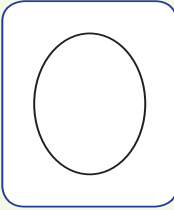
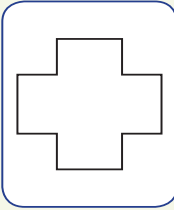
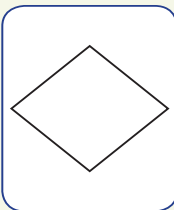
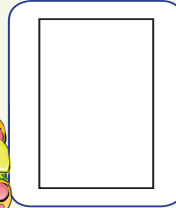
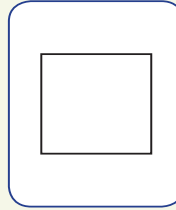
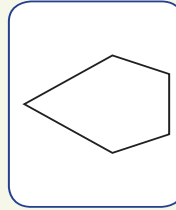
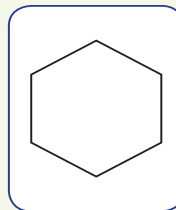
Manje veza umugqa oveza ukulingana kwezingcezu.



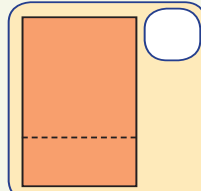
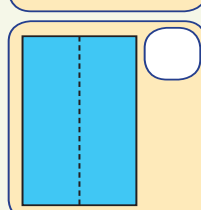
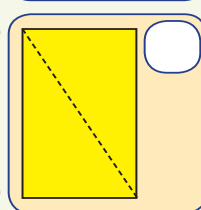
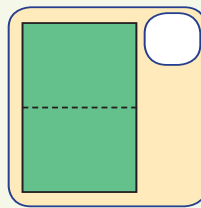
Isibonelo:



Dweba umugqa oveza ukulingana kwezingcezu kulokhu okulandelayo:



Thikha izimo ezinemigqa efanele ekhombisa ukulingana kwezingcezu.



Teacher:
Sign
Date:

Amaphethini ezinombolo: okungakubili kuze kufinyelele ema-900

Masibale ngakuhlano kusukela ema-802 kuya ema-900.

801	802	803	804	805	806	807	808	809	810
811	812	813	814	815	816	817	818	819	820
821	822	823	824	825	826	827	828	829	830
831	832	833	834	835	836	837	838	839	840
841	842	843	844	845	846	847	848	849	850
851	852	853	854	855	856	857	858	859	860
861	862	863	864	865	866	867	868	869	870
871	872	873	874	875	876	877	878	879	880
881	882	883	884	885	886	887	888	889	890
891	892	893	894	895	896	897	898	899	900

Phethini lini elivezwa yizinombolo ezikokelelwe?

Okukokelelwe ngombala osasibhakabhaka:	Ukubala nga-
Bhala iphethini lalokho:	
Okunombala osatshani:	Ukubala nga-
Bhala iphethini lalokho:	



Bala.

a. $872 + 2 + 2 + 2 =$	b. $820 - 2 - 2 - 2 =$	c. $844 + 2 + 2 =$
d. $832 - 2 - 2 - 2 =$	e. $883 + 2 =$	f. $842 - 2 - 2 =$
g. $801 + 2 + 2 + 2 + 2 =$	h. $815 - 2 =$	i. $846 - 2 - 2 - 2 =$



Ugweje nokungelona ugweje.

a. Dweba (X) eduze kwezinzombolo ezilugweje (✓) eduze kwezinzombolo ezingelona ugweje.

908	917	925	931	930	910	909	922	933
914	923	916	907	929	912	911	915	

b. Phendula uthi ugweje noma akulona ugweje.

Hlanganisa izinzombolo ezimbili ezilugweje. Uthola inombolo

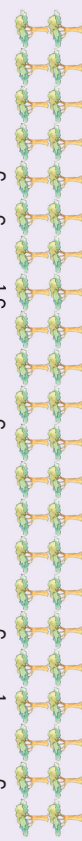
Hlanganisa izinzombolo ezingelona ugweje. Uthola inombolo

Hlanganisa izinzombolo ezintathu ezilugweje. Uthola inombolo



Ukutshala izihlahla.

Lena yindlela eqondile yokutshala izihlahla ezingama-48 emiggeni elinganayo.



Sibhala: $2 \times 24 = 48$ (imigqa emi-2 yezihlahla ezingama-24 = 48) noma

$48 \div 2 = 24$ (izihlahla ezingama-48 emiggeni emi-2 elinganayo zenza izihlahla ezingama-24 emiggeni).

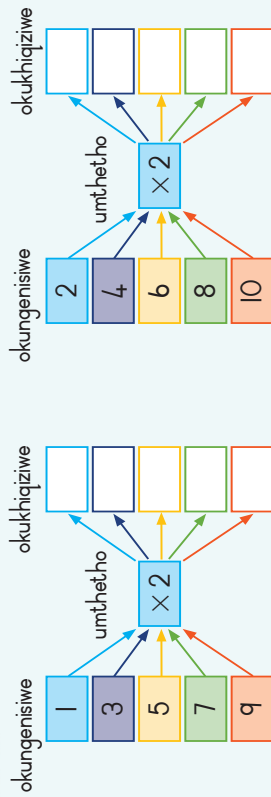
Bhala umusho wezinombolo onophawu $\times$ kanye nophawu $\div$ ukuqondanisa.

a.	$\times$	$=$	$\div$	$=$	
b.	$\times$	$=$	$\div$	$=$	
c.	$\times$	$=$	$\div$	$=$	
d. Thola enye indlela yokutshala izihlahla ezingama-48 emiggeni.	$\times$	$=$	$\div$	$=$	
e. Thola enye indlela yokutshala izihlahla ezingama-48 emiggeni.	$\times$	$=$	$\div$	$=$	

Ukuphindaphinda nokuhlukanisa: okungakubili kuze kufinyelele e-100

Itihemu 4

Qedela ishadi lokulandelanayo.



Qedela ithebhula elingezansi:

×	1	2	3	4	5	6	7	8	9	10
2										



Bala:

12×2	11×2
$= (10 + 2) \times 2$ $= 20 + 4$ $= 24$	
18×2	22×2
$= (10 + 8) \times 2$ $= 20 + 16$ $= 20 + 10 + 6$ $= 36$	



Xazulula lesi sibalo:

Ingadi yemifino inemigqa engama-32 yezitshalo.

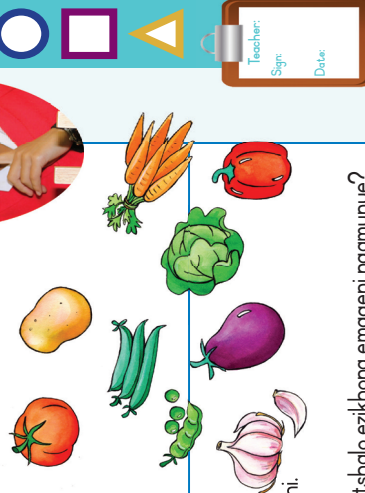
Umugqa ngamunye unezitshalo ezi-2.

Zingaki izitshalo ezikhona engadini?

Ingadi yemifino inemigqa engama-40 yezitshalo.

Umugqa ngamunye unezitshalo ezilinganayo ngenani.

Uma kunesamba sezitshalo ezingama-80 zingaki izitshalo ezikhona enggeni ngamunye?

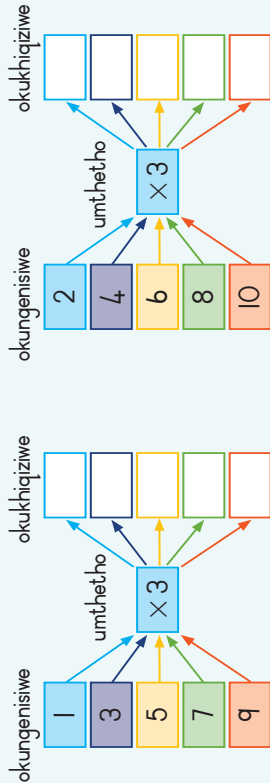


Ukuphindephinda nokuhlukanisa:

okuthathu kuya e-100

Itihemu 4

Qedela ishadi lokulandelanayo.



