



UNK Angie Motshekga,  
uNgqongqoshe weMfundo  
eyiSesekelo



UMnu Enver Surty, iSekela  
loMnyango weMfundo  
eyiSesekelo

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

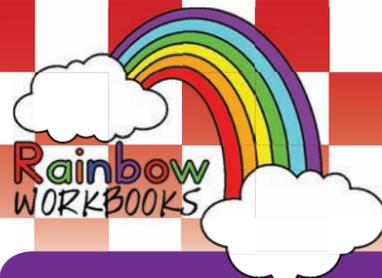
Lezi zincwadi ezibizwa ngeRainbow Workbooks ziyingxenywe yoMnyango weMfundo eyiSesekelo lapho uMnyango uzama khona ukungenelela ukuze kuthuthukiswe imfundo yabantwana bamabanga asuka kwelokuqala kuya kwelesithupha eNingizimu Afrika. UMnyango weZimali uxhase lo mkhankaso kaHulumeni njengento yokuqala uHulumeni azibekele yona ukuthi ayisukumele. Uxhaso loMnyango weZimali lusize uMnyango wezeMfundo ukuthi ukwazi ukukhiqiza uphinde usabalalise ngaphandle kwenkokhelo lezi zincwadi zokusebenzela ngazo zonke izilimi zaseNingizimu Afrika ezisemthethweni.

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

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

Sifisela wena nomfundi omfundisayo impumelelo ngenkathi usebenzisa lezi zincwadi.

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GRADE 3 – BOOK 2  
TERMS 3 & 4  
ISBN 978-1-4315-0150-2  
THIS BOOK MAY  
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IZIBALO NGESIZULU – Ibanga lesi-3 Incwadi yesi-2

ISBN 978-1-4315-0150-2



Igama: \_\_\_\_\_ Iklasi: \_\_\_\_\_



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**IZIBALO  
NGESIZULU**

Incwadi yesi-2  
Ithemu 3 & 4

# Isihlalo sabakhubazekile



**X** Ithebhula lokuphindaphinda

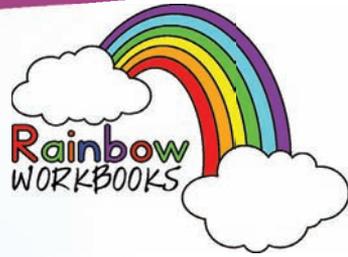
$2 \times 2 = 4$

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

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 kuye 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 kuyofinyelela ema-75	34
82	Amaphethini ezinombolo: ezingambili kuya ema-800	36
83	Ukuphindaphinda: ngaku-2 nangaku-5 kuze kuyofinyelela ema-75	38
84	Ukuphindaphinda: ngakuthathu kuze kuyofinyelela ema-75	40
85	Ukuphindaphinda: ngaku-2, ngaku-3 nangaku-4 kuze kuyofinyelela ema-75	42
86	Amaphethini ezinombolo: ngaku-3 kuze kuyofinyelela ema-800	44
87	Ukuphindaphinda: ngaku-4 uye ema-75	46
88	Amaphethini ezinombolo: ngaku-4 kuze kuyofinyelela ema-800	48
89	Ukuphindaphinda nokuhlukanisa: ngaku-2, ngaku-3, ngaku-4 nangaku-5 kuze kuyofinyelela ema-75	50
90	Ukwakheka kwezinto ezizihlangothi-ntathu	52
91	Amasethi emicu yamaqhezu	54
92	Okunye ngamaqhezu	56
93	Ukuhlukanisa okuholela emaqhezini	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 okufinyelela ema-999	86
106	Mayelana nendlu	88
107	Ukusebenza ngemali	90
108	Okunye ngokuhlanganisa nokususa kuye ema-999	92
109	Ukuhlanganisa nokususa kuye 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 ephelile	120
123	Izibalo zamaqhezu	122
124	Izinto ezizihlangothi-ntathu	124
125	Amanye 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	

Ibanga  
lesi- **3**



Le ncwadi ngeka-:

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INTZISI

Incwadi  
yesi-

**2**

# Izinombolo ezisuka ema-500 ziya ema-600



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.

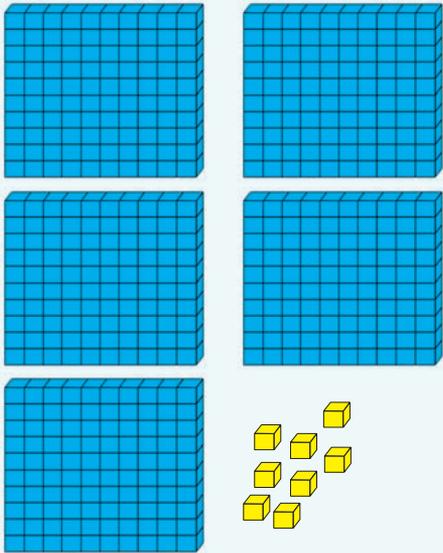
548; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; 570

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

515; 520; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_



Bala uthole ukuthi amabhulokhi mangaki?



Uwabale kanjani amabhulokhi?



Qedela lo mugga 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	
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Teacher:

Sign:

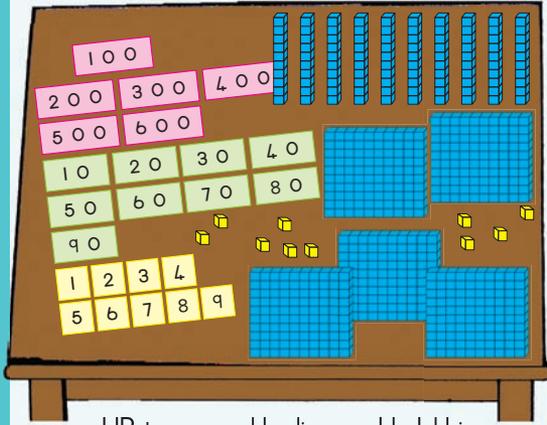
Date:

66

Usuku:

# Ezinye izinombolo ezisukela ema-500 ziya ema-600

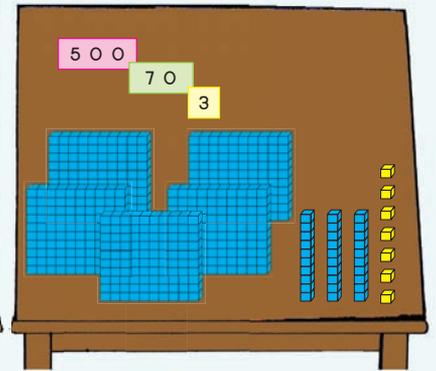
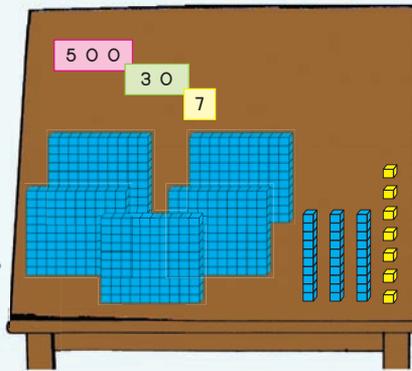
Ithemu 3



UPetru unamakhadi anamabhlukhi ezinombolo ezingamashumi.

Uthisha ucela uPetru aveze inani lama-537 ngamakhadi namabhlukhi.

U-Aakar uveze lokhu. Yini angayenzanga kahle?



Bhala umusho wezinombolo bese unikeza impendulo.

$500 + 10 + 7 = 517$	<input type="text"/>	<input type="text"/>



Bhala umusho wezinombolo bese unikeza impendulo.

$500 + 70 + 3$	<input type="text"/>	<input type="text"/>
$=$	<input type="text"/>	<input type="text"/>



## 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

500
10
7
517

517	500 + 10 + 7
-----	--------------



## Bhala izinombolo ngamagama.

221	
486	
369	
419	
491	



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

# Izinombolo ezisuka ema-600 ziya ema-700



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.  
d. Bhala izinombolo eziyi-8 ezilandelayo ezinephethini loku-2.  
e. Bhala zonke izinombolo eziyiphethini loku-2 usuke ema-611 uye ema-633.

600; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_

622; 624; 626; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_

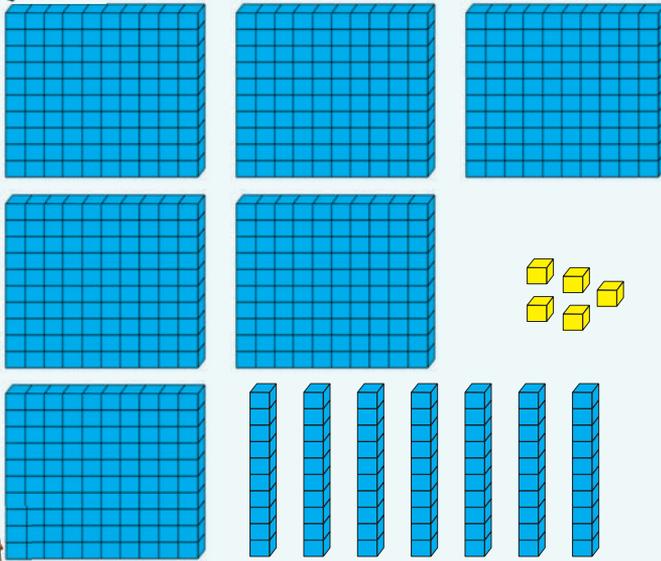
611; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; 633

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

645; 650; 655; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_



Bala uthole ukuthi amabhulokhi mangaki?



Uwabale kanjani amabhulokhi?



Qedela lo mugga 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		



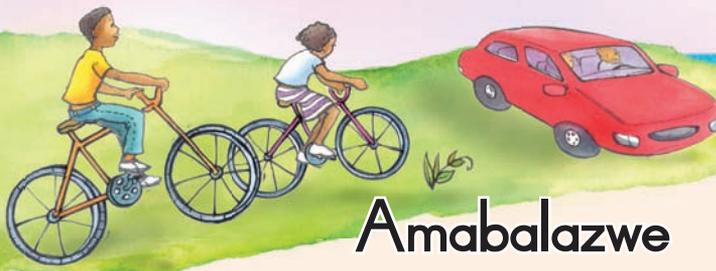
Bhala izinombolo ezilandelayo ngamagama.

631	
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Teacher:

Sign:

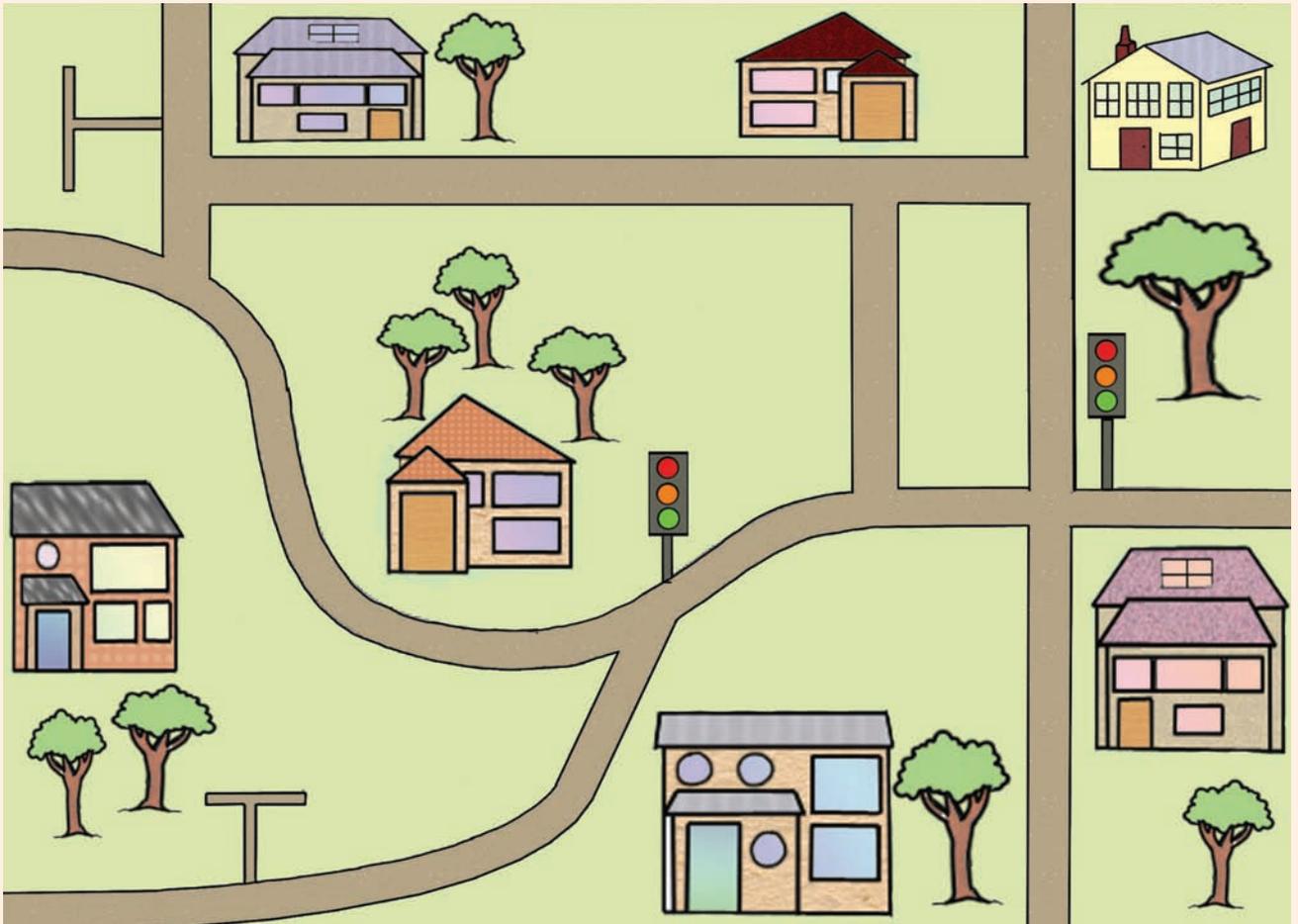
Date:



## 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:

# Okunye ngezinombolo ama-600 kuya ema-700

100 200  
300 400 500  
600 700

10 20 30 40  
50 60 70 80  
90

1 2 3 4  
5 6 7 8 9

UPetru unamakhadi anamabhulokhi ezinombolo ezingamashumi.

Uthisha ucela uPetru aveze inani lama-658 ngamakhadi namabhulokhi.

U-Aakar uveze lokhu. Yini angayenzanga kahle?

500 30 7

500 80 5



Bhala umusho wezinombolo bese unikeza impendulo.

$600 + 30 + 7 = 637$		

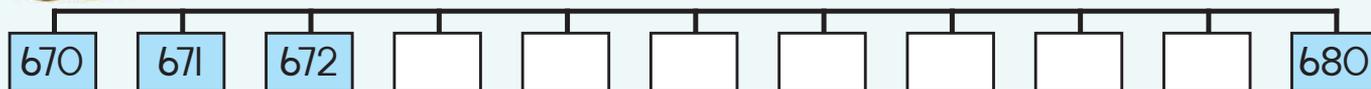


Bhala umusho wezinombolo bese unikeza impendulo.

<p>600 90 8</p> <p><math>600 + 90 + 8</math></p> <p>=</p>	<p>600 70</p> <p></p> <p></p>	<p>600 50 8</p> <p></p> <p></p>
---	-------------------------------	---------------------------------



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: \_\_\_\_\_

# Izinombolo ezisuka ema-650 ziya ema-750



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.

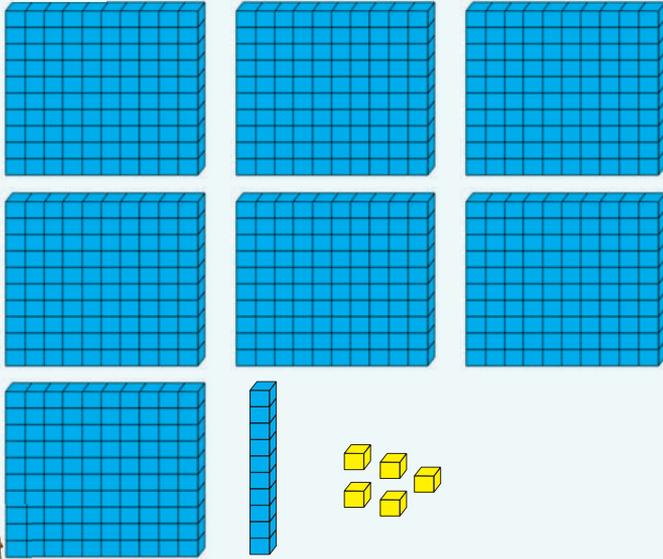
719; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; 749

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

705; 710; 715; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_



Bala uthole ukuthi amabhulokhi mangaki?



Uwabale kanjani amabhulokhi?



Qedela lo mugga 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.

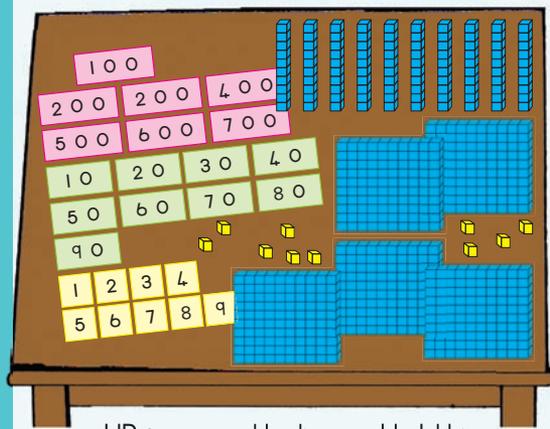
706	
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Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

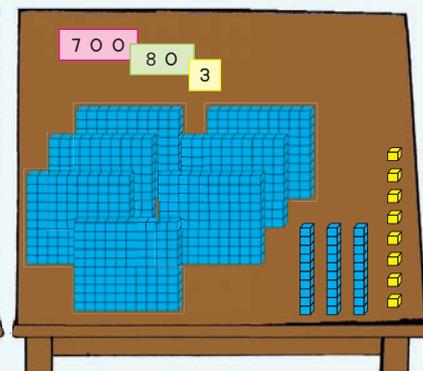
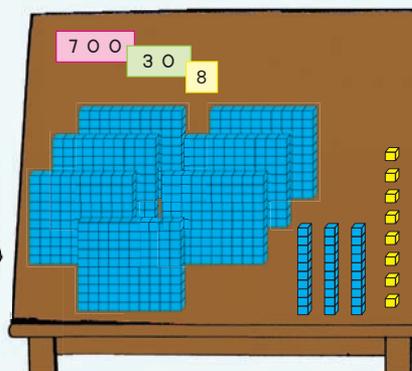
# Izinombolo: ama-700 kuya ema-750



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.

