

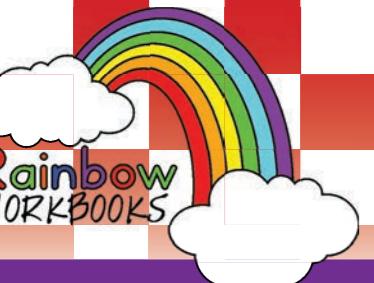


UNkk Angie Motshekga,
uNgqongqoshe weMfundu
eyiSesekelo



UMnu Enver Surty, iSekela
loMnyango weMfundu
eyiSesekelo

ISBN 978-1-4315-0150-2



**MATHEMATICS IN ISIZULU
GRADE 3 – BOOK 2
TERMS 3 & 4**
ISBN 978-1-4315-0150-2
**THIS BOOK MAY
NOT BE SOLD.**

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

Lezi zincwadi ezibizwa ngeRainbow Workbooks ziyingxene yeMnyango weMfundu eyiSesekelo lapho uMnyango uzama khona ukungenelela ukuze kuthuthukiswe imfundu yabantwana bamabanga asuka kwelokuqala kuya kwelesithupha eNingizimu Afrika. UMyango weZimali uxhase lo mkhankaso kaHulumeni njengento yokuqala uHulumeni azibekelé yona ukuthi ayisukumele. Uxhaso loMnyango weZimali lusize uMnyango wezeMfundu 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 izithorjana (ama-icon) emisebenzini yokwenziwa ukuze uthisha akuthole kulula ukuyilandela nokuqonda ukuthi umfundu yini alindeleka ukuyenza.

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

Sifisela wena nomfundu omfundisayo impumelelo ngenkathi usebenzisa lezi zincwadi.



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IZIBALO NGESIZULU – Ibanga lesi -3 Incwadi yesi -2

ISBN 978-1-4315-0150-2



Ibuyekeziwe –
Ihambisana
ne-CAPS

Ibanga
lesi-

**IZIBALO
NGESIZULU**

Incwadi yesi-2
Ithemu 3 & 4



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

Isihlalo sabakhubazekile



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X

Ithebhula lokuphindaphinda

		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

$$2 \times 2 = 4$$

Ibanga lesi- **3**



i z i b a l o

A series of six colorful, tilted rectangular boxes spelling out the word "izi balo". The letters are: 'i' (orange), 'z' (red), 'i' (blue), 'b' (yellow), 'a' (green), and 'l o' (purple and orange).

Le ncwadi ngeka-:



TSIZILU

Incwadi
yesi-

2



Bala bese ubhala.

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

Phimisela izinombolo ngenkathi ubhala.

500



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 eziyisi-8 ezilandelayo ezinephethini loku-2.

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

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

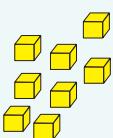
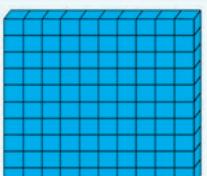
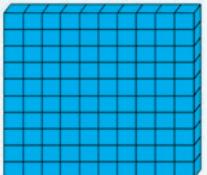
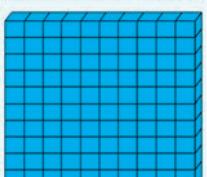
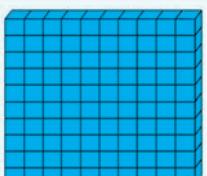
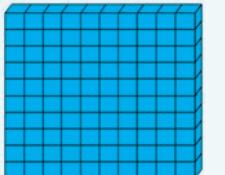
548; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; 570

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

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



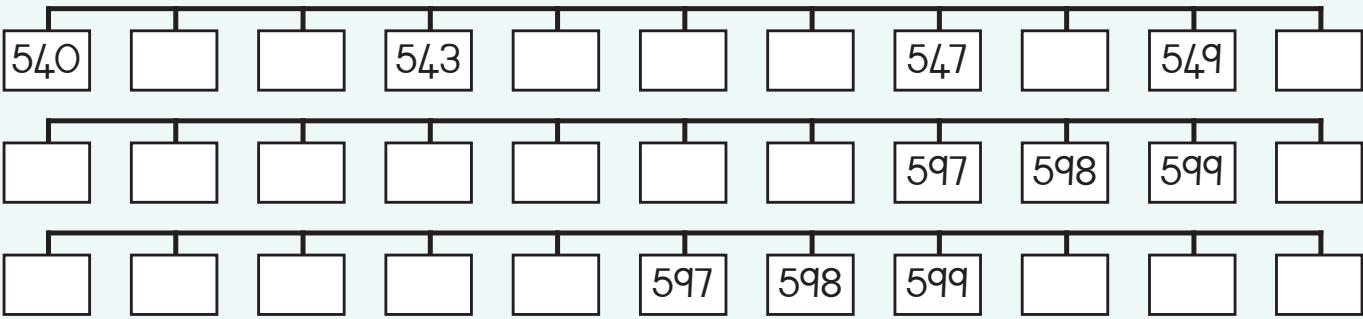
Bala uthole ukuthi amabhulokhi mangaki?



Uwabale kanjani amabhulokhi?



Qedela lo mugqa wezinombolo.



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.

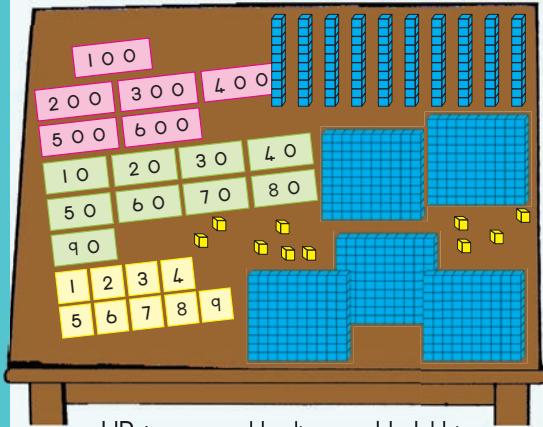
520



bb

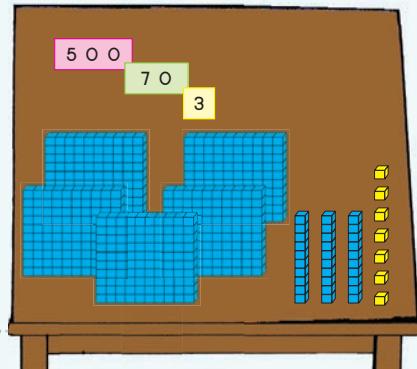
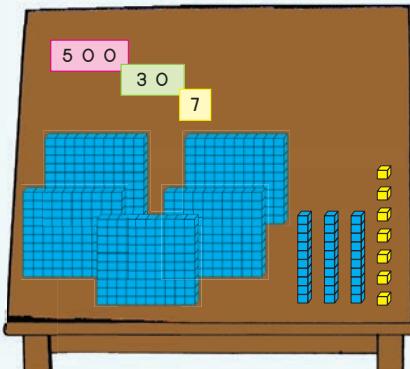
Ezinye izinombolo ezisukela ema-500 ziya ema-600

Ithemu 3



Uthisha ucela uPetru aveze inani lama-537 ngamakhadi namabhulokhi.

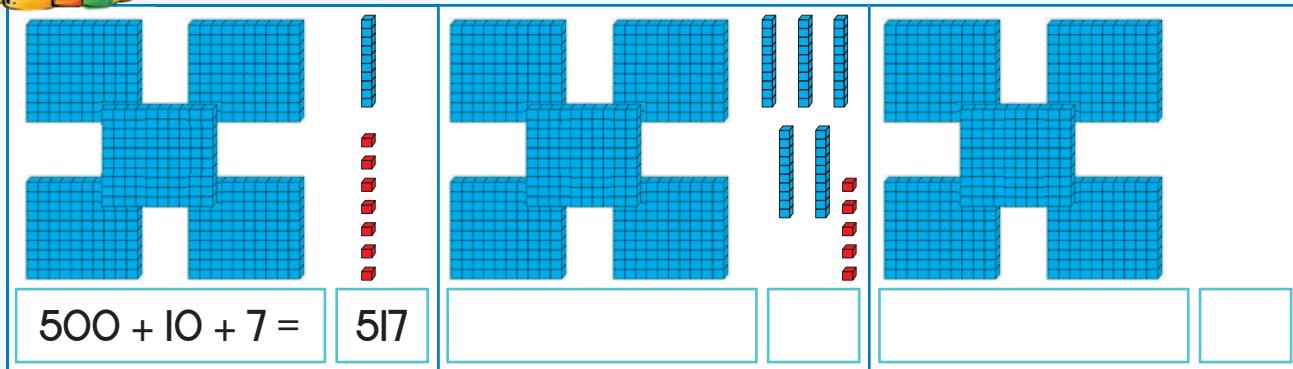
U-Aakar uveze lokku.
Yini angayenzanga kahle?



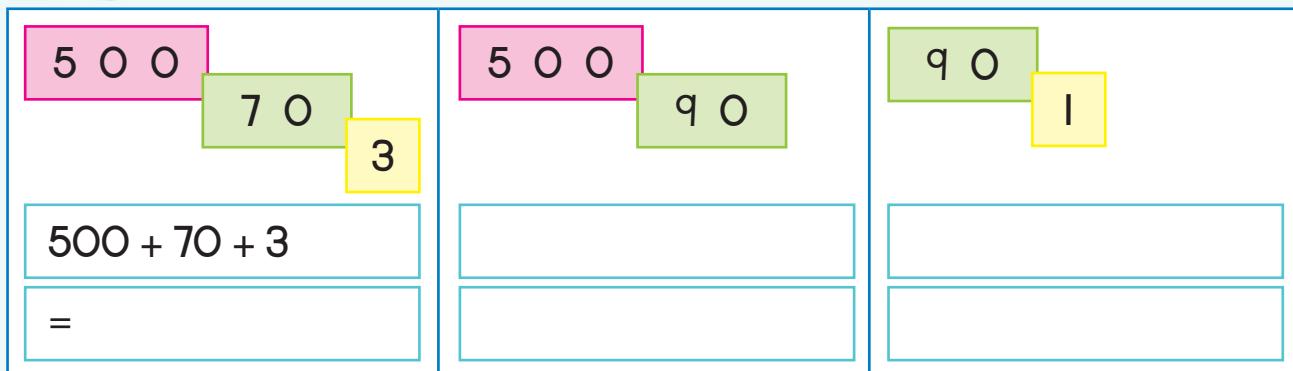
UPetru unamakhadi anamabhulokhi
ezinombolo ezingamashumi.



Bhala umusho wezinombolo bese unikeza impendulo.



Bhala umusho wezinombolo bese unikeza impendulo.





Qedela umugqa wezinombolo.

550 551 552 560

Bhala zonke izinombolo ezingaphansi kwama-556. _____

Bhala zonke izinombolo ezingaphezulu kwama-556. _____

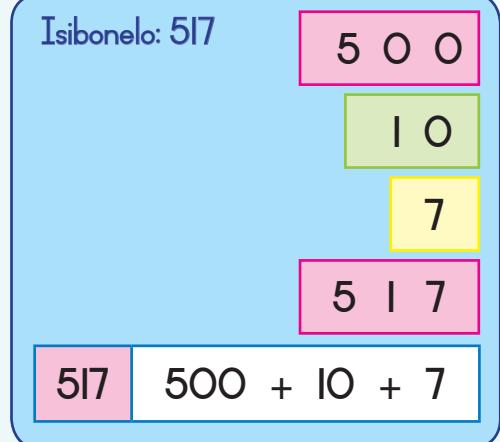


Hlahlela inombolo yakho.

- a. Yakha inombolo ngayinye ngamakhadi.
- b. Bhala izinombolo ezimele idijithi ngalinye.

495	
508	
594	
549	
602	

Kunamadjithi alishumi.
0123456789
Siwabeka ndawonye sakhe ngawo izinombolo.



Bhala izinombolo ngamagama.

221	
486	
369	
419	
491	



67

Izinombolo ezisuka

ema-600 ziya ema-700

Usuku:

Ithemu 3



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	
			695						700
692									

- b. Bhala izinombolo ezidingekayo kule gridi engenhla.
c. Bhala izinombolo eziyi-10 ezitholakala ngale kwama-600.

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

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

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

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

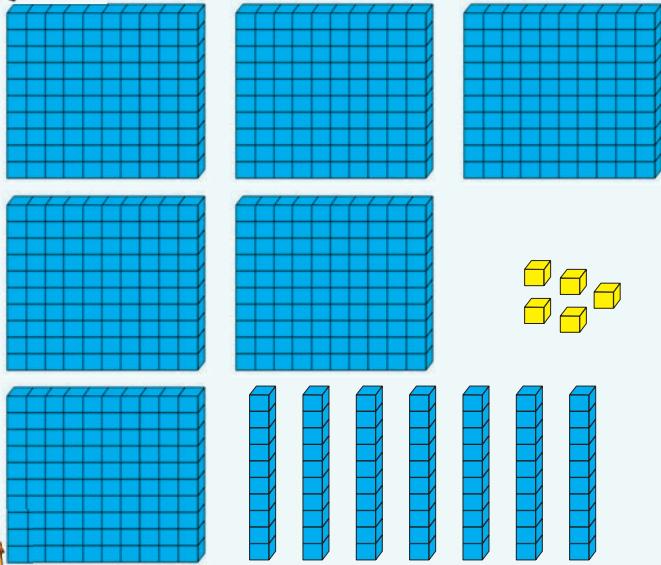
611; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; 633

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

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



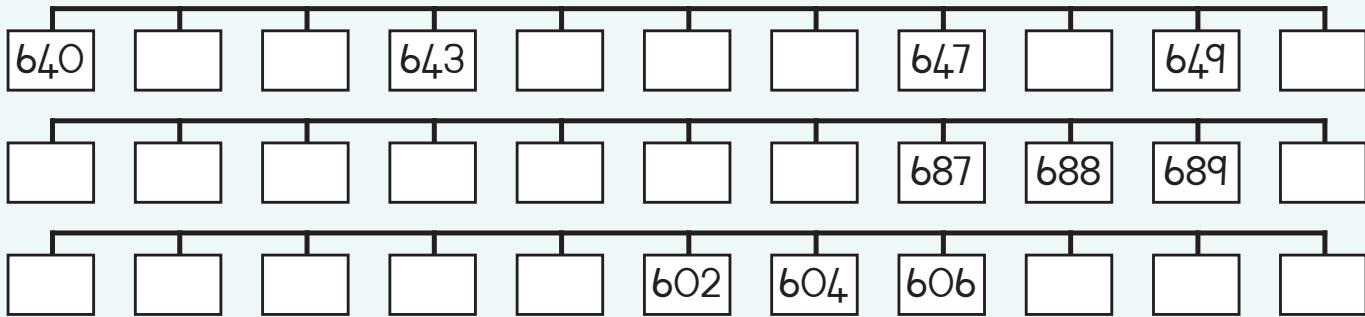
Bala uthole ukuthi amabhulokhi mangaki?



Uwabale kanjani amabhulokhi?



Qedela lo mugqa wezinombolo.



Qedela leli
thebhula.

Bhala uqale ngezincane
ugcine ngezinkulu

Bhala uqale ngezinkulu
ugcine ngezincane

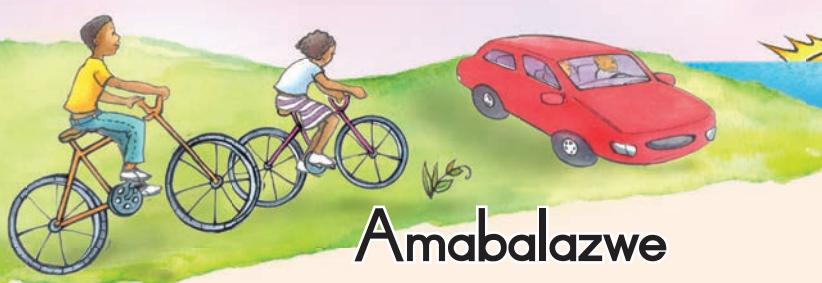
672, 676, 674, 671, 675		
656, 605, 650, 615, 605		



Bhala izinombolo ezilandelayo ngamagama.

631

Teacher:
Sign:
Date:

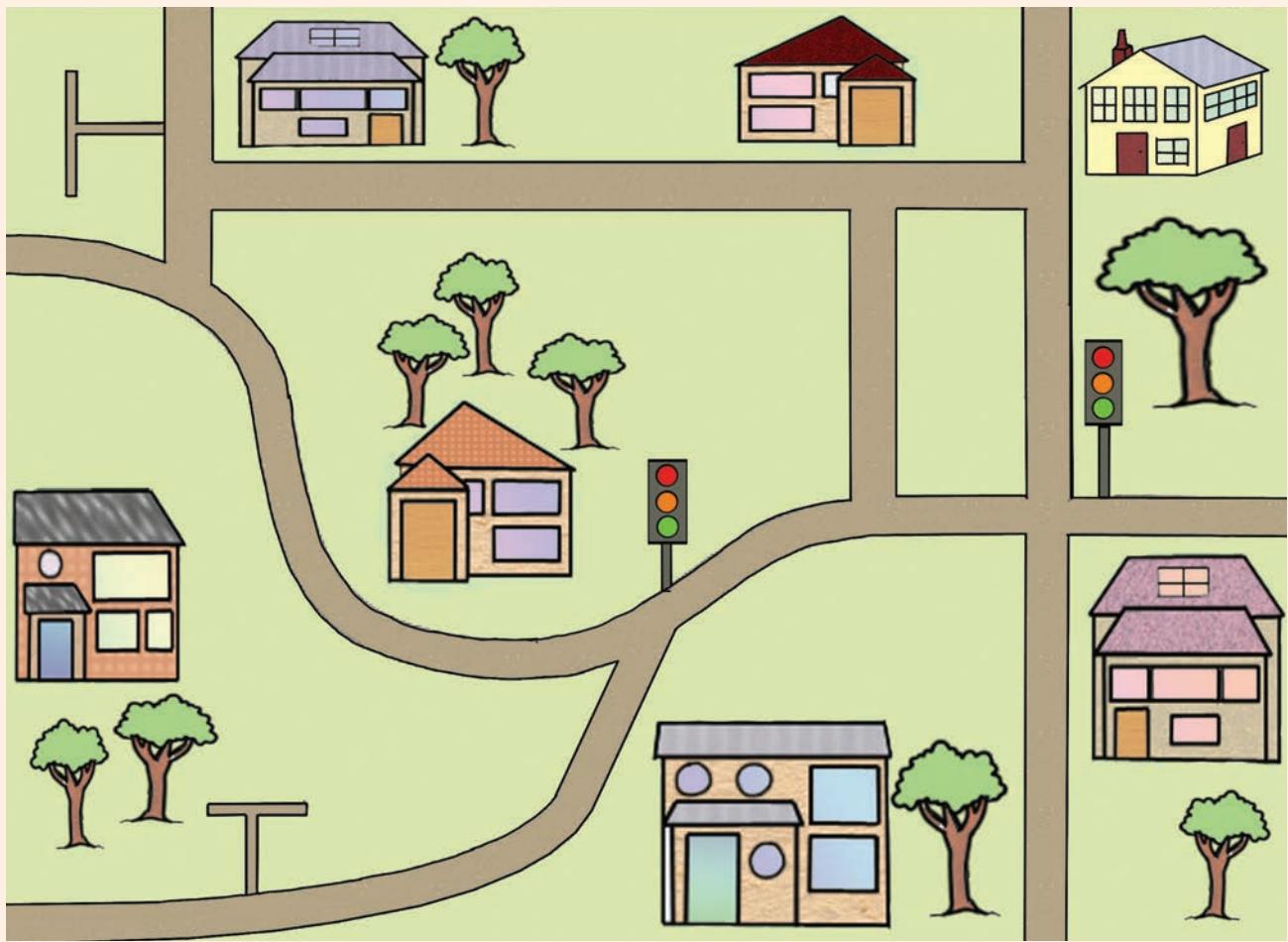


Usuku:

Amabalazwe

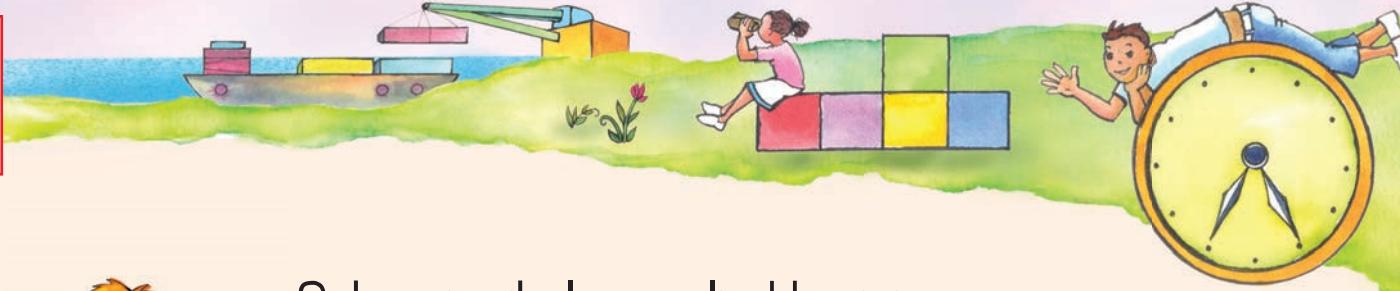
Buka isithombe.

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



Dweba lokhu ebalazweni elingezi:

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.

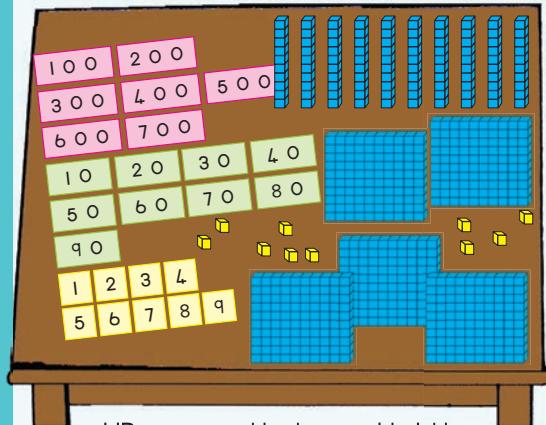


69

Okunye ngezinombolo ama-600 kuya ema-700

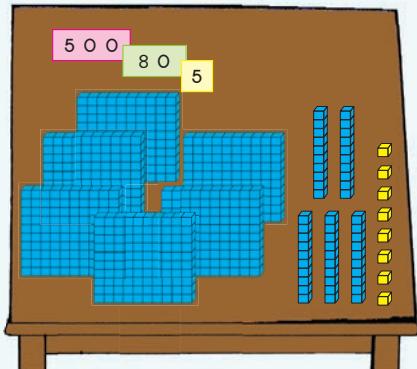
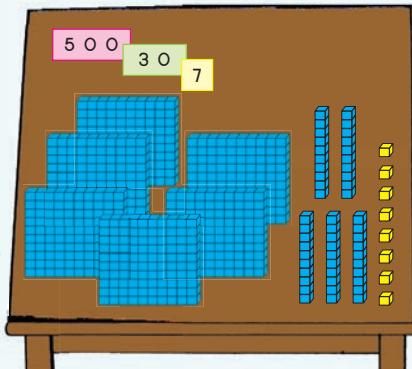
Usuku:

Ithemu 3



Uthisha ucela uPetru aveze inani lama-658 ngamakhadi namabhulokhi.

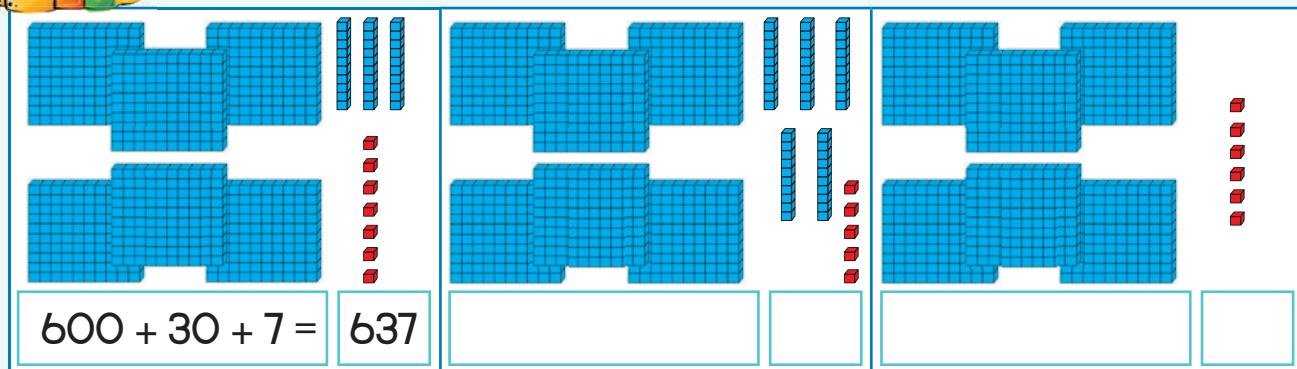
U-Akar uveze lokhu. Yini angayenzanga kahle?