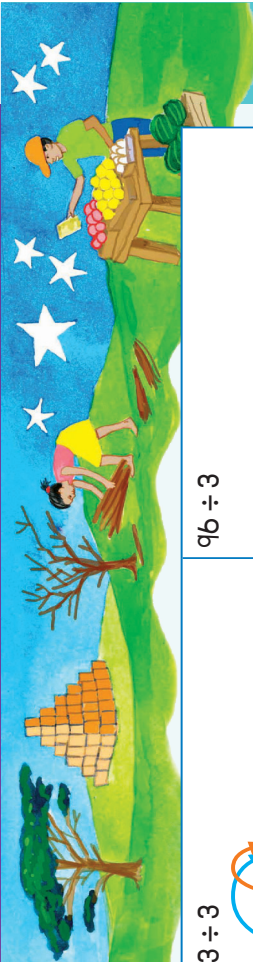
Qedela ithebula elingezansi:

×	1	2	3	4	5	6	7	8	9	10
3										



Bala:

12×3	11×3
$= (10 + 2) \times 3$ $= 30 + 6$ $= 36$	
17×3	19×3
$= (10 + 7) \times 3$ $= 30 + 21$ $= 30 + 20 + 1$ $= 51$	



$63 \div 3$ $= (60 + 3) \div 3$ $= (60 \div 3) + (3 \div 3)$ $= 20 + 1$ $= 21$	$96 \div 3$
$65 \div 3$ $= (60 + 5) \div 3$ $= (60 \div 3) + (5 \div 3)$ $= 20 + 1 \text{ kusala } 2$ $= 21 \text{ kusala } 2$	$98 \div 3$



Xazulula lesi sibalo:

UMarlene unamaswidi angama-30.	
Amaswidi kaJakobe angaphindwa kashumi kwakaMarlene.	
UJakobe unamaswidi amangaki?	
Ingadi yemifino inemigqa engama-29 yezitshalo.	
Umugqa ngamunye unezitshalo ezi-3.	
Zingaki izitshalo ezisengadini sezizonke?	

Teacher: _____
Sign: _____
Date: _____

119

Amaphethini ezinombolo:
okuthathu kuya e-1 000

Masibale ngakuthathu kusukela ema-803 kuya ema-899.

801	802	803	804	805	806	807	808	809	810
811	812	813	814	815	816	817	818	819	820
821	822	823	824	825	826	827	828	829	830
831	832	833	834	835	836	837	838	839	840
841	842	843	844	845	846	847	848	849	850
851	852	853	854	855	856	857	858	859	860
861	862	863	864	865	866	867	868	869	870
871	872	873	874	875	876	877	878	879	880
881	882	883	884	885	886	887	888	889	890
891	892	893	894	895	896	897	898	899	900

Phethini lini elivezwa yizinombolo ezikokelezelwe?

Okukokelezelwe ngombala ophinki :	Ukubala nga-_____.
Bhala iphethini:	
Okukokelezelwe ngombala osatshani :	Ukubala nga-_____.
Bhala iphethini:	



Bala.

a. $873 + 3 + 3 + 3 =$	b. $824 - 3 - 3 - 3 =$	c. $841 + 3 + 3 =$
d. $837 - 3 - 3 - 3 =$	e. $889 + 3 =$	f. $846 - 3 - 3 =$
g. $802 + 3 + 3 + 2 =$	h. $819 - 3 =$	i. $880 - 3 - 3 - 3 =$

Ukukus:

Ibhodi lezinombolo 901 kuya e-1 000.

901		903	904		906	907		909	910
	912	913		915	916		918	919	
921	922		924	925		927	928		930
931		933	934		936	937		939	940
	942	943		945	946		948	949	
951	952		954	955		957	958		960
961		963	964		966	967		969	990
	972	973		975	976		978	979	
981	982		984	985		987	988		990
991		993	994		996	997		999	1000



Gcwalisa izinombolo ezidingekayo.

Faka umbala enombaweni edingekayo ebhulokhini elisatshani.

Faka umbala obomvu ezikheleni esimhlophe esinezinombolo.

Phethini lini alibonayo?



Qedela la maphethini.

a. Hlanganisa oku-4, kathathu ufinyelele ema-981.	984, 987, 990, 993
b. Hlanganisa oku-5 kathathu ufinyelele ema-973.	
c. Susa oku-4 kathathu ema-975.	
d. Susa oku-3 kathathu ema-947.	
e. Hlanganisa oku-2 kathathu ufinyelele ema-932.	

Teacher:
Sign:
Date:

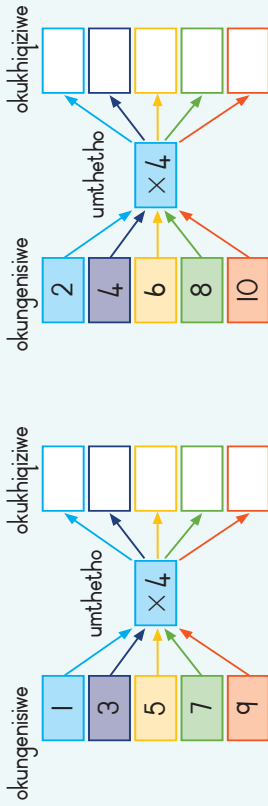
1 2 3 4 5 6 7 8 9 10

11 12 13 14 15 16 17 18 19 20

Ukuphindephinda nokuhlukanisa:

okune kuya e-100

Qedela ishadi lokulandelayo.



Qedela ithebula elingezansi:

×	1	2	3	4	5	6	7	8	9	10
4										



Bala:

$$\begin{aligned}
 12 \times 4 &= (10 + 2) \times 4 \\
 &= 40 + 8 \\
 &= 48
 \end{aligned}$$

$$\begin{aligned}
 13 \times 4 &= (10 + 3) \times 4 \\
 &= 40 + 12 \\
 &= 52
 \end{aligned}$$

11 × 4

15 × 4



Xazulula lesi sibalo:

UTony unamaswidi angama-36.

Udla ama-4 nsuku zonke.

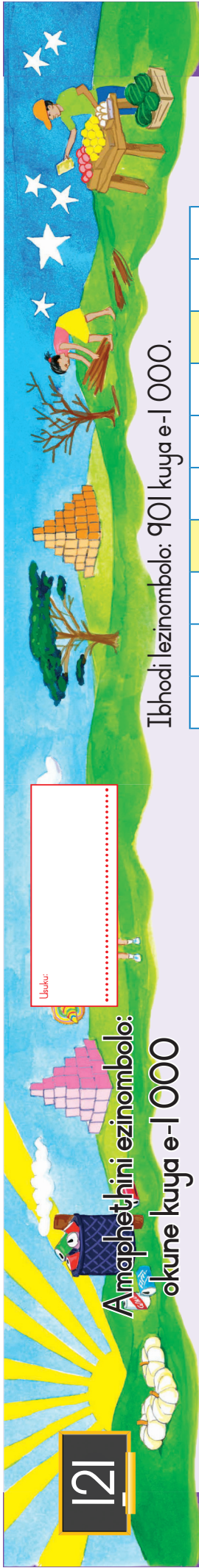
Kuzomthatha izinsuku ezingaki ukuwaqeda?

UDavide uthengisa amaphakethe aqakethe amawolintshi amane lilinye.

Unamawolintshi angama-88.

Uzogcwalisa amaphakethe amangaki?





121

Amaphethini ezinombolo:
okune kuya e-1 000

Masibale ngakune kusukela ema-804 kuya ema-900.

801	802	803	804	805	806	807	808	809	810
811	812	813	814	815	816	817	818	819	820
821	822	823	824	825	826	827	828	829	830
831	832	833	834	835	836	837	838	839	840
841	842	843	844	845	846	847	848	849	850
851	852	853	854	855	856	857	858	859	860
861	862	863	864	865	866	867	868	869	870
871	872	873	874	875	876	877	878	879	880
881	882	883	884	885	886	887	888	889	890
891	892	893	894	895	896	897	898	899	900



Phethini lini elivezwa yizinombolo ezikokelezwe?

Okukokelezwe ngombala osatshani:	Ukubala nga-
Bhala iphethini lalokho:	
Okukokelezwe ngombala obukhwebezana:	Ukubala nga-
Bhala iphethini lalokho:	



Bhala iphethini lalokho:

a. $872 + 4 + 4 + 4 =$	b. $821 - 4 - 4 - 4 =$	c. $840 + 4 + 4 =$
d. $836 - 4 - 4 - 4 =$	e. $885 + 4 =$	f. $845 - 4 - 4 =$
g. $803 + 4 + 4 + 4 =$	h. $813 - 4 =$	i. $847 - 3 - 3 - 3 =$

Ibhodi lezinombolo: 901 kuya e-1 000.