$700 + 40 + 3 = 743$	<input type="text"/>	<input type="text"/>

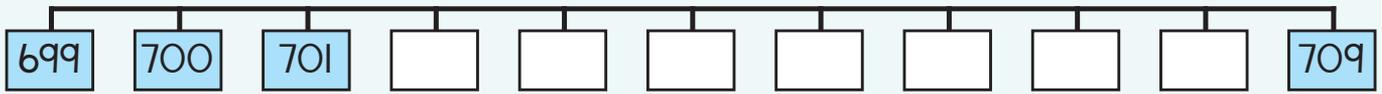


Bhala umusho wezinombolo bese unikeza impendulo.

$700 + 40 + 5 =$	$700 + 30 =$	$700 + 9 =$
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>



Qedela umugqa wezinombolo.



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	

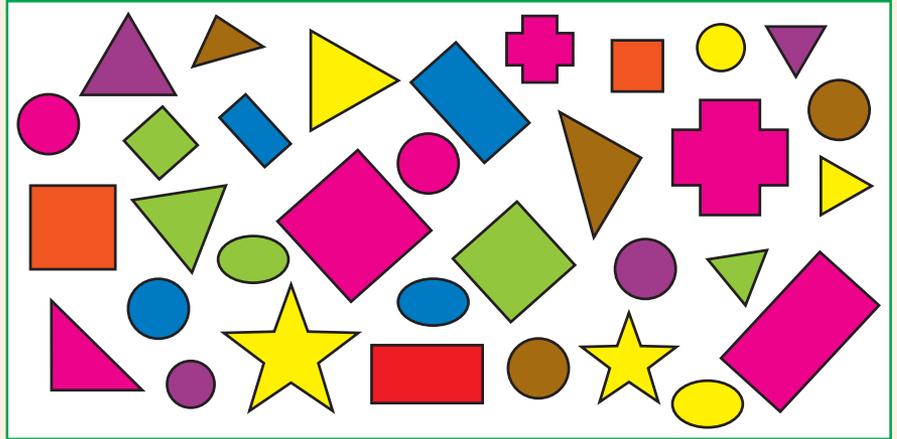


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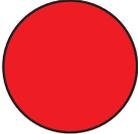
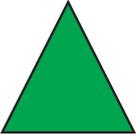
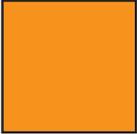
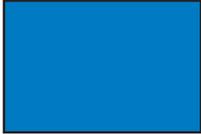


## Onhlangothi-mbili

Yisho ukuthi kulezi zimo ngasinye sinohlangothi oluqondile yini noma oluyisiyngi.



Yisho ukuthi isimo sinonqenqema oluqondile yini noma oluyisiyngi.



Zingaki izimo kwezingezansi ongazidweba zibe nonqenqema oluqondile?



Thola izithombe

Thola izimo ezinonqenqema oluqondile uzidweba ebhokisini elingezansi.

Thola izimo ezinonqenqema olugobile uzidweba ebhokisini elingezansi.

--	--



### Qedela lokhu:

	Dweba isimo esibukeka ngezindlela ezingafani.
unxantathu	
onxande	
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: \_\_\_\_\_

# Ukususa nokuhlanganisa ema-800



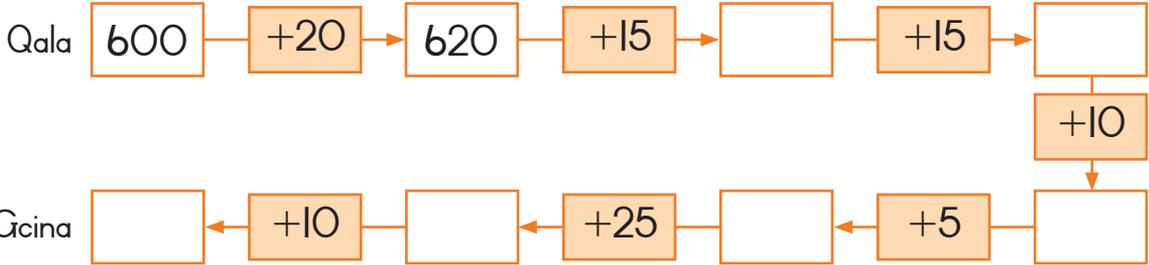
Yini engingayithenga ngama-R500?

Yiziphi kulezi zinto  
engingazithola  
ngokukhokha  
ama-R500?



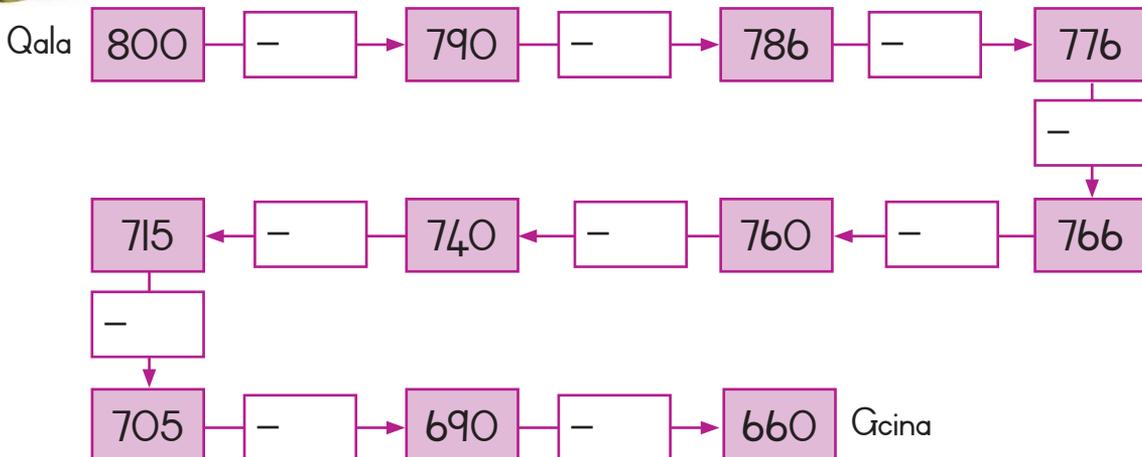
Hlanganisa usukele ema-600.

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.



# Okunye ukhlanganisa nokususa ema-800

Imindeni yezinombolo.

Sivumelekile ukwenza imindeni yezinombolo.

Umndeni ngamunye umele ukuba nezinombolo ezimbili ezinkulu, neyodwa encane.

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

$$4 + 8 = 12$$

$$8 + 4 = 12$$

$$12 - 8 = 4$$

$$12 - 4 = 8$$



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 sizoqala 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:
$352 - 166$ $352 - 152 = 200$ $200 - 14 = 200 - 10 - 4$ $= 190 - 4$ $= 186 \text{ km}$	$352 - 166$ $= 352 - 100 - 66$ $= 252 - 66$ $= 252 - 52 - 14$ $= 200 - 14$ $= 186 \text{ km}$

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



## Thola impendulo yokulandelayo usebenzise elinye iphepha:

Sebenzisa eyodwa yezindlela ezingenhl.

$$746 - 328$$

$$800 - 499$$



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

# Ukuhlenganisa nokususa kuye ema-800 futhi



Zakhele eyakho imindenani 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!

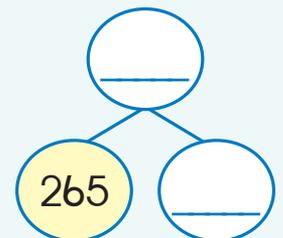
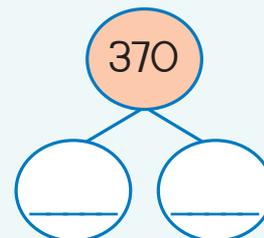
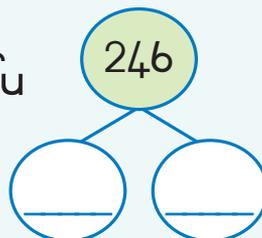
Enombolweni ngayinye ngezansi, khetha ezi-2 wenze ngazo umndenani.

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:

$34 - 18 = 16$	$190 - 97$	$65 + 69$	$242 + 249$
$34 - 17 = 17$	$190 - 95 = 95$	$65 + 65 = 130$	$= 242 + 242 + 7$
$17 - 1 = 16$	$95 - 2 = 93$	$130 + 4 = 134$	$= 484 + 7$
			$= 491$

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	Indlela yesi-2
$256 = 200 + 50 + 6$ → Uhhafu wama-200 yi-100 → Uhhafu wama-50 ngama-25 → Uhhafu we-6 ngoku-3 $100 + 25 + 3 = 128$ → Uhhafu wama-256 yi-128 Ngakho i-128 lezingane lithola izimoto	→ Uhhafu wama-250 yi-125 → Uhhafu we-6 ngoku-3 $125 + 3 = 128$ → Uhhafu wama-256 yi-128, Ngakho i-128 lezingane lithola izimoto.



## 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?

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 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

# Amaphethini ezinombolo: amashumi kokungama-800



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 zyingi? \_\_\_\_\_

b. Yelula lolu hide olulandelayo lwezinombolo:

704; 714; 724; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

782; 772; 762; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

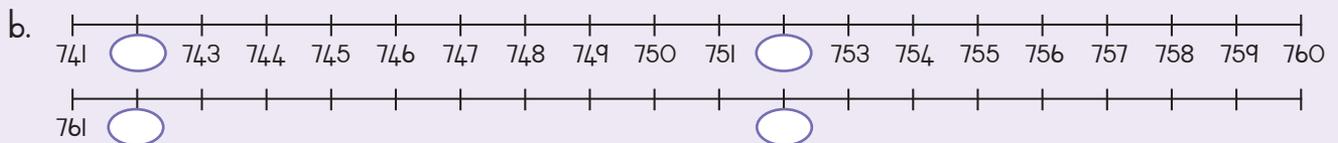
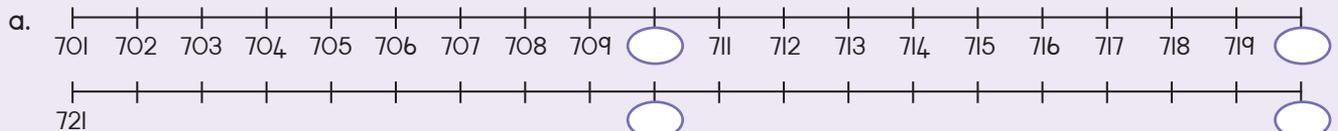
715; 725; 735; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

737; 747; 757; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

799; 789; 779; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_



Gcwalisa inombolo efanele esiyingini 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: \_\_\_\_\_

# Ukusondezela eshumini

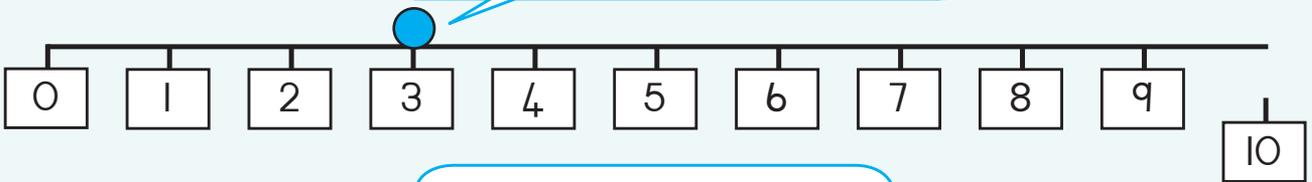
Zonke izinombolo ezihlelayo ezisuka koku-4 zidinga ukusondezelwa e-0.

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

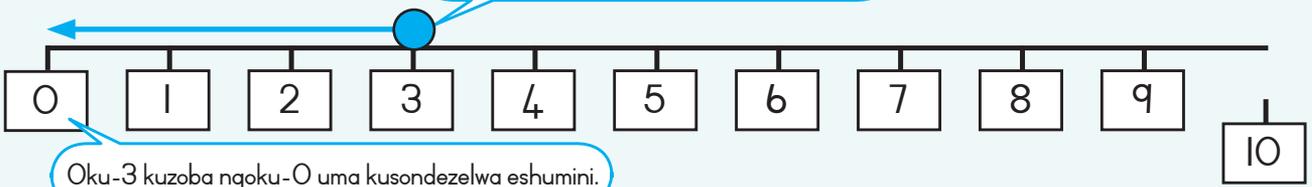


Masikhulume.

Oku-3 kuzoba ngokungaki uma kusondezelwa eshumini?



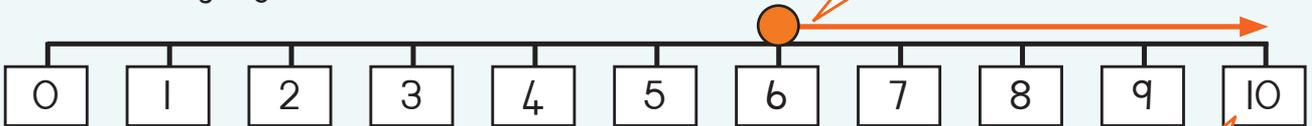
Oku-3 kuzoba ngubani uma kusondezelwa?



Oku-3 kuzoba ngoku-0 uma kusondezelwa eshumini.

Yenza okufanayo ngalezi:

Oku-6 kuzoba ngokungaki uma kusondezelwa eshumini?



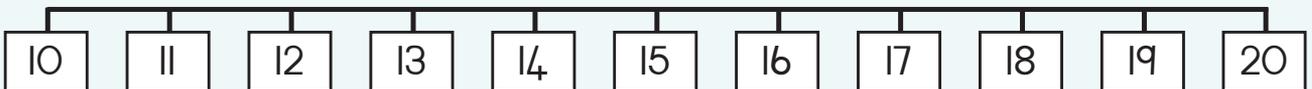
Ipendulo ithi kuzoba yi-10.



## 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 kokuhlani kuya kokungama-75

Yini enokungakuhlani?  
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	

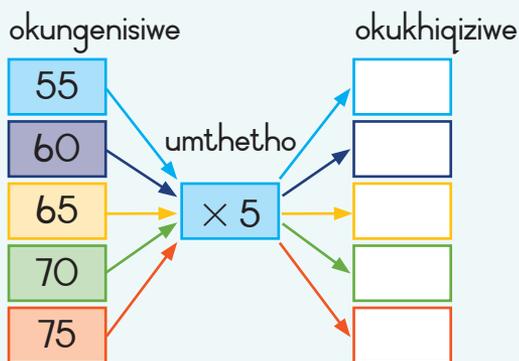
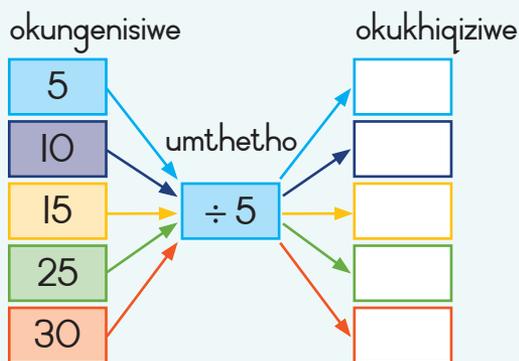
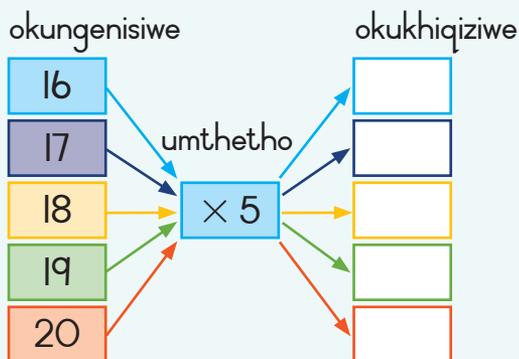
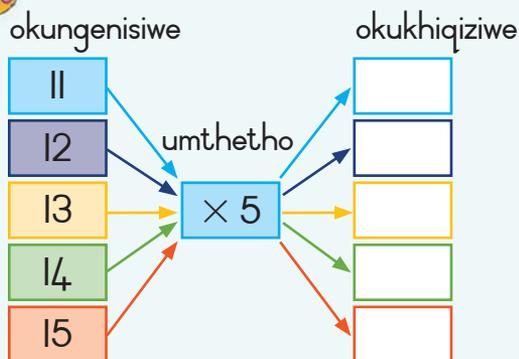


Qedela ithebhula.

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.



Qedela ithebhula elingezansi.

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

$\times$	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: \_\_\_\_\_

# Amaphethini ezinombolo: okuhlana kuyiwa ema-800



Yini ongayisho ngezinzombolo ezisemabhulokhini asawolintshi?

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

Bala ngakuhlana 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 okuhlana.

1. Hlanganisa okuhlana nenombolo oyinikiwe.  
Sikwenzele okokuqala.

a.  $760 + 5 = 765$

b. 725 \_\_\_\_\_      c. 780 \_\_\_\_\_      d. 755 \_\_\_\_\_      e. 715 \_\_\_\_\_      f. 790 \_\_\_\_\_



2. Susa okuhlana enombolweni oyinikiwe. Sikwenzele okokuqala.

a.  $765 - 5 = 760$

b. 760

c. 785

d. 750

e. 715

f. 790

3. Kwenzekani uma ususa noma uhlanganisa okuhlana ezinombolweni ezingenhla?



Buka iziyingi ezibomvu ebhodini lezinombolo.

a. Ubonani kulezi ziyingi? \_\_\_\_\_

b. Yelula lolu hide lwezinombolo:

703; 708; 713; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

722; 727; 732; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

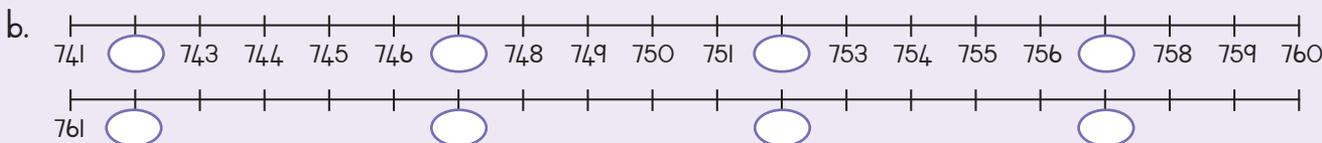
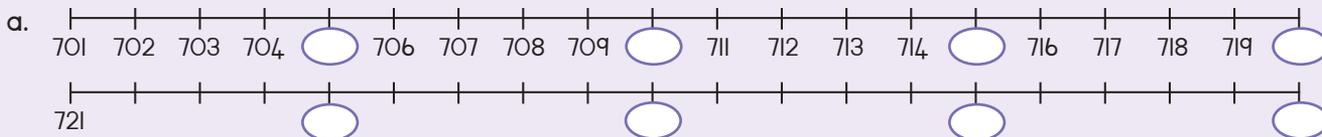
753; 758; 763; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

714; 719; 724; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

701; 706; 711; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_



Gcwalisa inombolo efanele esiyingini kule migqa yezinombolo.