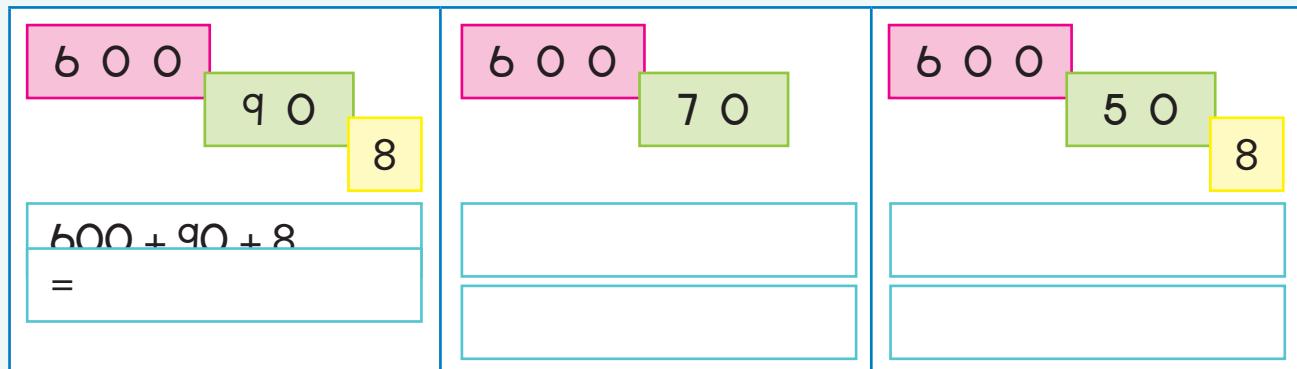
UPetru unamakhadi anamabhulokhi ezinombolo ezingamashumi.



Bhala umusho wezinombolo bese unikeza impendulo.



Bhala umusho wezinombolo bese unikeza impendulo.





Qedela umugqa wezinombolo.

670 671 672 680

Ngibhalele izinombolo ezingaphansi kwama-675. _____

Ngibhalele izinombolo ezingaphezulu kwama-675. _____



Faka olulodwa lwalezi zimpawu esikhali: (<,>)

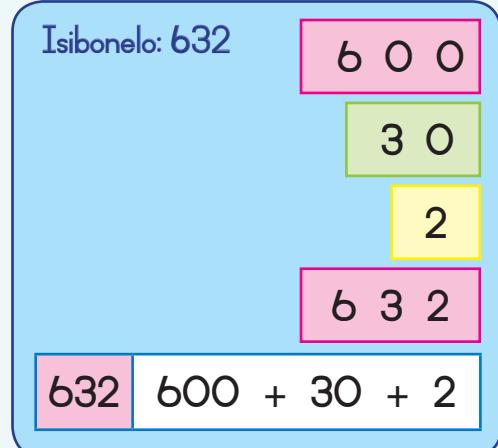
- a. 670 _____ 607 b. 688 _____ 699
 c. $600 + 50 + 5$ _____ 655



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	



Bhala izinombolo ngamagama.

672	
693	
607	
697	
660	



70

Izinombolo ezsuka

ema-650 ziya ema-750

Usuku:

Ithemu 3



Bala bese ubhala.

- a. Sebenzisa ishadi elilandelayo ubhale izinombolo ezsuka ema-700 ziye ema-750.
Phimisela izinombolo ngenkathi ubhala.

650



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

b. Bhala izinombolo ezidinge kayo kule gridi engenhla.

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

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

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

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

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

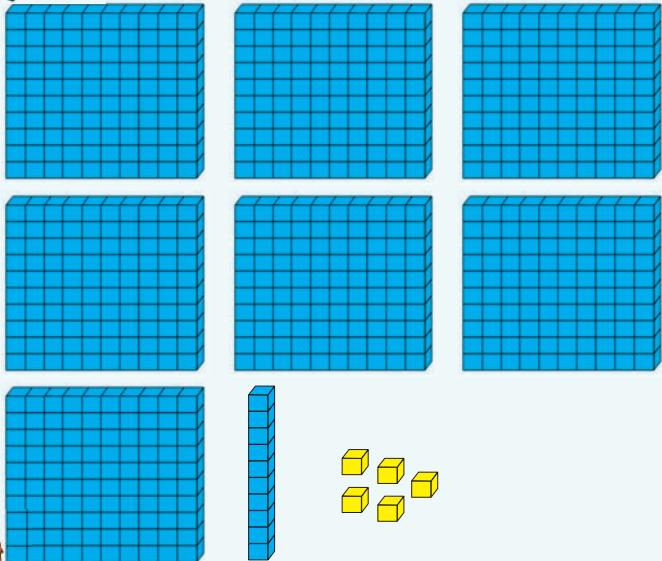
719; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; 749

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

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



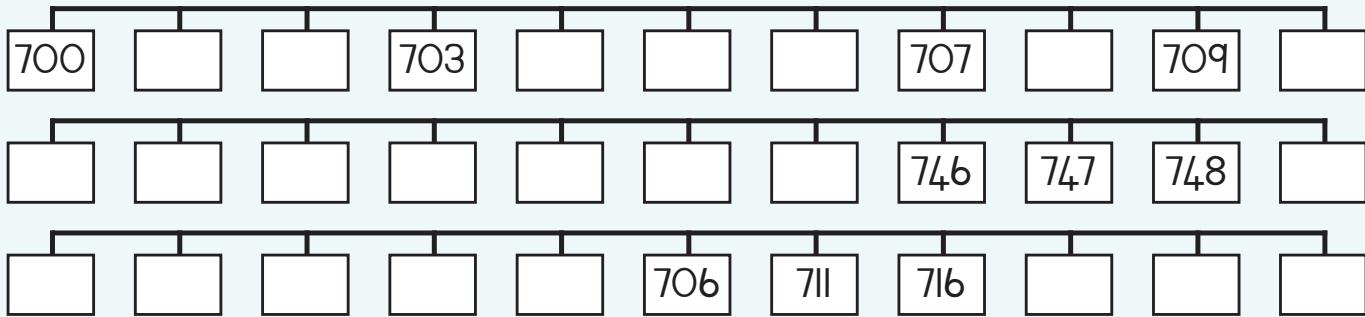
Bala uthole ukuthi amabhulokhi mangaki?



Uwabale kanjani amabhulokhi?



Qedela lo mugqa wezinombolo.



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

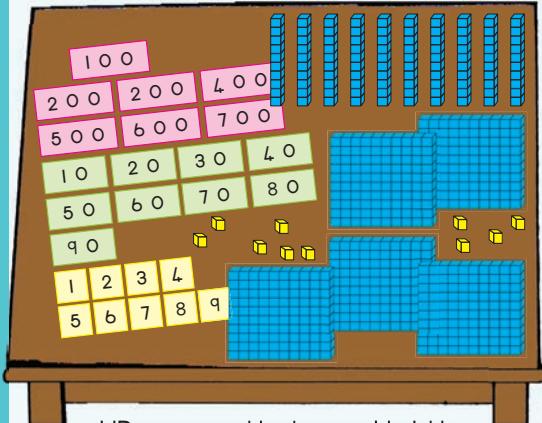


71

Izinombolo:

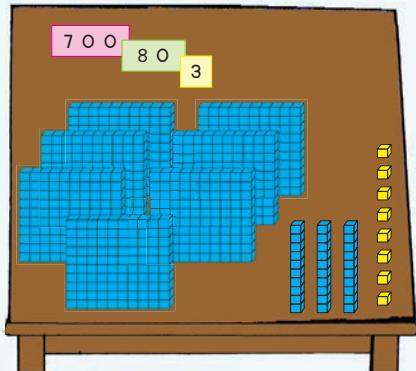
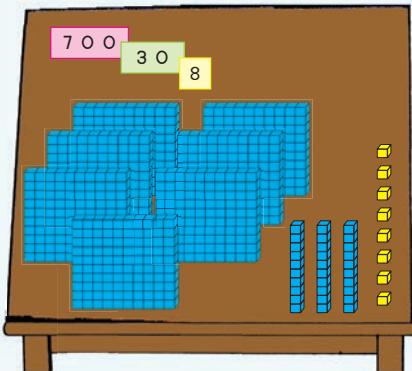
ama-700 kuya ema-750

Ithemu 3



Uthisha ucele uPetru aveze inani
lama-738 ngamakhadi namabhulokhi.

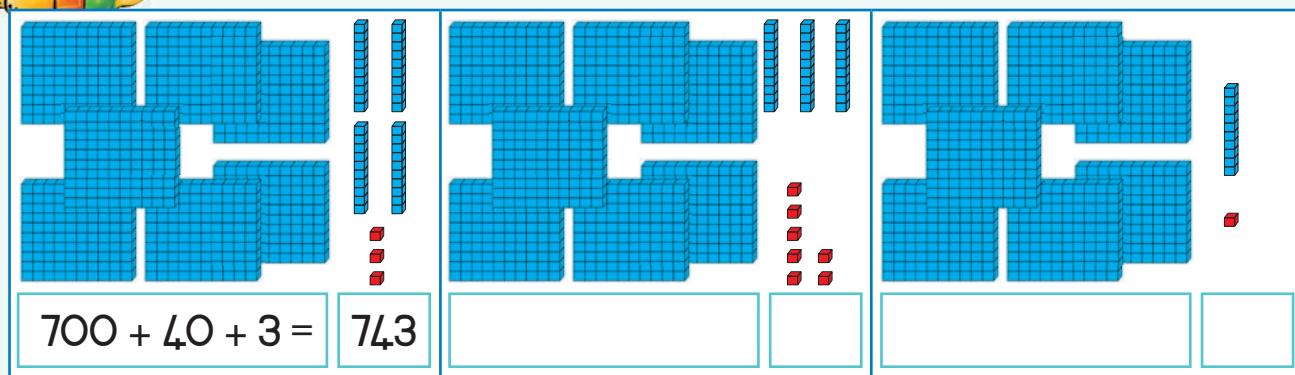
UJabu uveze lokhu.
Yini angayenzanga kahle?



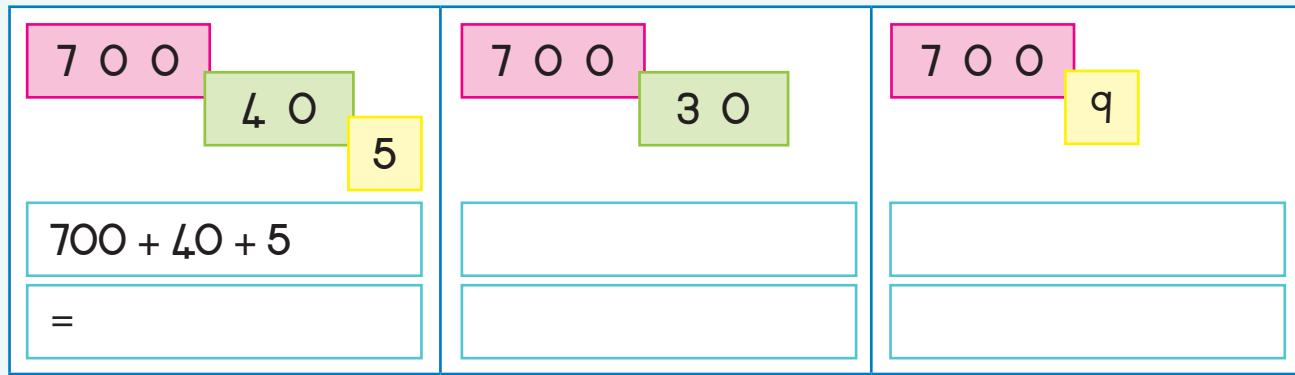
UPetru unamakhadi anamabhulokhi
ezinombolo ezingamashumi.



Bhala umusho wezinombolo bese unikeza impendulo.



Bhala umusho wezinombolo bese unikeza impendulo.





Qedela umugqa wezinombolo.

699 700 701 709

Nginikeze zonke izinombolo ezingaphansi kwama-704. _____

Nginikeze zonke izinombolo ezingaphezulu kwama-704. _____



Faka olulodwa lwalezi zimpawu esikhali: <, > noma =

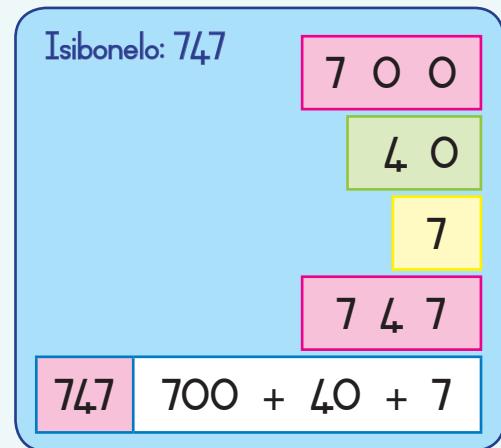
- a. 750 _____ 749 b. 732 _____ 723
c. $700 + 40 + 9$ _____ 749



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	



Bhala izinombolo ngamagama.

714	
750	
742	
738	
704	

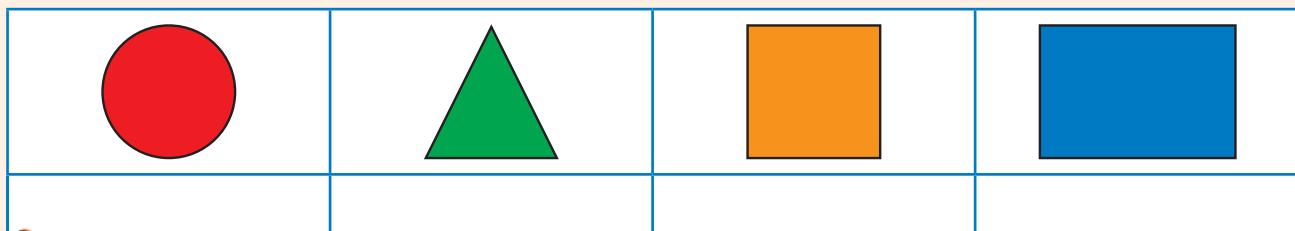
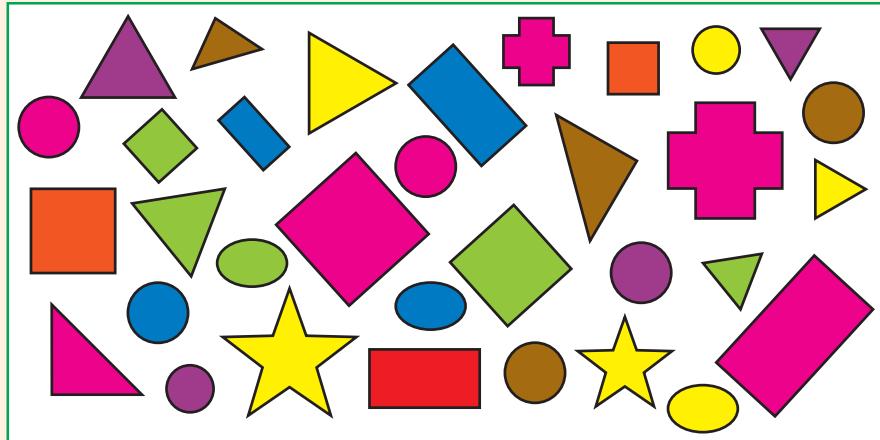




Yisho ukuthi kulezi
zimo ngasinye
sinohlangothi
oluqondile yini noma
oluyisiyingi.



Yisho ukuthi isimo sinonqenqema oluqondile yini noma
oluyisiyingi.



Zingaki izimo kwezingezansi
ongazidweba zibe
nonqenqema oluqondile?



Thola izithombe

Thola izimo ezinonqenqema oluqondile
uzidwebe ebhokisini elingeza.

Thola izimo ezinonqenqema olugobile
uzidwebe ebhokisini elingeza.



Qedela lokhu:

	Dweba isimo esibukeka ngezindlela ezingafani.
unxantathu	
unxande	
isikwele	



Qedela leli thebhula:

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



Thola izikwele, onxantathu, onxande kanye neziyingi eziwosayizi abahlukene ezitholakala emaphaphandabeni nasemaphaphabukwini.

Zinamathisele zonke ebhokisini elingeza.

--



73

Ukususa nokuhlanganisa ema-800

Ithemu 3



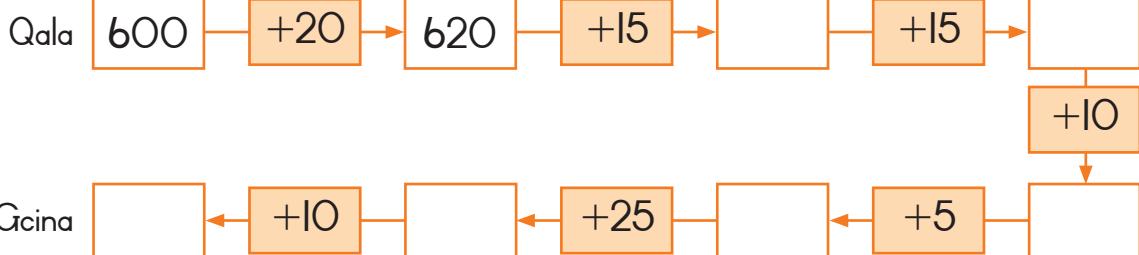
Yini engingayithenga ngama-R500?

Yiziphi kulezi zinto
engingazithola
ngokukhokha
ama-R500?



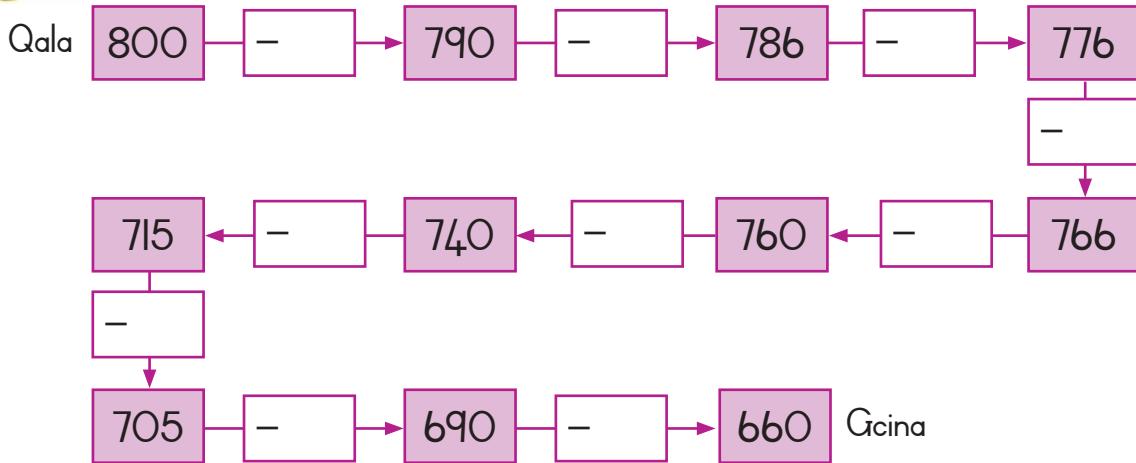
Hlanganisa usukele ema-600.

Bhala izinombolo ezidingekayo.



Bala usuke ema-800 uhlehle.

Bhala izinombolo "eziguquka" njalo.





Yenza lesi sibalo:

$725 + 53 =$

$664 + 87 =$

$564 + 132 =$

$75 + 717 =$



Yenza lesi sibalo:

UJakobe uthole izimabule ezingama-525.

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

- a. Zingaki izimabule abamele ukuba nazo bobabili zihlanganisiwe?
- b. Zingaki ezikaSipho eyedwa?

a.

b.



74

Okunye ukuhlanganisa nokususa ema-800

Usuku:

Ithemu 3

Iminden iyezinombolo.

Sivumelekile ukwenza iminden iyezinombolo.
Umndeni ngamunye umele ukuba nezinombolo
ezimbili ezinkulu, neyodwa encane.

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

$$4 + 8 = 12 \quad 8 + 4 = 12$$

$$12 - 8 = 4 \quad 12 - 4 = 8$$



Thola le minden.

Bhala imisho emi-4 iyezinombolo 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.

$360 - 50 =$ <input type="text"/>	$50 +$ <input type="text"/> $= 360$	<input type="text"/> $+ 50 = 360$
$570 - 480 =$ <input type="text"/>	$480 +$ <input type="text"/> $= 570$	<input type="text"/> $+ 480 = 570$
$430 - 31 =$ <input type="text"/>	$31 +$ <input type="text"/> $= 430$	<input type="text"/> $+ 31 = 430$
$676 - 70 =$ <input type="text"/>	$70 +$ <input type="text"/> $= 676$	<input type="text"/> $+ 70 = 676$
$799 - 701 =$ <input type="text"/>	$701 +$ <input type="text"/> $= 799$	<input type="text"/> $+ 701 = 799$



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:
$352 - 166$ $\begin{array}{ccccccc} +4 & +30 & +100 & +52 \\ \text{166} & \text{170} & \text{200} & \text{300} & \text{352} \end{array}$ $30 + 4 + 100 + 52$ $= 134 + 52 = 186 \text{ km}$	$352 - 166$ $\begin{array}{r} 300 + 50 + 2 \\ - 100 + 60 + 6 \\ \hline \end{array}$ $= 300 + 40 + 12$ $\begin{array}{r} 300 + 40 + 12 \\ - 100 + 60 + 6 \\ \hline \end{array}$ $= 200 + 140 + 12$ $\begin{array}{r} 200 + 140 + 12 \\ - 100 + 60 + 6 \\ \hline \end{array}$ $= 100 + 80 + 6$ $= 186 \text{ km}$
UMbali nakhu akwenzayo:	UPetru nakhu akwenzayo:
$352 - 166$ $166 + 100 \rightarrow 266 + 34 \rightarrow 300 + 52 \rightarrow 352$ $100 + 34 + 52 = 134 + 52 = 186 \text{ km}$	$352 - 166$ $= 352 - 100 - 66$ $= 252 - 66$ $= 252 - 52 - 14$ $= 200 - 14$ $= 186 \text{ km}$
UVeronica nakhu akwenzayo:	ULebo ukhumbula ohhafu kanye nokuhamba ngakubili:
$352 - 166$ $352 - 152 = 200$ $200 - 14 = 200 - 10 - 4$ $= 190 - 4$ $= 186 \text{ km}$	$\text{Uhhafu wama-352 yi-176}$ $\text{Kodwa kumele ngithathe i-166,}$ $\text{ngakho ngibuyisela i-10.}$ $176 + 10 = 186 \text{ km}$
Chaza izindlela ezingafani zokwenza lokhu. Iyiphi oyithanda kakhulu? Ngani?	



Thola impendulo yokulandelayo usebenzise elinye iphepha:

Sebenzisa eyodwa yezindlela ezingenhla.

$746 - 328$

$800 - 499$

Teacher:
Sign:
Date:

Ukuhlanganisa nokususa kuye ema-800 futhi

Usuku:



Zakhele eyakho iminden'i yezinombolo.

Umsebenzi wokuzijwayeza.

8 9 17

5 12 17

Isibonelo: Yenza i-17



$5 + 12 = 17$

$12 + 5 = 17$

$17 - 12 = 5$

$17 - 5 = 12$

$8 + 9 = 17$

$9 + 8 = 17$

$17 - 9 = 8$

$17 - 8 = 9$



Hlola!
Qhathanisa!
Hlola!

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

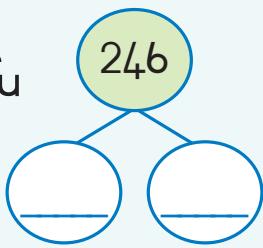
Bhala imisho emi-4 yezinombolo (okubili + nokubili –) emndenini ngamunye wezinombolo.

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

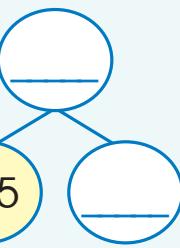
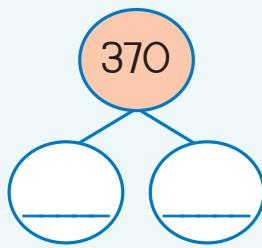


Thola ohhafu
kanye nezinombolo
ezihamba ngazimbili.