901	902	903	904	905	906	907	908	909	
911	912	913	914	915	916	917	918	919	920
921	922	923	924	925	926	927	928	929	930
931	932	933	934	935	936	937	938	939	940
941	942	943	944	945	946	947	948	949	950
951	952	953	954	955	956	957	958	959	960
961	962	963	964	965	966	967	968	969	970
971	972	973	974	975	976	977	978	979	980
981	982	983	984	985	986	987	988	989	990
991	992	993	994	995	996	997	998	999	1000



Gcwalisa izinombolo ezidingekayo.

Faka umbala osatshani ezinomboleni ezidingekayo. Faka umbala obomvu ezikheleni ezimhlophe ezinezinombolo. Phethini lini olbonayo?



Qedela la maphethini.

a. Hlanganisa oku-4, kane uze ufinyelele ema-980.	984, 988, 992, 996
b. Hlanganisa oku-5 kane uze ufinyelele ema-971.	
c. Susa oku-4 kane ema-963.	
d. Susa oku-3 kane ema-927.	
e. Hlanganisa oku-2 kane uze ufinyelele ema-938.	

Teacher:
Sign:
Date:

Izingxenye ezilinganayo zento ephelele



Uhhafu, noma ngabe uwusika ngandlelani.

Sika onxande ephepheni elifakwe umbala. (Okokusikwa kwe-II).



Thola izindlela ezahlukene zokwakha uhhafu.

1. Goqa iphepha elingunxande ngobude libe wuhhafu. Lisike lapho ligoqoke khona libe wuhhafu. Lezi zingxenye zilingana ncinishi. Ingingxenye ngayinye iwuhhafu owodwa ($\frac{1}{2}$) kanxande ekade linguye.
2. Goqa elinye iphepha elingunxande libe wuhhafu ovundile. Lisike libe wuhhafu lapho beligaqwe khona. Lezi zingxenye zilingana ncinishi. Ingingxenye ngayinye iwuhhafu owodwa kanxande ekade linguye.
3. Iyiphi enye indlela engasebenza ukuhlukanisa leli phepha libe zingxenye ezimbili ezilinganayo? Zama lokhu ngephepha kanye nesikele, bese usebenzisa umugqa ngokuthi ulisike lapho ukade ugoqe khona.



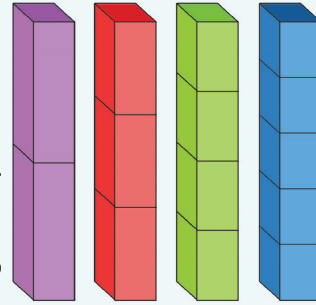
Okunye ngezingxenye ezilinganayo zokuphelele.

Uma sihlukanisa into ibe yizingxenye ezi-2 ezilinganayo sizibiza ngawohhafu.

Uma sihlukanisa into ibe yizingxenye ezi-3 ezilinganayo sizibiza ngokwesithathu.

Uma sihlukanisa into ibe yizingxenye ezi-4 ezilinganayo sizibiza ngokwesine.

Uma sihlukanisa into ibe yizingxenye ezi-5 ezilinganayo sizibiza ngokweshlanu.



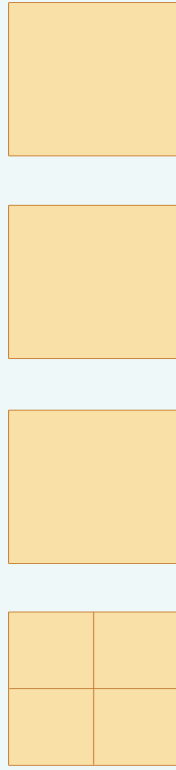
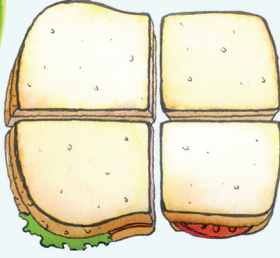
Isendwishi lokudliwa emini.

UThabo ndangani aba-3 benze amasendwishi amaningi asemini.

Bawasike aba ngamaqhezu okwesine noma amakota.

Lokhu kusho ukuthi bawasike aba yizingcezu ezine ezilinganayo.

Ngenye yezindlela lena. Veza ezinye izindlela ezi-3 abangenza ngazo lokhu.

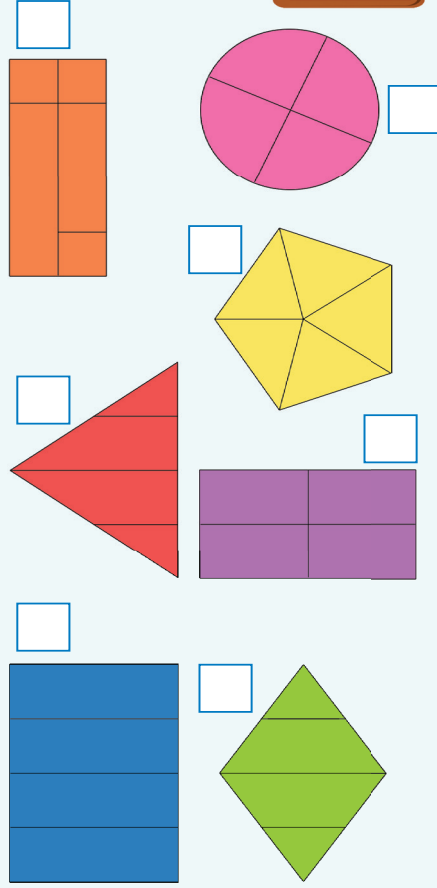


Ukuhlukanisa ngokwesine.

Uma ngaleli qhezu ($\frac{1}{4}$), sisika into ibe yizingcezu ezingamakota sijisika ibe yizingcezu ezine ezilinganayo.

Thikha (✓) ezithombeni ezingezansi ukhombisa amakota noma okwesine.

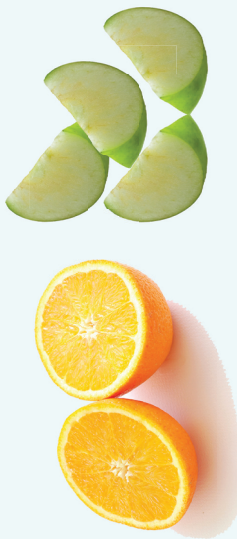
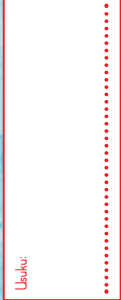
Hlalal
Othathanisel
Lungisel!



Xoxa ngamaqhezu nomunye wabangani.



Izibalo zamaqhezu



Xazulula lesi sibalo ngokuphendula imibuzo nokwenza imidwebo.



a. Umaqeshi webhola lomphebezo upha abadlali uhhafu wewolintshi. Kunabadlali abayi-14.

Udinga amawolintshi amangaki esewonke? _____

Uthini umbuzo? _____

Yiziphi izimbolo noma amaqhezu akhona kulesi sibalo? _____

Yiliphi igama elibalulekile? _____

Dweba isithombe. _____

Igama elibalulekile yilo elizongenza ngokheke indlela enhle engzoyisebenzisa.



Ithini impendulo? _____

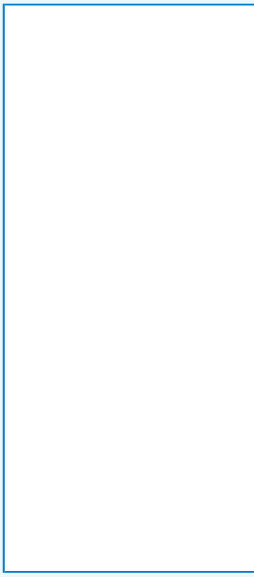
b. Umama uphe mina nabangani barni abayi-11 ikota le-aphula ngamunye.

Udinga ukuba nama-aphula amangaki empeleni? _____

Yiziphi izimbolo ezikhona noma amaqhezu akhona kulesi sibalo? _____

Yiliphi igama elibalulekile? _____

Dweba isithombe. _____



Ithini impendulo? _____

c. Ngosuku langubho wesikole bathengisa amakhekhe asikwe aba yizingcezu ezintathu lilinye.

Bathengise izingcezu zekhekhe kubantu abangama-24.