Nginenombolo enamadijithi ama-3.

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

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



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

## Ubusuku nemini



## ICape Town

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



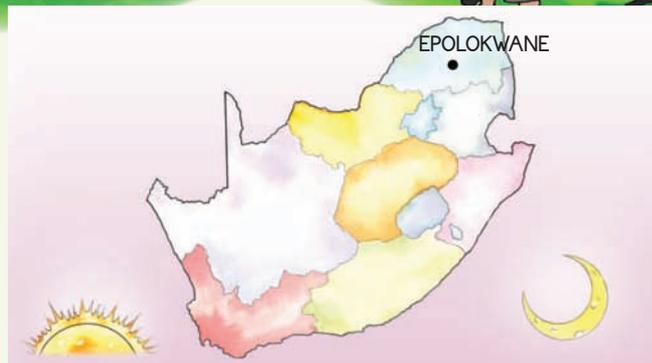
ECape Town	Ukuphuma kwelanga	Ukushona kwelanga	Ubude bemini	Ubude bobusuku
Zingama-23 kuNdasa	6:53 am	6:53 pm		
Zingama-21 kuNhlangulana	7:51 am	5:44 pm		
Ziyi-19 kuMandulo	6:41 am	6:41 pm		
Zingama-22 kuZibandlela	5:32 am	7:58 pm		

- 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 ezahlukahlukene onyakeni ePolokwane. Funda izikhathi ethebhuleni bese ugqwalisa 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		
Ziyi-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

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:

- $1 \times 2 = 2$
- $9 \times 2 = 18$
- $7 \times 2 = 14$
- $2 \times 2 = 4$
- $4 \times 2 = 8$
- $3 \times 2 = 6$
- $5 \times 2 = 10$
- $10 \times 2 = 20$
- $6 \times 2 = 12$
- $8 \times 2 = 16$

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

- 11
- 12
- 15
- 17
- 20

umthetho

$\times 2$

okukhiqiziwe

- 
- 
- 
- 
- 

okungenisiwe

- 22
- 26
- 31
- 30
- 35

umthetho

$\times 2$

okukhiqiziwe

- 
- 
- 
- 
- 

okungenisiwe

- 20
- 26
- 32
- 38
- 44

umthetho

$\div 2$

okukhiqiziwe

- 
- 
- 
- 
- 

okungenisiwe

- 50
- 60
- 68
- 72
- 74

umthetho

$\times 2$

okukhiqiziwe

- 
- 
- 
- 
- 



Qedela la mathebhula angezansi:

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

$\times$	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:

# Amaphethini ezinombolo: ezingambili kuya ema-800



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 \_\_\_\_\_



a.  $764 - 2 = 762$

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 esiyingini ngasinye kule migqa yezinombolo.

a.

701	○	703	○	705	○	707	○	709	○	711	○	713	○	715	○	717	○	719	○
721	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

b.

741	○	743	744	745	○	747	748	749	750	751	○	753	754	755	○	757	758	759	760
761	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○



Nginenombolo enamadijithi ama-3.

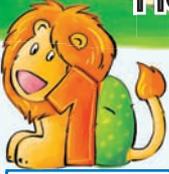
Idijithi lokuqala yisi-7, elilandelayo likhulu ngokubili kunesi-7, bese kuthi elokucina lincane ngokune kunesi-7.

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



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

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



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  $\times$  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:

$24 \times 3$  $= (20 + 4) \times 3$ $= (20 \times 3) + (4 \times 3)$ $= 60 + 12$ $= 72$	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 lilinye.  
 Umngani wami uthenge amaswidi ayi-12 ngama-R5 lilinye.  
 Sikhokhe malini sobabili seyihlanganisiwe?



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

# 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

- 10
- 12
- 14
- 16
- 22

umthetho

$\times 3$

okukhiqiziwe

- 
- 
- 
- 
- 

okungenisiwe

- 11
- 13
- 15
- 23
- 25

umthetho

$\times 3$

okukhiqiziwe

- 
- 
- 
- 
- 

okungenisiwe

- 18
- 30
- 36
- 42
- 75

umthetho

$\div 3$

okukhiqiziwe

- 
- 
- 
- 
- 

okungenisiwe

- 12
- 63
- 66
- 69
- 75

umthetho

$\div 3$

okukhiqiziwe

- 
- 
- 
- 
- 



Qedela la mathebhula angezansi:

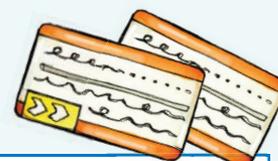
$\times$	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
4	3	6													

$\times$	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:

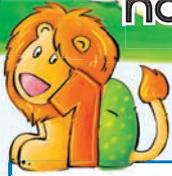


Ingane ngayinye beyingena ngama-R3 kwase kungena izingane ezingama-23 epaki. Zikhokhe malini sekukonke?

Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

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.

$5 \times 2 = 10$

Ngiqale ngaveza  $5 \times 2$  kanje:

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

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

Ungabali	Amaqoqo alinganayo	Ukuhlanganisa okuphindaphindekayo	Amaqoqo	Amaqiniso

$6 \times 4 = 24$

Ungabali	Amaqoqo alinganayo	Ukuhlanganisa 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: \_\_\_\_\_

# Amaphethini ezinombolo: ngaku-3 kuze kuyofinyelela ema-800



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.

I. 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.

a.  $766 - 3 = 763$

- |              |              |              |              |              |
|--------------|--------------|--------------|--------------|--------------|
| 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.

- a.
- |     |     |   |     |     |   |     |     |   |     |     |   |     |     |   |     |     |   |     |     |   |
|-----|-----|---|-----|-----|---|-----|-----|---|-----|-----|---|-----|-----|---|-----|-----|---|-----|-----|---|
| 701 | 702 | ○ | 704 | 705 | ○ | 707 | 708 | ○ | 710 | 711 | ○ | 713 | 714 | ○ | 716 | 717 | ○ | 719 | 720 |   |
| 721 | ○   | ○ | ○   | ○   | ○ | ○   | ○   | ○ | ○   | ○   | ○ | ○   | ○   | ○ | ○   | ○   | ○ | ○   | ○   | ○ |
- b.
- |     |   |     |     |   |     |     |   |     |     |   |     |     |   |     |     |   |     |     |   |   |
|-----|---|-----|-----|---|-----|-----|---|-----|-----|---|-----|-----|---|-----|-----|---|-----|-----|---|---|
| 741 | ○ | 743 | 744 | ○ | 746 | 747 | ○ | 749 | 750 | ○ | 752 | 753 | ○ | 755 | 756 | ○ | 758 | 759 | ○ |   |
| 761 | ○ | ○   | ○   | ○ | ○   | ○   | ○ | ○   | ○   | ○ | ○   | ○   | ○ | ○   | ○   | ○ | ○   | ○   | ○ | ○ |



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: \_\_\_\_\_

# Ukuphindaphinda: ngaku-4 uye ema-75

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:

$$\begin{aligned} 9 \times 4 &= 36 \\ 7 \times 4 &= 28 \\ 2 \times 4 &= 8 \\ 4 \times 4 &= 16 \\ 3 \times 4 &= 12 \\ 5 \times 4 &= 20 \\ 1 \times 4 &= 4 \\ 10 \times 4 &= 40 \\ 6 \times 4 &= 24 \\ 8 \times 4 &= 32 \end{aligned}$$

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.

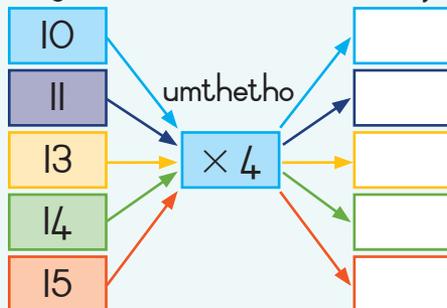
Ukuhlukanisa	Hlukanisa
Hlukanisela abantu aba-4 izinto ezingama-35	$35 \div 4 = 8$ kusala 3
Hlukanisela abantu aba-4 izinto ezingama-55	
Hlukanisela abantu aba-4 izinto ezingama-70	
Hlukanisela abantu aba-4 izinto ezingama-75	



Qedela ishadi lokulandelanayo.

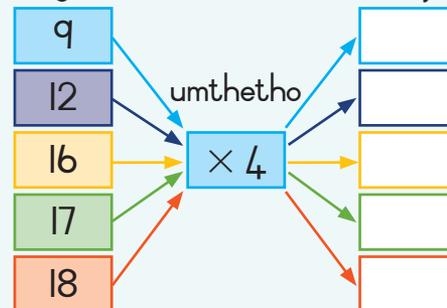
okungenisiwe

okukhiqiziwe



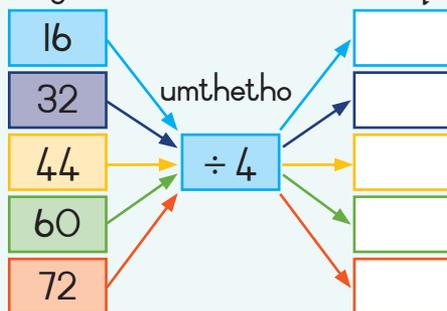
okungenisiwe

okukhiqiziwe



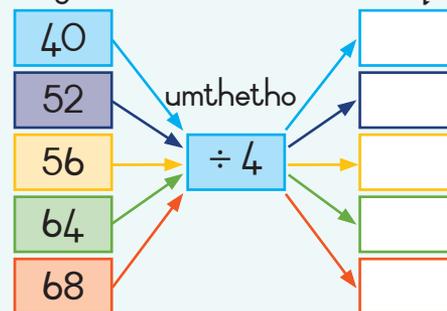
okungenisiwe

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:

# Amaphethini ezinombolo: ngaku-4 kuze kuyofinyelela ema-800



Yini ongayisho ngezinombolo 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.

1. 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.

a.  $7b4 - 4 = 7b0$

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.

a.

701	○	703	704	705	○	707	708	709	○	711	712	713	○	715	716	717	○	719	720	
721	○				○				○				○					○		

b.

741	○	743	744	745	○	747	748	749	○	751	752	753	○	755	756	757	○	759	760	
761	○				○				○				○					○		



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: \_\_\_\_\_

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



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.

$12 \div 2 = 6$	$13 \div 3 = 4$ 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 uhlukanisa izinombolo, isb.  $72, 7 + 2 = 9$  kanti ungayihlukanisa ngoku-3.
- 2? \_\_\_\_\_
- 5? \_\_\_\_\_



Hlukanisa bese uhlola impendulo yakho.

$65 \div 3$ $= (60 + 5) \div 3$ $= (60 \div 3) + (5 \div 3)$ $= 20 + 1 \text{ kusala } 2$ $= 21 \text{ kusala } 2$	$21 \times 3 + 2$ $= (20 + 1) \times 3 + 2$ $= (20 \times 3) + (1 \times 3) + 2$ $= 60 + 3 + 2$ $= 65$
<p>a. <math>49 \div 5</math></p>	
<p>b. <math>65 \div 5</math></p>	



Xazulula lesi sibalo:

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



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_



# Ukwakheka kwezinto eziwonhlangothi-ntathu



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

\_\_\_\_\_.



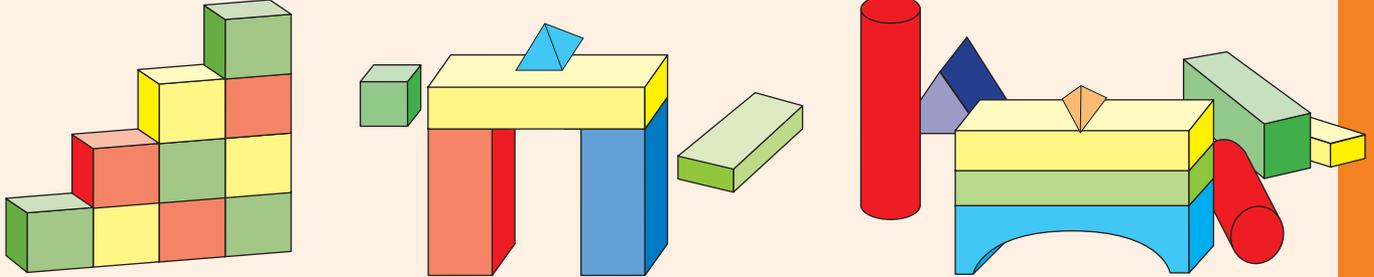
d. Isilinda ngabe iyakwazi ukushelela?

\_\_\_\_\_



Yisho igama lento  
esetshenziswe esithombeni ngasinye.

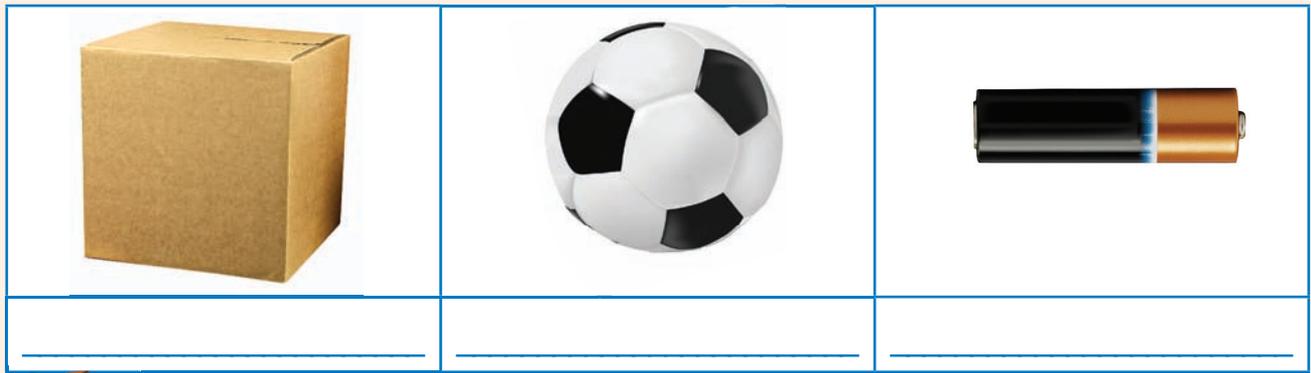
Nikeza igama elilodwa entweni ngayinye. Yisho ukuthi into iyagingqika noma iyashelela yini.



<hr/> <hr/> <hr/>	<hr/> <hr/> <hr/>	<hr/> <hr/> <hr/>
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Yisho ukuthi izinto ezinhlangothi-ntathu ziyizicaba  
noma zigobile yini.



Dweba lokhu okulandelayo:

<hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/>
Ibhokisi elincike kusilinda.	Ibhola elincike kusilinda.	Isilinda encike ebhokisini.



Teacher:
Sign:
Date:

# Amasethi emicu yamaqhezu

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



## Yakha isethi yakho.

Okusikwayo kwesi-5

Kowodwa umucu bhala amagama athi: "Okukodwa okuphelele".

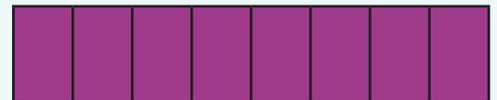
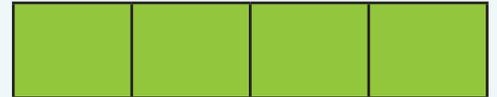
Goga owodwa umucu ube wuhhafu ngokucophelela. Wuqaqe futhi. Zingaki izingxenye ezilinganayo?

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

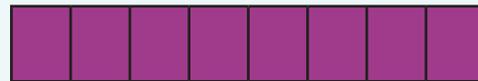
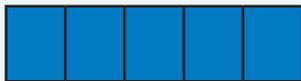
Thatha umucu wesithathu uwugoqe ube wuhhafu, bese uwugoqa futhi kube wuhhafu kahhafu. Wuvule. Unezingxenye ezingaki ezilinganayo? Bhala  $\frac{1}{4}$  esiqeshini ngasinye, bese usika lapho kunezimpawu zokugoqwa khona. Manje ake uzame ukwenza eminye imicu emibili, kowodwa ukhombise amaqhezu okwesihlanu,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

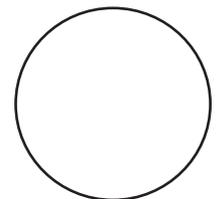
Hlukanisa lo mucu ube okukodwa kokuthathu.



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:
  - o Ohlangothi olulodwa bhala iqhezu lehora.
  - o Kolunye uhlangothi bhala inani lemizuzu elakhiwa yilelo qhezu.



Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

## Okunye ngamaqhezu



## 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 okuzosala..

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.

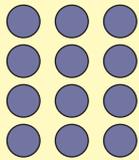
Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

# Ukuhlukanisa okuholela emaqhezwini

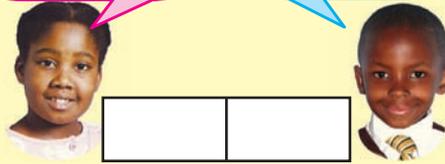
Nazi izinto zokubala eziyi-12



Singabangani sibabili. Sinesiqukathi esisodwa esisihlukanise ohhafu abalinganayo.

Lokhu sikubiza ngohhafu owodwa.

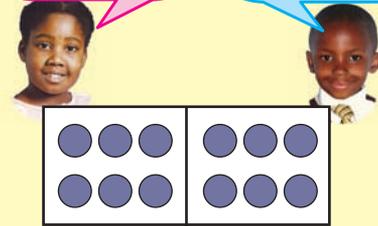
Lokhu sikubiza ngohhafu owodwa.



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.

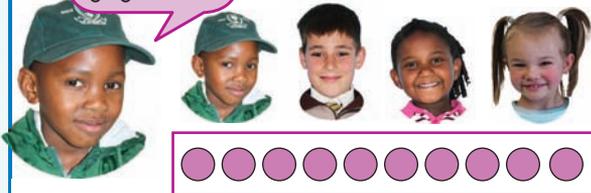


- Intombazana ngayinye izothola amabhola amangaki?
- Qhezu lini elizotholwa ngumfana ngamunye?



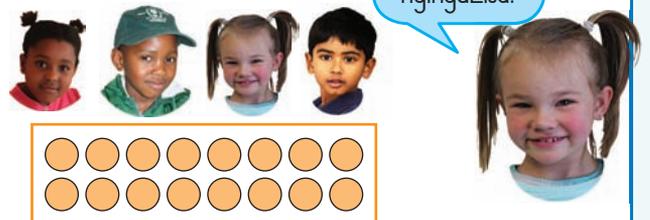
Qhezu lini elizotholwa ngumfana ngamunye?  
Qhezu lini elizotholwa nguLisa?

Igama nginguMandla.



- Uzothola amabhola amangaki uMandla noLisa?

Igama nginguLisa.



- 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?