246



370





Ukuhhafula uma uzosusa.

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

Izibonelo:

$$34 - 18 = 16$$

$$34 - 17 = 17$$

$$17 - 1 = 16$$

$$190 - 97$$

$$190 - 95 = 95$$

$$95 - 2 = 93$$

$$65 + 69$$

$$65 + 65 = 130$$

$$130 + 4 = 134$$

$$242 + 249$$

$$= 242 + 242 + 7$$

$$= 484 + 7$$

$$= 491$$

Ake uzame lokhu:

$$340 - 176$$

$$145 + 148$$

$$900 - 452$$



Cwaninga izindlela.

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

Indlela yoku-1

$$256 = 200 + 50 + 6$$

$$\rightarrow \text{Uhhafu wama-}200 \text{ yi-}100$$

$$\rightarrow \text{Uhhafu wama-}50 \text{ ngama-}25$$

$$\rightarrow \text{Uhhafu we-}6 \text{ ngoku-}3$$

$$100 + 25 + 3 = 128$$

$$\rightarrow \text{Uhhafu wama-}256 \text{ yi-}128$$

Ngakho i-128 lezingane lithola izimoto

Indlela yesi-2

$$\rightarrow \text{Uhhafu wama-}250 \text{ yi-}125$$

$$\rightarrow \text{Uhhafu we-}6 \text{ ngoku-}3$$

$$125 + 3 = 128$$

$$\rightarrow \text{Uhhafu wama-}256 \text{ yi-}128,$$

Ngakho i-128 lezingane lithola izimoto.



Thola impendulo yokulandelayo usebenzise elinye iphepha:

Sebenzisa eyodwa yezindlela ezingenhlala.

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

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



76



Usuku:

Amaphethini ezinombolo: amashumi kokungama-800

Ithemu 3



Yini ongayisho ngezinombolo ezisemabhulokhini afakwe umbala?

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

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

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 iziyangi ezibomvu ebhodini lezinombolo.

a. Yini oyibona kulezi ziyangi? _____

b. Yelula lolu hide olulandelayo lwezinombolo:

704; 714; 724; _____ ; _____ ; _____

782; 772; 762; _____ ; _____ ; _____

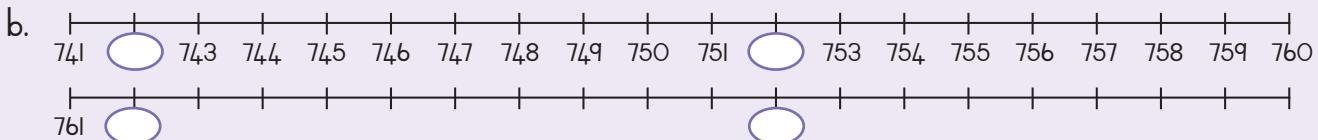
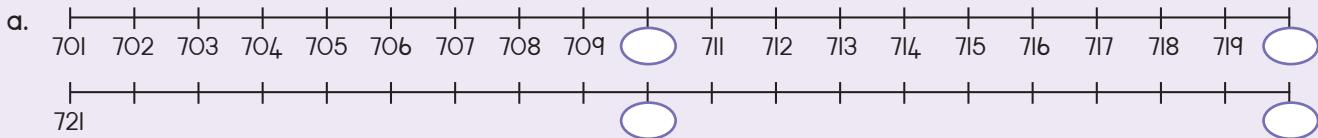
715; 725; 735; _____ ; _____ ; _____

737; 747; 757; _____ ; _____ ; _____

799; 789; 779; _____ ; _____ ; _____



Gcwalisa inombolo efanele esiyjingini ngasinye kule migqa yezinombolo.



Nginenombolo enamadijithi ama-3.



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

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



Teacher: _____
Sign: _____
Date: _____

Ukusondezela eshumini



L

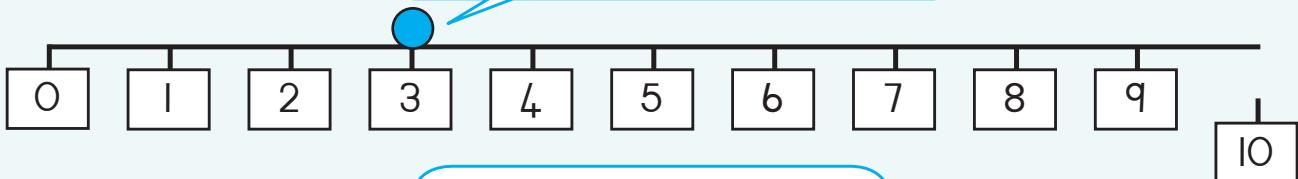
Zonke izinombolo ezihlehlayo ezsuka koku-4 zidinga ukusondezelwa e-O.

Zonke izinombolo eziqbube ka koku-5 zidinga ukusondezelwa e-10.

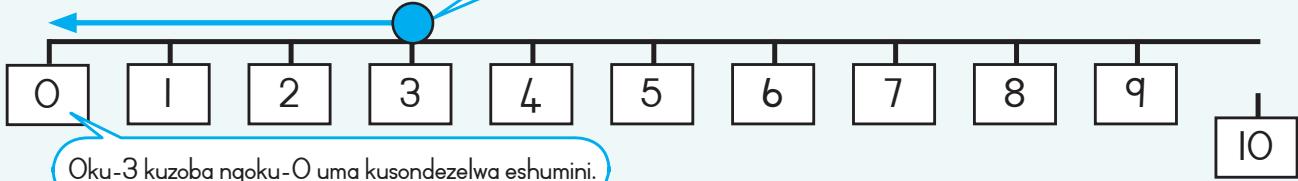


Masikhulume.

Oku-3 kuzoba ngokungaki uma kusondezelwa eshumini?



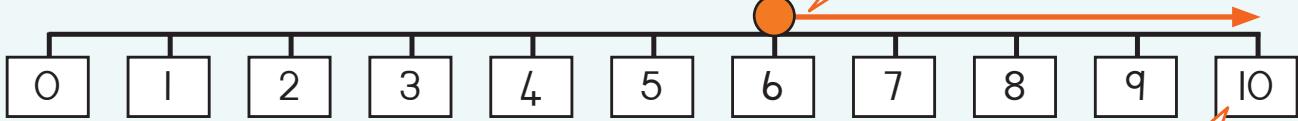
Oku-3 kuzoba ngubani uma kusondezelwa?



Oku-3 kuzoba ngoku-0 uma kusondezelwa eshumini.

Yenza okufanayo ngalezi:

Oku-6 kuzoba ngokungaki uma kusondezelwa eshumini?



Impendulo ithi kuzoba yi-10.



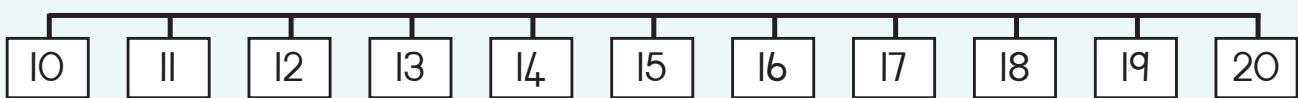
Sondezela eshumini.

Okuyi-12 kuzoba ngoku-_____ uma kusondezelwa eshumini.

Okuyi-19 kuzoba ngoku-_____ uma kusondezelwa eshumini.

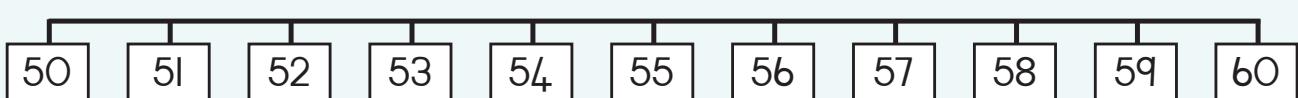
Ama-58 azoba ngama-_____ uma esondezelwa eshumini eliseduze.

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



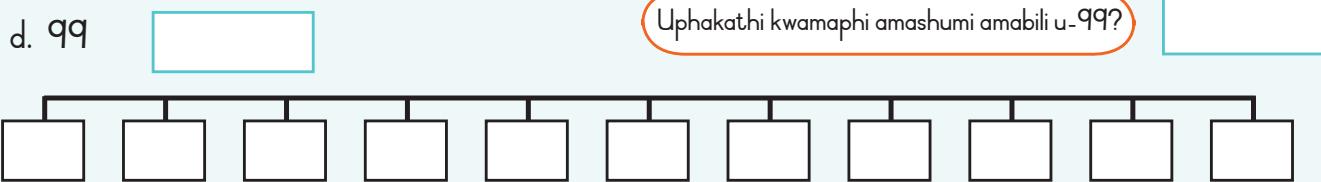
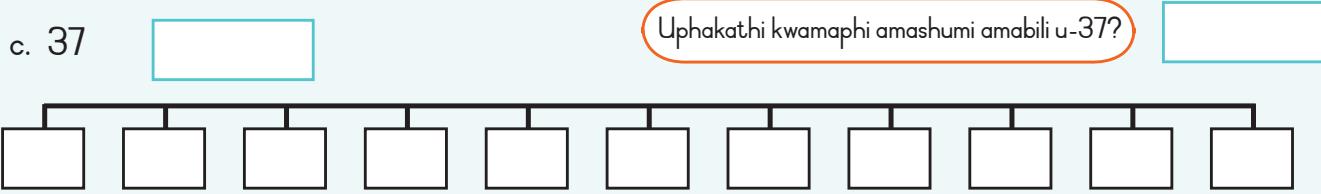
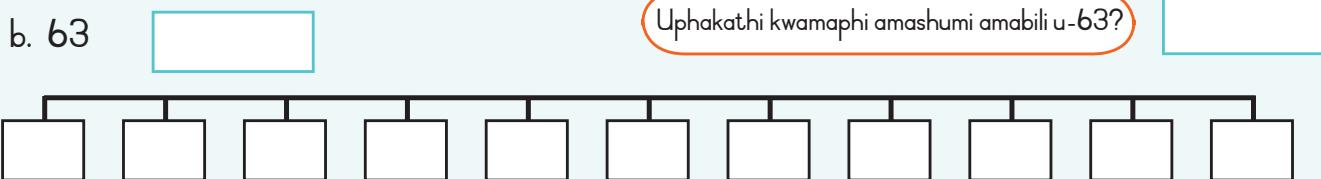
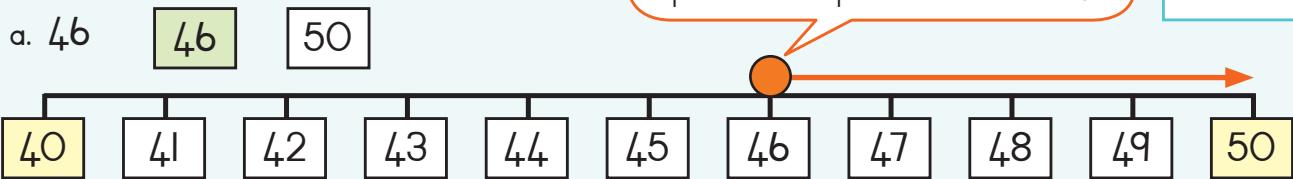
Ama-58 azoba ngama-_____ uma esondezelwa eshumini eliseduze.

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





Sondezela e-10 eliseduze usebenzisa umugqa wezinombolo ozokusiza.



UThomi unama-R48,00.



Iphakethe lamakhadi alitholile limbize ama-R5,00.

Uzokwazi ukuthenga amangaki esewonke amakhadi ngama-R48,00?



Ukuphindaphinda: kusuka kokuhlanu kuya kokungama-75

Yini enokungakuhlanu?
Iminwe yesandla esisodwa:



Mingaki iminwe:

- Ezandleni ezi-2
- Ezandleni ezi-3
- Ezandleni ezi-4
- Ezandleni ezi-5
- Ezandleni ezi-6
- Ezandleni ezi-7
- Ezandleni ezi-8
- Ezandleni ezi-9
- Ezandleni ezi-10

Qondanisa isibalo nombuzo
ongakwesokunxele:

$$\begin{aligned}
 9 \times 5 &= 45 \\
 7 \times 5 &= 35 \\
 2 \times 5 &= 10 \\
 4 \times 5 &= 20 \\
 3 \times 5 &= 15 \\
 5 \times 5 &= 25 \\
 10 \times 5 &= 50 \\
 6 \times 5 &= 30 \\
 8 \times 5 &= 40
 \end{aligned}$$

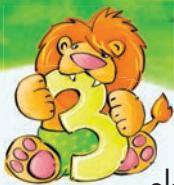
Qedela ithebhula.

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



Qedela ishadi lokulandelanayo.

okungenisiwe

II
I2
I3
I4
I5

okukhiqiziwe

okungenisiwe

5
I0
I5
25
30

okukhiqiziwe

okungenisiwe

I6
I7
I8
I9
20

okukhiqiziwe

okungenisiwe

55
60
65
70
75

okukhiqiziwe

Qedela ithebhula elingezansi.

\times	1	2	3	4	5	6	7	8	9	10
5										
\times	II	I2	I3	I4	I5	I6	I7	I8	I9	20
5										

Uyithole kanjani impendulo emabhulokhini anombala osasibhakabhaka?

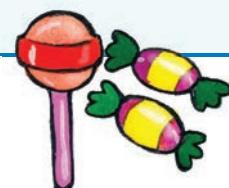


Xazulula okulandelayo.

Umama uthenge amaphakethe amaswidi ema-R70.

Ukhokhe ama-R5 ngephakethe ngalinye.

Uthenge amaphakethe amangaki amaswidi?



79

Amaphethini ezinombolo: okuhlanu kuyiwa ema-800

Usuku:

Ithemu 3



Yini ongayisho ngezinombolo ezesemabhulokhini
asawolintshi?

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

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

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



Qedela imisho yezinombolo.

725; 730; 735; _____ ; _____ ; _____ 800; 795; 790; _____ ; _____ ; _____



Hlanganisa noma ususe okuhlanu.

- I. Hlanganisa okuhlanu nenombolo oyinikiwe.
Sikwenzele okokuqala.

$$a. 760 + 5 = 765$$

b. 725 _____ c. 780 _____ d. 755 _____ e. 715 _____ f. 790 _____



2. Susa okuhlanu enombolweni oyinikiwe. Sikwenzele okokuqala.

a. $765 - 5 = 760$

- b. 760 c. 785 d. 750 e. 715 f. 790

3. Kwenzekani uma ususa noma uhlanganisa okuhlanu ezinombolweni ezingenhla?



Buka iziyinqi ezibomvu ebhodini lezinombolo.

- a. Ubonani kulezi ziyinqi? _____
- b. Yelula lolu hide lwezinombolo:
- | | |
|--------------------------------------|--------------------------------------|
| 703; 708; 713; _____ ; _____ ; _____ | 722; 727; 732; _____ ; _____ ; _____ |
| 753; 758; 763; _____ ; _____ ; _____ | 714; 719; 724; _____ ; _____ ; _____ |
| 701; 706; 711; _____ ; _____ ; _____ | |



Gcwalisa inombolo efanele esiyinqini kule migqa yezinombolo.

- a.
- | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|----------|-----|-----|-----|----------|-----|-----|-----|-----|----------|-----|-----|-----|-----|----------|
| 701 | 702 | 703 | 704 | (circle) | 706 | 707 | 708 | (circle) | 711 | 712 | 713 | 714 | (circle) | 716 | 717 | 718 | 719 | (circle) |
| 721 | | | | (circle) | | | | (circle) | | | | | (circle) | | | | | (circle) |
-
- b.
- | | | | | | | | | | | | | | | | | | | | | |
|-----|----------|-----|-----|-----|-----|----------|-----|-----|-----|----------|-----|----------|-----|-----|-----|-----|----------|-----|-----|-----|
| 741 | (circle) | 743 | 744 | 745 | 746 | (circle) | 748 | 749 | 750 | (circle) | 751 | (circle) | 753 | 754 | 755 | 756 | (circle) | 758 | 759 | 760 |
| 761 | (circle) | | | | | (circle) | | | | (circle) | | | | | | | (circle) | | | |



Nginenombolo enamadjithi ama-3.

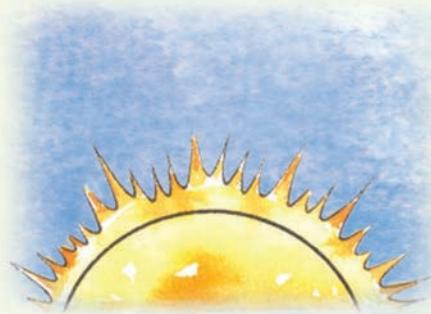


Idijithi lokuqala yisi-7, elilandayo limele oku-l ngaphezulu kwesikhombisa, elokugcina idijithi lingaphansi kwesikhombisa.

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



Teacher:
Sign:
Date:



ICape Town

Ithebhula elingezi likhombisa ukuphuma kwelanga nokushona kwalo ngezikkhathi ezahlukahlukene onyakeni eCape Town. Funda izikhathhi ethebhuleni bese ugcwalisa 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		

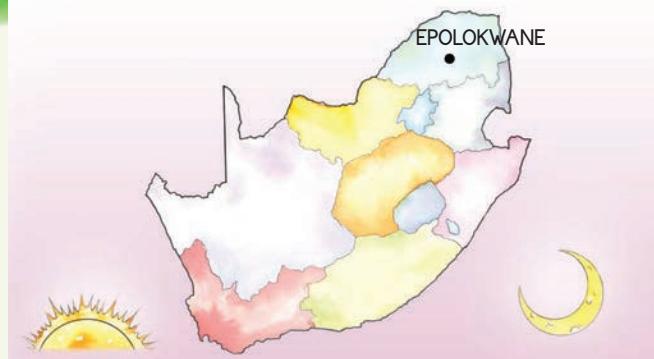
- Kukuziphi izinyanga lapho imini nobusuku kulingana khona ngobude? _____
- Iyiphi inyanga enemini ende? _____
- Iyiphi inyanga enemini emfushane? _____
- Thola umahluko phakathi kwamahora nemizuzu phakathi kwemini ende kunazo zonke kanye nemfushane kunazo zonke. _____
- Thola ubude bemini nobusuku kwalolo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



EPolokwane

Ithebhula elingezañsi likhombisa ukuphuma kwelanga nokushona kwalo ngezikathathi ezahlukahlukene onyakeni ePolokwane.

Funda izikhathi ethebhuleni bese ugcwalisa ithebhula lonke ngaphambi kokuphendula imibuzo engezansi.



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

- a. Kukuziphi izinyanga lapho imini nobusuku kulingana khona ngobude? _____
- b. Kukuziphi izinyanga kulezi lapho ubude bemini bulingana khona eCape Town nasePolokwane? _____
- c. Kukuziphi izinyanga lapho kunokwehlukana khona? _____
- d. Thola umahluko phakathi kwamahora nemizuzu phakathi kwemini ende kunazo zonke kanye nemfushane kunazo zonke. _____
- e. 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?



Ukuphindaphinda:

okungakubili kuze kufinyelele ema-75

Usuku:

Ithemu 3

Yini ehamba ngambil?
Yipheya lezicathulo.



Zingaki izicathulo kula mapheya?

Ipheya eli-1 lezicathulo?

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

Qondanisa isibalo nombuzo
ongakwesokunxele:

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

Qedela ithebhula.

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

II
I2
I5
I7
20

okukhiqiziwe

okungenisiwe

22
26
31
30
35

okukhiqiziwe

okungenisiwe

20
26
32
38
44

okukhiqiziwe

okungenisiwe

50
60
68
72
74

okukhiqiziwe



Qedela la mathebhula angezansi:

\times	1	2	3	4	5	6	7	8	9	10	II	I2	I3	I4	I5	I6	I7	I8	I9	I20
2																				

\times	2I	22	23	24	25	26	27	28	29	30	3I	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?



Amaphethini ezinombolo: ezingambili kuya ema-800

Usuku:



Yini ongayisho ngezinombolo ebhulokhini
elinombala osawolintshi?

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

Iyiphi inombolo eza emva kwama-700 uma
ubala ngakubili?

Bala uhlehole usuke ema-800 uye ema-710.

Iyiphi inombolo eza ngaphambi kwama-750
uma ubala uhlehlala?

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



Qedela lezi zinombolo.

720; 722; 724; _____ ; _____ ; _____

800; 798; 796; _____ ; _____ ; _____



Hlanganisa noma ususe okubili.

a. $764 + 2 = 766$

I. Hlanganisa okubili enombolweni oyinikiwe. Sikwenzele okokuqala.

b. 762 _____

c. 783 _____

d. 756 _____

e. 714 _____

f. 799 _____



2. Susa okubili enombolweni oyinikiwe. Sikwenzele okokuqala.

a. $764 - 2 = 762$

b. 762

c. 783

d. 756

e. 714

f. 799

3. Kwenzekani uma uhlanganisa noma ususa okubili ezinombolweni ezingenhla?



Buka iziyangi ezisasibhakabhaka ebhodini lezinombolo.

a. Yini ongayisho ngalezi ziyangi? _____

b. Yelula lezi zinombolo:

701; 703; 705; _____ ; _____ ; _____

783; 785; 787; _____ ; _____ ; _____

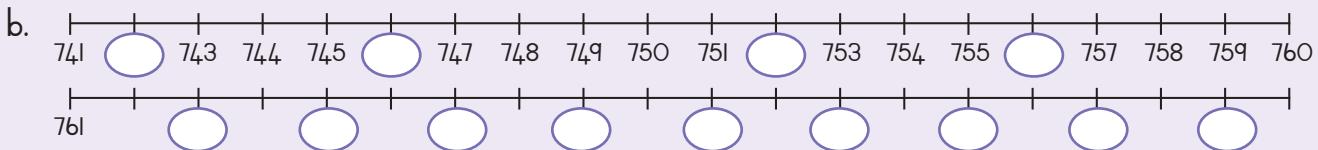
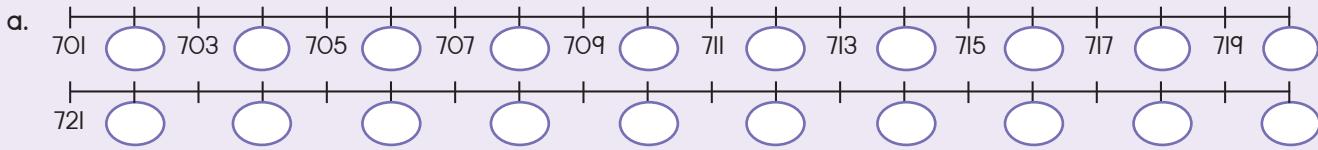
725; 727; 729; _____ ; _____ ; _____

779; 781; 783; _____ ; _____ ; _____

799; 797; 795; _____ ; _____ ; _____



Gcwalisa inombolo efanele esiyangini ngasinye kule migqa yezinombolo.



Nginenombolo enamadijithi ama-3.



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

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



Teacher:
Sign:
Date:

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- 4×2 kanje:

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

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

Ungabali	Amaqoqo alinganayo	Ukuhlanganisa okuphindaphindiwe	Amaqoqo	Amaqiniso



Xazulula lesi sibalo:

$$24 \times 3$$

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

a. 13×3

b. 18×3

c. 12×5

d. 21×3

e. 14×3

f. 25×3

g. 12×3

h. 15×5



Xazulula lesi sibalo:

Ngithenge amaswidi ayi-14 ngama-R3 liliyene.

Umngani wami uthenge amaswidi ayi-12 ngama-R5 liliyene.

Sikhokhe malini sobabili seyihlanganisiwe?

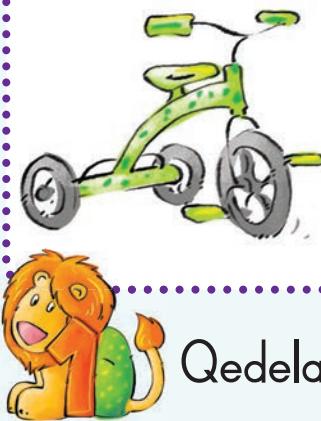


Teacher:	<input type="text"/>
Sign:	<input type="text"/>
Date:	<input type="text"/>

Ukuphindaphinda: ngakuthathu kuze kuyofinyelela ema-75

Usuku:

Yini evame ukuhamba
ngantathu?
Amasondo ebhayisikili
elingusondo-ntathu.



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:
 $9 \times 3 = 27$
 $7 \times 3 = 21$
 $2 \times 3 = 6$
 $4 \times 3 = 12$
 $3 \times 3 = 9$
 $5 \times 3 = 15$
 $1 \times 3 = 3$
 $10 \times 3 = 30$
 $6 \times 3 = 18$
 $8 \times 3 = 24$

Qedela ithebhula.