Bathengise amakhekhe amangaki? _____

Yiziphi izimbolo ezikhona noma amaqhezu akhona kulesi sibalo? _____

Yiliphi igama elibalulekile? _____

Dweba isithombe. _____



Ithini impendulo? _____



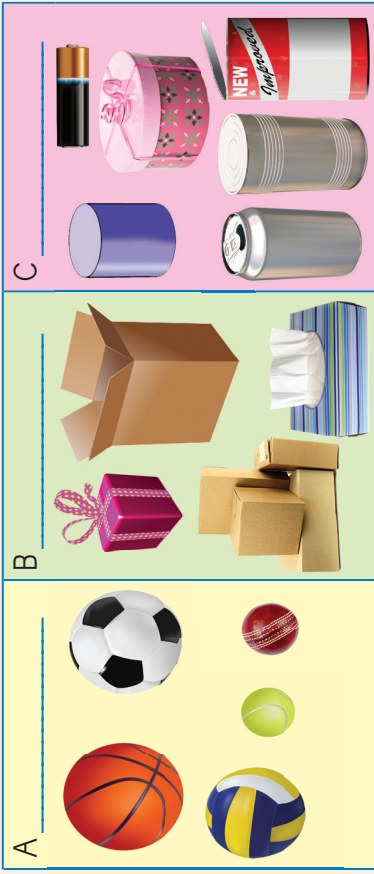


Izinto ezinwlangothi-ntathu



Buka isithombe.

Yikuphi kwalokhu okwakheke kwaba ngamabhola, amasilinda noma amabhokisi?



Thola izithombe ezimbili zalokhu uzinamatshisele lapha ngezansi.

--	--



Dweba umugqa ngaphansi kwependulo efanele.

- Ukamatshi wakheke waba yibhola/yibhokisi/yisilinda.
- Ingilazi yesiphuzo yakheke yaba yibhola/yibhokisi/yisilinda.
- Incwadi yakheke yaba yibhola/yibhokisi/yisilinda.



Okuqondile nokugobile.

Ezinye izinto zakheke zaba ujisicaba. Ezinye zigobile.

Isilinda linamacala amabili ayisicaba nelilodwa eligobile.	Ikoni linecala elilodwa elijisicaba nelilodwa eligobile.	Indilinga igobile kuzo zonke izinhlangothi zayo.



Ukugingika.

Yenza sengathi uyayibona indilinga, ikhowuni noma isijingi kugingika.

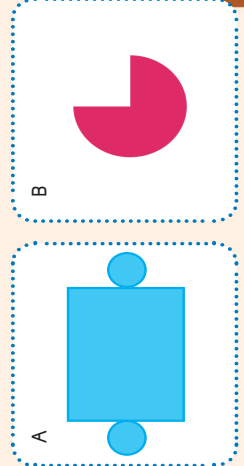
Kulezi ezintathu izinto, iujiphi:

a. Engeke ingingike iye kude?	
b. Engagingika iqonde ingagobi?	
c. Engagingika iye noma yikuphi?	



Yini inethi?

Into eyakheke ngendlela yokuthi ungajigoga wakhe into ephathekayo, ibizwa ngenethi.



Bhala izinombolo ezinohlamvu lwenethi olusongeka lwakhe ikhowuni.

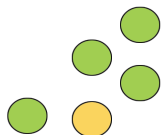
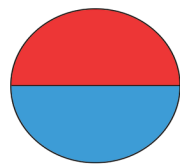
Bhala izinombolo ezinohlamvu lwenethi olusongeka lwakhe isilinda.

Teacher: _____
Sign: _____
Date: _____



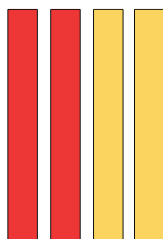
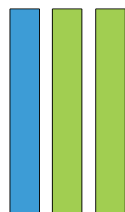
Nikeza amagama amaqhezu.

Bhala iqhezu elimele izithombe ezingezansi.



a. Kuyiqhezu elingakanani okunombala obomvu?

b. Kuyiqhezu elingakanani okunombala osats'hani?



c. Kuyiqhezu elingakanani okunombala osasibhakabhaka?

Kujikhezu elingakanani okunombala
ophuzi?



Impendulo nemibuzo.

a. U'Sizwe unezingqcezu zikashokoledi ezine. Uphu umngani wakhe ucezu olulodwa

Liqhezu lini likashokoledi asele nalo?

b. UYasmin unamawolintshi amabili. Uphila uMimi eIlodwa.

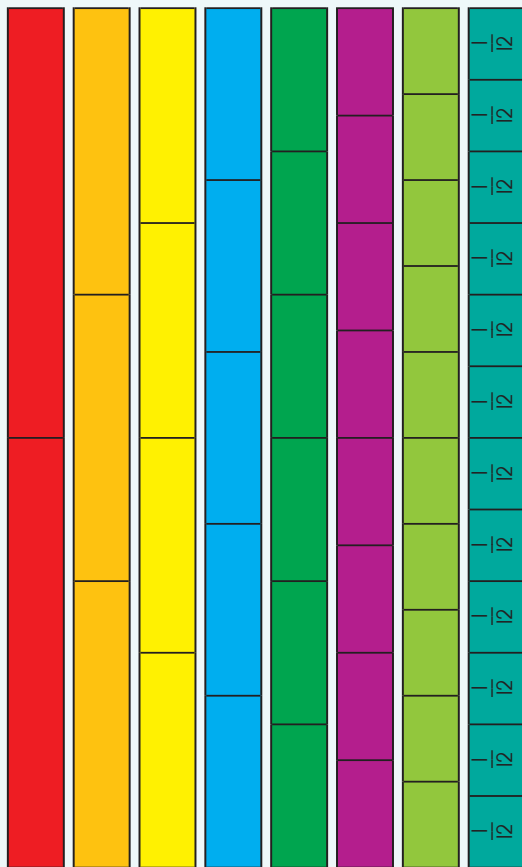
Usele naqhezu lini?

c. UMariya uthenga oshokoledi aba-5. Uzibekela o-1. Upha uMohamedi ababili, upha umfowabo

oshokoledi ababili futhi. Usele neqhezu elingakanani yena kowakhe?



Udonga emaqhezwini.



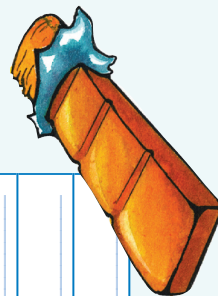
Umugga owdwa uhlukaniseke izingxenye ezimbili ezilinganayo. Phansi kuhlukaniseke amaqhezu okweshumi namibili ($\frac{1}{2}$).

Lebula eminye imigga ngamaqhezu afanele.

Sebenzisa umphetho oqandile wephepha ukuthola amaqhezu alinganayo, lokho kuzokusiza ukuphendula le mibuzo

Sukela odongeni lwamaghezu, uthole izindlela ezahlukene zokwakha.

a. uhhafu owodwa $\frac{1}{2}$	
b. okukadwa okuphelele (l)	
c. amakota amathathu $\frac{3}{7}$	



Teacher: _____
Sign: _____
Date: _____

Ukubeka amaqoqo nokwabelana



Ukubala ngokushesha.

Thola lapho kuxhumana khona lokhu.

$30 \div 3 =$	$15 \div 3 =$	$60 \div 3 =$	$600 \div 3 =$
$150 \div 3 =$	$24 \div 4 =$	$24 \div 8 =$	$240 \div 4 =$
$120 \div 4 =$	$12 \div 4 =$	$40 \div 10 =$	$40 \div 5 =$
$400 \div 10 =$	$400 \div 5 =$	$200 \div 5 =$	$18 \div 2 =$
$36 \div 2 =$	$72 \div 2 =$	$72 \div 4 =$	$72 \div 8 =$

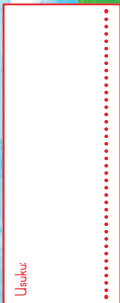
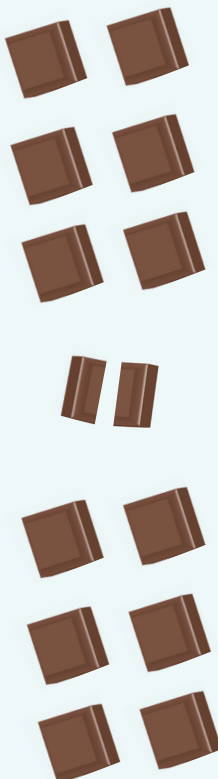


Kusalani.

OJabu noLebu bafuna ukwabelana ngoshokoledi oyi-13. Bathola amngaki ngamunye?



Bazokwabelana ngezikwele zawo eziyi-12 banikane 6 umuntu emunye. Ucezu oluselay bangaluhlephula ukuze umuntu emunye agcine ethole $6\frac{1}{2}$ wezingcezu.



Ukuba



- a. Emcimbini bekunamaswidi angama-25 okudingekile abelwe izingane ezi-10.
Abela lezo zingane. Dweba izithombe, zizokusiza.