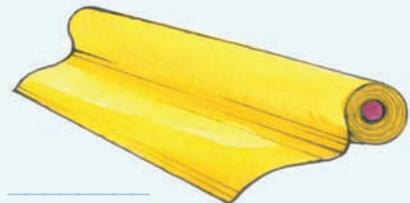
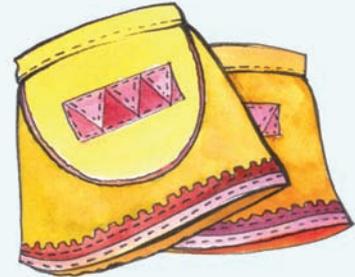
iziketi ezi-2 \_\_\_\_\_ iziketi ezi- 3 \_\_\_\_\_ iziketi ezi- 4 \_\_\_\_\_

c. Ibiza malini indwangu ezokwenza?

isiketi esi-1 \_\_\_\_\_ iziketi ezi- 2 \_\_\_\_\_ iziketi ezi- 3 \_\_\_\_\_

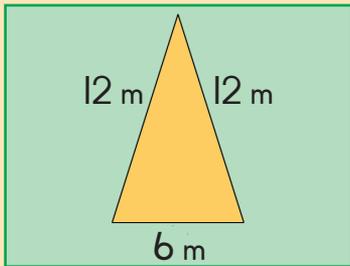
d. Bazokwakha iziketi ezingaki ngale mali:

R4,50 \_\_\_\_\_ R825 \_\_\_\_\_ R180 \_\_\_\_\_ ?



# Ibanga elisizungezile

Make sibheke ibanga lendawo ezungeze into ethile.



Umlimi unesiza esingunxantathu.

Ubude bebanga elizungezile sizobuthola ngokuhlenganisa 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.

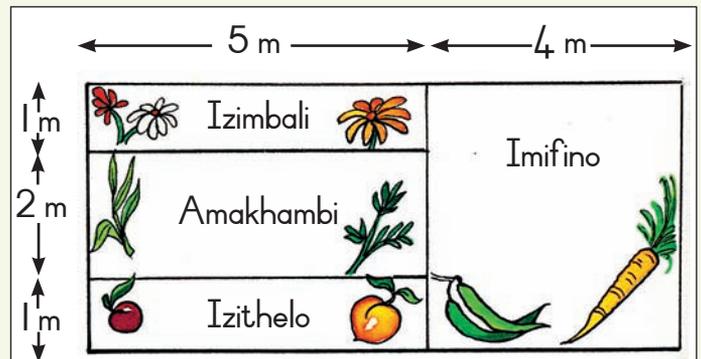
UVeronica udweba ingadi azofuna ukutshala okuthile kuyo.

- Bungakanani ubude bebanga elizungeze lapho kutshalwe khona amakhambi? \_\_\_\_\_
- Yiziphi izingxenye ezinebanga elilinganayo elizungezile?  
Lingakanani ibanga elizungeze lezi zingxenye?

\_\_\_\_\_ kanye \_\_\_\_\_ ubude bebanga elizungezile \_\_\_\_\_ m.

- 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.



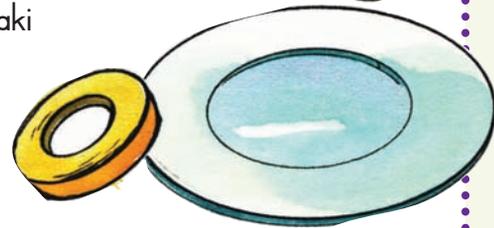
## Iziyingi zokukala.

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.



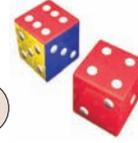
Ibanga lento eyisiyingi uma usuka ohlangothini olulodwa uya kolunye, libizwa ngedayametha.



# Ukuthengiselana ngemali

Dlala le midlalo 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.

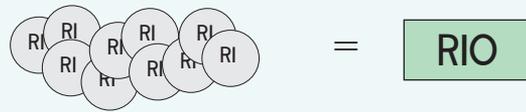
Beka Ibhodi Lemali etafuleni.

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

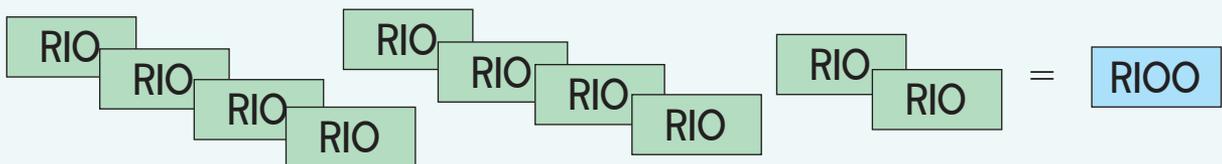


## Hlanganisa ufinyelele e-RIOO.

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 000.

Hlanganisa ngesamba esisedayisini njalo uma udlala e-RIO. Owokuqala ozofinyelela e-RI 000 nguye onqobile. Ningaqala nge-RI 000 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: \_\_\_\_\_

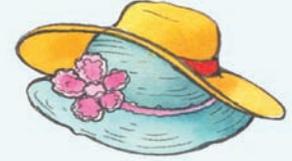
Date: \_\_\_\_\_

## Masiyothenga!



Kuthengiswa izigqoko.

Isitolo sithengisa izigqoko ngamanani ama-5 ahlukene.



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

- a. Thola ubungako bezigqoko emgqeni ngamunye.
- b. UMaZondo uthenga isigqoko esi-1 ohlotsheni ngalunye.  
Ukhokha malini seyiyonke? \_\_\_\_\_
- 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.

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

b. Thikha (✓) impendulo efanele.

I litha likakhilimu ligcwalisa: amakhekhe ayi-10; amakhekhe ayi-7;

amakhekhe ayi-8



Hlola!  
Qhathanisa!  
Lungisa!



## Izibalo ezisheshayo.

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



## Okunye ngemininingwane



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 ezinhlano 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? \_\_\_\_\_



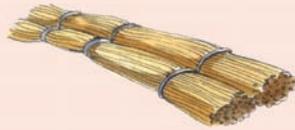
## Luhlobo luni lophahla?

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!  
Qhathanisa!  
Lungisa!

Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

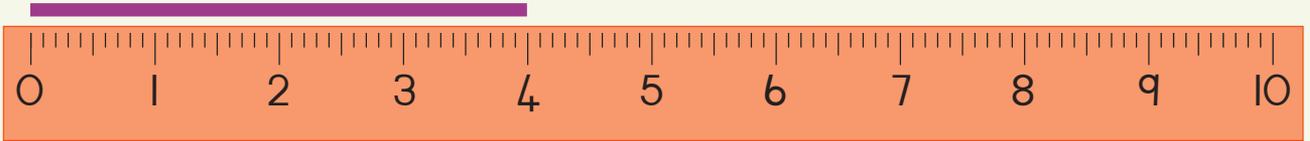
# Ukusebenza ngamasentimitha

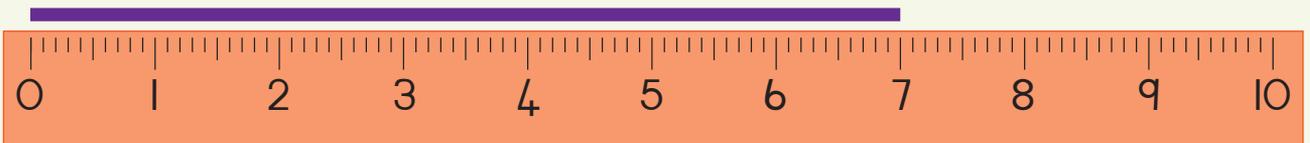
Usuku

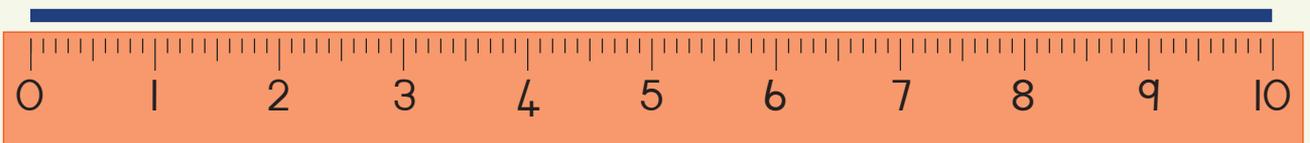
Ithemu 4



Mude kangakanani umugqa ofakwe umbala?









Qala ngokuhlawumbisela bese ukala imigqa.  
Qedela ithebhula.

Umugqa	Ukuhlawumbisela	Ukukala	Umahluko 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 ajishumi 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, elibukhwebezana 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.  
\_\_\_\_\_



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

# Izinombolo 700 kuya ema-800



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; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_

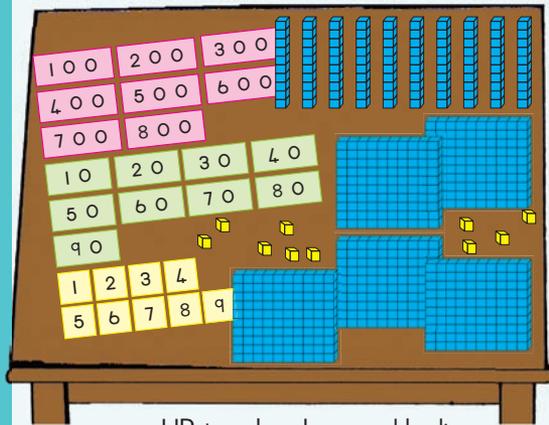


99

# Okunye ngezinombolo ama-700 kuya ema-800

Usuku:

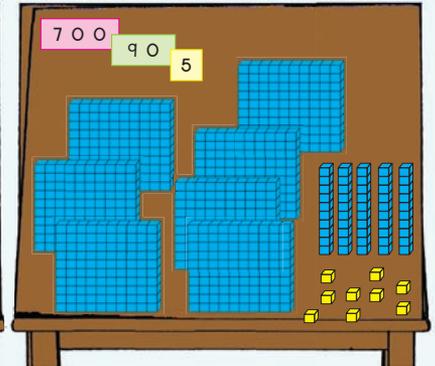
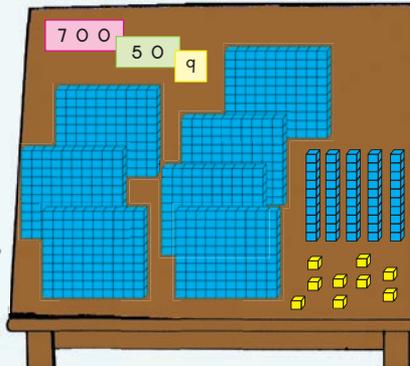
Ithemu 4



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.

$700 + 60 + 7 = 767$

$700 + 50 + 9 =$

$700 + 90 + 5 =$



Bhala umusho wezinombolo kanye nempendulo.

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.

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

790	
689	
699	
755	
690	

Isibonelo: 799

700
90
9
799

799     $700 + 90 + 9$



Bhala izinombolo ngamagama azo.

668	
757	
799	
742	
691	



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

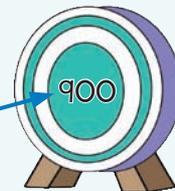
## Izinombolo 800 kuya ema-900



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.

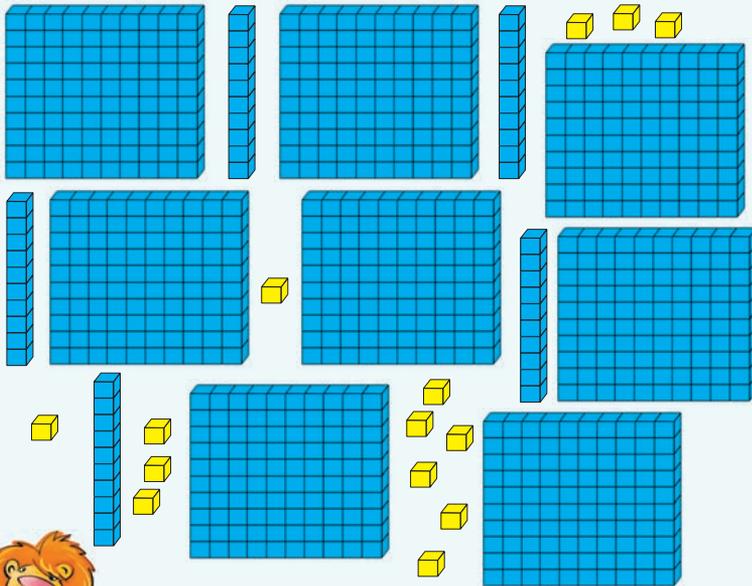
807; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; 829

- 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	
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Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

## Okunye ngezinombolo ama-800 kuya ema-900

Usuku:

100 200 300  
400 500 600  
700 800 900

10 20 30 40  
50 60 70 80  
90

1 2 3 4  
5 6 7 8 9

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

Okukhonjiswe wuBen yilokhu. Ngabe yini angayenzanga kahle?

800 50 4

800 40 5

UPeter ubevele enamakhadi anezinombolo ngokwezikhundla zezinombolo kanye namabhulokhi amashumi.



Bhala umusho wezinombolo kanye nempendulo.

$800 + 80 + 5 = 885$		



Bhala umusho wezinombolo kanye nempendulo.

<p>800 50 2</p> <p><math>800 + 50 + 2</math></p> <p>=</p>	<p>800 90 7</p> <p></p> <p></p>	<p>800 3</p> <p></p> <p></p>
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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.

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

890	
889	
802	
855	
840	

Isibonelo: 876

800

70

6

876

876

$800 + 70 + 6$



Bhala izinombolo ngamagama azo.

889	
825	
803	
830	
899	



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

## Ukukala isisindo sezinto



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-4,5 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.



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	Umahluko 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

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

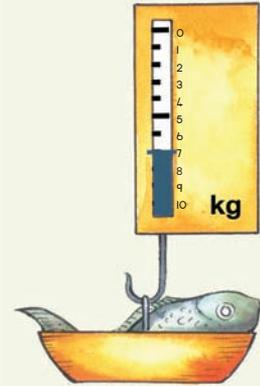
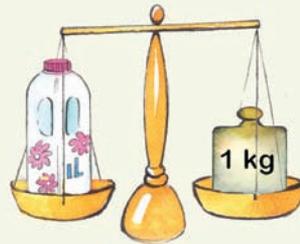
Isisindo sisho isilinganiso sokuthi amandla omhlaba ayidonsa kanjani leyo nto eyibuyisela emhlabeni. Uma sithatha into siyisa enyangu ibha nesisindo esifanayo kodwa isikali siyithola ilula ngenxa yobulula bamandla enyanga uma eqhathaniswa nawomhlaba.

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.



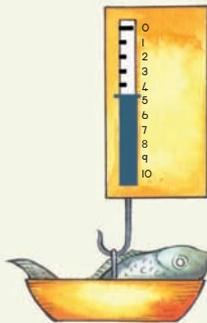
Le nhlanzi inesisindo samakhilogramu ama-3.

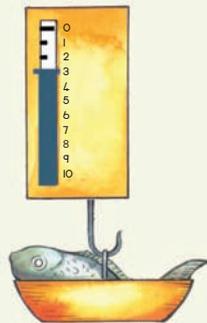


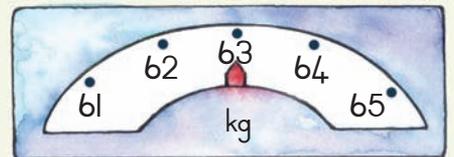
## Thola isisindo salokhu.

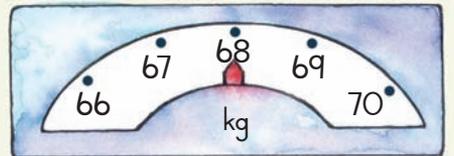
Bhala isisindo ngama-kg esikhonjiswa esikalini ngasinye sespringi.

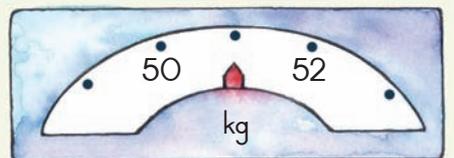


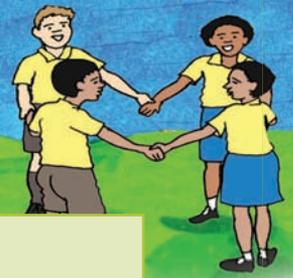








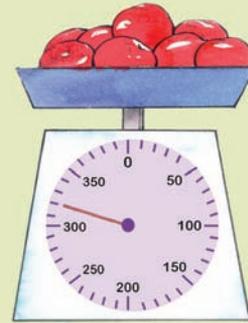




Sisebenzisa amagramu ukukala isisindo sezinto ezincane nezilula kanye nokukala amaqhezu ekhilogramu.

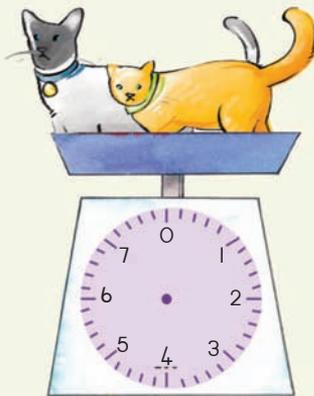
$$1\ 000\ \text{g} = 1\ \text{kg}$$

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

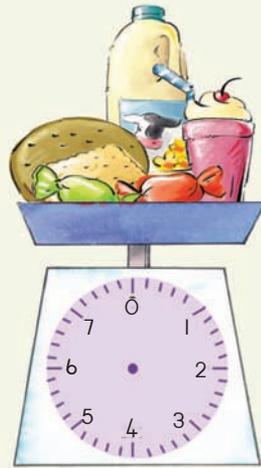


## Zikala isisindo esingakanani?

Dweba lapho uluthi lwesikali kumele luye khona esikhathini ngasinye.



7 kg



4 kg



6 kg



## 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: \_\_\_\_\_

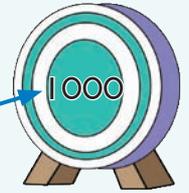
# Izinombolo 900 kuya e-1 000



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.