Amaqoqo	Phindaphinda	Ukuhlukanisa	Hlukanisa
Amaqoqo ayi-11 ezinto ezhamba nga-3	$11 \times 3 = 33$	Hlukanisela abantu aba-3 izinto ezingama-33	$33 \div 3 = 11$
Amaqoqo ayi-15 ezinto ezhamba 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 ezhamba nga-3		Hlukanisela abantu aba-3 izinto ezingama-36	



Qedela ithebhula.

Ukuhlukanisa	Hlukanisa
Hlukanisela abantu aba-3 izinto ezingama-37	$37 \div 3 = 12$ kusalā 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

okukhiqiziwe

okungenisiwe

11
13
15
23
25

okukhiqiziwe

okungenisiwe

18
30
36
42
75

okukhiqiziwe

okungenisiwe

12
63
66
69
75

okukhiqiziwe



Qedela la mathebhula angezansi:

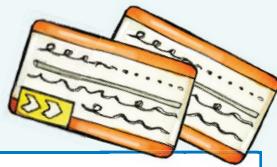
\times	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
4	3	6													

\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 beyingenya ngama-R3 kwase kungena izingane ezingama-23 epaki.
Zikhokhe malini sekukonke?



Ukuphindaphinda: ngaku-2, ngaku-3

Usuku:

nangaku-4 kuze kuyofinyelela ema-75



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 5×2 kanje:

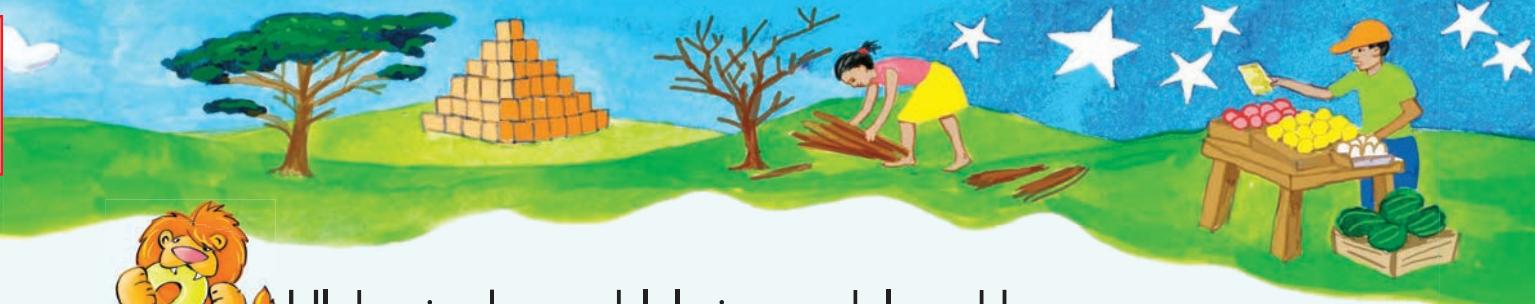
Ungabali	Amaqoqo alinganayo	Ukuhlanganisa okuphindaphindekayo	Amaqoqo	Amaqiniso
2, 4, - --	● ---	2 + - - -	umugqa wesi-2 xx	$2 \times - = -$ $4 \times - = -$ $- \div - = -$ $- \div - = -$

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

Ungabali	Amaqoqo alinganayo	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:



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 uhlehlle usuke ema-799 uye ema-703.

Iyiphi inombolo eza ngaphambili kwama-766
uma ubala uhlehlle?

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.

$$766 + 3 = 769$$

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 iziyungi ezisasibhakabhaka ebhodini lezinombolo.

a. Yini eqaphelekayo kulezi ziyungi? _____

b. Yelula lezi zinombolo:

704; 707; 710; _____ ; _____ ; _____

782; 785; 788; _____ ; _____ ; _____

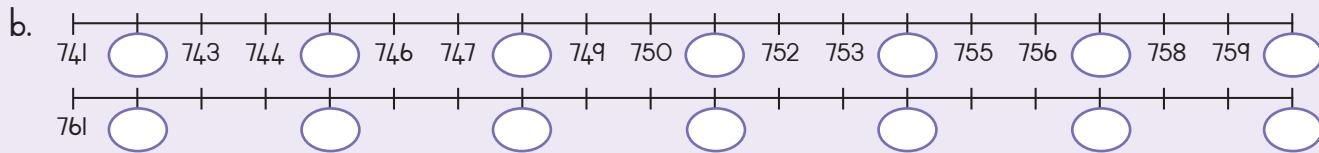
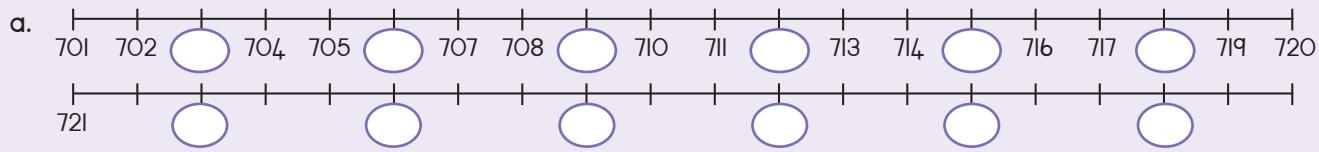
773; 776; 779; _____ ; _____ ; _____

779; 782; 785; _____ ; _____ ; _____

779; 776; 773; _____ ; _____ ; _____



Gcwalisa inombolo efanele esiyjingini ngasinye kule migqa yezinombolo.



Nginenombolo enamadjithi 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 kulo kh
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 ezhamba nga-4	$12 \times 4 = 48$	Hlukanisela abantu aba-4 izinto ezingama-48	$48 \div 4 = 12$
Amaqoqo ayi-16 ezinto ezhamba nga-4		Hlukanisela abantu aba-4 izinto ezingama-64	
Amaqoqo ayi-18 ezinto ezhamba nga-4		Hlukanisela abantu aba-4 izinto ezingama-72	
Amaqoqo ayi-15 ezinto ezhamba nga-4		Hlukanisela abantu aba-4 izinto ezingama-60	



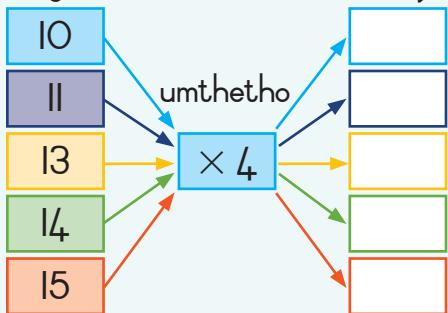
Qedela ithebhula.

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	



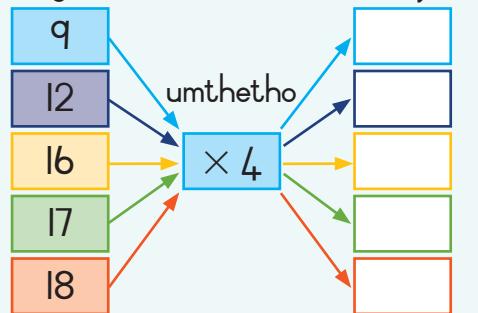
Qedela ishadi lokulandelanayo.

okungenisiwe



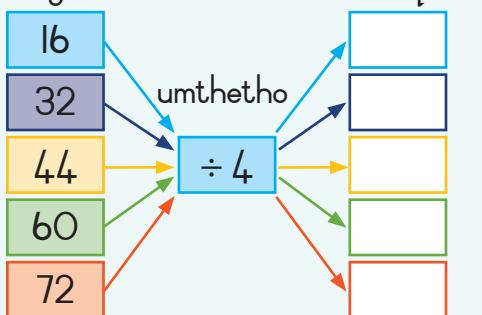
okukhiqiziwe

okungenisiwe



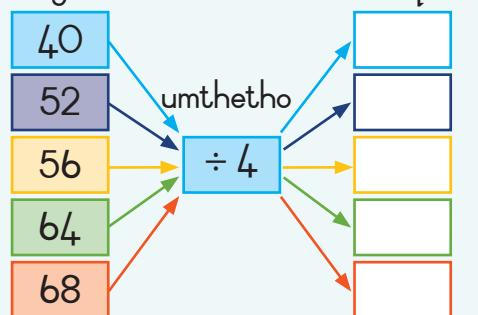
okukhiqiziwe

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?





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.

- I. Hlanganisa okune enombolweni oyinikiwe.
Sikwenzele okokuqala.

a. $764 + 4 = 768$

b. 764 _____

c. 788 _____

d. 754 _____

e. 718 _____

f. 794 _____



2. Susa okune enombolweni oyinikiwe. Sikwenzele okokuqala.

a. $764 - 4 = 760$

b. 768 _____

c. 784 _____

d. 752 _____

e. 714 _____

f. 798 _____

3. Kwenzekani uma uhlanganisa noma ususa okune ezinombolweni ezingenhla?



Buka iziyangi ezisasibhakabhaka ebhodini lezinombolo.

a. Yini ongayisho ngalezi ziyangi? _____

b. Yelula lezi zinombolo:

$703; 707; 711; \underline{\hspace{1cm}}; \underline{\hspace{1cm}}; \underline{\hspace{1cm}}$

$783; 779; 775; \underline{\hspace{1cm}}; \underline{\hspace{1cm}}; \underline{\hspace{1cm}}$

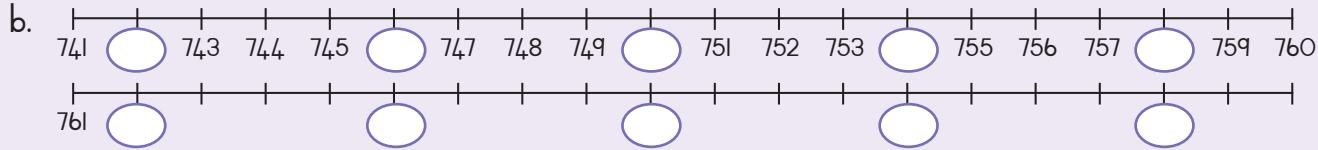
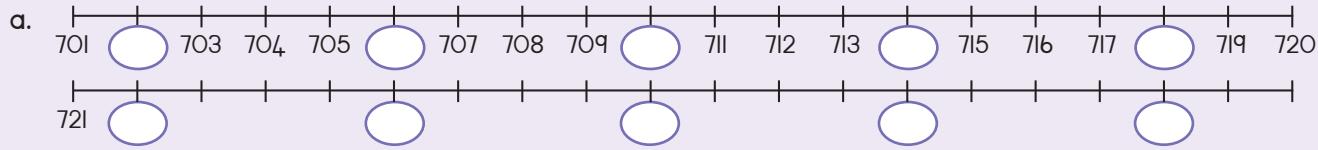
$773; 777; 781; \underline{\hspace{1cm}}; \underline{\hspace{1cm}}; \underline{\hspace{1cm}}$

$799; 795; 791; \underline{\hspace{1cm}}; \underline{\hspace{1cm}}; \underline{\hspace{1cm}}$

$711; 715; 719; \underline{\hspace{1cm}}; \underline{\hspace{1cm}}; \underline{\hspace{1cm}}$



Gcwalisa inombolo efanele esiyingini ngasinye kule migqa yezinombolo.



Nginenombolo enamadjithi ama-3.



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

Uma ungabala ngakune usukele kule nombolo, iyiphi le nombolo?

Leyo nombolo: _____



89

Ukuphindaphinda nokuhlukanisa:

ngaku-2, ngaku-3, ngaku-4 nangaku-5
kuze kuyof inyelela ema-75

Usuku:

Ithemu 3



Ungathatha isikhathi esingakanani ukuphendula lokhu?

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



Faka umbala emabhulokhini lapho isibalo
sikunika khona insalela.

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



Wazi kanjani ukuthi le nombolo iyahlukaniseka ngoku-:

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



Hlukanisa bese uhlola impendulo yakho.

$$65 \div 3$$

$$= (60 + 5) \div 3$$

$$= (60 \div 3) + (5 \div 3)$$

$$= 20 + 1 \text{ kusala } 2$$

$$= 21 \text{ kusala } 2$$

$$21 \times 3 + 2$$

$$= (20 + 1) \times 3 + 2$$

$$= (20 \times 3) + (1 \times 3) + 2$$

$$= 60 + 3 + 2$$

$$= 65$$

a. $49 \div 5$

b. $65 \div 5$



Xazulula lesi sibalo:

Kumele wenze uphenyo.

Wazi kanjani ukuthi le nombolo iyahlukaniseka ngoku-4?



q0



Usuku:

Ithemu 3



Buka lezi zithombe.

Khuluma ngezinto ozibonayo usebenzisa amagama a thi kuyisicaba, kugobile.



Buka lezi zithombe bese uqedela imisho nemibuzo.



a. Ibholo _____.



b. Kungani ibholo
lingasheleli?
_____.



c. Isilinda _____.

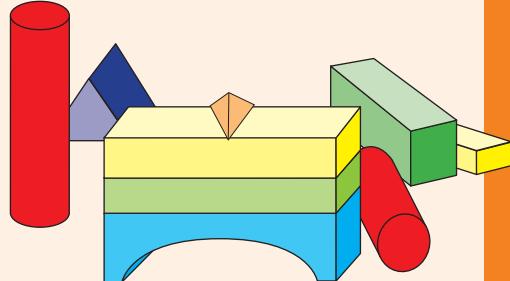
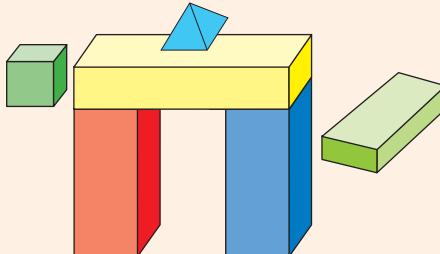
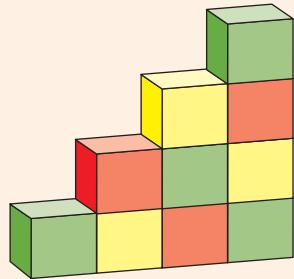


d. Isilinda ngabe
iyakwazi
ukushelela?
_____.



**Yisho igama lento
esetshenziswe esithombeni ngasinye.**

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





**Yisho ukuthi izinto ezinhlangothi-ntathu ziyizicaba
noma zigobile yini.**





Dweba lokhu okulandelayo:

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



q

Amasethi emicu yamaqhezu



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

Usuku:

Yakha isethi yakho.

Okusikwayo kwesi-5

Kowodwa umucu bhala amagama athi: "Okukodwa okuphelele".

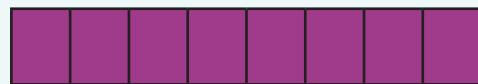
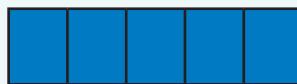
Goqa owodwa umucu ube wuhhafu ngokucophelela. Wuqaqe futhi. Zingaki izingxenye ezilinganayo?

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

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



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 siyngi sikhombisa okukodwa okuphelele.

Okukodwa
okuphelele

Hlukanisa lo mucu ube okukodwa kokuthathu.

Hlukanisa amaqhezu okwesithathu endilingeni.

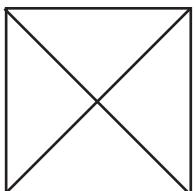
Faka umbala eqhezwini eliwokukodwa kokuthathu.

Faka umbala eqhezwini eliwokukodwa kokuthathu.

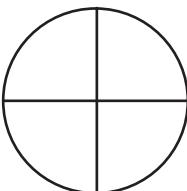


Faka umbala kulokhu okulandelayo:

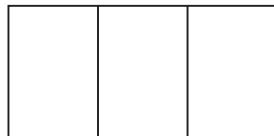
Uhhafu owodwa



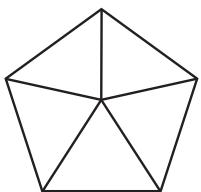
Amakota amathathu



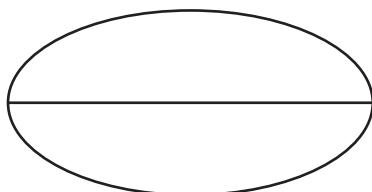
Okubili kokuthathu



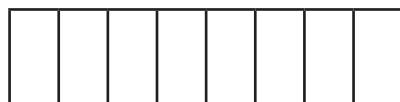
Okune kokuhlanu



Uhhafu owodwa



Amakota amathathu



Dweba lokhu okulandelayo:

Amakota amathathu
usebenzisa isikwele.

Uhhafu owodwa usebenzisa
isiy Jingi.

Okubili kokuthathu usebenzisa
unxantathu.

Okune kokuhlanu usebenzisa
isiy Jingi.

Okune kokuyisishiyagalombili
usebenzisa isikwele.

Okubili kokuthathu usebenzisa
unxande.



Lungisa isethi yakho.

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





Usuku:



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



Dweba uphawini kaSipho.

Ngizodla uhhafu
walokho okuzosalas..



Dweba isabelo sikaSipho,
sikaGugu kanye nesika-Andile.

b.

Kulungile, ngiyavuma
ukudla ikota..



Dweba uphawini kaSipho nokaGugu.

d.

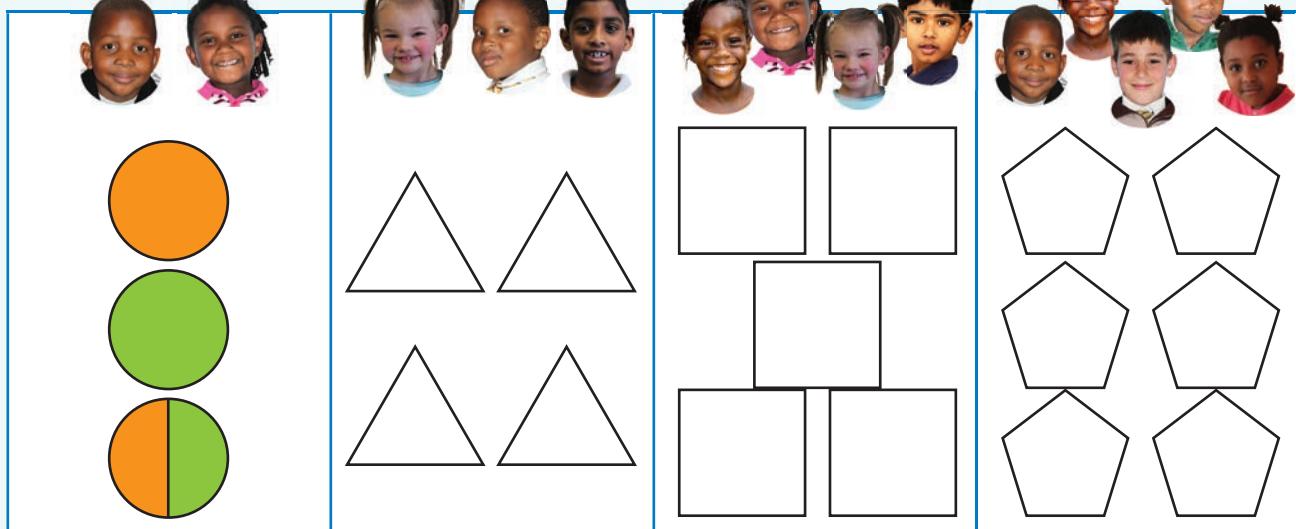
Njisalelwwe wuphaya
ongakanani mina?



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?

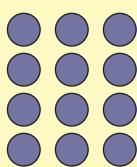
Yiziphi izinombolo?

Dweba isithombe.



Ukuhlukanisa okuholela emaqhezwini

Nazi izinto
zokubala
eziyi-12

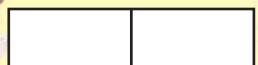


Singabangani sibabili. Sinesiquathini
esisodwa esisihlukanise ohhafu
abalinganayo.

Lokhu sikubiza
ngohhafu owodwa.



Lokhu sikubiza
ngohhafu owodwa.

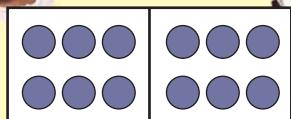


Sihlukaniselana izinto zokubala eziyi-12
zokubala ngokulinganayo sobabili.

Ngithole izinto
zokubala eziyisi-6.



Ngithole izinto
zokubala eziyisi-6.



Yenza umdwebo walokhu okulandelayo bese uphendula imibuzo.

Amabhola ayisi-9 ahlukaniselwa abangani
abathathu bamantombazana.



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



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



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



Qhezu lini elizotholwa ngumfana ngamunye?

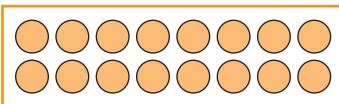
Qhezu lini elizotholwa nguLisa?

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 aji-10? _____ $3\frac{1}{2}$ wamaphakethe? _____

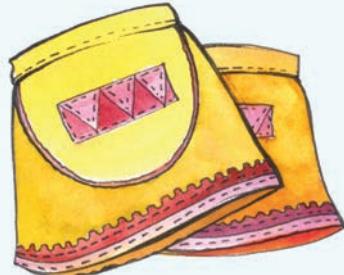


Iziketi zokudansa.

Omama nawogogo bathunga iziketi zokudansa.

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

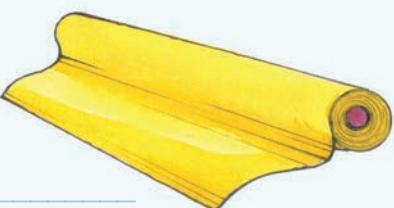
Indwangu ibiza ama-R6 imitha.



a. Bazothunga iziketi ezingaki ngala mamitha?

5 m _____ 10 m _____

20 m _____ 25 m _____



b. Badinga indwangu engakanani ukwenza?

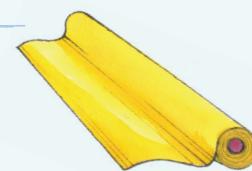
iziketi ezi-2 _____ iziketi ezi- 3 _____ iziketi ezi- 4 _____

c. Ibiza malini indwangu ezokwenza?

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

d. Bazokwakha iziketi ezingaki ngale mali:

R450 _____ R825 _____ RI80 _____ ?



q4

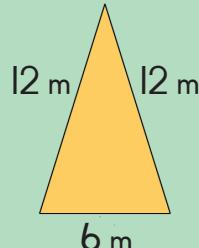


Usuku:

Ibanga elisizungezile

Ithemu 3

Make sibheke ibanga lendawo ezungeze into ethile.



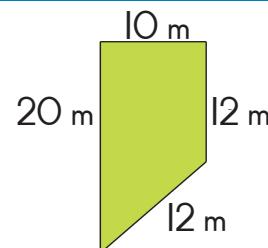
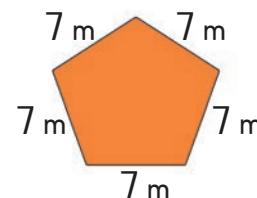
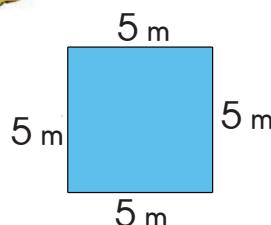
Umlimi unesiza esingunxantathu.

Ubude bebanga elizungezile sizobuthola ngokuhlanganisa ubude nobubanzi bezinhlangothi.

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



Thola ubude bebanga elizungezile (ipharametha).



Ingadi ka Veronica.

UVeronica udweba ingadi azofuna ukutshala okuthile kuyo.

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

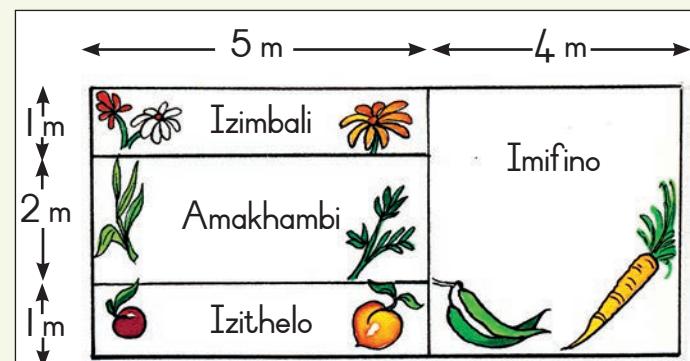
b. Yiziphi izingxenye ezinebangaa elilinganayo elizungezile?

Lingakanani ibanga elizungeze lezi zingxenye?

_____ kanye _____ ubude bebanga elizungezile _____ m.

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

Luzobiza malini lulonke ucingo? _____





Dweba eyakho ingadi.