Umuntu ngamunye uthola _____ wamabhande.

- b. Aba ama-37 amabhande wabele abantwana aba-4.

Umuntu ngamunye uthola _____ wamabhande.

- c. Aba ama-48 amabhande wabele abantwana aba-5.

Umuntu ngamunye uthola _____ wamabhande.

- d. Aba amabhande angama-73 wabele izingane ezi-10.

Umuntu ngamunye uthola _____ wamabhande.



Amaqhezu kutangramu

ITangramu yiphazili elidala laseChina elakhiwe ngemimo eji-7 ebizwa ngelans, yonke ininno ibekwa ndawonye ukuze yakhe izakhiwo ezahlukahlukeni.



Amaqhezu kutangramu.

	Hloisa iphazili letangramu. Liqhezu lini lokuphelele okuyisikwele abayilo labo nxantathu ababili abakhulu? (Kuphinki kulesi sithombe.)	_____
	Uma ugoqa eyodwa yawonxantathu uyenze izingcezu ezimbili ezilinganayo, ucezu ngalunye lugalingana nonxantathu omaphakathi ngobukhulu (Kuphuzi esithombeni). Qhezu lini esikweleni sisonke (itangramu) elakhiwa ngunxantathu omaphakathi ngobukhulu?	_____
	Uma ugoqa eyodwa yawonxantathu uyenze izingcezu ezimbili ezilinganayo, ucezu ngalunye lugalingana nawonxantathu ababili abancane. (Kusatshani esithombeni). Qhezu lini esikweleni sisonke (itangramu) elakhiwa ngunxantathu ngamunye kwabancane?	_____
	Faka onxantathu abancane ababili ndawonye wakhe isikwele esincane. Qhezu lini esikweleni sisonke elakhiwa yisikwele esincane (Kusasibhakabhaka esithombeni)?	_____
	Faka onxantathu abancane ababili ndawonye wakhe iphandalelogramu. Qhezu lini esikweleni sisonke (itangramu) elakhiwa yiphandalelogramu?	_____



Ukusetshenziswa kwetangramu.

Sika amatangramu amabili ekhasini Lokusikwayo kwe-12 ulebule ucezu ngalunye ngeqhezu olulufanele ngokwesikwele esiphelele. (Lawa ngamatangramu empela nemimo yawo.)

Faka igama lakho ngemuva ocezwinini ukuze ukwazi ukuzithola izingcezu zakho uma sekuphele umdlalo.

1 2 3 4 5 6 7 8 9 10



Umdlalo wamaqhezu okwabelana ngokuyikho.

Dlala nabadlali aba-4-8 nisebenzise izingcezu zetangramu.

1. Abadlali bayadadelana ekubeni ngabaphathi bokuthengiselana.
2. Umphathi wokuthengiselana nguyena onqumayo ukuthi jimuphi umdlali okumele afake inani elithile letangramu esethini.
3. Umdlali ngamunye uyagqagela ukuthi uhlamvu luzoveza ikhanda noma cha yini uma luphonswa, umhlwebi bese eluphonsa phansi.
4. Umphathi wohwebelwano wabelana okusesethini ngokulinganayo nalabo abaqagale bashaya khona. (Angazithola esethengisa olulodwa ucezu kumbe ngaphezulu ukuze athole izingcezu ezibiza ngokufanayo nanazo.)
5. Okusele okungeke kwabelwane ngakho kusala esikhwameni kulindele ukusetshenziswa ngethuba elizayo.
6. Bonke abadlali bayqaniseka ukuthi ukwabelana kuhambe ngokuyikho.
7. Uma umdlali ethola iphutha, ophethe uhlawulisa e-1kuya kwezi-8 kwesikwele sonke; leyo nhlawulo ithathwe wumdlali wokuqala athole iphutha.
8. Umdlali ongenazo izingcezu angasale esethatha okusele esikhwameni.
9. Umdlalo uyagqhubeka lize ihlandla lokuba ngumphathi lifinyelele kubo bonke abadlali.



Bonke abadlali kumele bafake ikota elilodwa letangramu esikhwameni.



$\frac{1}{4}$

Mina ngazizifaka kunxantathu owodwa omkhulu.



Izingenye ezimbili zokweshiyagqombili zakha ikota elilodwa. Lakho ngingakufaka esikweleni kanye nakupandalelogramu.



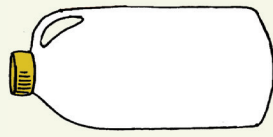
Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

Ukukala umthamo



Sebenzisa
ibhodlela leplastiki
kanye enkomishi.



Inkomishi (250 ml)



Zingaki izinkomishi
ezingagwalisa lesi siqakathi?

Akudingeki ukuthi uwasho
amathathu kumbe amamiliya.
Gagula amagama athi
'inkomishi' nethi 'ibhodlela'.

Isiqakathi esilingana litha elilodwa

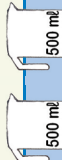
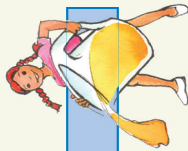


Akha ilitha.

Thola indlela ongafinyelela ngayo elitheni elilodwa usebenzisa izinhlobo ezahlukene zoketshezi.

Bhala umusho wezinombolo ngalokhu ngakunye way.

$$500 \text{ ml} + 500 \text{ ml} = 1000 \text{ ml (1 l)}$$



Umusho wezinombolo: _____ = 1000 ml (1 l)

Umusho wezinombolo: _____ = 1000 ml (1 l)

UUmusho wezinombolo: _____ = 1000 ml (1 l)

UUmusho wezinombolo: _____ = 1000 ml (1 l)

Uma sibhala izimpawu zokukala umthamo sishiya isikhala esincane phakathi kwenombolo kanye nophawu. Isibonelo: sibhala u-3 l hhayi u-3l; 299 g hhayi 299g; 15 km hhayi 15km.

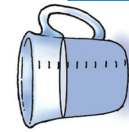
Ungqakanani umthamo
wenkomishi uma
igwalisiwe?



Isipuni senza inkomishi
iqukathe ukugcina
ezengeni lokuqala.



Umthamo wenkomishi uma igcwele ngu-10
kanti ivolijumu yenkomishi egcwele ngu-1.

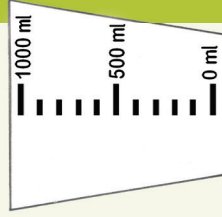


Sikala uketshezi oluncane **ngamamiliya (ml)**.

Le nkomishi yokukala imithi iqukatha i-10 ml. Lokho
kuthi akube ngamathisipuni amabili.

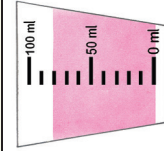
Izinto ezithe ukuba ningana sizikala ngamaliya (l).

Elitheni elilodwa kunamamiliya ayinkulungwane
(1 000).

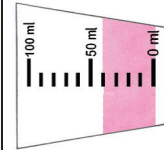


Lolu ketshezi lungakanani?

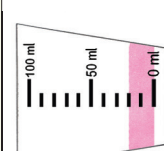
Mangaki ama-ml aqukethwe ngujeke ngamunye?



ml



ml

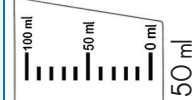


ml

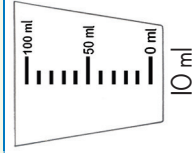


Lolu ketshezi lungakanani?

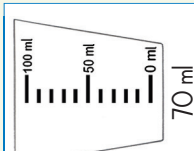
Hlikhla izinkomishi
zokukala imithi
ukukhombisa ukuthi
ziqethe
kangakanani.



50 ml



10 ml



70 ml

Teacher:
Sign
Date

Emdlalweni.

Uma kufikwa kuhafu wesikhati umdlali uphuza $\frac{1}{4}$ welitha lejus.

a. Bangaki abadlali abakwazi ukuhlanganyela?

I litha 4 wamalitha 2 $\frac{1}{2}$ wamalitha

b. Ingakanani ijuisi abayidingela?

8 wabadlali 9 wabadlali 12 wabadlali

Kala uthele

Emdlalweni.

Uma kufikwa kuhafu wesikhati umdlali uphuza $\frac{1}{4}$ welitha lejus.

a. Bangaki abadlali abakwazi ukuhlanganyela?

I litha 4 wamalitha 2 $\frac{1}{2}$ wamalitha

b. Ingakanani ijuisi abayidingela?

8 wabadlali 9 wabadlali 12 wabadlali

Amalitha namamilitha (ml).