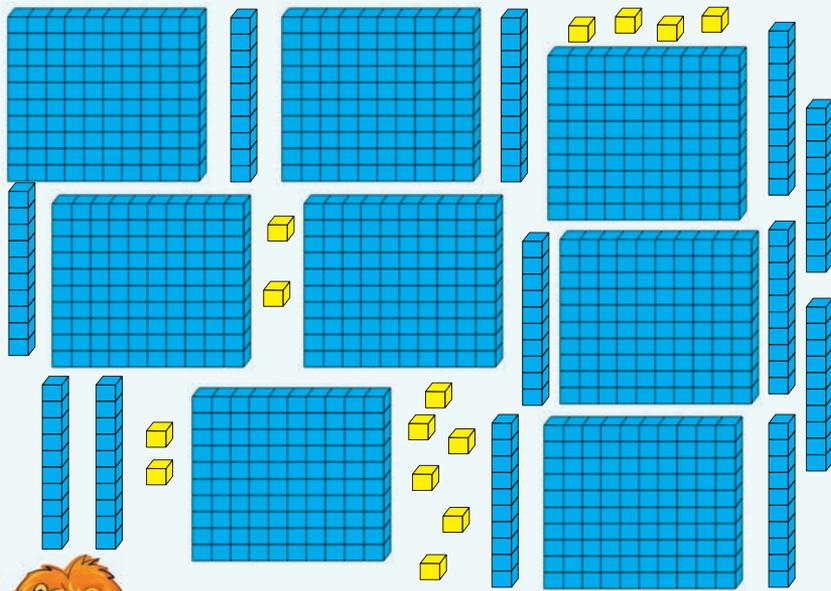
945; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; 967

- 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	
-----	--



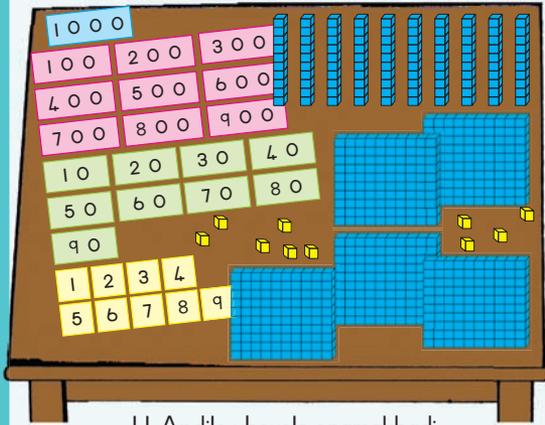
Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

# Okunye ngezombolo ama-800 kuya e-1 000

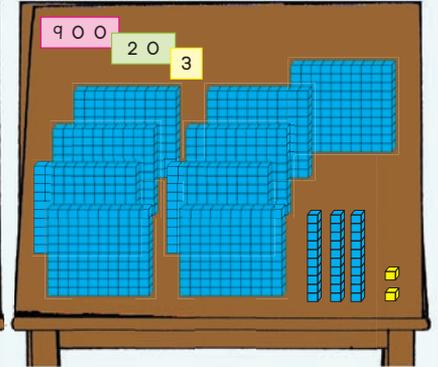
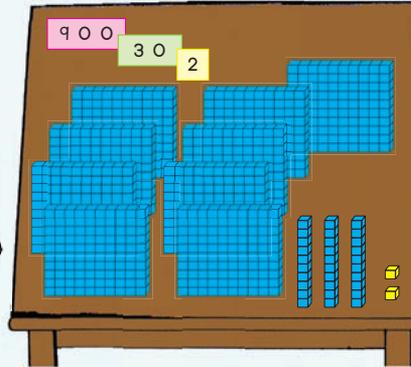
Ithemu 4



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.

$900 + 90 + 9$ $=$	$900 + 20$  	$900 + 8$  
-----------------------	--------------------	-------------------



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.

- a. Yakha inombolo ngayinye ngamakhadi.
- b. 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	



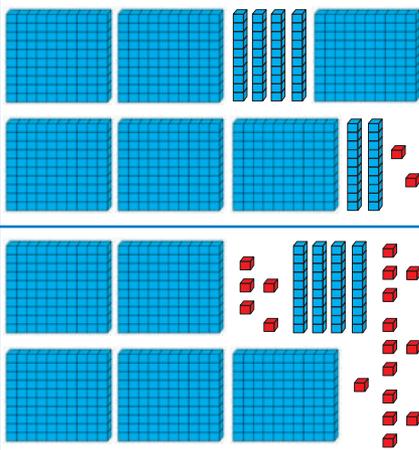
Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

# Ukuhlanganisa 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

$$= 340 + 340$$

= 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: \_\_\_\_\_

## Mayelana nendlu



## Usuku lokubhaka.

UMamncane uPhindi ubhaka isinkwa kuhhavini wakhe.

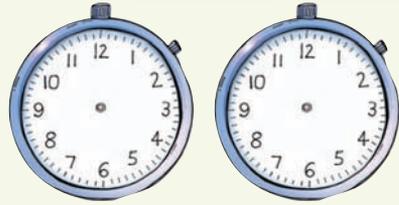
Khombisa isikhathi kula mawashi.



Ufaka isinkwa imizuzu ijishumi nanhlanu emva kwelesine.

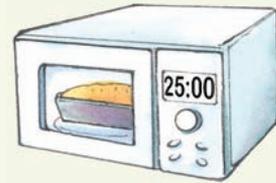
Ukhipha isinkwa imizuzu imihlanu ngemva kwelesihlanu.

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-\_\_\_\_\_.



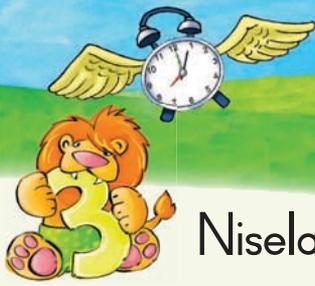
## Imisebenzi yasekuseni.



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	
Creza 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-l.

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? \_\_\_\_\_.

Hlola!  
Qhathanisa!  
Lungisa!



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

# Ukusebenza ngemali

Ithemu 4

Ukubala imali eyizinhlangvu nemali engamaphepha.

$10 \times \text{R}10 = \text{R} \underline{\hspace{1cm}}$	$20 \times \text{R}10 = \text{R} \underline{\hspace{1cm}}$	$50 \times \text{R}10 = \text{R} \underline{\hspace{1cm}}$
$10 \times \text{R}20 = \text{R} \underline{\hspace{1cm}}$	$20 \times \text{R}20 = \text{R} \underline{\hspace{1cm}}$	$50 \times \text{R}20 = \text{R} \underline{\hspace{1cm}}$
$10 \times \text{R}50 = \text{R} \underline{\hspace{1cm}}$	$20 \times \text{R}50 = \text{R} \underline{\hspace{1cm}}$	$50 \times \text{R}50 = \text{R} \underline{\hspace{1cm}}$
$10 \times \text{R}1 = \text{R} \underline{\hspace{1cm}}$	$20 \times \text{R}1 = \text{R} \underline{\hspace{1cm}}$	$50 \times \text{R}1 = \text{R} \underline{\hspace{1cm}}$
$10 \times \text{R}100 = \text{R} \underline{\hspace{1cm}}$	$20 \times \text{R}100 = \text{R} \underline{\hspace{1cm}}$	$50 \times \text{R}100 = \text{R} \underline{\hspace{1cm}}$
$100 \times \text{R}10 = \text{R} \underline{\hspace{1cm}}$	$100 \times \text{R}50 = \text{R} \underline{\hspace{1cm}}$	$100 \times \text{R}100 = \text{R} \underline{\hspace{1cm}}$
$100 \times \text{R}20 = \text{R} \underline{\hspace{1cm}}$	$100 \times \text{R}1 = \text{R} \underline{\hspace{1cm}}$	

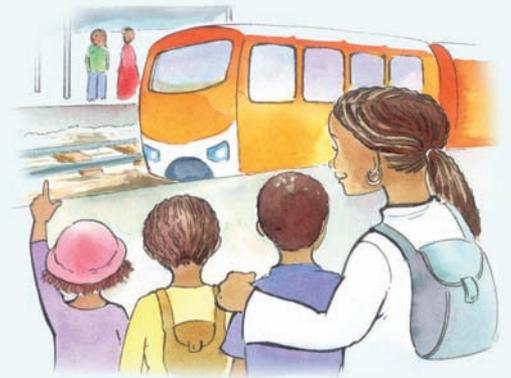


## Uhambo ngesitimela.

UKgethi nabantwana bakhe aba-3 bahamba ngesitimela.

Abadala nabantwana bakhokha imali efanayo.

UKgethi ukhokha ngemali yamaphepha.



Uthola ama-R30 ushintshi.

Libiza malini ithikithi lilinye? 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?

$+ 50c$      $+ R2$      $+ R10$      $+ R100$

$R87,50 \quad R88 \quad R90 \quad R100 \quad R200$

$50c + R2 + R10 + R100 = R112,50$  ushintshi

Sebenzisa umusho wezinombolo ukukusiza uthole ushintshi.

Inani: R229,40  
 Kukhokhwa nge-:

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Inani: R305,60  
 Kukhokhwa nge-:

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Teacher: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

# Okunye ngokuhlanganisa nokususa kuye ema-999



Masixazulule le nkinga.

UGugu uqoqe izitikha ezingama-234.

UMandla umnike ezingama-501.

Zingaki izitikha anazo sezizonke?

Uthini umbuzo?

Zingaki izitikha anazo sezizonke?

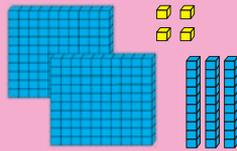
Yiliphi igama elimqoka? **Sezizonke**

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: <b>Masihlanganise</b> <input type="text"/> <b>Masisuse</b> <input type="text"/>
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: <b>Masihlanganise</b> <input type="text"/> <b>Masisuse</b> <input type="text"/>
Yenza umdwebo.	Sebenzisa indlela yakho ukuxazulula le nkinga.



Teacher:

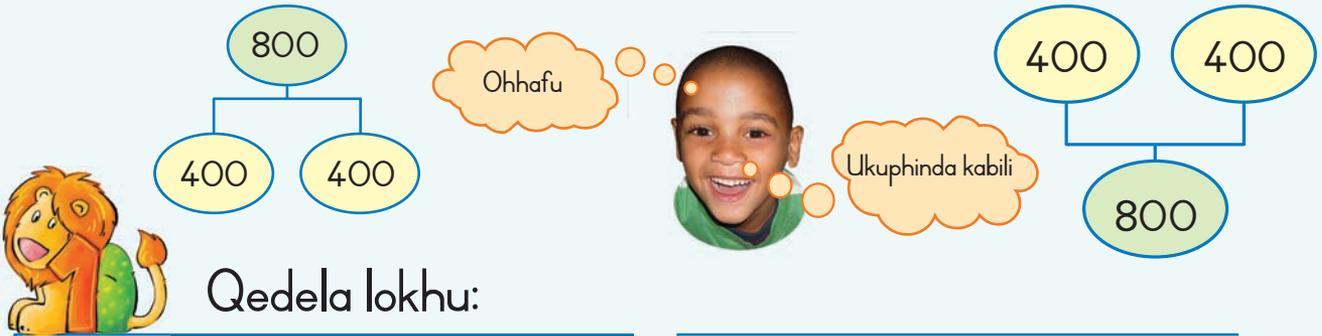
Sign:

Date:

# Ukuhlangele nokususa kuye ema-999 futhi

Ithemu 4

Buka lo mdwebo bese uwuchaza.



Qedela lokhu:

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 ahlangele ne-12 kwakha \_\_\_\_\_.

b. Ama-540 kususwa i-15 kusala \_\_\_\_\_.

c. Ama-576 ahlangele nama-20 kwakha \_\_\_\_\_.

d. Ama-590 kususwa ama-60 kusala \_\_\_\_\_.

e. Ama-537 ahlangele nama-29 kwakha \_\_\_\_\_.

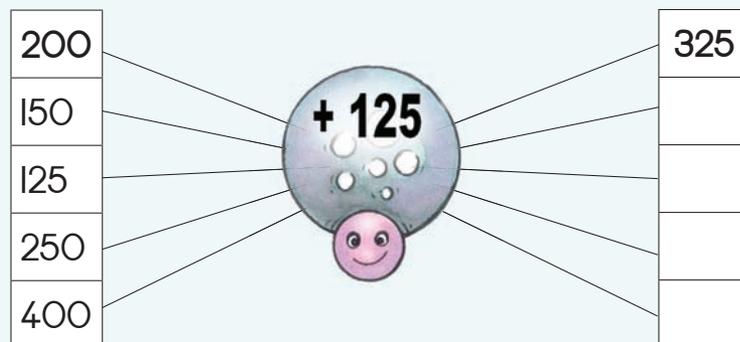
f. Uhhafu wama-300 ngama-\_\_\_\_\_.

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 imindeni 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:

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



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

# Amaphazili okukala



Thola ububanzi bendawo.

Zingaki izikwele ozidinga  ukuqedela isembozo ngasinye?

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

<p>a.</p> <p>_____</p>	<p>b.</p> <p>_____</p>
<p>c.</p> <p>_____</p>	<p>d.</p> <p>_____</p>



Xazulula isiphicaphicwano.



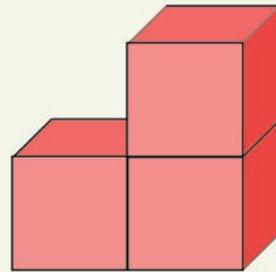
Ufuna ukukala amalitha ama-4 amanzi. Uneziqukathi ezimbili: esinye siphethe amalitha ama-3 esinye ama-5. Uzokwenza kanjani lokhu?

Siyakucebisa: kunezindlela ezimbili okungenani.



## Ubonani?

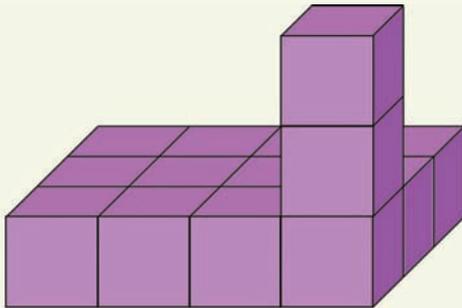
Amabhokisi amathathu anyathiselwe ngeglu kulesi sithombe.



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:

# Amaphethini ezinombolo: amashumi kuya ema-900

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 ezikokelezwe?

Okukokelezwe ngombala **obomvu**: Ukubala nga-\_\_\_\_\_.

Bhala iphethini lalokho: \_\_\_\_\_

Okukokelezwe 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: \_\_\_\_\_

# Ukusondezela eshumini

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



Khumbula ukubheka imivo uma usondezela eshumini eliseduze.

Ithemu 4

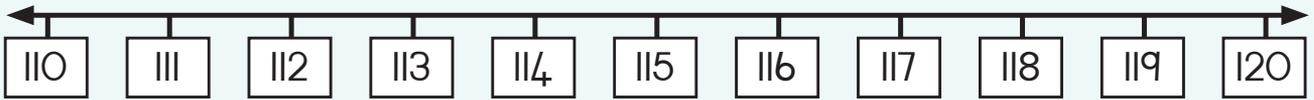


Sondezela lokhu e-10.



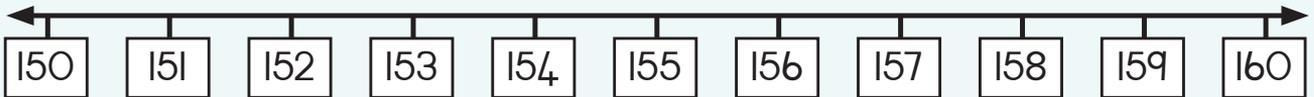
I-114 elisondezelwe lenza? \_\_\_\_\_

I-117 elisondezelwe lenza? \_\_\_\_\_



I-159 elisondezelwe lenza? \_\_\_\_\_

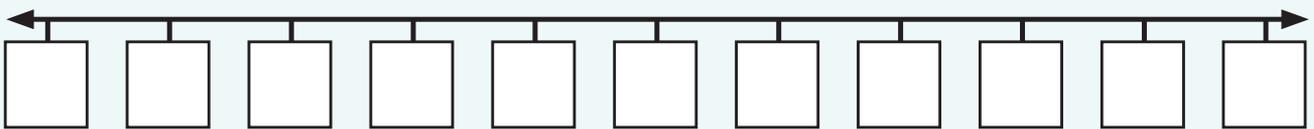
I-151 elisondezelwe lenza? \_\_\_\_\_



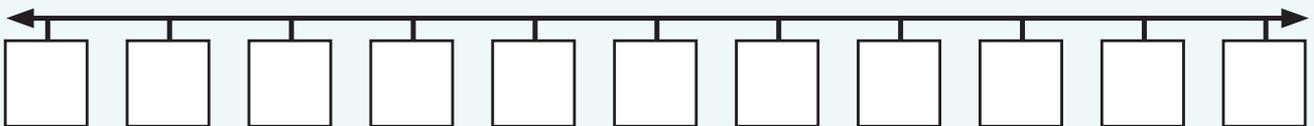
Sondezela eshumini eliseduze.

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?



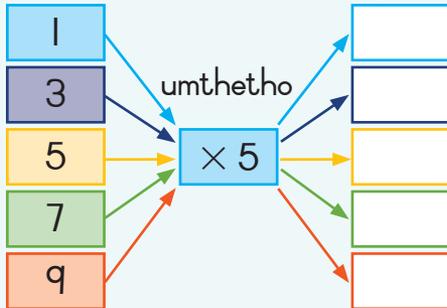
Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_

# Ukuphindaphinda kanye nokuhlukanisa: okuhlalu kuya e-100



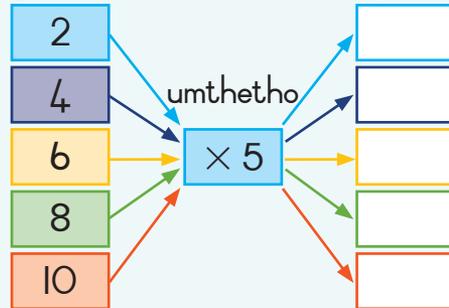
Qedela ishadi lokulandelayo.

okungenisiwe



okukhiqiziwe

okungenisiwe



okukhiqiziwe



Qedela ithebhula elingezansi:

×	1	2	3	4	5	6	7	8	9	10
5										



Bala:

$$12 \times 5$$

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

$$= 50 + 10$$

$$= 60$$

$$11 \times 5$$

$$13 \times 5$$

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

$$= 50 + 15$$

$$= 50 + 10 + 5$$

$$= 65$$

$$13 \times 5$$



$$45 \div 5$$

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

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

$$= 8 + 1$$

$$= 9$$

$$75 \div 5$$

$$48 \div 5$$

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

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

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

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

$$13 \div 5$$

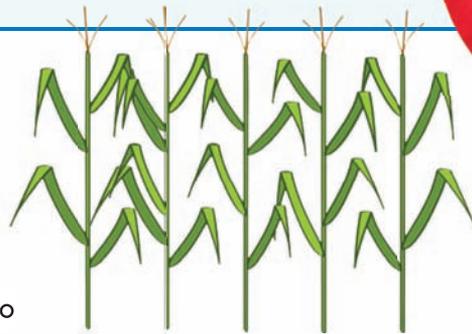


## Xazulula lesi sibalo:

Ingadi yemifino inemigqa eyi-14 yezitshalo.

Umugqa ngamunye unezitshalo ezilinganayo ngobuningi.