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



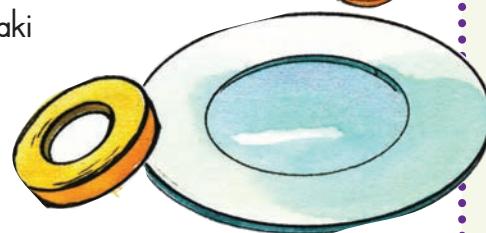
Iziyingi zokukala.

Sebenzisana nomngani:

Okuzosetshenziswa:

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

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



Ibanga elizungeze into eyisiyingi libizwa ngobude bokuzungeza noma ipharametha.	
Ibanga lento eyisiyingi uma usuka ohlangothini olulodwa uya kolunye, libizwa ngedayametha.	



Teacher:
Sign:
Date:

95a

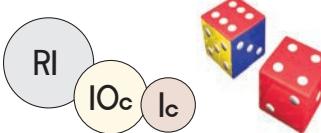


Usuku:

Dlala le midlalo nomngani.

Okuzosetshenziswa:

RIOO RIO



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

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

Beka Ibhodi Lemali etafuleni.

Ibhodi linezingxenye ezi-5 ezisuka kwesokunxele ziyi kwesokudla, RIOO, RIO, RI, IOc kanye nesenti eli-I. Sizosebenzisa amakholamu ama-3 kulo mdlalo.

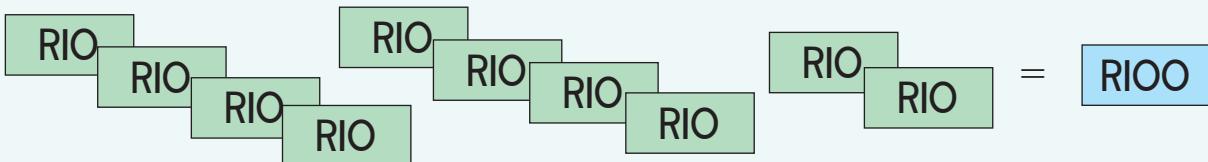


Hlanganisa ufinyelele e-RIOO.

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



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



- Inhlawulo:** Uma odalayo 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 ezisedayjisini. Umdlali ofinyelela e-RO nguye onqobile.

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



Ukuhlanganisa nokususa okufinyelela e-RI OOO.

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



Ukuhlanganisa kufinyelele e-RI.

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



Susa amasenti.

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



Teacher:
Sign:
Date:

q5b

Masiyothenga!

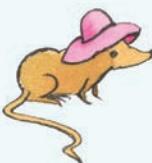
Usuku:

Ithemu 3



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	

- Thola ubungako bezigqoko emgqeni ngamunye.
- UMaZondo uthenga isigqoko esi-1 ohlotsheni ngalunye.

Ukhokha malini seyijonke?

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

Uthenga ziphi ezinye izigqoko? Khombisa izindlela ezi-2.

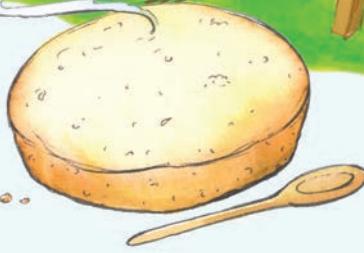
Hlol!
Qhathanisa!
Lungisa!

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 ukhili mu

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

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

b. Thikha (✓) impendulo efanele.

I litha likakhili mu ligcwala: amakhekhe ayi-10; amakhekhe ayi-7;
amakhekhe ayi-8



Izibalo ezisheshayo.

Hlola!
Qhathanisa!
Lungisa!

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



96

Usuku:

Okunyeengemininingwane

Ithemu 3



Esiteshini samaphoyisa.

Amaphoyisa amahlanu enza umsebenzi ongafani. Aphi njengamanje ngalinye?

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

Bhala igama lalowo: Osedeskini.

Ozulazulayo.

Osenkantolo.



Usuku Iwezihlahla.



Izikole ezinhlanu ziyaqhudelana ukubona ukuthi yisiphi esizotshala izihlahla eziningi kakhulu

ngoSuku Iwe-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?

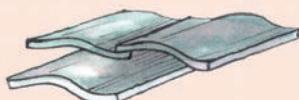
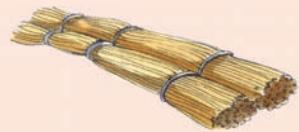
abantwana beBanga lesi-3 benza inhlolovo elokishini langakubo.

Bafuna ukuthola imininingwane ngezinhlolo 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:

97



Usuku:

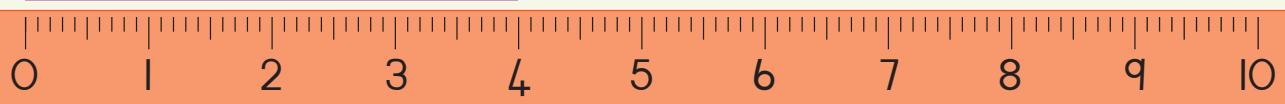
Usuku

Ukusebenza ngamasentimitha

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.

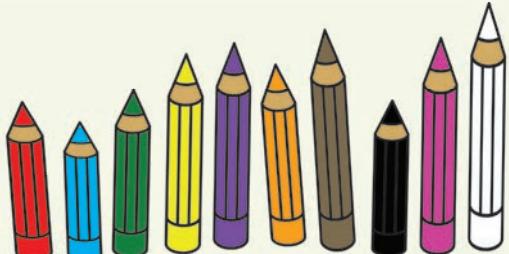
- a. Ubude bencwadi _____
- b. Ukuphakama kwesivalo _____
- c. Ubude bepensela _____
- d. Ukuphakama kwakho _____
- e. Ubude bomunwe wakho _____

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



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

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



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





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
			795					800

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

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

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

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

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

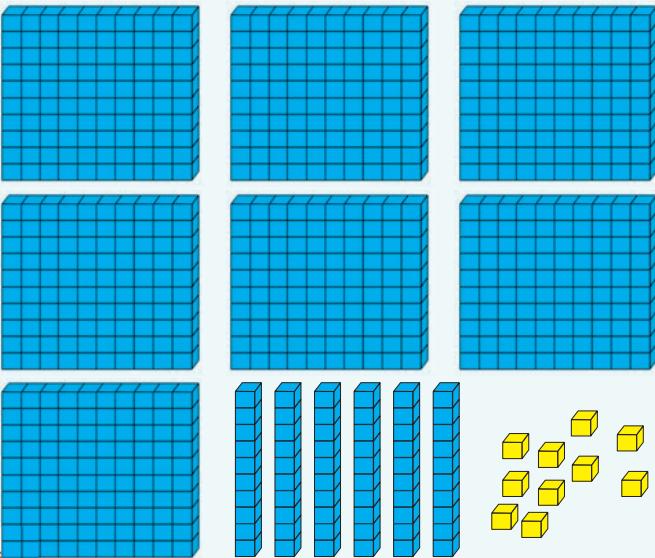
751; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; 773

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

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



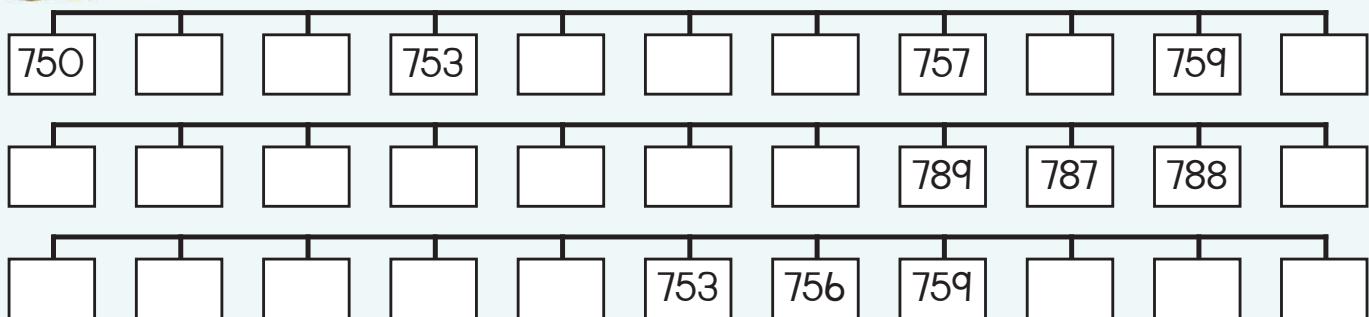
Uthola amabhulokhi amangaki uma uwabala?



Uwabale kanjani amabhulokhi?



Qedela umugqa wezinombolo.



Qedela
ithebhula.

Bhala usuke kokuncane
kunakho konke uye
kokukhulu kunakho konke.

Bhala usuke kokukhulu
kunakho konke uye
kokuncane kunakho konke.

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



Bhala lokhu okulandelayo ngamagama.

788

Teacher:

Sign:

Date:



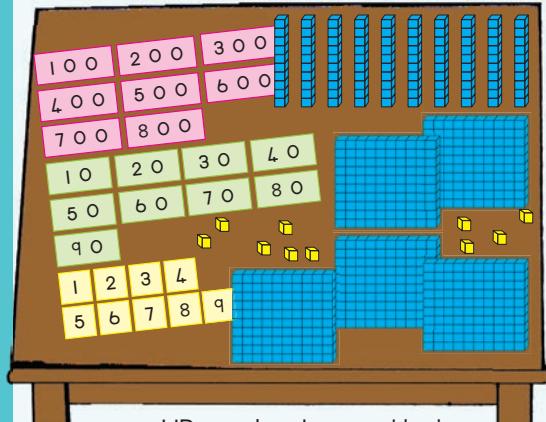
qq

Okunye ngezinombolo

ama-700 kuya ema-800

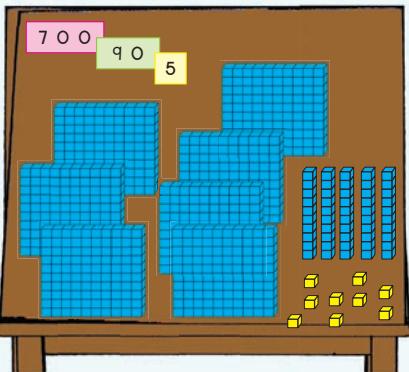
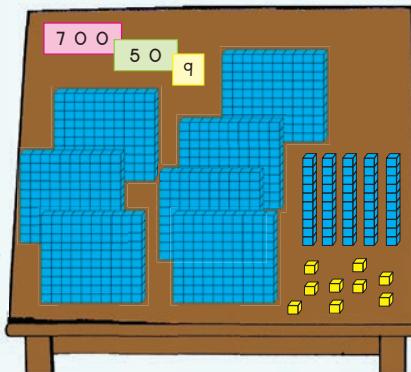
Usuku:

Ithemu 4



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

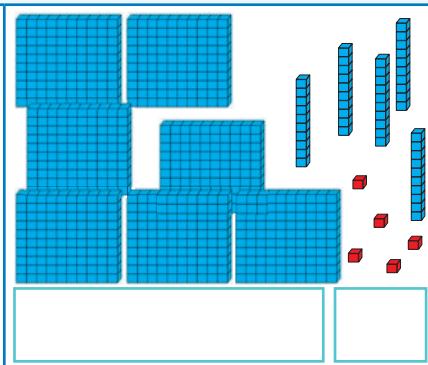
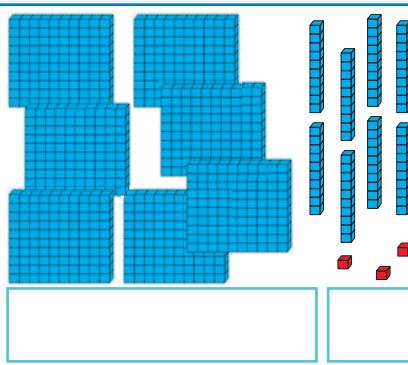
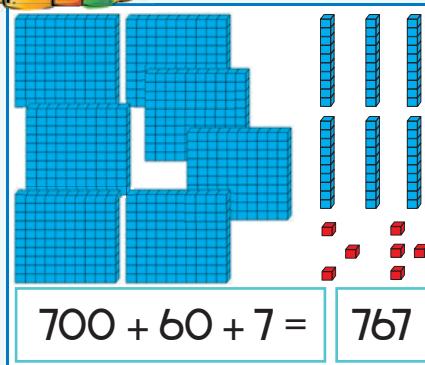
Okukhonjiswe wuBen yilokhu.
Ngabe yini angayenzanga kahle?



UPeter ubevele enamakhadi
anezinombolo zalezi zikhundla
ezilandelayo kanye namabhulokhi
amashumi.



Bhala umusho wezinombolo kanye nempendulo.



Bhala umusho wezinombolo kanye nempendulo.

700

90

q

$700 + 90 + q$

=

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

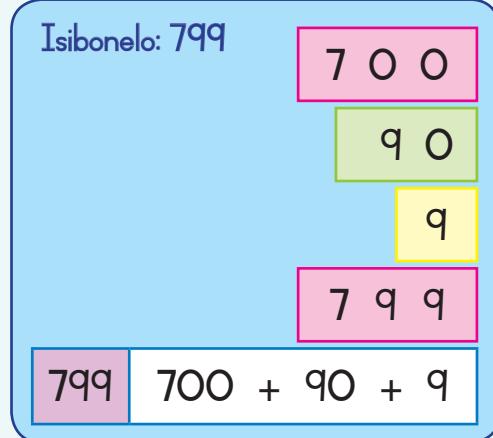


Hlahlela inombolo yakho.

- a. Yakha inombolo ngayinye ngamakhadi.
 b. Bhala izinombolo ngokwezikhundla zazo ngayinye.

Yenza lokhu-ke manje: Hlahlela inombolo yakho.

790	
689	
699	
755	
690	



Bhala izinombolo ngamagama azo.

668	
757	
799	
742	
691	



100



Usuku:

Ithemu 4



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.

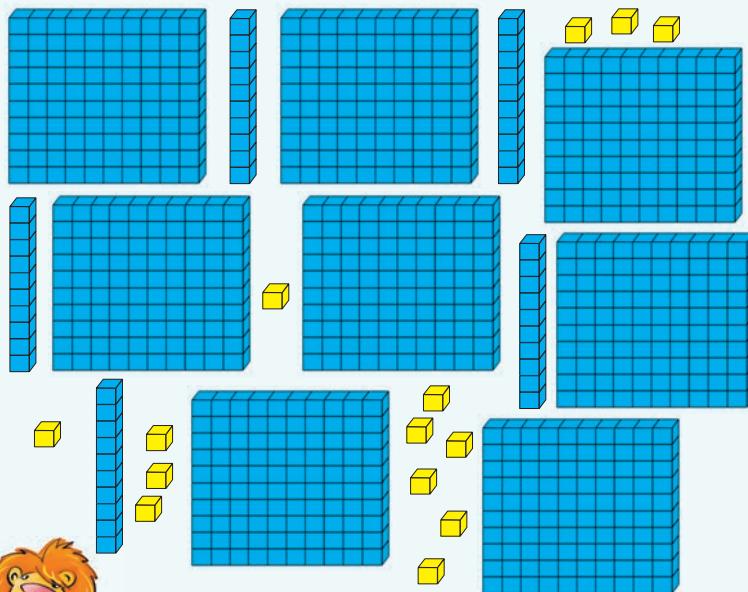
807; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; 829

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

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



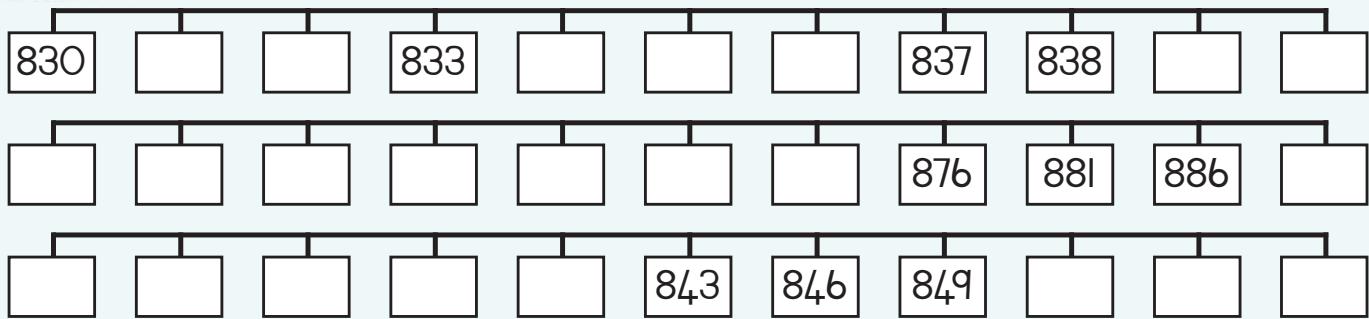
Uthola amabhulokhi amangaki uma uwabala?



Uwabale kanjani amabhulokhi?



Qedela umugqa wezinombolo.



Qedela
ithebhula.

Bhala usuke kokuncane
kunakho konke uye
kokukhulu kunakho
konke.

Bhala usuke kokukhulu
kunakho konke uye
kokuncane kunakho
konke.

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



Bhala lokhu okulandelayo ngamagama.

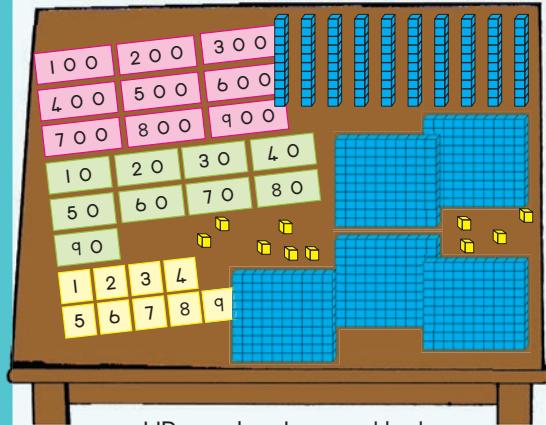
845

Teacher:
Sign:
Date:

Okunye ngezinombolo

ama-800 kuya ema-900

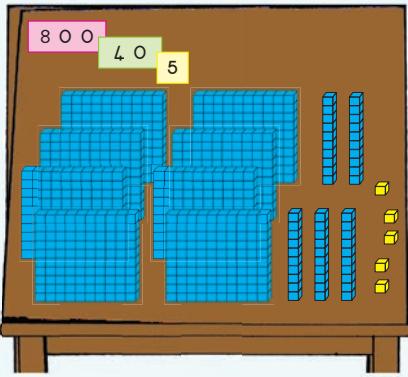
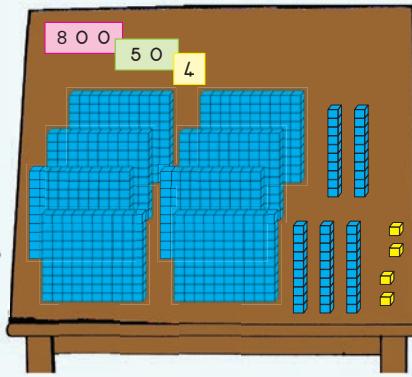
Usuku:



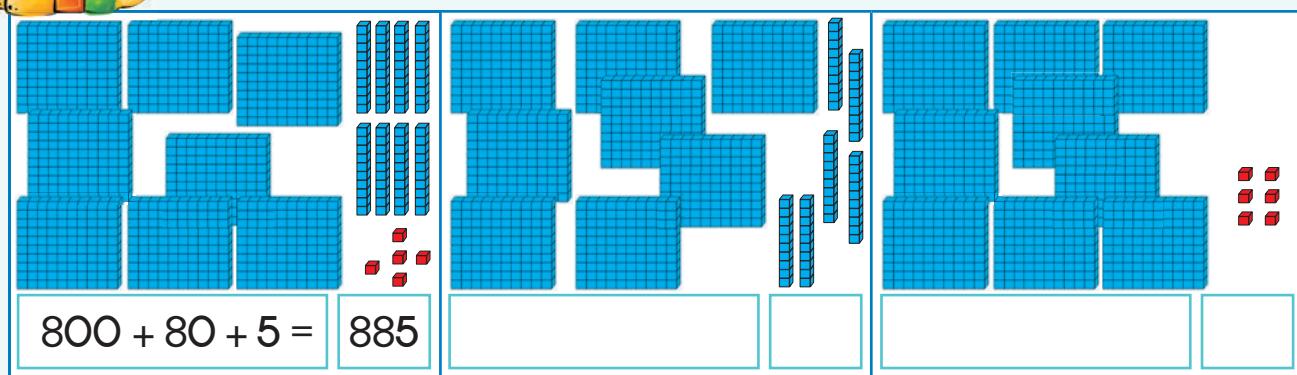
UPeter ubevele enamakhadi
anezinombolo ngokwezikhundla
zezinombolo kanye namabhulokhi
amashumi.

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

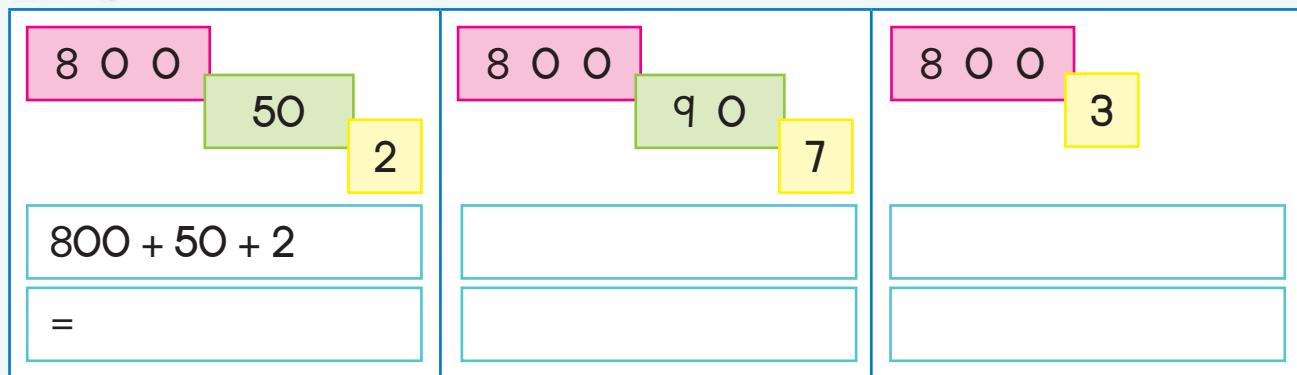
Okukhonjiswe wuBen yilokhu.
Ngabe yini angayenzanga kahle?



Bhala umusho wezinombolo kanye nempendulo.



Bhala umusho wezinombolo kanye nempendulo.





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

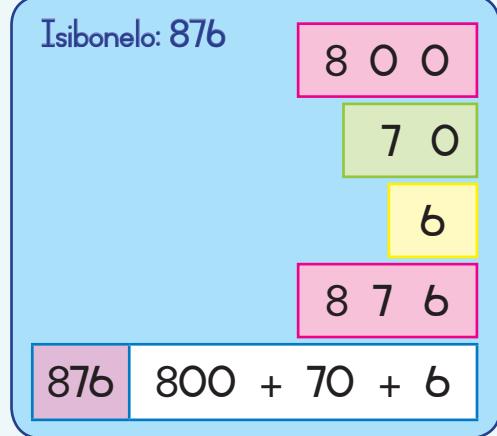


Hlahlela inombolo yakho.

- a. Akha inombolo ngayinye ngamakhadi.
 b. Bhala ubungako benombolo ngokwesikhundla sayo.

Yenza lokhu-ke manje: Hlahlela inombolo yakho.

890	
889	
802	
855	
840	



Bhala izinombolo ngamagama azo.

889	
825	
803	
830	
899	





Ukukala sisindo 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-45 kg.



Le mikhiqizo isinda kangakanani uma ibekwe ndawonye?

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



Buka lezi zithombe bese uphendula imibuzo.

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



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



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



Qedela ithebhula.

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

Into	Hlawumbisela	Isikali	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.





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 enyangeni iba nesisindo esifanayo kodwa isikali siyithola ilula ngenxa yobulula bamandla enyanga uma eqhathaniswa nawomhlaba.

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

Izikali ezahlukene

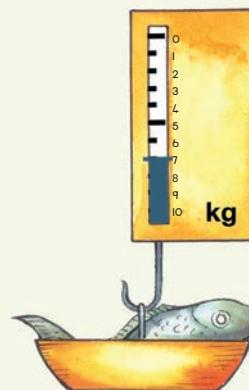
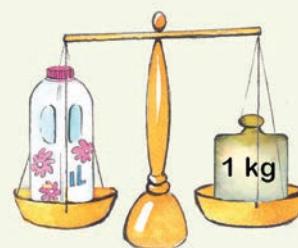
Sisebenzisa izinhlobo ezahlukene ukukala isisindo. Sisebenzisa ezilinganisayo kanye nezisebenzisa isipilingi.