I litha = 1000 ml $\frac{1}{2}$ welitha = ml $\frac{1}{4}$ welitha = ml

125 ml = welitha 50 ml = welitha

Yenza uhhafu welitha.

Beka uphawu (✓) wezingenye ezi-3 ezifakwa zakhe uhhafu welitha.

120 ml	140 ml	160 ml	28 ml	240 ml

Ubisi luyilungele impilo yakho.

Abelanani amalitha ama-4 obisi phakathi:

- a. Kwabantwana abayisi-8. Umntwana ngamunye uthola _____ wamalitha.
- b. Kwabantwana abayisi-16. Umntwana ngamunye uthola _____ wamalitha.
- c. Kwabantwana abayisi-12. Umntwana ngamunye uthola _____ wamalitha.

Ibha kaBongi yejus.

Kujeke o-l, uBongi usebenzisa ikota elilodwa ($\frac{1}{4}$) lenkomishi yejus kanye nezinkomishi ezi-2 zamanzi.

Bala ukuthi uBongi usebenzisa ujusi namanzi okungakanani kujeke bakajusi abayisi-5.

Ojeke	1	2	3	4	5
Izinkomishi zakajusi	Ikota elilodwa ($\frac{1}{4}$)				
Izinkomishi zamanzi	2				

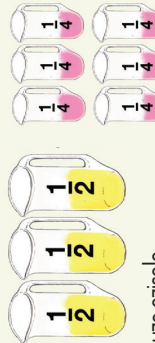
Yenza ilitha.

50 ml	100 ml	200 ml	250 ml	500 ml

Ulinga ezingaki iziqukathi ngayinye ukwenza ilitha?

- a. $\times 100$ ml b. $\times 200$ ml c. $\times 250$ ml
- e. $\times 500$ ml f. $\times 50$ ml

Ngemva komcimbi.



Umcimbi kaThandi sewuphelle. Kukhona iziphuzo ezisele.