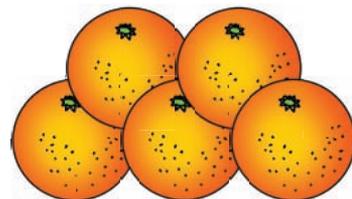
Uma kunesamba sama-70 ezitshalo, zingaki izitshalo ezisemgqeni ngamunye?



UDavide uthengisa amawolintshi ngamahlanu.

Unamawolintshi angama-85.

Uzogwalisa amasaka amangaki?



# Amaphethini ezinombolo: okuhlana kuya e-1 000

Masibale ngakuhlana 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



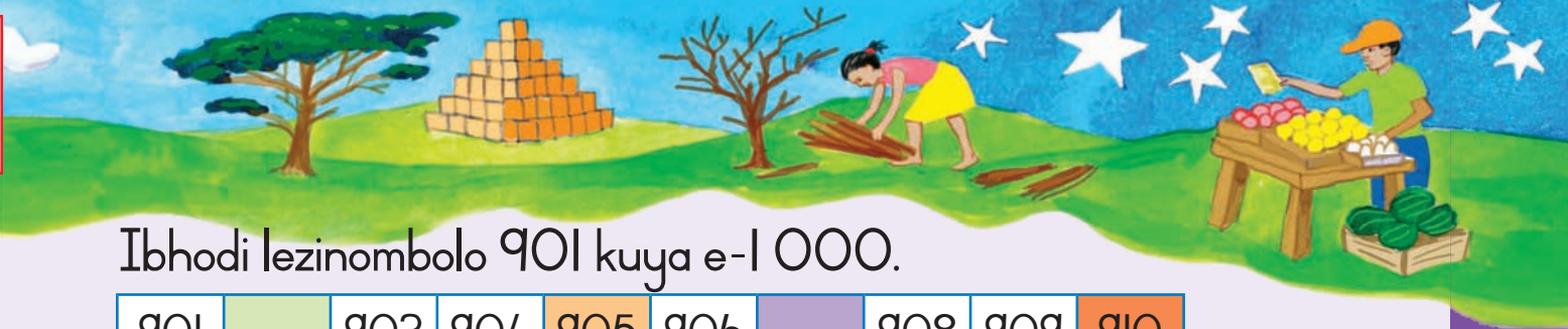
Phethini lini elivezwa yizinombolo ezikokelezwe?

Okukokelezwe ngombala <b>osasibhakabhaka</b> :	Ukubala nga-_____.
Bhala iphethini lalokho:	
Okukokelezwe ngombala <b>obukhwebezana</b> :	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	990
971		973	974	975	976		978	979	990
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, _____	

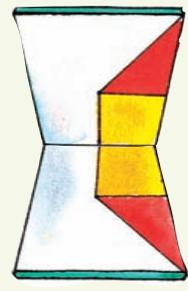


Teacher: \_\_\_\_\_  
 Sign: \_\_\_\_\_  
 Date: \_\_\_\_\_



Uzuko:

Okunye ngokulingana



Isibuko, isibuko.

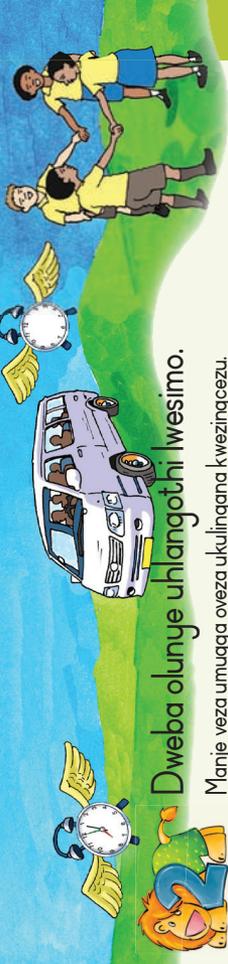
Dlala nomngani nisebenzise isethi eyodwa yamaphazili afana namathajjili (ane-14 lezingcezu) kokuSikwayo kwe-10.

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

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

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

Umdlalo mawuqhubeke zize zisebenze zonke izingcezu.



Dweba olunye uhlangot-hi lwesimo. Manje veza umugqa oveza ukulingana kwezingcezu.



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. $801 + 2 + 2 + 2 =$	h. $815 - 2 =$	i. $846 - 2 - 2 - 2 =$



Udaka:

Ugweje nokungelona ugweje.

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

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

b. Phendula utshi ugweje noma akulona ugweje.

- Hlanganisa izinombolo ezimbili ezilugweje. Uthola inombolo \_\_\_\_\_
- Hlanganisa izinombolo ezingelona ugweje. Uthola inombolo \_\_\_\_\_
- Hlanganisa izinombolo ezintathu ezilugweje. Uthola inombolo \_\_\_\_\_

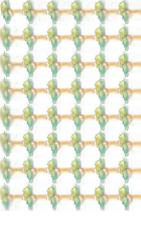
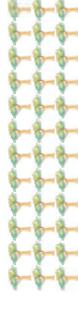
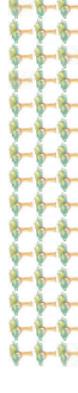


Ukutshala izihlahla.

Lena yindlela egondile yokutshala izihlahla ezingama-48 emiggeni elinganayo.



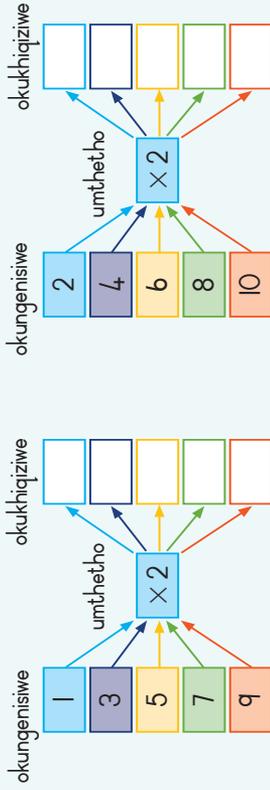
- Sibhala:  $2 \times 24 = 48$  (imigqa emi-2 yezihlahla ezingama-24 = 48) noma  $48 \div 2 = 24$  (izihlahla ezingama-48 emiggeni emi-2 elinganayo zenza izihlahla ezingama-24 emiggeni). Bala imigqa kanye nezihlahla esithombeni ngasinye ngezansi.
- Bhala umusho wezinombolo onophawu  $\times$  kanye nophawu  $\div$  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

Qedela ishadi lokulandelanayo.



Qedela ithebhula elingezansi:

×	1	2	3	4	5	6	7	8	9	10
2										



Bald:

$$12 \times 2$$

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

$$= 20 + 4$$

$$= 24$$

$$18 \times 2$$

$$= (10 + 8) \times 2$$

$$= 20 + 16$$

$$= 20 + 10 + 6$$

$$= 36$$

$$11 \times 2$$

$$22 \times 2$$

$$74 \div 2$$

$$46 \div 2$$

$$= (40 + 6) \div 2$$

$$= (40 \div 2) + (6 \div 2)$$

$$= 20 + 3$$

$$= 23$$

$$75 \div 2$$

$$47 \div 2$$

$$= (40 + 7) \div 2$$

$$= (40 \div 2) + (7 \div 2)$$

$$= 20 + 3 \text{ kusala } 1$$

$$= 23 \text{ kusala } 1$$



Xazulula lesi sibalo:

Ingadi yemifino inemigqa engama-32 yezitshalo.

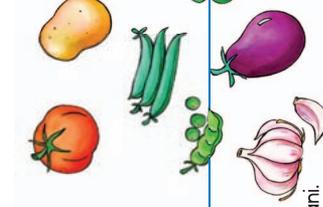
Umugqa ngamunye unezitshalo ezi-2.

Zingaki izitshalo ezikhona engadini?

Ingadi yemifino inemigqa engama-40 yezitshalo.

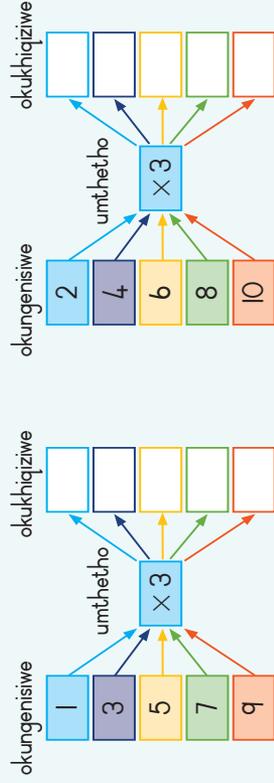
Umugqa ngamunye unezitshalo ezilinganayo ngenani.

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



Ukuphindephinda nokuhlukanisa: okuthathu kuya e-100

Qedela ishadu lokulandelanayo.



Qedela ithebhula elingezansi:

x	1	2	3	4	5	6	7	8	9	10
3										

Bala:

$$12 \times 3 = (10 + 2) \times 3 = 30 + 6 = 36$$

$$17 \times 3 = (10 + 7) \times 3 = 30 + 21 = 30 + 20 + 1 = 51$$

$$63 \div 3 = (60 + 3) \div 3 = (60 \div 3) + (3 \div 3) = 20 + 1 = 21$$

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

$$96 \div 3$$

$$98 \div 3$$



Xazulula lesi sibalo:



UMarlene unamaswidi angama-30.

Amaswidi kaJakobe angaphindwa kashumi kwakaMarlene.

UJakobe unamaswidi amangaki?



Ingadi yemifino inemigqa engama-29 yezitshalo .

Umugga ngamunye unezitshalo ezi-3.

Zingaki izitshalo ezisengadini sezizonke?



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

Ukuku: \_\_\_\_\_

# 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 ezikokelezwe?

Okukokelezwe ngombala <b>ophinki</b> :	Ukubala nga-_____.
Bhala iphethini:	
Okukokelezwe ngombala <b>osats'hani</b> :	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. $880 - 3 - 3 - 3 =$ _____

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 enombolweni edingekayo ebhulokhini elisats'hani.  
Faka umbala obomvu ezikheleni esimhlophe esinezinombolo.  
Phethini lini olibonayo?



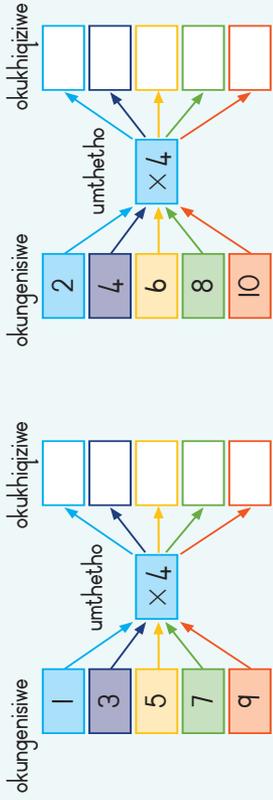
Qedela la maphethini.

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: \_\_\_\_\_

Ukuphindaphinda nokuhlukanisa: okune kuya e-100

Qedela ishadi lokulandelanayo.



Qedela ithebhula elingezansi:

×	1	2	3	4	5	6	7	8	9	10
4										

Bala:

$$12 \times 4 = (10 + 2) \times 4 = 40 + 8 = 48$$

$$13 \times 4 = (10 + 3) \times 4 = 30 + 12 = 30 + 10 + 2 = 52$$

$$48 \div 6 = (40 + 8) \div 4 = (40 \div 4) + (8 \div 4) = 10 + 2 = 12$$

$$45 \div 4 = (40 + 5) \div 4 = (40 \div 4) + (5 \div 4) = 10 + 1 \text{ kusala } 1 = 11 \text{ kusala } 1$$

$$64 \div 4$$

$$49 \div 4$$



Xazulula lesi sibalo:

UTony unamaswidi angama-36.

Udla ama-4 nsuku zonke.

Kuzomthatha izinsuku ezingaki ukuwaqeda?



UDavide uthengisa amaphakethe aqukethe amawolintshi amane linye.

Unamawolintshi angama-88.

Uzogcwalisa amaphakethe amangaki?



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

## 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 <b>osat-shani</b> :	Ukubala nga-_____.
Bhala iphethini lalokho:	
Okukokelezwe ngombala <b>obukhwebezana</b> :	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		903	904	905		907	908	909	
911	912	913		915	916	917		919	920
921		923	924	925		927	928	927	
931	932	933		935	936	937		939	940
941		943	944	945		947	948	949	
951	952	953		955	956	957		959	960
961		963	964	965		967	968	969	
971	972	973		975	976	977		979	980
981	982	983	984	985		987	988	989	
991	992	993		995	996	997		999	1000

Gcwalisa izinombolo ezidingekayo.

Faka umbala osat-shani ezinombolweni ezidingekayo. Faka umbala obomvu ezikheleni ezimhlophe ezinezinombolo. Phethini lini olibonayo?



Gedela 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.	_____



# Izingxenye ezilinganayo zento ephelele

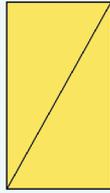
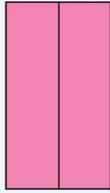


Sika onxande ephepheni elifakwe umbala. (Okokusikwa kwe-II).



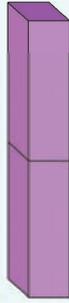
Thola izindlela ezahlukene zokwakha uhhafu.

1. Qoqa iphepha elingunxande ngobude libe wuhhafu. Lisike lapho ligoqoke khona libe wuhhafu. Lezi zingxenye zilingana ncimishi. Ingxenye ngayinye iwuhhafu owodwa ( $\frac{1}{2}$ ) kanxande ekade linguyye.
2. Qoqa elinye iphepha elingunxande libe wuhhafu ovundlile. Lisike libe wuhhafu lapho beligoqoke khona. Lezi zingxenye zilingana ncimishi. Ingxenye ngayinye iwuhhafu owodwa kanxande ekade linguyye.
3. Iyiphi enye indlela engasebenza ukuhlukanisa leli phepha libe zingxenye ezimbili ezilinganayo? Zama lokhu ngephepha kanye nesikele, bese usebenzisa umugqa ngokuthi ulisike lapho ukade ugoqo khona.



# Okunye ngezingxenye ezilinganayo zokuphelele.

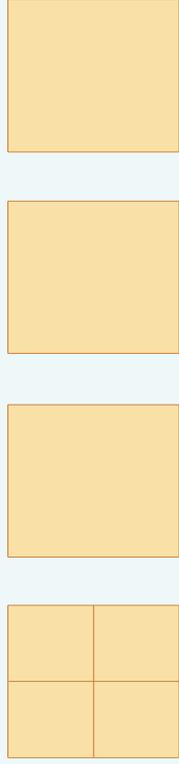
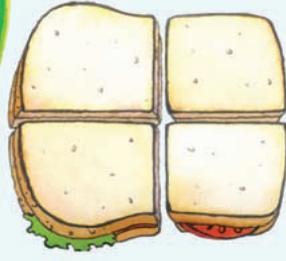
- Uma sihlukanisa into ibe yizingxenye ezi-2 ezilinganayo sizibiza ngawohhafu.
- Uma sihlukanisa into ibe yizingxenye ezi-3 ezilinganayo sizibiza ngokwesithathu.
- Uma sihlukanisa into ibe yizingxenye ezi-4 ezilinganayo sizibiza ngokwesine.
- Uma sihlukanisa into ibe yizingxenye ezi-5 ezilinganayo sizibiza ngokwesihlanu.



# Isendwishi lokudliwa emini.



UThabo ndbangani aba-3 benze amasendwishi amaningji 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 ukukhombisa amakota noma okwesine.

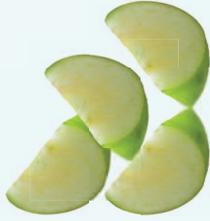
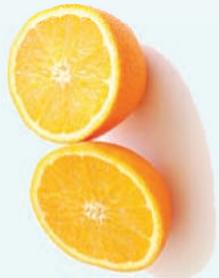
Hloal  
Qhat,hanisal  
Lungisal

Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

## Izibalo zamaqhezu



Xoxa ngamaqhezu nomunye wabangani.



Xazulula lesi sibalo ngokuphendula imibuzo nokwenza imidwebo.

a. Umqeqeshi webhola lomphebezo upha abadlali uhhafu wewolintshi. Kunabadlali abayji-14.

Udinga amawolintshi amangaki esewonke? \_\_\_\_\_

Uthini umbuzo? \_\_\_\_\_

Yiziphi izinombolo noma amaqhezu akhona kulesi sibalo? \_\_\_\_\_

Yiliphi igama elibalulekile? \_\_\_\_\_

Dweba isithombe. \_\_\_\_\_

Igama elibalulekile yilo elizongenza ngkhethe indlela enhle engizoyisebenzisa..



Itihini impendulo? \_\_\_\_\_

b. Umama uphe mina nabangani bami abayji-11 iikota le-aphhula ngamunye.

Udinga ukuba nama-aphhula amangaki empeleni? \_\_\_\_\_

Yiziphi izinombolo ezikhona noma amaqhezu akhona kulesi sibalo? \_\_\_\_\_

Yiliphi igama elibalulekile? \_\_\_\_\_

Dweba isithombe. \_\_\_\_\_



Itihini impendulo? \_\_\_\_\_

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

Bathengise izingcezu zekhekhe kubantu abangama-24.

Bathengise amakhekhe amangaki? \_\_\_\_\_

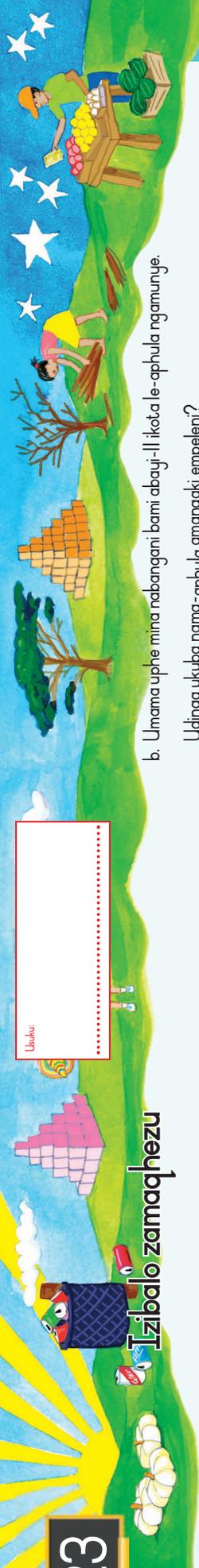
Yiziphi izinombolo ezikhona noma amaqhezu akhona kulesi sibalo? \_\_\_\_\_

Yiliphi igama elibalulekile? \_\_\_\_\_

Dweba isithombe. \_\_\_\_\_



Itihini impendulo? \_\_\_\_\_



### Izinto ezivohlangothi-ntathu



Buka isithombe.

Yikuphi kwalokhu okwakheke kwaba ngamabhola, amasilinda noma amabhokisi?