Ilitha lamanzi linesisindo sekhilogramu eli-l.

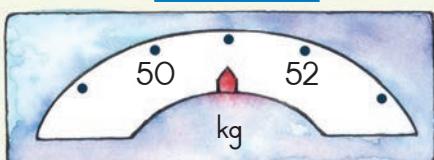
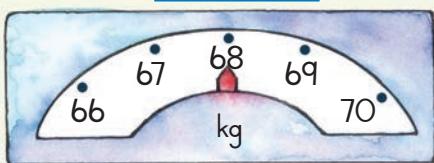
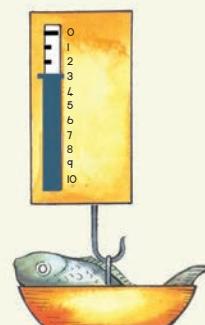
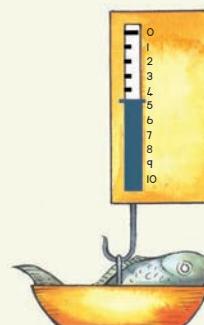
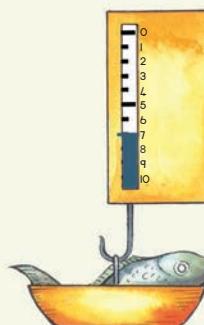
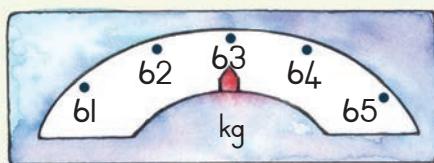


Thola isisindo salokhu.

Bhala isisindo ngama-kg esikhonjiswa esikalini ngasinye sespringi.



Le nhlanzi inesisindo samakhilogramu ama-3.

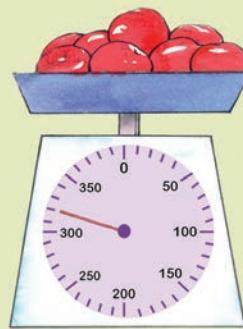




Sisebenzisa amagramu ukukala isisindo sezinto ezincane nezilula kanye nokukala amaqhezu ekhilogramu.

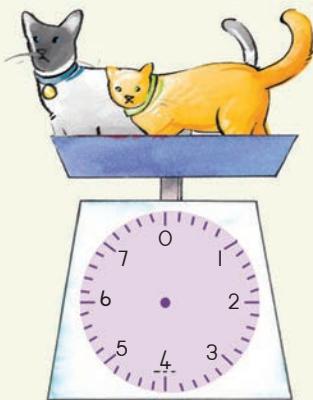
$$1000 \text{ g} = 1 \text{ kg}$$

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



Zikala isisindo esingakanani?

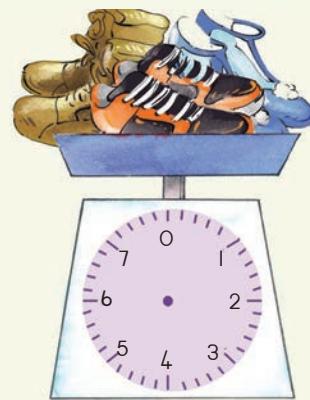
Dweba lapho uluthi lwasikali kumele luye khona esikhathini ngasinye.



7 kg



4 kg



6 kg



Yakha ikhilogramu.

Hlanganisa wenze 1 kg (1 000 g).

- $125 \text{ g} + 250 \text{ g} + 125 \text{ g} + \underline{\hspace{2cm}} \text{ g} = 1000 \text{ g} (1 \text{ kg})$
- $50 \text{ g} + 30 \text{ g} + 240 \text{ g} + 60 \text{ g} + 100 \text{ g} + \underline{\hspace{2cm}} \text{ g} = 1 \text{ kg}$
- $57 \text{ g} + 46 \text{ g} + 243 \text{ g} + 334 \text{ g} + \underline{\hspace{2cm}} \text{ g} = 1000 \text{ g} (1 \text{ kg})$
- $50 \text{ g} + 90 \text{ g} + 160 \text{ g} + \underline{\hspace{2cm}} \text{ g} = 1000 \text{ g} (1 \text{ kg})$



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.

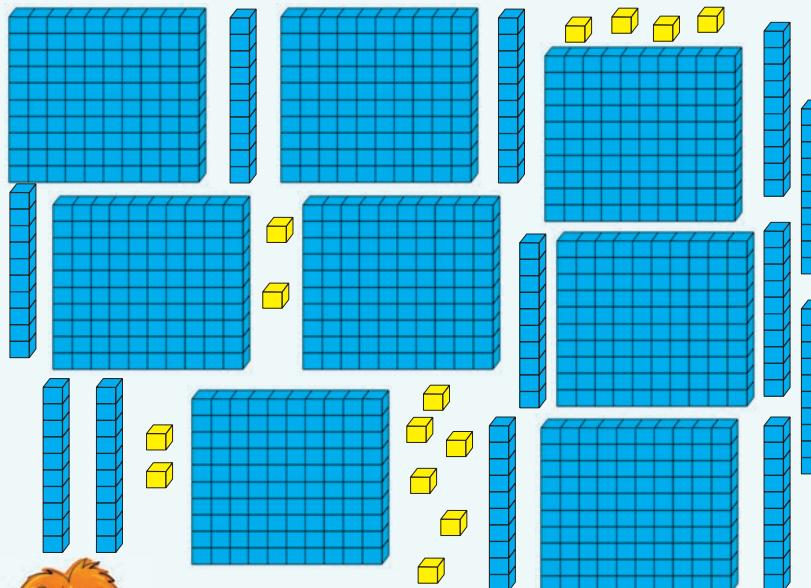
945; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; 967

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

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



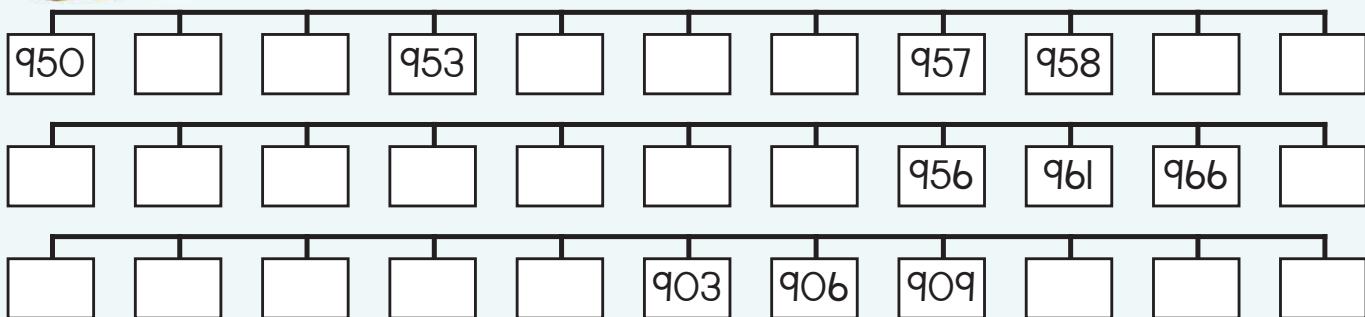
Uthola amabhulokhi amangaki uma uwabala?



Uwabale kanjani amabhulokhi?



Qedela umugqa wezinombolo.



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		



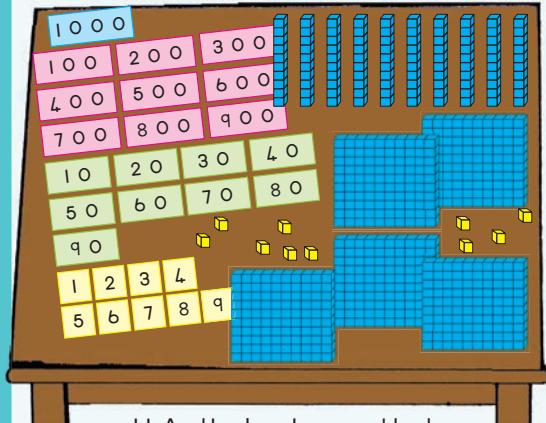
Bhala lokhu okulandelayo ngamagama.

695



Okunye ngezinombolo ama-800 kuya e-1 000

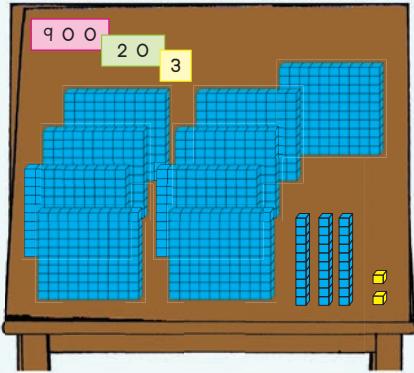
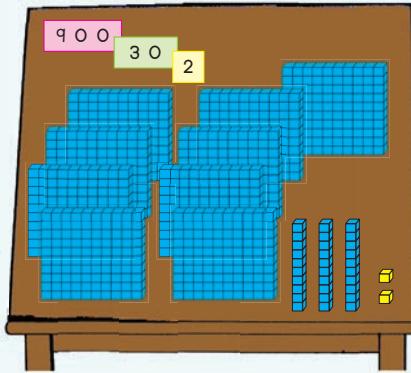
Usuku:



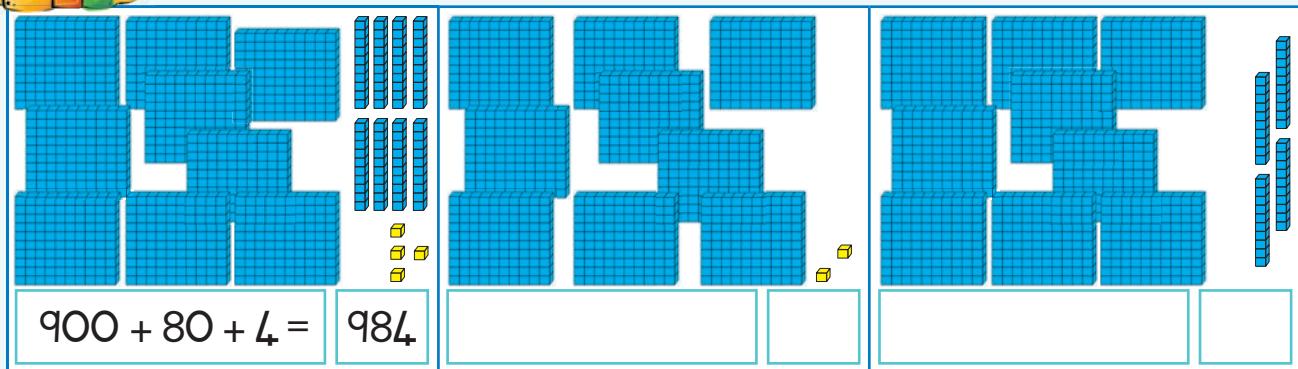
U-Andile ubevele enamakhadi
anezinombolo ngokwezikhundla
kanye namabhulokhi amashumi.

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

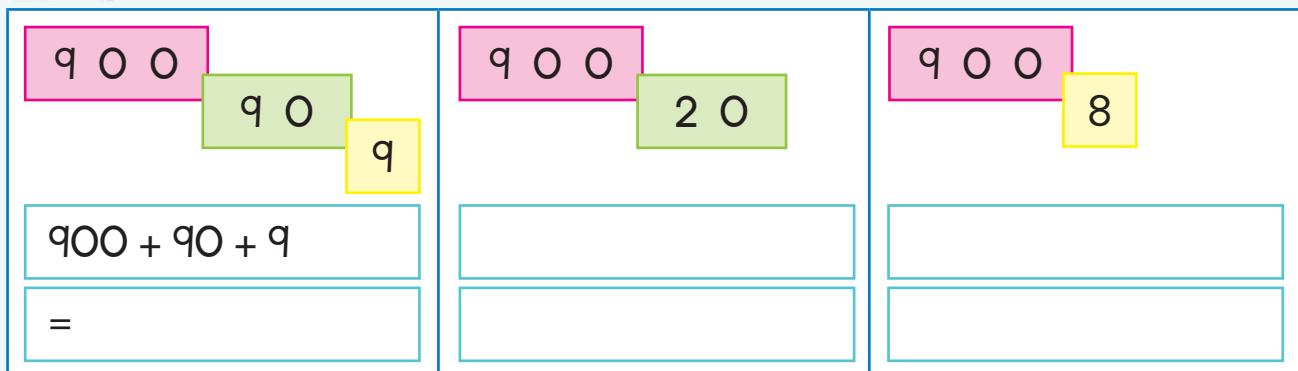
Okukhonjiswe wuGugu yilokhu.
Ngabe yini angayenzanga kahle?



Bhala umusho wezinombolo kanye nempendulo.



Bhala umusho wezinombolo kanye nempendulo.





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

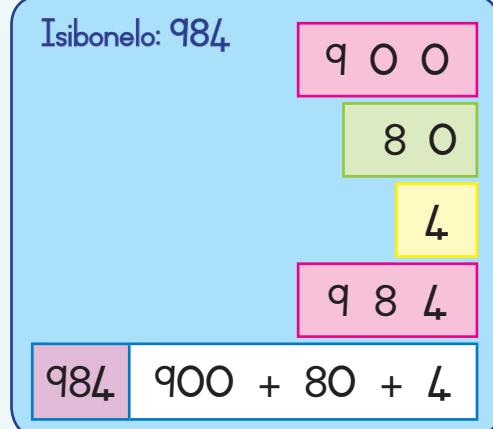


Hlahlela inombolo yakho.

- a. Yakha inombolo ngayinye ngamakhadi.
 b. Bhala ubungako benombolo ngokwesikhundla sayo.

Yenza lokhu-ke manje: Hlahlela inombolo yakho.

922	
959	
980	
907	
931	



Bhala izinombolo ngamagama azo.

976	
905	
950	
821	
909	

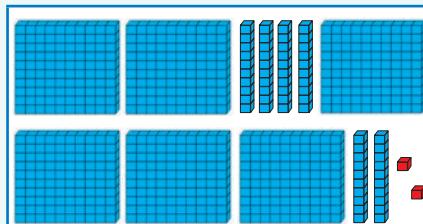


Ukuhlanganisa nokususa okufinyelela ema-qqq

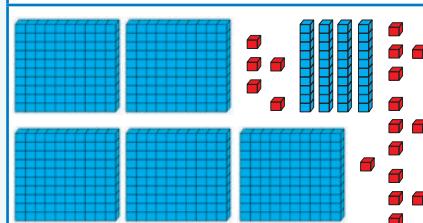
Usuku:



Bhala umusho wezinombolo ngalokhu ngakunye.



Chaza ukuthi uwabale kanjani amabhulokhi?



Chaza ukuthi uwabale kanjani amabhulokhi?



Landela isibonelo.

5 0

5 0

Ukuphinda kibili ama-
50 kwenza i-100

3 0 0

3 0 0

2 0 0

2 0 0

3

3



Sebenzisa okuthi akuphindeke kibili ukuxazulula
lokhu okulandelayo: Landela isibonelo.

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



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

a. Ukuphinda kabili ama-340

$$= 340 + 340$$

$$= \text{Ukuphinda kabili ama-340}$$

$$= 300 + 300 + 40 + 40$$

$$= 600 + 80$$

$$= 680$$

b. $340 + 341$

$$= \text{Ukuphinda kabili ama-340} + 1$$

$$= 300 + 300 + 40 + 40 + 1$$

$$= 600 + 80 + 1$$

$$= 681$$

c. $470 + 470$

d. $461 + 462$



Xazulula lesi sibalo:



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

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

Abantwana beBanga lesi-3 banezingaki?

Teacher:
Sign:
Date:



Mayelana nendlu



Usuku lokubhaka.

UMamncane uPhindi ubhaka isinkwa kuhhavini wakhe.

Khombisa isikhathi kula mawashi.



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

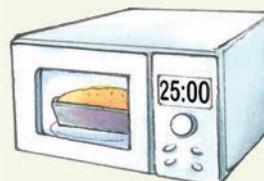
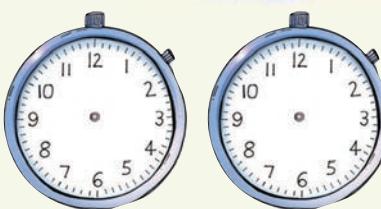
Ukhipha isinkwa imizuzu **imihlanu ngemva kwelesihlanu**.

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 uh havini? Imizuzu e- .



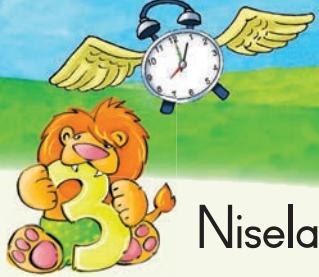
**Imisebenzi
yasekuseni.**



NgoMqqibelo ekuseni uMusa noPalesa basiza umama endlini.

Uthatha isikhathi esingakanani umsebenzi ngamunye?

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



Nisela esivandeni.

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

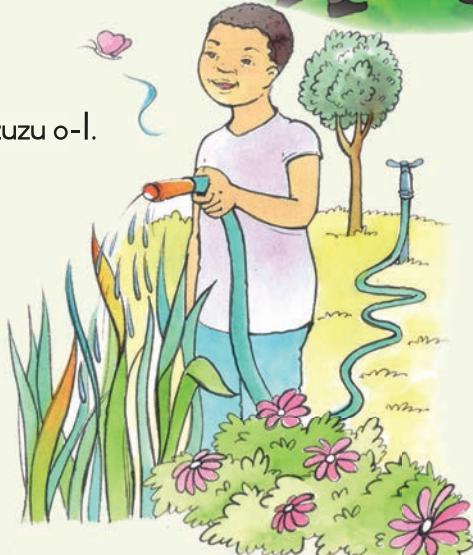
Mangaki amalitha amanzi elikwazi ukuwasebenzisa ipayipi?

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 aphiinde athengise ukhari. Ngesonto eliodwa usebenzisa amafutha angamamililitha angama-750.

Ubhala phansi ukuthi usebenzise amafutha angakanani usuku nosuku.

ngomsomb	ngolwesib	ngolwesith	ngolwesin	ngolwesihi	ngomgq	ngeSont
98 ml	122 ml	108 ml	117 ml	109 ml	135 ml	?

- Mangaki amamililitha (ml) kawoyela awasebenzisa kusukela ngomsombuluko kuze kube ngomgqibelo? _____ ml
- Mangaki amamililitha (ml) kawoyela awasebenzisa ngeSonto? _____ ml
- Ibhoddlela eliodwa likawoyela elingama-750 amamililitha (ml) libiza R18.50.

Amabhoddlela ama-4 abiza? _____.

Hlola!
Qhathanisa!
Lungisa!





Ukusebenza ngemali

Ukubala imali eyizinhlamvu nemali engamaphepha.

$10 \times \text{R}10 = \text{R} \underline{\hspace{2cm}}$	$20 \times \text{R}10 = \text{R} \underline{\hspace{2cm}}$	$50 \times \text{R}10 = \text{R} \underline{\hspace{2cm}}$
$10 \times \text{R}20 = \text{R} \underline{\hspace{2cm}}$	$20 \times \text{R}20 = \text{R} \underline{\hspace{2cm}}$	$50 \times \text{R}20 = \text{R} \underline{\hspace{2cm}}$
$10 \times \text{R}50 = \text{R} \underline{\hspace{2cm}}$	$20 \times \text{R}50 = \text{R} \underline{\hspace{2cm}}$	$50 \times \text{R}50 = \text{R} \underline{\hspace{2cm}}$
$10 \times \text{R}100 = \text{R} \underline{\hspace{2cm}}$	$20 \times \text{R}100 = \text{R} \underline{\hspace{2cm}}$	$50 \times \text{R}100 = \text{R} \underline{\hspace{2cm}}$
$10 \times \text{R}200 = \text{R} \underline{\hspace{2cm}}$	$20 \times \text{R}200 = \text{R} \underline{\hspace{2cm}}$	$50 \times \text{R}200 = \text{R} \underline{\hspace{2cm}}$
$100 \times \text{R}10 = \text{R} \underline{\hspace{2cm}}$	$100 \times \text{R}50 = \text{R} \underline{\hspace{2cm}}$	$100 \times \text{R}100 = \text{R} \underline{\hspace{2cm}}$
$100 \times \text{R}20 = \text{R} \underline{\hspace{2cm}}$	$100 \times \text{R}100 = \text{R} \underline{\hspace{2cm}}$	

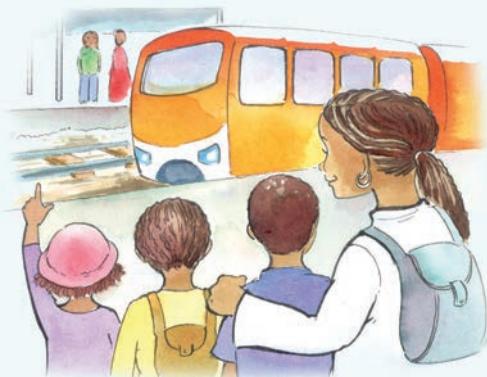


Uhambo ngesitimela.

UKgethi nabantwana bakhe aba-3 bahamba ngesitimela.

Abadala nabantwana bakhokha imali efanayo.

UKgethi ukhokha ngemali yamaphepha.



Uthola ama-R30 ushintshi.

Libiza malini ithikithi 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 ethhebhulenai.

		Hlawumbisela	Isamba
uMsombuluko	R50 + R75 + R200 + R350 + R25		
uLwesibili	R25 + RI75 + R50 + R320 + R90		
uLwesithathu	R50 + R75 + R200 + R350 + R25		
uLwesine	RI20 + R55 + RI80 + R245 + R25		
uLwesihsanu	R60 + RI50 + RI40 + R200 + RI25		
uMgqibelo	R50 + R75 + R200 + R350 + R25		
iSonto			



Thola ukuthi ushintshi ungakanani.

Ukuthola ushintshi kumele uhlanganise inani lezinto nemali oyikhiphile.

Isibonelo:	+ 50c	+ R2	+ R10	+ R100
UPalesa uthenga ukudla ngama- R87,50	R87,50	R88	R90	R100
Ukhokha ngama-R200 ayiphepha.				
Ungakanani ushintshi wakhe?				

50c + R2 + R10 + R100 = RII2,50 ushintshi

Sebenzisa umusho wezinombolo ukukusiza uthole ushintshi.

Inani: R229,40 Kukhokhwa nge:-	 	
Inani: R305,60 Kukhokhwa nge:-	 	





Masixazulule le nkinga.

UGugu uqoqe izitikha ezingama-234.

UMandla umnike ezingama-501.

Zingaki izitikha anazo sezizonke?

Uthini umbuzo?

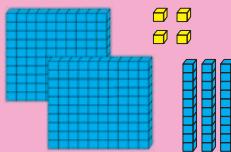
Zingaki izitikha anazo sezizonke?

Yiliphi igama elimqoka? **Sezizonke**

Yiziphi izinombolo? **234 nama-501**

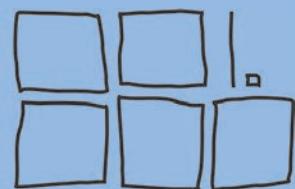


Nakhu okwenziwe nguGugu
ukuxazulula inkinga.



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.

UThembzi 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: <input type="button" value="Masihlanganise"/> <input type="button" value="Masisuse"/>
Yenza umdwebo.	Sebenzisa indlela yakho ukuxazulula le nkinga.

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

Uthini umbuzo?

Zithini izinombolo?	Yiliphi igama elibalulekile? Thikha impendulo efanele. Igama elibalulekile lisitshela ukuthi masenze lokhu: <input type="button" value="Masihlanganise"/> <input type="button" value="Masisuse"/>
Yenza umdwebo.	Sebenzisa indlela yakho ukuxazulula le nkinga.



109

Ukuhlanganisa nokususa kuye ema-qqq futhi

Usuku:

Ithemu 4

Buka lo mdwebo bese uwuchaza.



Qedela lokhu:

a. $223 + 223 =$ _____.

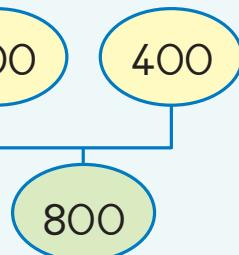
b. $160 + 160 =$ _____.

c. $115 + 115 =$ _____.

d. $315 + 315 =$ _____.