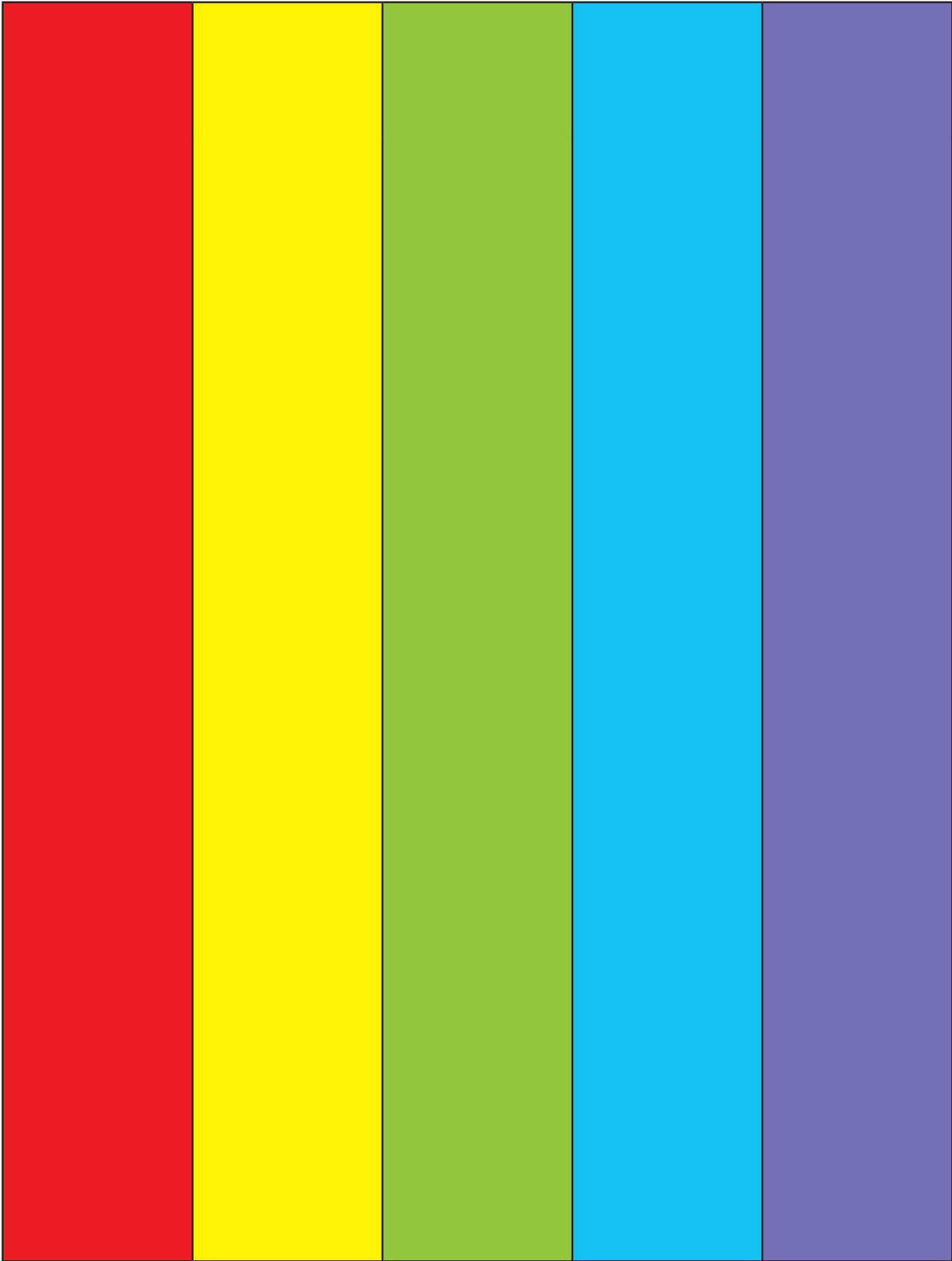
Kusele ujusi ophuzi ongakanani? _____

Kusele ujusi obukhwebezane ongakanani? _____

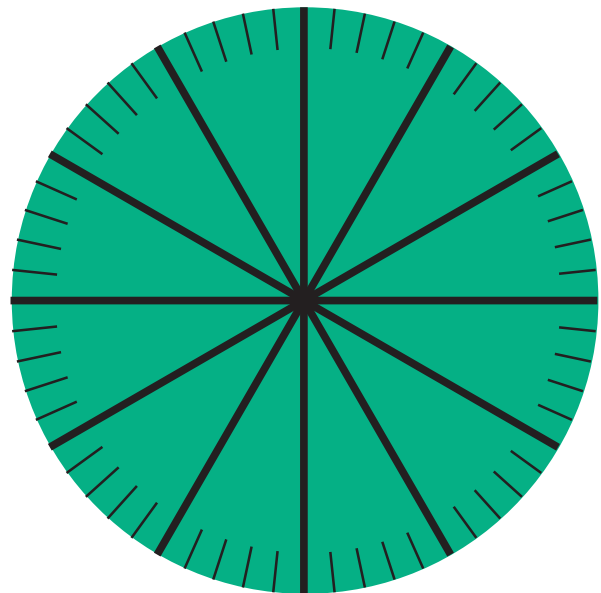
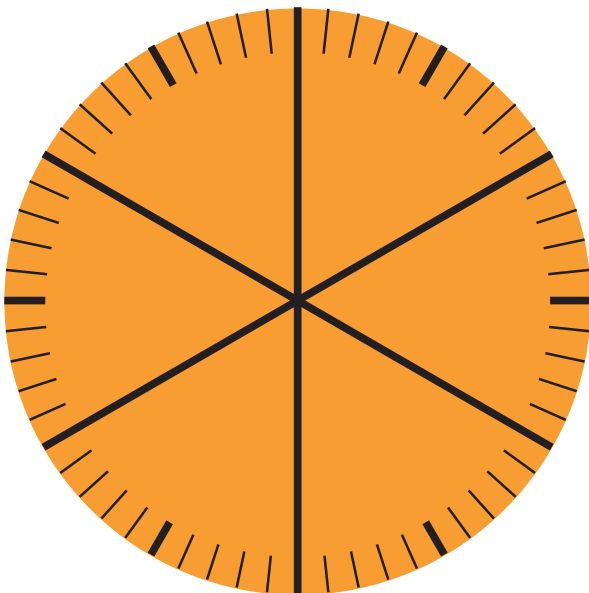
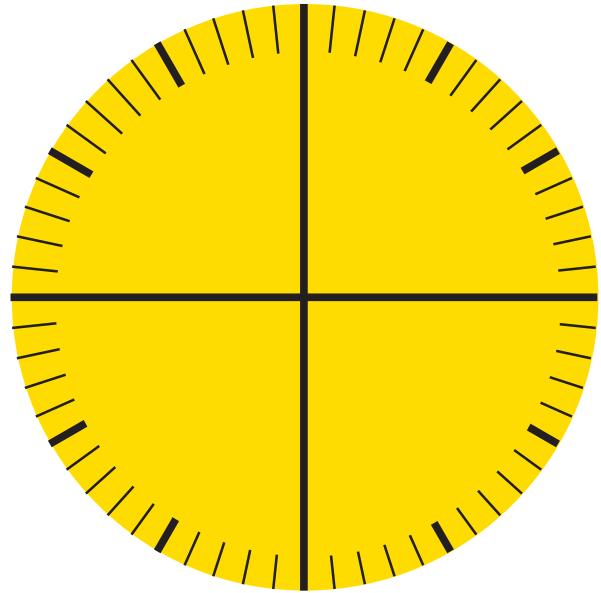
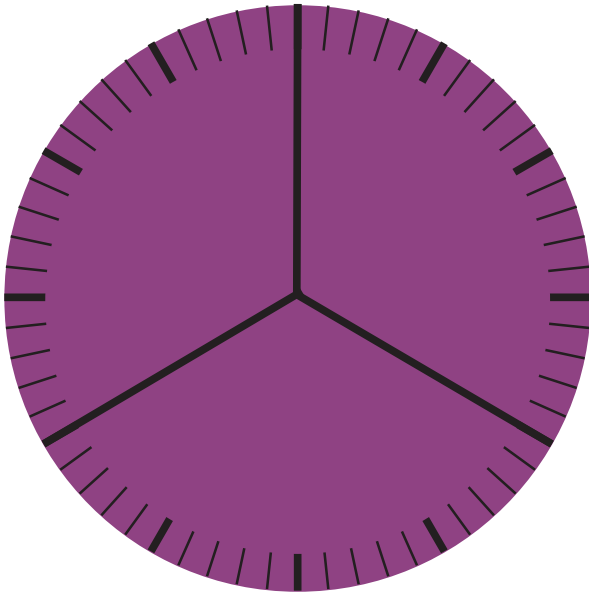
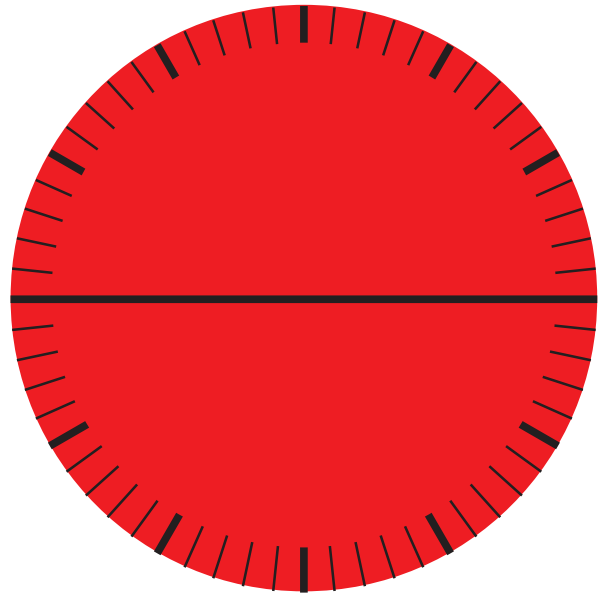
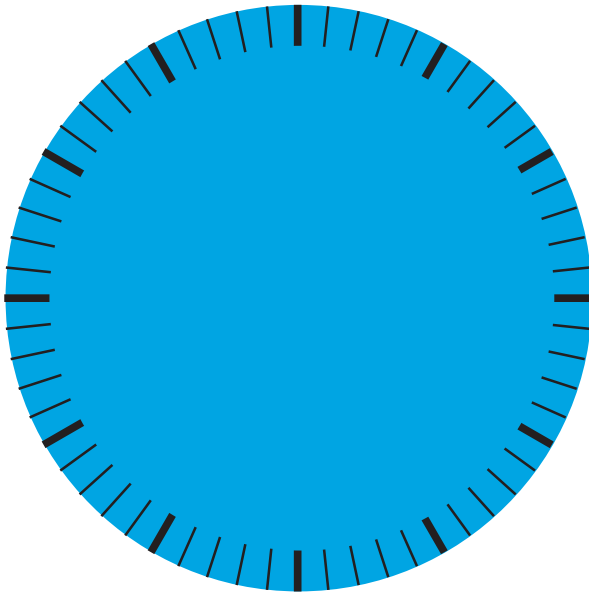
UThandi uxuba ojusi bobabili.