<p>A</p>	<p>B</p>	<p>C</p>
----------	----------	----------



Thola izithombe ezimbili zalokhu uzinamathisele lapha ngezansi.

--	--



Dweba umugga ngaphansi kwependulo efanele.

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

Ukuku: \_\_\_\_\_



### Okuqondile nokugobile.

Ezinye izinto zakheke zaba ujisicaba. Ezinye zigobile.

<p><b>Isilinda</b> linamacala amabili ayisicaba nelilodwa eligobile.</p>	<p><b>Ikhoni</b> linecala elilodwa eli ujisicaba nelilodwa eligobile.</p>	<p><b>Indilinga</b> igobile kuzo zonke izinhlangathi zayo.</p>
--	---	--



### Ukugingqika.

Yenza sengathi uqayibona indilinga, ikhowuni noma isiyingi kugingqika.

Kulezi ezintathu izinto, iyiphi:

	a. Engeke igingqike iye kude?
	b. Engagingqika iqonde ingagobi?
	c. Engagingqika iye noma yikuphi?



### Yini inethi?

Into eyakheke ngendlela yakuthi ungayigqqa wakhe into ephathekayo, ibizwa ngenethi.

A

B

Bhala izinombolo ezinohlamvu lwenethi olusongeka lwakhe ikhowuni. \_\_\_\_\_

Bhala izinombolo ezinohlamvu lwenethi olusongeka lwakhe isilinda. \_\_\_\_\_





Ubusu

### Amanye amaqhezu

Nikeza amagama amaqhezu.

Bhala iqhezu elimele izithombe ezingezansi.

<p>a. Kuyiqhezu elingakanani okunombala obomvu?</p>	<p>b. Kuyiqhezu elingakanani okunombala osatshani?</p>
<p>c. Kuyiqhezu elingakanani okunombala osasibhakabhaka?</p>	<p>d. Kuyiqhezu elingakanani okunombala ophuzi?</p>



### Ipendulo nemibuzo.

- USizwe unezingcezu zikashokoleli ezine. Uphu umngani wakhe ucezu olulodwa. Liqhezu lini likashokoleli asele nalo? \_\_\_\_\_
- UYasmin unamawolintshi amabili. Uphu uMimi elilodwa. Usele naqhezu lini? \_\_\_\_\_
- UMariya uthenga oshokoleli aba-5. Uzibekela o-1. Uphu uMohamed ababili, upha umfowabo oshokoleli ababili futhi. Usele neqhezu elingakanani yena kowakhe? \_\_\_\_\_



Udonga emaqhezweni.

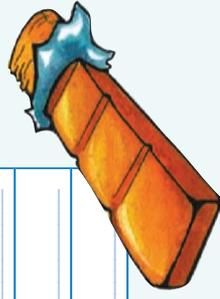
Umugqa owodwa uhlukaniseke izingxenye ezimbili ezilinganayo. Phansi kuhlukaniseke amaqhezu okweshumi nambili ( $\frac{1}{10}$ ).

Lebula eminye imigqa ngamaqhezu afanele.

Sebenzisa umphetho oqondile wephepha ukuthola amaqhezu dlinganayo, lokho kuzokusiza ukuphendula le mibuzo

Hold!  
Ohat'hanisa!  
Lungisa!

a. uhhafu owodwa $\frac{1}{2}$	_____
b. okukodwa okuphelele (1)	_____
c. amakota amat'hat'hu $\frac{3}{4}$	_____



Teacher: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Date: \_\_\_\_\_

## Ukubeka amaqoqo nokwabelana



Ukubala ngokushesha.

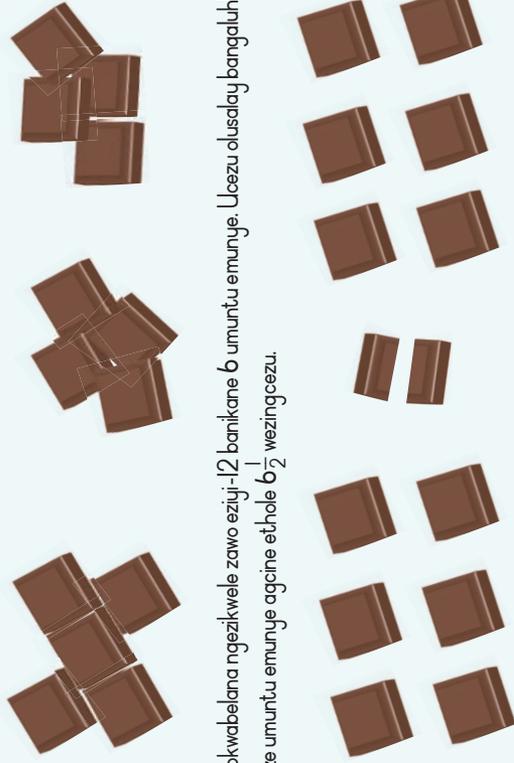
Thola lapho kuxhumana khona lokhu.

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



Kusalani.

OJabu noLebu bafuna ukwabelana ngoshokoleli oyi-13. Bathola omngaki ngamunye?



Bazokwabelana ngezizwele zawo eziji-12 banikane 6 umuntu emunye. Ucezu olusalay bangaluhlephula ukuze umuntu emunye agcine ethole  $6\frac{1}{2}$  wezingcezu.



- a. Emcimbini bekunamaswidi angama-25 okudingeke abelwe izingane ezi-10. Abela lezo zingane. Dweba izit'hombe, zizokusiza.



Umuntu ngamunye uthola \_\_\_\_\_ wamabhande.

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

Umuntu ngamunye uthola \_\_\_\_\_ wamabhande.

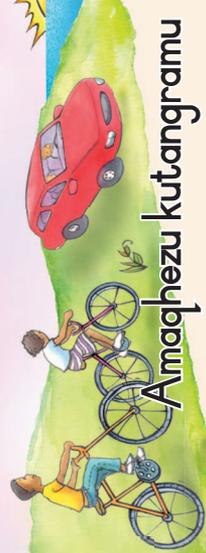
- c. Aba ama-48 amabhande wabele abantwana aba-5.

Umuntu ngamunye uthola \_\_\_\_\_ wamabhande.

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

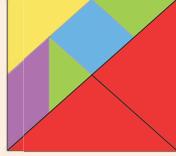
Umuntu ngamunye uthola \_\_\_\_\_ wamabhande.



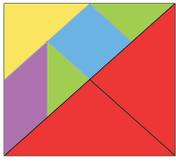
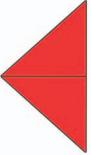


## Amagqhezu kutangramu

I-Tangramu yiphazili elidala lase-China elakhiwe ngemimo eujisi-7 ebizwa ngeTangram, yonke imimo ibekwa ndawonye ukuze yakhe izakhiwo ezahlukahlukeno.



### Amagqhezu kutangramu.

	Hlolisa iphazili le-tangramu. Liqhezu lini lokuphelele okuvisikwele abajolo 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 isikweleni esincane. Qhezu lini esikweleni sisonke elakhiwa yisikweleni esincane (Kusasibhakhakhaka esithombeni)?	_____
	Faka onxantathu abancane ababili ndawonye wakhe ipharalelogramu. Qhezu lini esikweleni sisonke (itangramu) elakhiwa yipharalelogramu?	_____



### Ukusetshenziswa kwetangramu.

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

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



## Umdlalo wamaqhezu okwabelana ngokuyikho.



Dlala nabadlali aba-4-8 nisebenzise izingcezu zetangramu.

1. Abadlali bayadadelana ekubeni ngabaphathhi bokuthengiselana.
2. Umphathhi wokuthengiselana nguyena onqumayo ukuthi jimphi umdlali okumele afake inani elithile letangramu esethini.
3. Umdlali ngamunye uyagqela ukuthi uhlamvu luzoveza ikhanda noma cha yini uma luphonswa, umhlwebi bese eluphonsa phansi.
4. Umphathhi wohwebelwano wabelana okusesethini ngokulinganayo nalabo abaqoqele bashaya khona. (Angazithola esethengisa oludwa ucezu kumbe ngaphezulu ukuze athole izingcezu ezibiza ngakufanayo nanazo.)
5. Okusele okungeke kwabelwane ngakho kusata esikhwameni kulindlele ukusetshenziswa ngethuba elizayo.
6. Bonke abadlali bayaqiniseka ukuthi ukwabelana kufanele ngokuyikho.
7. Uma umdlali ethola iphutha, ophethe uhlawuliswa e-1kuya kwezi-8 kwesikweleni sonke; leyo nhlawulo ithathwe wumdlali wokuqala othole iphutha.
8. Umdlali ongenazo izingcezu angasale esethatha okusele esikhwameni.
9. Umdlalo uyagqhubeka lize ihlandla lokuba ngumphathhi lifinyelele kubo bonke abadlali.



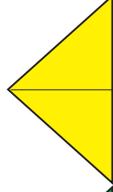
Bonke abedlala kumele bafake ikota elilodwa letangramu esikhwameni.



Mina ngizezifaka kunxantathu owodwa omkhulu.



Izingxenye ezimbili zokwesishiyoqalombili zakha ikota elilodwa. Loko ngingokufaka esikweleni kanye nakuparalelogramu.

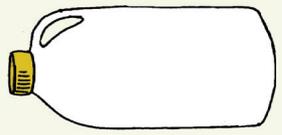




### Ukukala umthamo



Sebenzisa ibhodlela leplastiki kanye enkomishi.



Inkomishi (250 ml)



Zingaki izinkomishi ezingqwalisa lesi siqakathi?

Akudingeki ukuthi uvasho amalitha kumbe amamilititha. Cagula amagama athi 'inkomishi' nelithi 'ibhodlela'.

Isiqakathi esilingana lit ha ellodwa

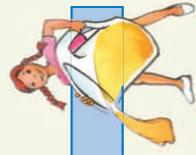


### Akha ilitha.

Thola indlela ongafinyelela ngayo elitheni ellodwa 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)

NUMusho wezinombolo: \_\_\_\_\_ = 1000 ml (1 l)

Umusho wezinombolo: \_\_\_\_\_ = 1000 ml (1 l)

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

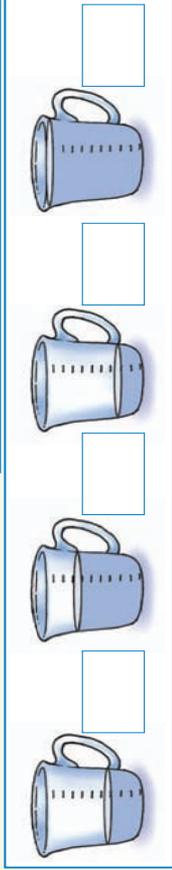


### Ungakanani umthamo wenkomishi uma igcwalisiwe?



Isipuni senza inkomishi iqukathe ukugcina ezengeni lokuqala.

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

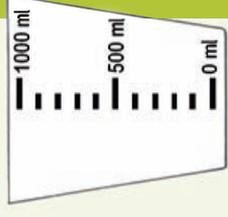


### Sikala uketshezi oluncane ngamamilititha (ml).

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

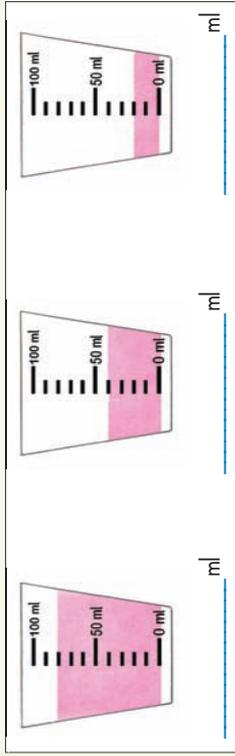
Izinto ezithe ukuba ningana sizikala ngamalitha (l).

Elitheni ellodwa kunamamilititha ayinkulungwane (1000).



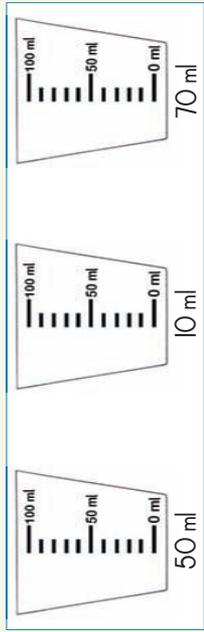
### Lolu ketshezi lungakanani?

Mangaki ama-ml aquket hwe nguyeke ngamunye?



### Lolu ketshezi lungakanani?

Hlikihla izinkomishi zokukala imithi ukukhombisa ukuthi ziqukethe kangakanani.



## Kala uthele

### Emdlalweni.

Uma kufikwa kuhhafa wesikhathi umdlali uphuza  $\frac{1}{4}$  welitha lejus.

a. Bangaki abadlali abakwazi ukhlanganuyela?

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

b. Ingakanani ijusi abayidingela?

8 wabadlali \_\_\_\_\_ 9 wabadlali \_\_\_\_\_ 12 wabadlali \_\_\_\_\_

### Amalitha namamilitha (ml).

I litha = 1 000 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.



Umfundisi: \_\_\_\_\_

## Ibha kaBongi yejus.

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

Bala ukuthi uBongi usebenzisa yusini namanzi okungakanani kojike bakajusi abayisi-5.

Ojike	1	2	3	4	5
Izinkomishi zakajusi					
Izinkomishi zamanzi	2				

## Yenza ilitha.

--	--	--	--	--

Ulinga ezingaki iziqatshi ngayinye ukwenza ilitha?

a. \_\_\_\_\_  $\times$  100 ml b. \_\_\_\_\_  $\times$  200 ml c. \_\_\_\_\_  $\times$  250 ml

e. \_\_\_\_\_  $\times$  500 ml f. \_\_\_\_\_  $\times$  50 ml

## Ngemva kocimbi.



Hloba Qhathanisal Lungisa!

Umcimbi kaThandi sewuphelile. Kukhona iziphuzo ezisele.

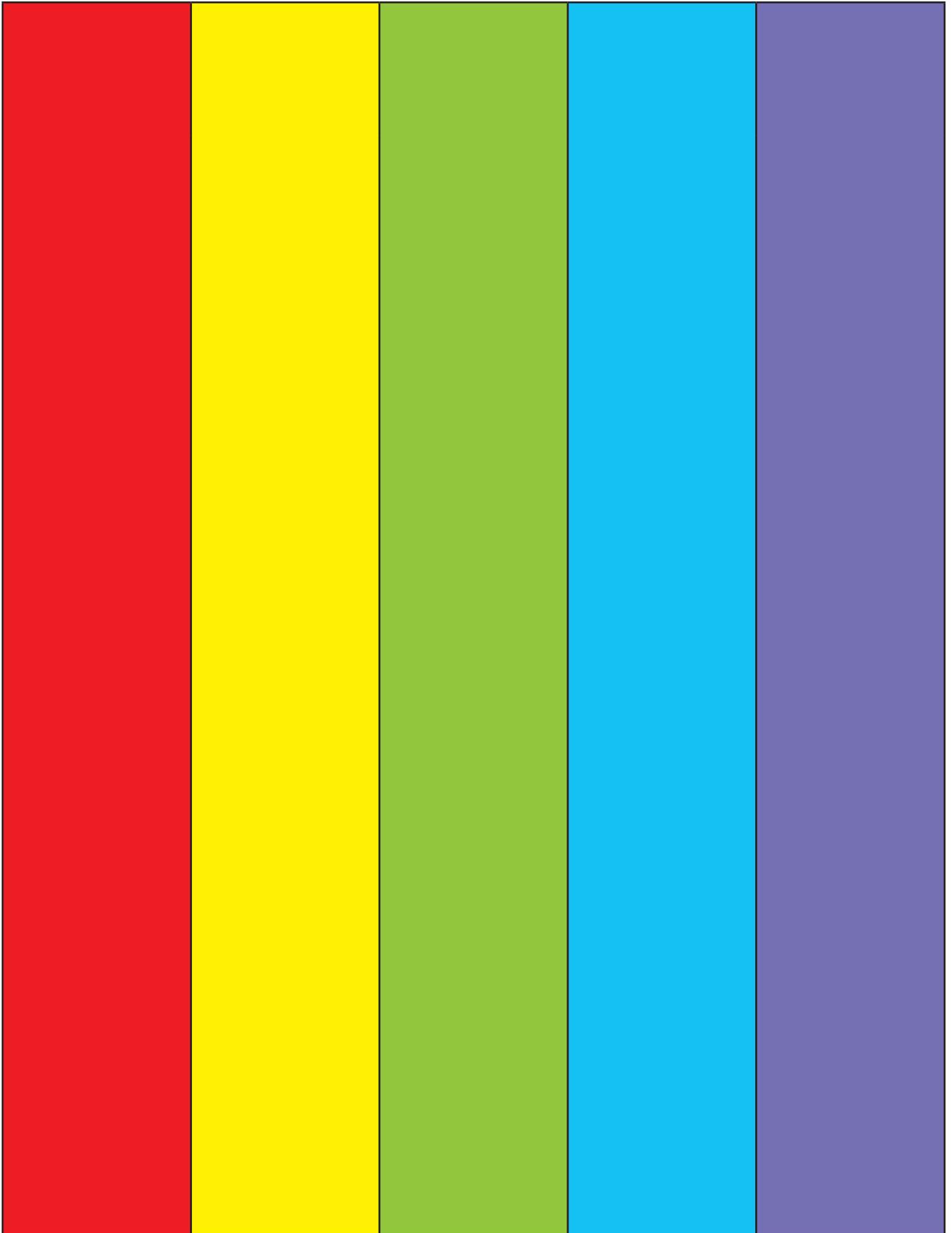
Kusele yusini ophuzi ongakanani? \_\_\_\_\_