Ukuphinda kibili



Bhala lezi zinombolo.

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

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

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

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

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

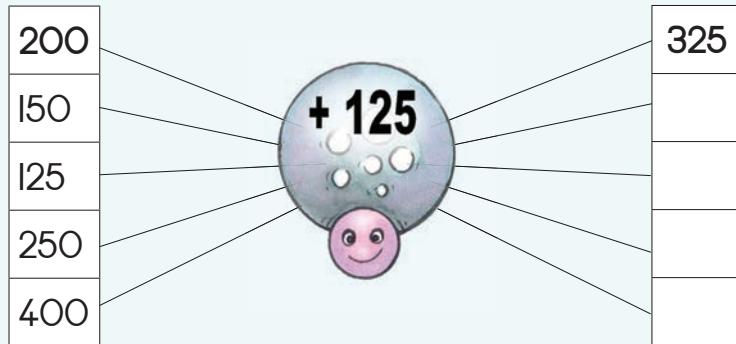
f. Uhhafu wama-300 ngama-_____.

g. Ukuphinda kibili ama-420 kuba _____.

h. Uhhafu wama-600 ngama-_____.



Hlanganisa 125





Yini engenza-I 1000?

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

Thola iminden'i yezinombolo ezine

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



$123 + 77 = \boxed{}$	$\boxed{} - 77 = 123$	$\boxed{} - 123 = 77$
$650 + \boxed{} = 800$	$800 - 650 = \boxed{}$	$\boxed{} + 650 = 800$
$1000 - 250 = \boxed{}$	$1000 - \boxed{} = 250$	$250 + \boxed{} = 1000$
$56 + \boxed{} = 300$	$300 - \boxed{} = 56$	$\boxed{} + 56 = \boxed{}$
$820 + \boxed{} = 1000$	$1000 - \boxed{} = 820$	$1000 - 820 = \boxed{}$

Hlola!
Qhathanisa!
Lungisa!

Hlanganisa uphind'e 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:

$$925 + 53 = \boxed{} \quad 571 + 202 = \boxed{} \quad 786 + 75 = \boxed{} \quad 903 + 95 = \boxed{}$$



110

Usuku:



Amaphazili okukala

Ithemu 4

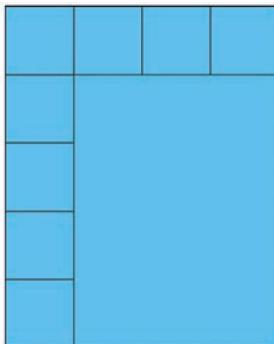


Thola ububanzi bendawo.

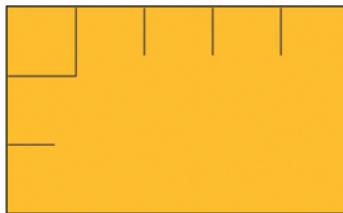
Zingaki izikwele ozidinga ukuqedela isembozo ngasinye?

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

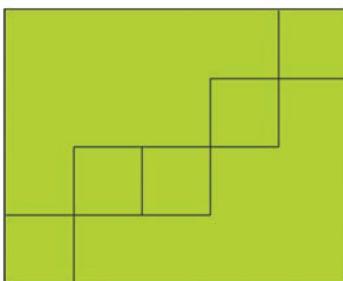
a.



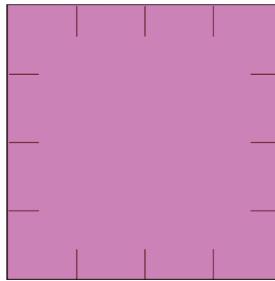
b.



c.



d.



Xazulula isiphicaphicwano.



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

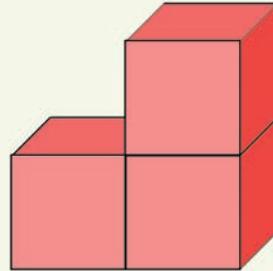
Siyakucebisa: kunezindlela ezimbili okungenani.



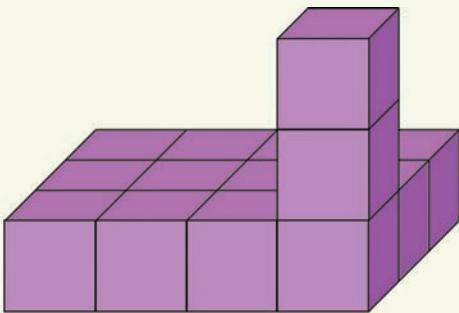
Ubonani?

Amabhokisi amathathu ananyathisewa ngeglu kulesi sithombe.

Uma ucosha izingxenye ezhlanganisiwe 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?





Usuku:

Amaphethini ezinombolo: amashumi kuya ema-900

Ithemu 4

Masibale ngamashumi ukusuka ema-810 kuya ema-900.

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



Zenza phethini lini izinombolo ezikokelezelwe?

Okukokelezewo ngombala obomvu : Ukubala nga- _____.	Bhala iphethini lalokho: _____
Okukokelezewo 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



enyandenin .

- | | | |
|----|-----------------|-----|
| 1 | = izinduku ezi- | 10 |
| 2 | = izinduku ezi- | 20 |
| 3 | = izinduku ezi- | 30 |
| 4 | = izinduku ezi- | 40 |
| 5 | = izinduku ezi- | 50 |
| 6 | = izinduku ezi- | 60 |
| 7 | = izinduku ezi- | 70 |
| 8 | = izinduku ezi- | 80 |
| 9 | = izinduku ezi- | 90 |
| 10 | = izinduku ezi- | 100 |



- | | |
|-----|-----------------|
| 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 emqgeni = izinduku ezi-100

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

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

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

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



$$10 \times 10 = 100$$

$$20 \times 10 =$$

$$40 \times 10 =$$

$$100 \times 10 =$$



Zingaki izinyanda?

Izinduku ezi-700 zakha izinyanda ezi-

Izinduku ezi-900 zakha izinyanda ezi-

Izinduku ezi-1 000 zakha izinyanda ezi-



II2

Usuku:

Ukusondezela eshumini

Ithemu 4

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



Khumbula ukubheka imivo uma usondezela eshumini eliseduze.

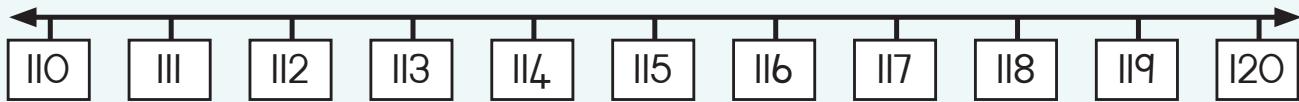


Sondezela lokhu e-10.



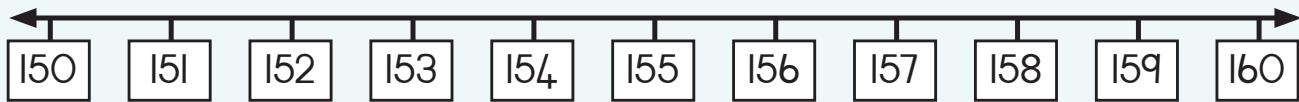
I-II4 elisondezelwe lenza?

I-II7 elisondezelwe lenza?



I-I59 elisondezelwe lenza?

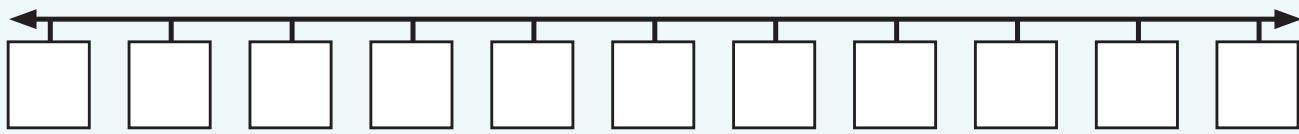
I-I51 elisondezelwe lenza?



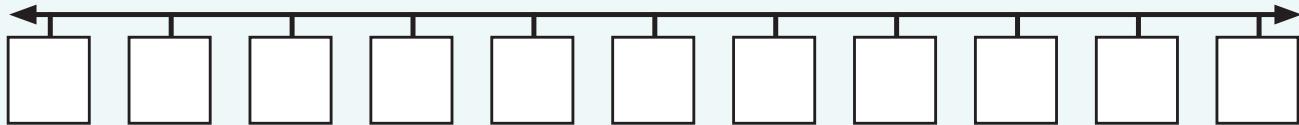
Sondezela eshumini eliseduze.

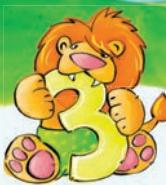
Dweba owakho umugqa wezinombolo.

I95



945





Sondezela e-10 eliseduze.

Ngaphambili kokusondezela eshumini:

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

a. I-128 uma lisondezela 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?

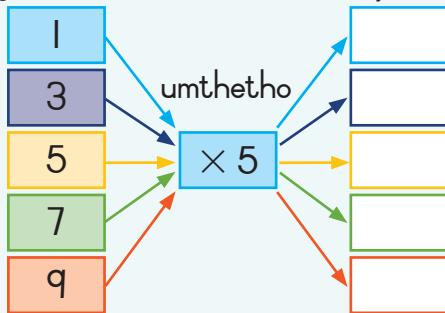
UMbali nabangani aba-8 bazoba nosuku lokuzithokozisa esikoleni. Bazokhokha ama-R4 umuntu ngamunye. UMbali kunemali ayongile wayesethi uzobakhokhela abangani bonke. Wayeseya emshinini wemali wayoyikhapha. Umshini umnike imali engamaphepha kuphela. Mangaki ama-RIO angamaphepha azowadinga?





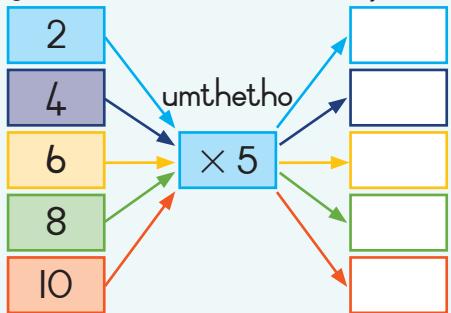
Qedela ishadi lokulandelanayo.

okungenisiwe



okukhiqiziwe

okungenisiwe



okukhiqiziwe



Qedela ithebhula elingezansi:

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



Bala:

$$12 \times 5$$

$$\begin{aligned}
 &= (10 + 2) \times 5 \\
 &= 50 + 10 \\
 &= 60
 \end{aligned}$$

$$11 \times 5$$

$$13 \times 5$$

$$\begin{aligned}
 &= (10 + 3) \times 5 \\
 &= 50 + 15 \\
 &= 50 + 10 + 5 \\
 &= 65
 \end{aligned}$$

$$13 \times 5$$



$$45 \div 5$$

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

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

$$= 8 + 1$$

$$= 9$$

$$75 \div 5$$

$$48 \div 5$$

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

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

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

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

$$13 \div 5$$

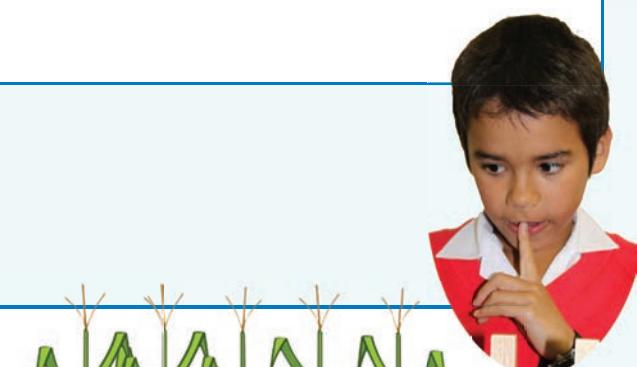


Xazulula lesi sibalo:

Ingadi yemifino inemigqa eyi-14 yezitshalo.

Umugqa ngamunye unezitshalo ezilinganayo ngobuningi.

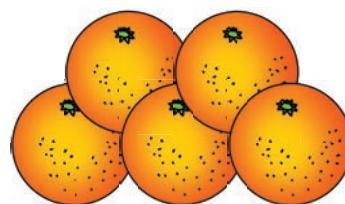
Uma kunesamba sama-70 ezitshalo, zingaki izitshalo ezisemgqeni ngamunye?



UDavide uthengisa amawolintshi ngamahlanu.

Unamawolintshi angama-85.

Uzogcwalisa amasaka amangaki?



Amaphethini ezinombolo: okuhlanu kuya e-I 000

Usuku:

Masibale ngakuhlanu kusukela ema-805 kuya ema-900.

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



Phethini lini elivezwa yizinombolo ezikokelezelwe?

Okukokelezewo ngombala osasibhakabhaka :	Ukubala nga- _____.
Bhala iphethini lalokho:	
Okukokelezewo ngombala obukhwbezana :	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	1 000



Gcwalisa izinombolo ezidingekayo.

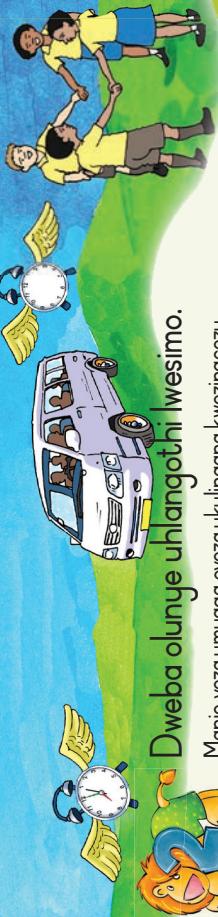
Mahluko muni okhona phakathi kwezinombolo ezisatshani kanye nezibukhwbezana ezisemqgeni owodwa?



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, _____	





Okungengokullingana

15



Iribuko, isibuko.

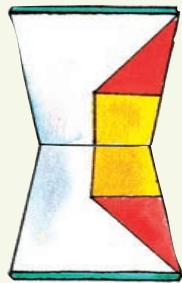
Dala nomngani nisebenzise isethi eyodwa yamaphazili afana namathajili (ane-14 lezingcezu) kokusikwajokwe-10.

Umdlali ngamunye unohhafu wezingcezu (izingcezu eziji-7) zezimo zephazli ezingamathajili. Alukho ucezu olufana nolunye.

Dweba umugqa phakathi nephepha. Lenxenyen izobizwa ngokuthi "wumugqa ogqamile".

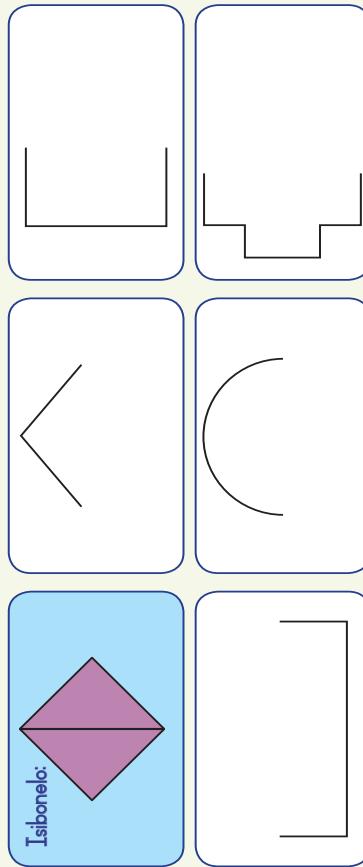
Umdlali wokuqda ubeka ucezu lwakhe oludawa eduze komugqa.

Umdlalo wesibili ubeka umugqa ogqamile ngale komunye umugqa. Kumele kuwuthinte umugqa lowo noma kutuhinti isimo ebesivele sibekwe.

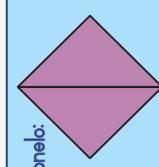


Dweba olunye uhhangothi lwasimo.

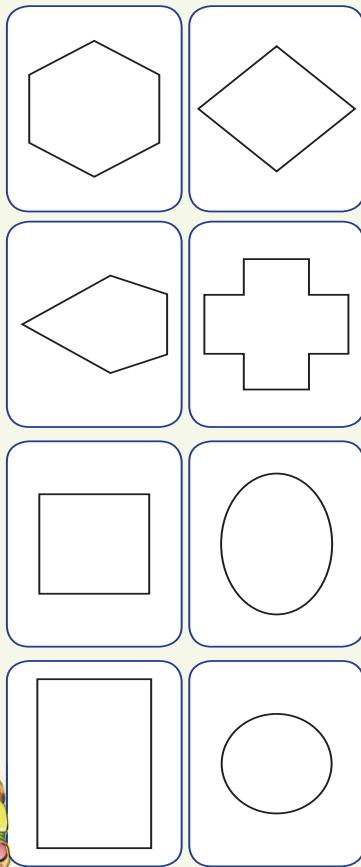
Marije vezza umugqa oveza ukullingana kwezingcezu.



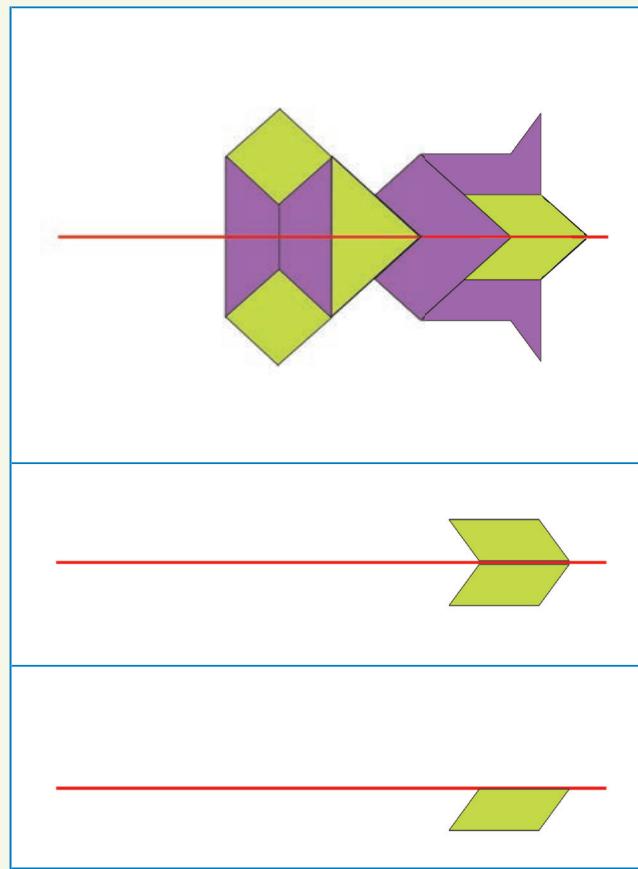
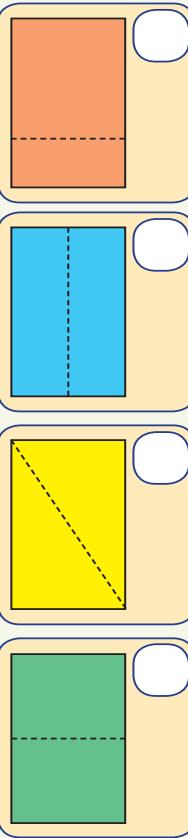
Iriboko:



Dweba umugqa oveza ukullingana kwezingcezu kulokhu okulandelayo:



Thikhha izimo ezinemigqa efanele ekhombisa ukullingana kwezingcezu.





Amaphethini ezi**n**ombolo: okungakubili kuze kufinyelele ema-900

Masibale ngakuhanu 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

Ithemu 4

Ugweje nokungelona ugweje.

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

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

b. Phendula uthi ugweje noma akulona ugweje.

Hlanganisa izinombolo ezimbili ezilugweje. Uthola inombolo _____

Hlanganisa izinombolo ezingelona ugweje. Uthola inombolo _____

Hlanganisa izinombolo ezintathu ezilugweje. Uthola inombolo _____



Ukutshala izihlaha.

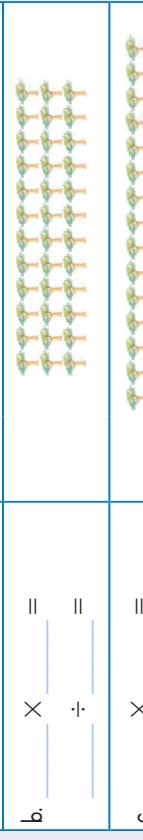
Lena yindella eqondile yokutshala izihlaha ezingama-48 emiggeni ellinganayo.



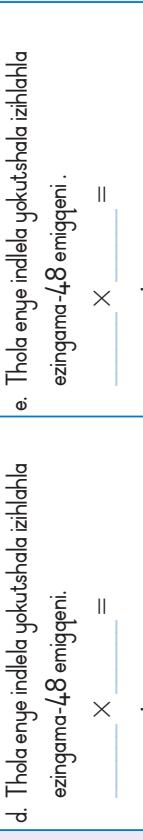
Sibhalo: $2 \times 24 = 48$ (imigqa emi-2 yezihlaha ezingama-24 = 48) nomu
 $48 \div 2 = 24$ (izihlaha ezingama-48 emiggeni emi-2 ellinganayo zenza izihlaha ezingama-24 emiggeni). Balaimigqa kanye nezihlaha esithombeni ngasinye ngezansi.
Bhalau umusho wezinombolo onphawu \times kanye nophawu \div ukugondanisa.



a. _____ \times _____ =
_____ \div _____ =



b. _____ \times _____ =
_____ \div _____ =



c. _____ \times _____ =
_____ \div _____ =

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 =

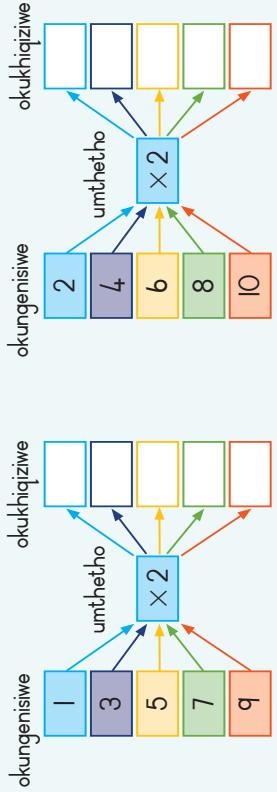
11 12 13 14 15 16 17 18 19 20

Ukuphindaphinda nokuhluukanisa: okungakubili kuze kufinyelele e-100

Uusku



Qedela ishadi lokulandelanayo.



Qedela ithebhula elingezansi:

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

$$\begin{aligned}
 46 \div 2 &= (40 + 6) \div 2 \\
 &= (40 \div 2) + (6 \div 2) \\
 &= 20 + 3 \\
 &= 23
 \end{aligned}$$

$$\begin{aligned}
 47 \div 2 &= (40 + 7) \div 2 \\
 &= (40 \div 2) + (7 \div 2) \\
 &= 20 + 3 \text{ kusala} \\
 &= 23 \text{ kusala}
 \end{aligned}$$



Balai:

12×2	11×2
---------------	---------------

$$\begin{aligned}
 12 \times 2 &= (10 + 2) \times 2 \\
 &= 20 + 4 \\
 &= 24
 \end{aligned}$$

$$\begin{aligned}
 18 \times 2 &= (10 + 8) \times 2 \\
 &= 20 + 16 \\
 &= 20 + 10 + 6 \\
 &= 36
 \end{aligned}$$



Xazulula lesi sibalo:

12×2	11×2
18×2	22×2

Ingadi yemfinio inemigqa engama-32 yezitshalo.

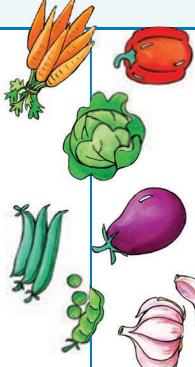
Umugqa ngamunye unezitshalo ezi-2.

Zingaki izitshalo ezikhona engadini?

Ingadi yemfinio inemigqa engama-40 yezitshalo.

Umugqa ngamunye unezitshalo ezi'inganayo ngenani.

Uma kunesamba sezitshalo ezikhona -80 zingaki izitshalo ezikhona emqgeni ngamunye?

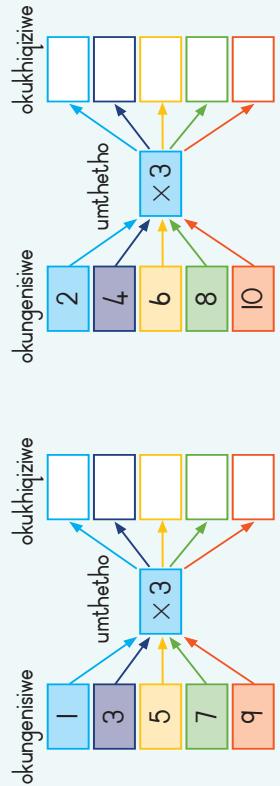


Teacher:
Sign:
Date:

Ulkuphinaphinda nokuhlukanisa: okuthathu kuuya e-100

Usuku

Qedela ishadi lokulandelanayo.