Angagwalisa ojeke abangaki? _____

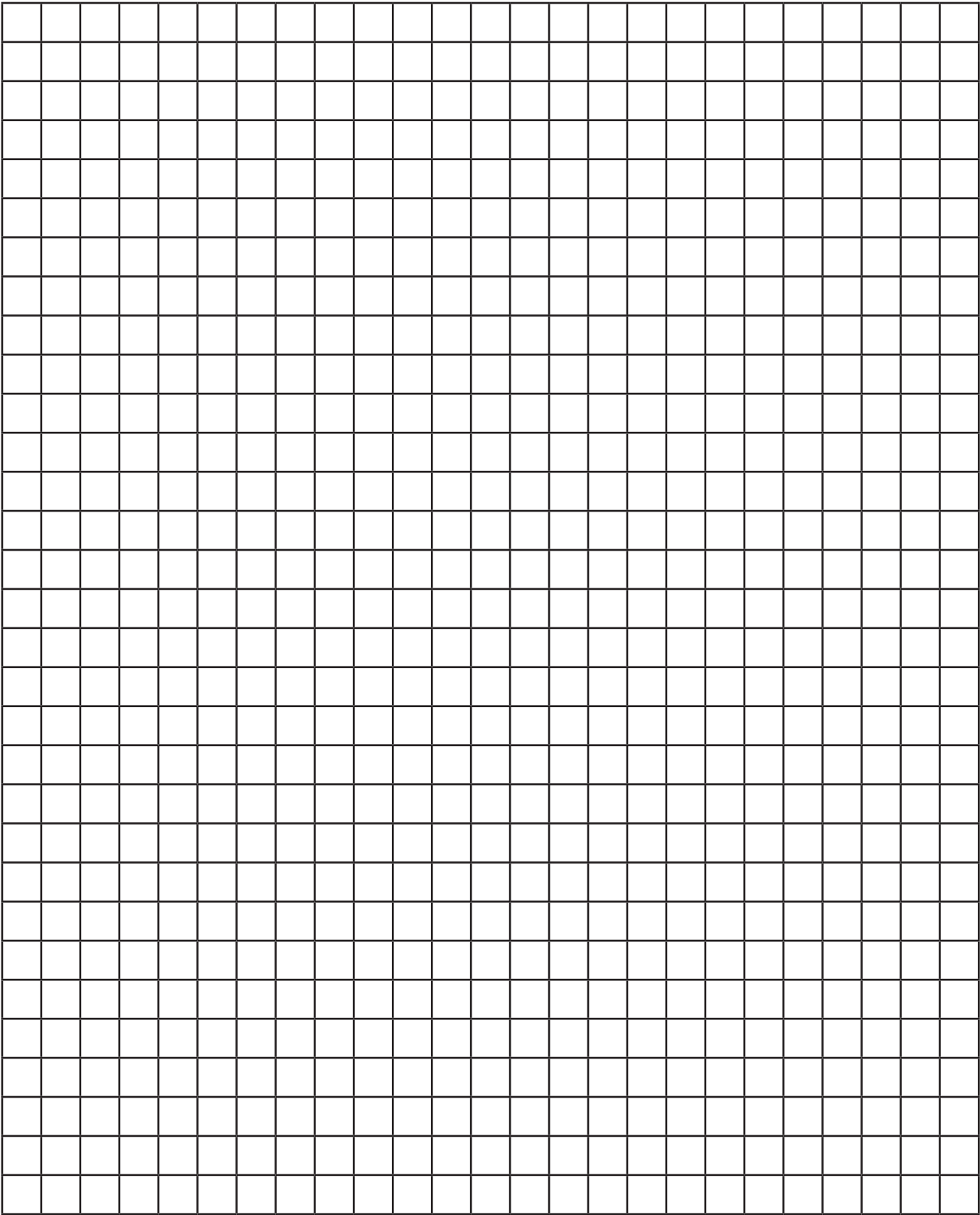
Okokusikwa kwesi -5



Okokusikwa kwesi -6



Okokusikwa kwesi-7



Okokusikwa kwesi-8

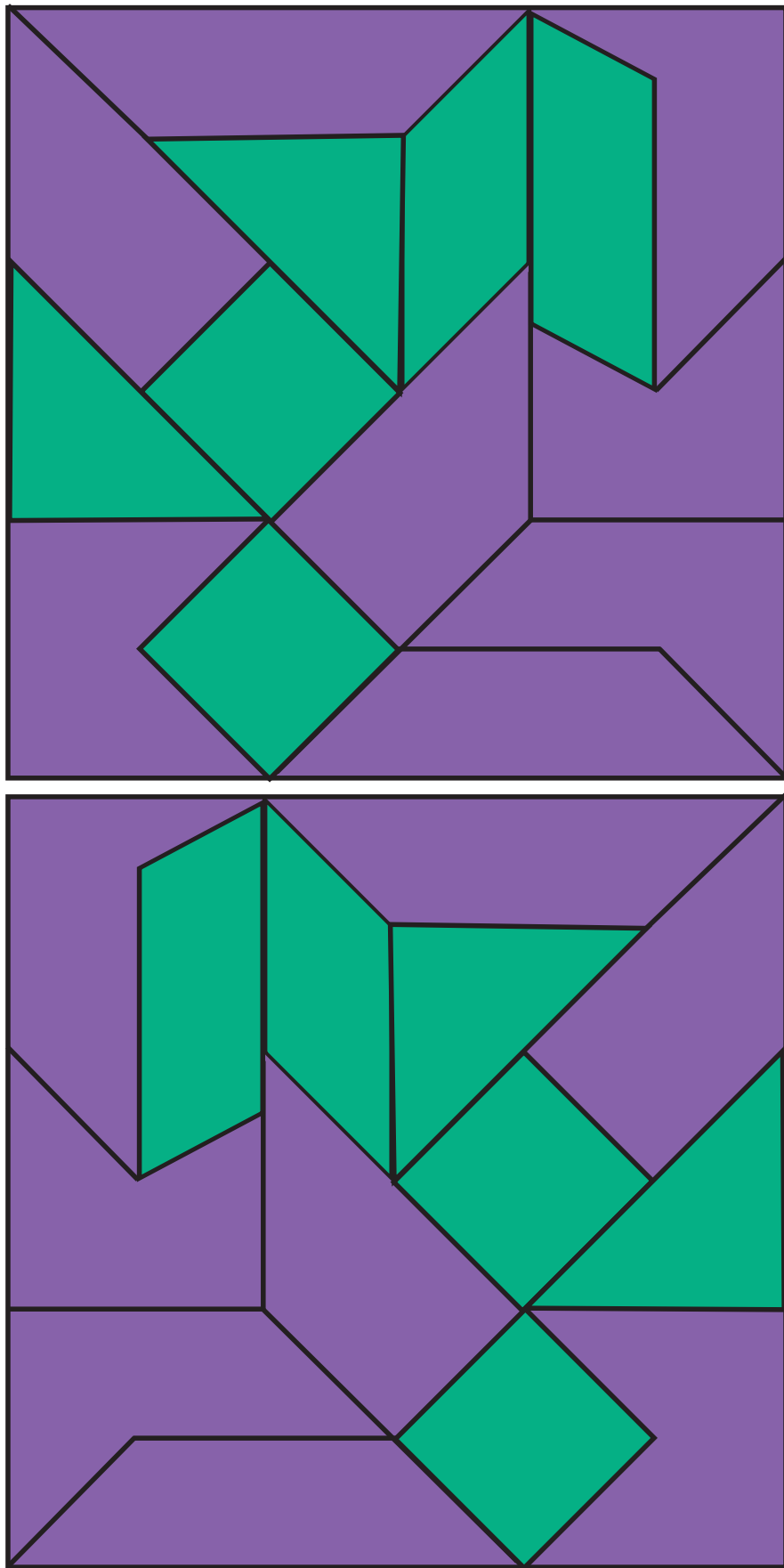
I _c	
IO _c	
RI _s	
RIO _s	
RIOO _s	

Okokusikwa kwesi -9

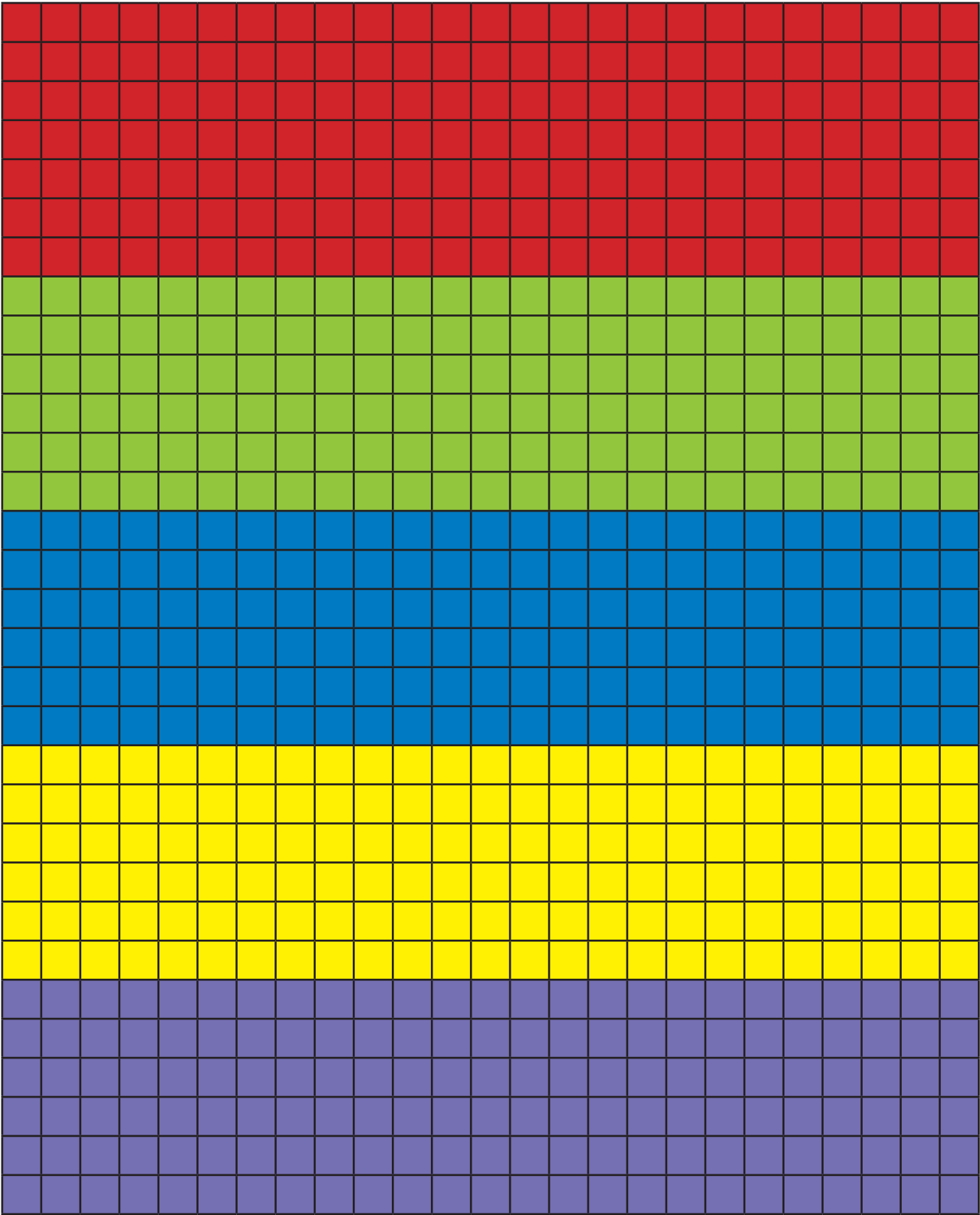
RIOO	RIOO	RIOO	RIOO
RIOO	RIOO	RIOO	RIOO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO

RI	RI	RI	RI	RI	RI	RI	RI
RI	RI	RI	RI	RI	RI	RI	RI
IOc	IOc	IOc	IOc	IOc	IOc	IOc	IOc
IOc	IOc	IOc	IOc	IOc	IOc	IOc	IOc
lc	lc	lc	lc	lc	lc	lc	lc
lc	lc	lc	lc	lc	lc	lc	lc

Okokusikwa kwesi-10



Cut-out II



Cut-out I2