Kusele yusini obukhwebezane ongakanani? \_\_\_\_\_

UThandi uxuba ojusi bobabili. \_\_\_\_\_

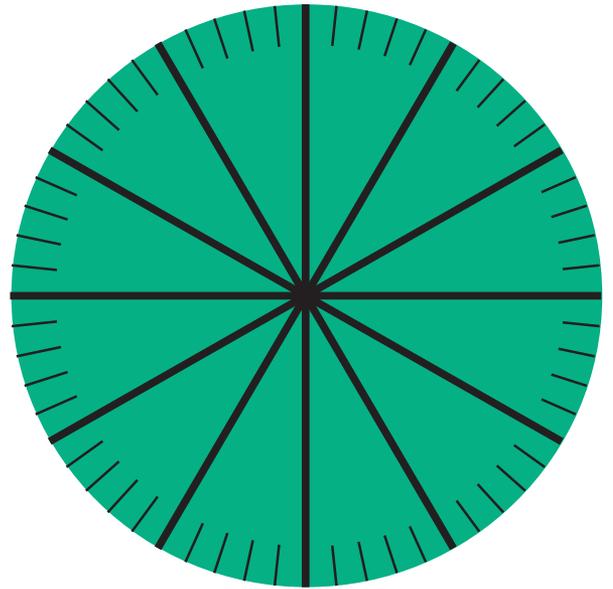
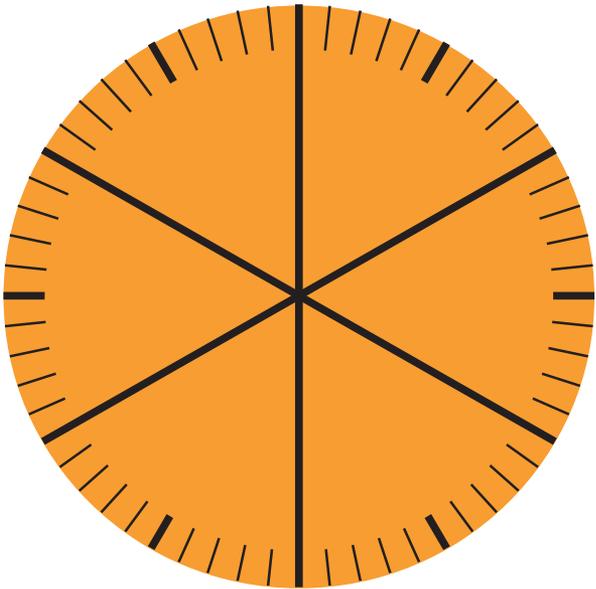
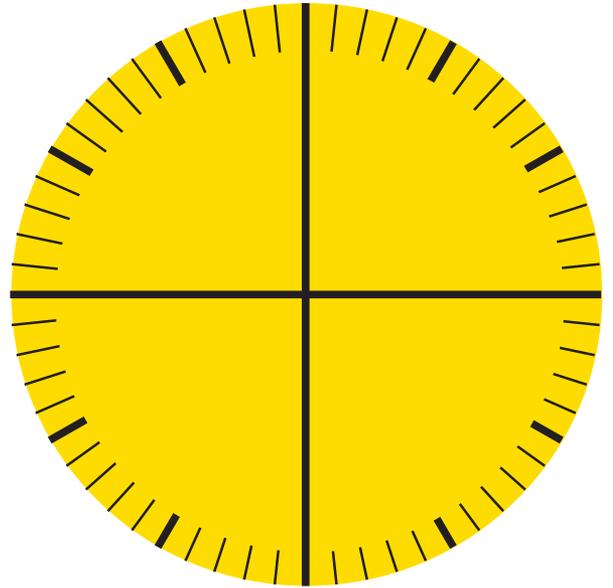
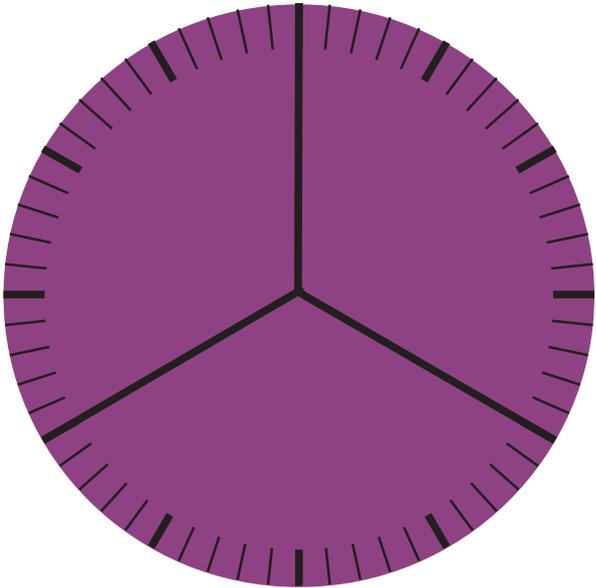
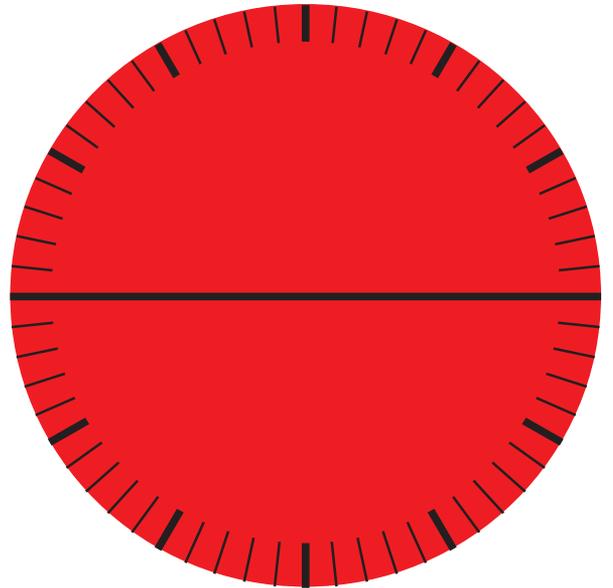
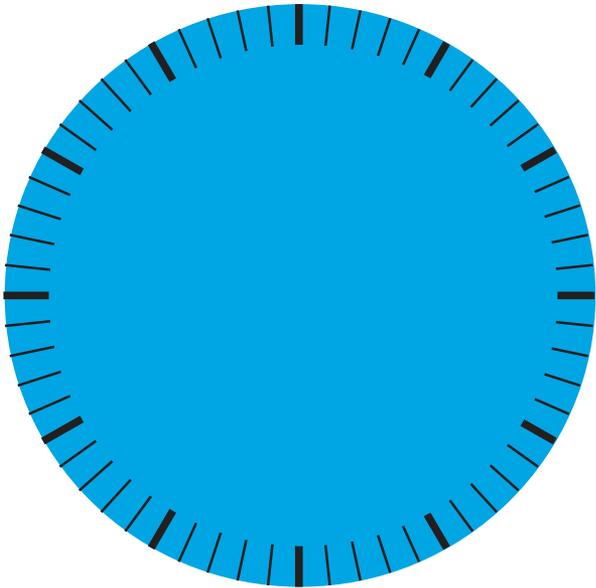
Angagwalisa ojike abangaki? \_\_\_\_\_

# Okokusikwa kwesi -5



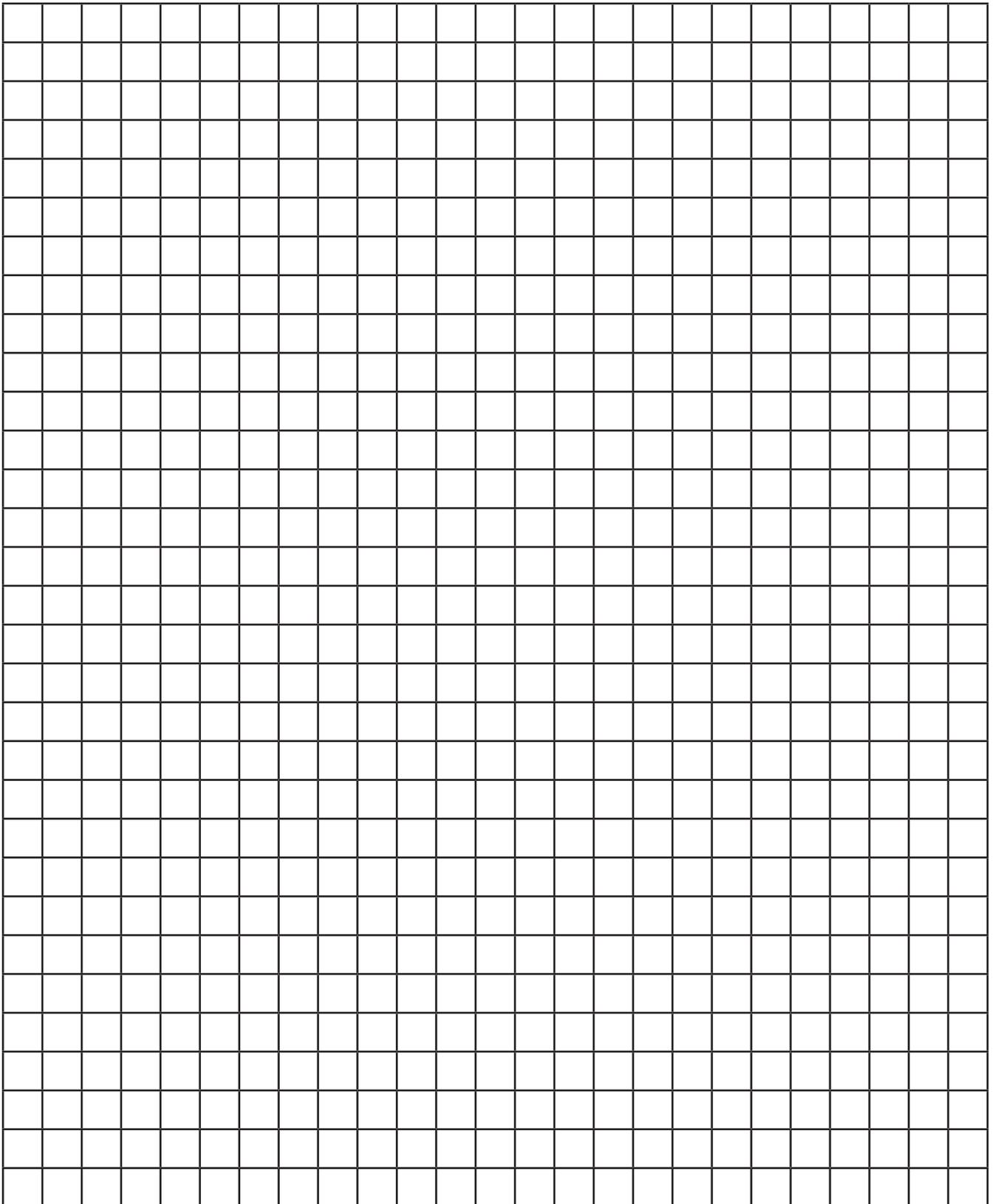


# Okokusikwa kwesi-6





# Okokusikwa kwesi-7





# Okokusikwa kwesi-8

Ic	
IOc	
RIc	
RIOc	
RIOOs	



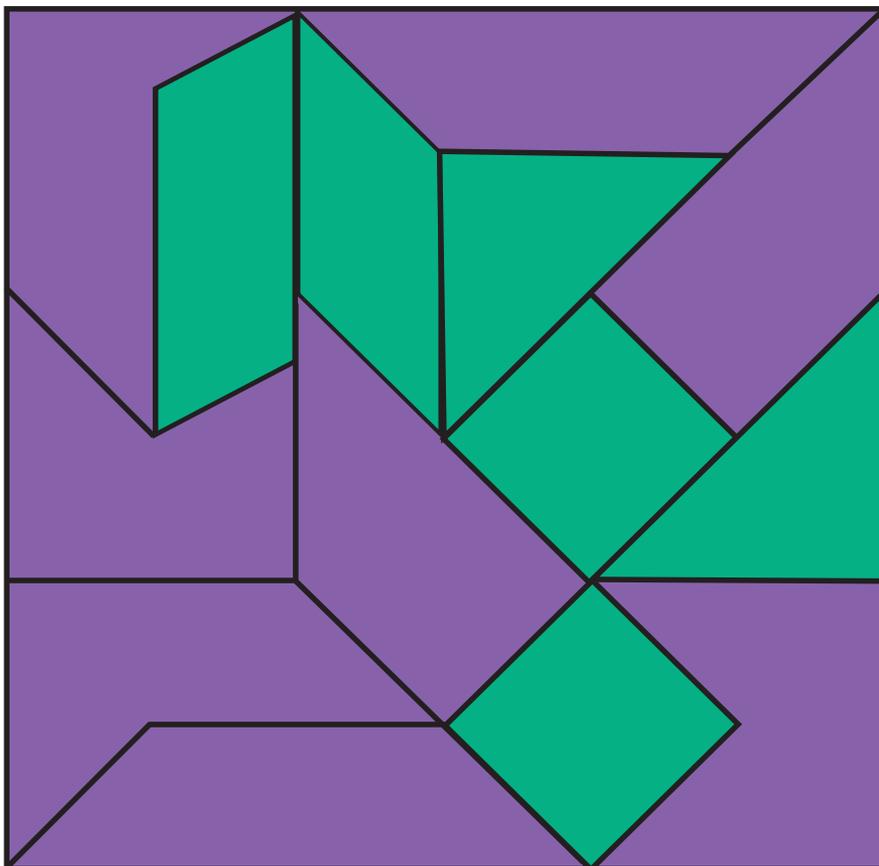
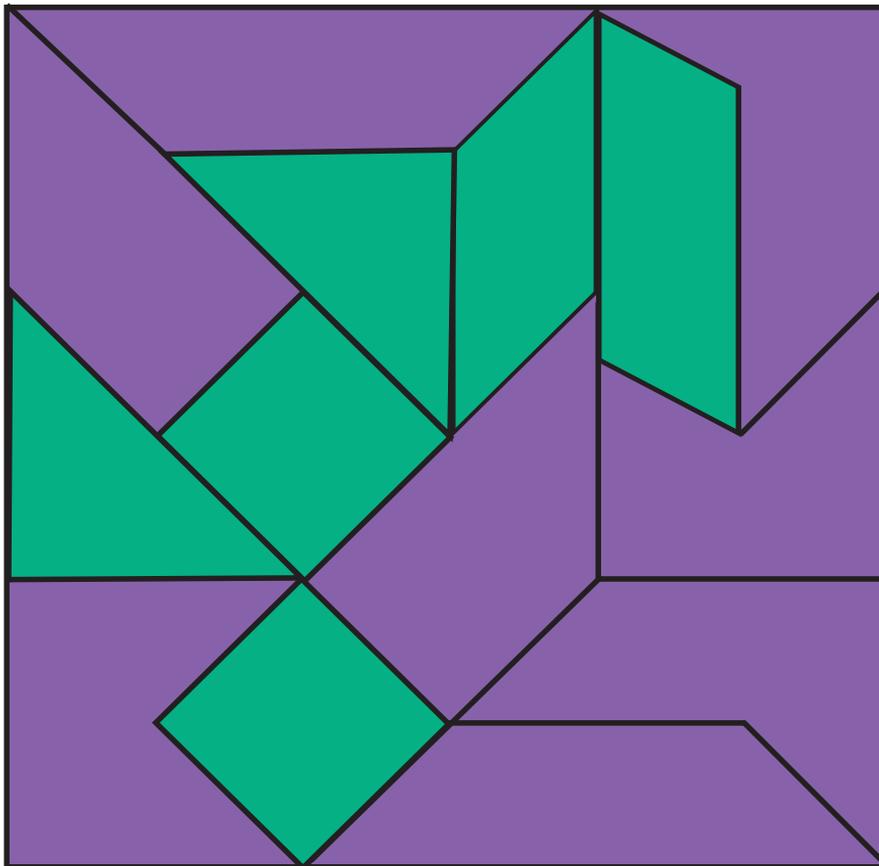
# Okokusikwa kwesi-9

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							
IOc							
IOc							
lc							
lc							

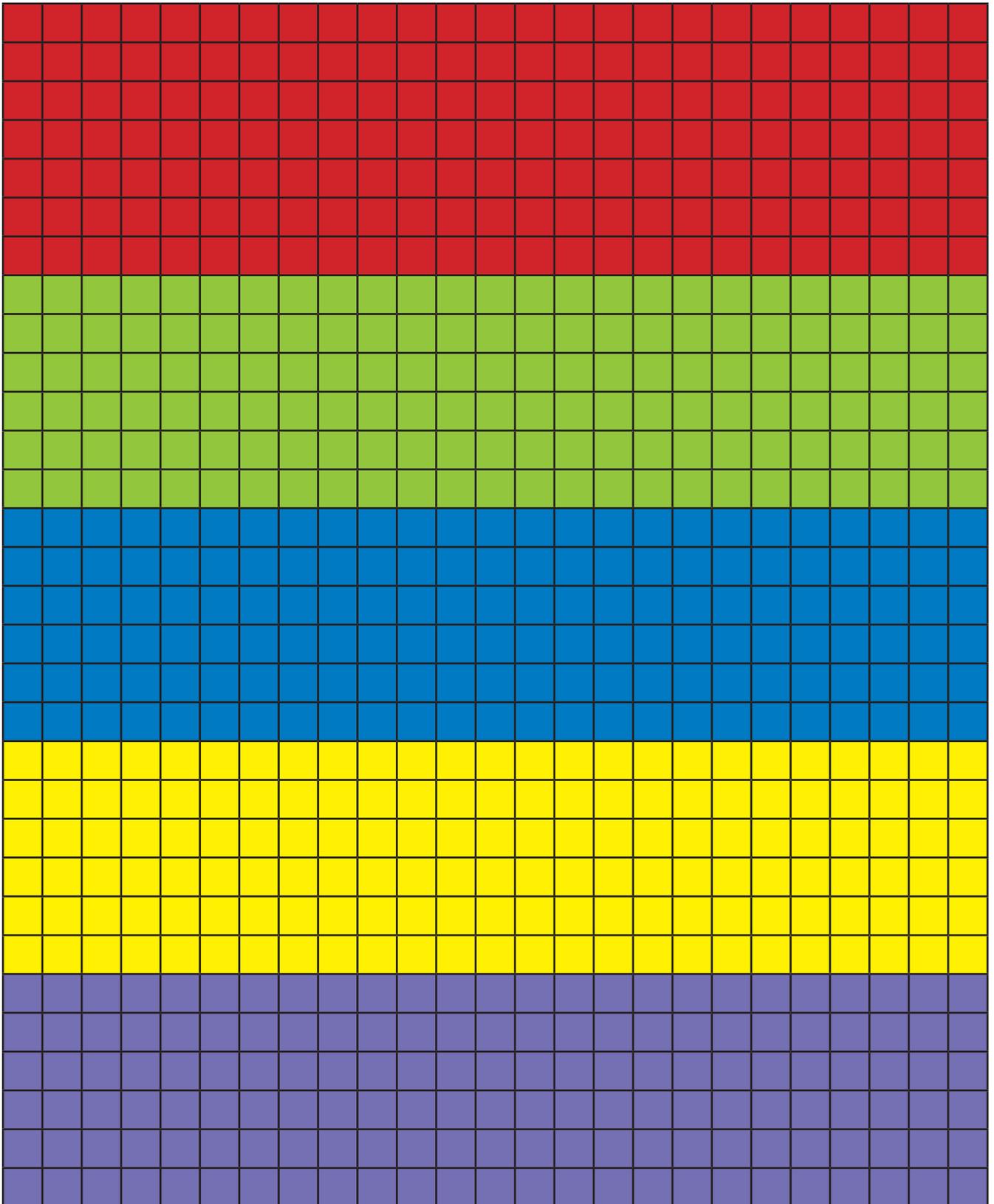


# Okokusikwa kwesi-10





# Cut-out II





# Cut-out 12