Qedela ithebhula elingezansi:

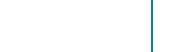
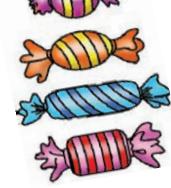
\times	1	2	3	4	5	6	7	8	9	10
3	3	6	9	12	15	18	21	24	27	30



Bala:



Xazulula lesi sibalo:



UMarlene unamaswidi angama-30.
Amaswidi kaJakobe angaphindwa kashumi kwakalManlene.

UJakobe unamaswidi amangak?

Ingadi yemfini inemigqa engama-29 yezitishdo.

Umugqa ngamunye unezitishdo ezi-3.

Zingaki izitishdo ezsengadini sezizonek?

$$\begin{aligned}
 & 12 \times 3 \\
 & = (10 + 2) \times 3 \\
 & = 30 + 6 \\
 & = 30 + 20 + 1 \\
 & = 51
 \end{aligned}$$

$$\begin{aligned}
 & 19 \times 3 \\
 & = 19 + 19 + 19 \\
 & = 57
 \end{aligned}$$

$$\begin{aligned}
 & 11 \times 3 \\
 & = 11 + 11 + 11 \\
 & = 33
 \end{aligned}$$

$$\begin{aligned}
 & 17 \times 3 \\
 & = (10 + 7) \times 3 \\
 & = 30 + 21 \\
 & = 30 + 20 + 1 \\
 & = 51
 \end{aligned}$$



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 elivezwu yizinombolo ezikokelezelwe?



Okukokelezelwe ngombola **ophink:**

Bhalo iphetini:

Ukubala nga- _____.

Okukokelezelwe ngombola **osatshani:**

Ukubala nga- _____.

Qedela la maphetini.



Faka umbala enombolweni edingekayo ebhulokhini elisatshani.

Faka umbala abomvu ezhkhaleni esimhlophe esinezinhombolo.

Phethini lini olibonaygo?

Ibhodi lezinombolo 901 kuya e-1 000.

901	902	903	904	905	906	907	908	909	910
912	922	924	925	927	928	929	930	931	940
931	933	934	936	937	938	939	940	942	948
951	952	954	955	956	957	958	959	960	961
961	963	964	966	967	968	969	970	971	990
971	972	973	975	976	977	978	979	980	981
981	982	984	985	986	987	988	989	990	991
991	993	994	996	997	998	999	1000		

Gcwalisa izinombolo ezidingekayo.

Faka umbala enombolweni edingekayo ebhulokhini elisatshani.

Faka umbala abomvu ezhkhaleni esimhlophe esinezinhombolo.

Phethini lini olibonaygo?

Ibhodi lezinombolo 901 kuya e-1 000.

a. Hlanganisa oku-4 kathathu ufinyelole ema-981.

b. Hlanganisa oku-5 kathathu ufinyelole ema-973.

c. Susa oku-4 kathathu ema-975.

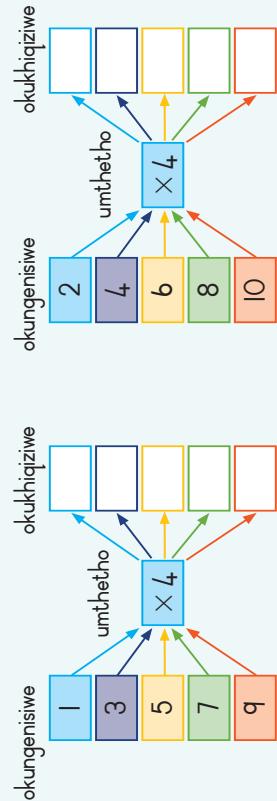
d. Susa oku-3 kathathu ema-947.

e. Hlanganisa oku-2 kathathu ufinyelole ema-932.

Ulkuphindaphinda nokuhlukanisa:

okune kuya e-100

Qedela ishadi lokulandelanayo.



	1	2	3	4	5	6	7	8	q	10
×										
4										

Itthemu 4

$$64 \div 4$$

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

$$45 \div 4$$

$$\begin{aligned}
 &= (40 + 5) \div 4 \\
 &= (40 \div 4) + (5 \div 4) \\
 &= 10 + 1\text{ kusala} \\
 &= 11\text{ kusala}
 \end{aligned}$$



$$12 \times 4$$

$$\begin{aligned}
 &= (10 + 2) \times 4 \\
 &= 10 + 8 \\
 &= 18
 \end{aligned}$$

$$\begin{aligned}
 &13 \times 4 \\
 &= (10 + 3) \times 4 \\
 &= 30 + 12 \\
 &= 30 + 10 + 2 \\
 &= 52
 \end{aligned}$$



$$15 \times 4$$



Utony unamaswidi angama-36.

Ulla ama-4 nsukuzonke.

Kuzomthatha izinsuku ezingaki ukwaqeda?

UDavide uthengisa amaphaketha aqukethe amawolintshi amane litinye.

Unamawolintshi angama-88.

Uzogwalisa amaphaketha amangdki?



Uzogwalisa amaphaketha amangdki?

1 2 3 4 5 6 7 8 9 10

11 12 13 14 15 16 17 18 19 20

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 elivezwawa yizinombolo ezikokelezewi?



Okukokelezewi ngombala osatshani:

Bhala iphetini lalokho:

Okukokelezewi ngombala obukhwebezana:

Bhala iphetini lalokho:

Itthemu 4

Ibhodi lezinombolo: 901 kuya e-1 000.

901				903	904	905	907	908	909
911		912	913		915	916	917		919
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

Gcwalisiza izinombolo ezidingekayo.

Faka umbala osatshani ezinombolweni ezidingekayo. Faka umbala obomvu ezikhadeni ezimhlophe ezinezinombolo. Phethini lini olibonay?



- a. Hlonganisa oku-4 kane uze ufinyelole ema-980.
b. Hlonganisa oku-5 kane uze ufinyelole ema-971.
c. Susa oku-4 kane ema-963.
d. Susa oku-3 kane ema-927.
e. Hlonganisa oku-2 kane uze ufinyelole ema-938.

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. $847 - 3 - 3 - 3 =$

Izingxenyé ezilinganayo zento ephelé

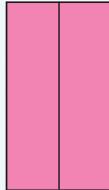


Uhħafu, noma ngabex uusika ngandlellan.



Sika onxande ephēpheni
elfakwe umbala.
(Okousikwa kwe-ll).

Thola izindlēla ezaħlu kene zokwakha uhħafu.



1. Qoqa iphepha elingunxande ngobude libe wuħħafu. Lisike lapho ligoeke khona libe wuħħafu. Lezi zingxenye zilngana ncimishi. Ingħenye ngajixnej iwuħħafu owo da ($\frac{1}{2}$) kanxande ekade linguej.



2. Qoqa elinu iphepha elingunxande libe wuħħafu ovundlie. Lisike libe wuħħafu lapho beliqgħe khona. Lezi zingxenye zilngana ncimishi. Ingħenye ngajinxnej iwuħħafu owo dwa kanxande ekade linguej.



3. Iujihi ennej indlēla engasebenza ukħħlu kaniisa lej phepha libe zingxenye eżimbli ezilinganay? Zama lokħu ngeħġieha kanyen nsekkie, bese usebenzisa umu qqa ngokkutħi lisike lapho ukade ugħaqnej khona.



Okunye ngezingxenye ezilinganayo zokuphele.



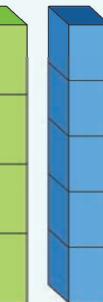
Uma silħukaniisa intu ibe yizingxenye ezi-**2** ezilinganayo siziżha ngawħħafu.



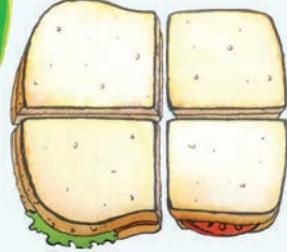
Uma silħukaniisa intu ibe yizingxenye ezi-**3** ezilinganayo siziżha ngokwesitħathu.



Uma silħukaniisa intu ibe yizingxenye ezi-**4** ezilinganayo siziżha ngokwesine.



Uma silħukaniisa intu ibe yizingxenye ezi-**5** ezilinganayo siziżha ngokwesihha.



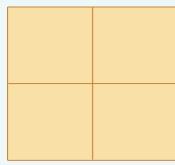
I sendwishi lokudiwa emini.

UThabo ndbangani abu -3 benze amasendwishi amaninji asemin.

Bawsikte abu ngamaqheżu **okwesine** nama **amakota**.

Lokħu kusħo ukuthi bawasikhe abu yizingcezu ħeżeex eżilinganayo.

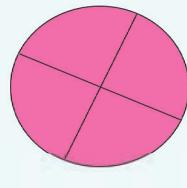
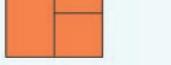
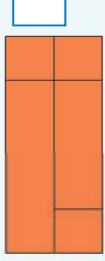
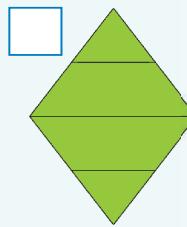
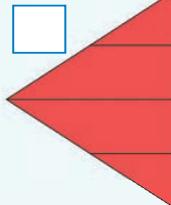
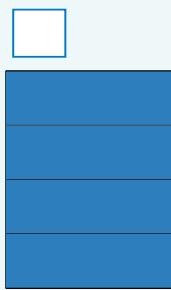
Ngenye yeżindlēla lena. Veza eżinej izindlēla ezi-3 abangenza ngazo lokħu.



Ukuħlu kaniisa ngokwesine.

Uma nadjeli qhez: $\left(\frac{1}{4}\right)$ siška int-o ibe yizingam dikta siġġiċha ibe yizingcezu ħeżeex eżilinganayo.

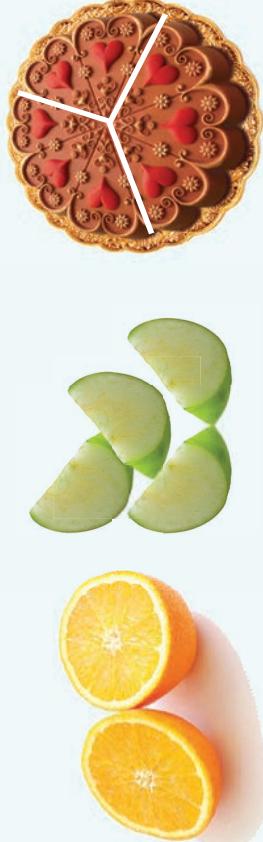
Thikha (✓) eżithombeni eżingezans iukħombiса amakota noma okwesine.



Teacher:
Sign:
Date:

Izbalo zamaqhezu

Xoxa ngamaqhezu nomunye wabangani.



Xazulula lesi sibalo ngokuphendula imibuzo nokwenza imidwebo.



a. Umqequeshi webhola lomphabezo upha abaddali uhhafu wewolintshi. Kunabaddali abuj-14.

Udinga amawolintshi amangaki esewonke?

Uthini umbuzo?

Yiziphi izinombolo noma amaqhezu akhona kulesi sibalo?

Yilphi igama elibalekile?

Dweba isithombe.

Igama elibalekile jilo
elizongenza rigkhethe mela
enthe engizoje sebenziso..

Ithimi impendulo?

Ithimi impendulo?



b. Ummama uphe mina nabangani bami abaj-11 ikota le-qphula ngamuny.

Udinga ukuba nama-qphula amangaki empeleni?

Yiziphi izinombolo ezikhona noma amaqhezu akhona kulesi sibalo?

Yilphi igama elibalekile?

Dweba isithombe.



Ithimi impendulo?

c. Ngosuku lomgbutho wesikole bathengisa amakhkhe asikwe aba yizingcezu ezintatihu llinye.

Bathengise izingcezu zekhekhe kubantu abangama-24.

Bathengise amakhkhe amangaki?

Yiziphi izinombolo ezikhona noma amaqhezu akhona kulesi sibalo?

Yilphi igama elibalekile?

Dweba isithombe.

Ithimi impendulo?

Ithimi impendulo?

Ithimi impendulo?

| 2 3 4 5 6 7 8 9 10 |

| 11 12 13 14 15 16 17 18 19 20 |

Izinto eziwonhangothi-ntathu

Buka isithombe.

Yikuphi kwalokhu okwakhake kwaba ngamabhola, amasiinda nom a mabhoksi?



Thola izithombe ezimbili zalokhu uzinamathisele lapha ngenzansi.



Dweba umugqa ngaphansi kwempendulo efanele.

- Utamatusi wakheke waba **yibholo/yibhokisi/yisilinda**.
- Ingilazi yesiphuzo jakhake yaba **yibholo/yibhokisi/yisilinda**.
- Inowadi yakhake yaba **yibholo/yibhokisi/yisilinda**.



Okuqondile nokugobole.

Ezinye izinto zakheke zaba yisicaba. Ezinye zigbole.

Isilinda linamacala amabili ayisicaba nelli odwa eligibile.	Ikhoni linecal a ellidwa eliyisicaba nelli odwa eligibile.	Indilinga igobile kuzo zonke izinhlangothi zayjo.

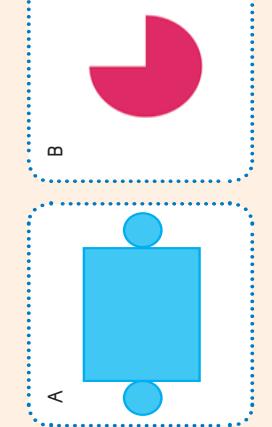


Kulezi ezintathu izinto, iyphi:

- Engike ijingqike iye kude?
- Engagingqika iqonde ingagobi?
- Engagingqikai iye nom a yikuphi?



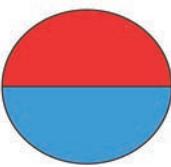
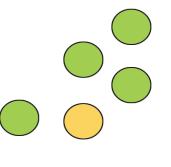
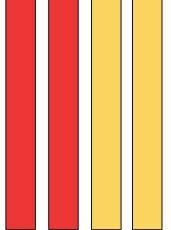
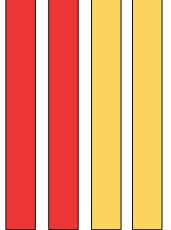
Into ejakhake ngendlela yokuthi unga yigqoqo wakhe into ephathelkayo, ibizwa ngeneathi.



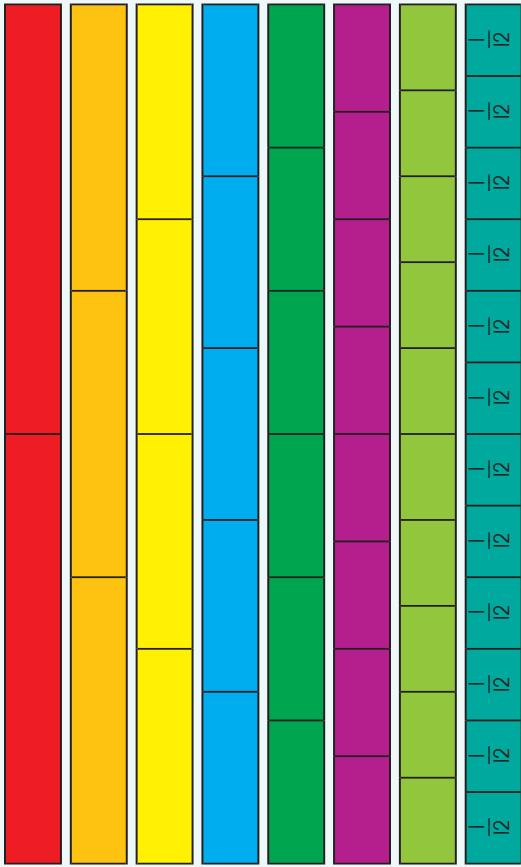
- Bhola izinombolo eziqhlanmu lwenethi olusongeka lwakhe ikhowuni.
- Bhola izinombolo eziqhlanmu lwenethi olusongeka lwakhe isilinda.
- Bhola izinombolo eziqhlanmu lwenethi olusongeka lwakhe isilinda.

Nikeza amagama amaqhezu.

Bhalai iħeqeu elmele izi thombe ezingəzari.

	a. Kuijiqhezu elingakkanani okunombala obomvu?	b. Kuijiqhezu elingakkanani okunombala osatshani?
		
c. Kuijiqhezu elingakkanani okunombala osasibħakkabha?	d. Kuijiqhezu elingakkanani okunombala ophuz?	

Udonga emaqhezwini.



Umugqa owaċċa uħlu kani seke iżixxex u eżimilli eż-żgħar. Phansi kuh lu kani seke amaqhezu okweshumi nambili ($\frac{1}{2}$).

Lebula minnley imiqqa ngam aqhezu afanele.

Sebenisa umphethha ogondi wephopha ukuthola amaqhezu alingenay, lokho kuzukusiza ukupħendula le mibuzzo

Sukela odongeni l-waqaqhezu, utħole izindlila eż-żlkun kien zokwakha.

- | | |
|----------------------------------|--|
| a. uhħafu oħodwa $\frac{1}{2}$ | |
| b. okukodwa okupħele () | |
| c. amakota amathħu $\frac{3}{4}$ | |



Impendulo nemibuzzo.

- USiwe unezingcezu zikash koliedi eżine. Upha umngani wakhe uceu oludwa Liqheżu lin iżi koliedi asele na?
- UYasmine unamawolintshi amabli. Upha u Mimi ellidwia. Usele naqhezu lin?
- UMarija uthengga oħokoliedi aba -5. Uzżeķkela o! Upha u Mohamedi ababli. Upha umfowabo oħokoliedi ababli fuchi. Usele neqhezu elingakkanani jena kowakk?

Ulkubeka amaqoqo nokwabelana



Thola lapho kuxhumana khona lohku.

Ulkubala ngokushesha.

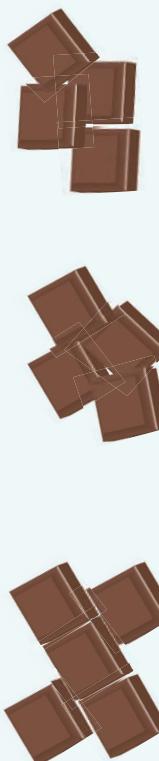


$30 \div 3 =$ _____	$15 \div 3 =$ _____	$60 \div 3 =$ _____	$600 \div 3 =$ _____
$150 \div 3 =$ _____	$24 \div 4 =$ _____	$240 \div 4 =$ _____	
$120 \div 4 =$ _____	$12 \div 4 =$ _____	$40 \div 10 =$ _____	$40 \div 5 =$ _____
$400 \div 10 =$ _____	$400 \div 5 =$ _____	$200 \div 5 =$ _____	$18 \div 2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

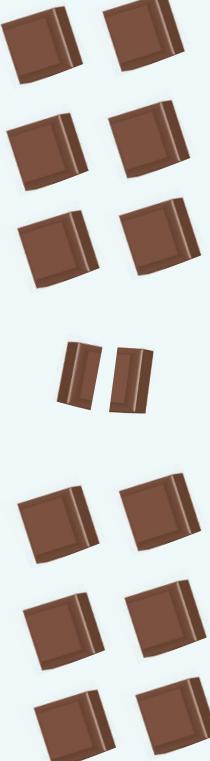


Kusalani.

OJabu nolебu батуна ukwabelana ngoshokoldi oj-13. Batuhola omngaki ngamunye?



Bazokwabelana ngezikwele zawa eziyi-12 bankane 6 umuntu emunye. Ucezu olusatay bongaluhephula ukuze umuntu emunye agcine ethole $b\frac{1}{2}$ wezingcezu.



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



Umuntu ngamunye uthola _____ wamabhande.

b. Aba ama-37 amabhande wabele abantwana aba-5.

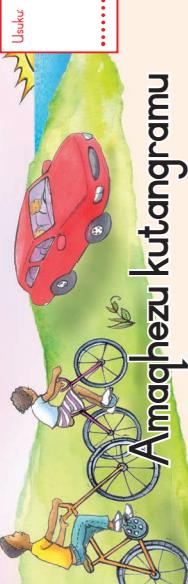
Umuntu ngamunye uthola _____ wamabhande.

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

Umuntu ngamunye uthola _____ wamabhande.

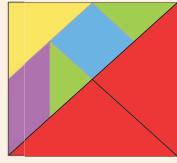
d. Aba amabhande angama-73 wabele izingane ezi-10.

Umuntu ngamunye uthola _____ wamabhande.



Amaqhezu kutangramu

Itangramu yiphasili elidda lase China elakhiwe ngemimo ejisi-7 ebizwa ngetans. Yonke imimo ibekwa ndawonye ukuze yakhe izakhiwo ezahlukahikene.



Amaqhezu kutangramu.

Hlisisa iphasili itangramu. Liqhezu lini okuphelele okuyisikwele abayilo labo nxantathu ababili abakhulu? (Kuphinki kulesi sitombene.)



Uma ugaga eyodwa yawonxantathu uyenze izingcezu ezimbili ezilinganao, ucezu ngalunye lugalingana nonxantathu omaphakathi ngobukhulu (Kuphizi estithombeni). Qhezu lini esikwelani sisonke (itangramu) elakhiwa ngunxantathu omaphakathi ngobukhulu?



Uma ugaga eyodwa yawonxantathu uyenze izingcezu ezimbili ezilinganao, ucezu ngalunye lugalingana nawonxantathu ababili abancane. (Kusatshani estithombeni) Qhezu lini esikwelani sisonke (itangramu) elakhiwa ngunxantathu ngamunye kwabancane?



Faka onxantathu abancane ababili ndawonye wakhe isikwele esincane. Qhezu lini esikwelani sisonke elakhiwa yisikwele esincane (Kusasibhakabha ka estithombeni)? Faka onxantathu abancane ababili ndawonye wakhe iphardelogramu. Qhezu lini esikwelani sisonke (itangramu) elakhiwa yiphardelogramu?



Ukusetshenizwa kwetangramu.

Sika amatangramu amabilii ekhasini Lokusikwayo kwe-12 iblebulu ucezu ngalunye ngeqhezu olulufanile ngokwesikwele esiphelle. [Lawa ngamatangramu empela nemimo yawo.]

Faka igama lakkho ngemuya ocezwini ukuze ukwazi ukzuthola izingcezu zakkho uma sekuphele umdallo.

Umdallo wamaqhezu okwabelana ngokuyikho.

Dila nadallali aba-4-8 nisebenzise izingcezu zetangramu.

1. Abadlli bayadedelana ekubeni ngabaphathi bokuthengiselana.

2. Umphathi wokuthengiselana ngugena onqumayo ukuthi yimuphi umdali okumele afake inani elithile letangramu esethini.

3. Umdali ngamunye uyaqagela ukuthi ihlamvu luzoveza ikhanda nomu cha yini umaluphonswa. umhlwebi bese euphansa phansi.

4. Umphathi wohwibelwano wabelana okusesethini ngokulinganayo nalabo abaqagéle basihaya khona. (Angazithola esethengisa soludawa uceu kumbe ngaphezelu ukuze athole izingcezu ezibiza ngokufanayo ranazo.)

5. Okusele okungeke kwabelwane ngakho kusala esikhwaneni kulindele ukusetshenizwa ngethuba elizayo.

6. Bonke abadlli bayaqiniseka ukuthi ukwabelana kuhambe ngokuyikho.

7. Ulma umdali ethola ipuththa, ophetheh ulawulisa e-likuya kwezi-8 kwestikwele sonke; leyo nhlawulo ithathwe wundali wokuqala otħħala ipuththa.

8. Umdali ongenhao izingcezu angasale esethatha okusele esikhwaneni.

9. Umdalo uyaqhubeka lize ihlanda lokuba ngumphatħi ifinyelele kubo bonke abadlli.



128a



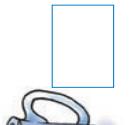
Umthamo wenkomishi uma acwele ngu-10 kanti iwayunu yenkomishi egwenele ngu-1.



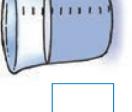
Icipuni senza inkomishi iqukathe ukugina ezengeni lokaqala.



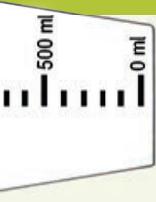
Ungakanani umthamo wenkomisi uma igcwalsisi?



Icipuni senza inkomishi iqukathe ukugina ezengeni lokaqala.



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



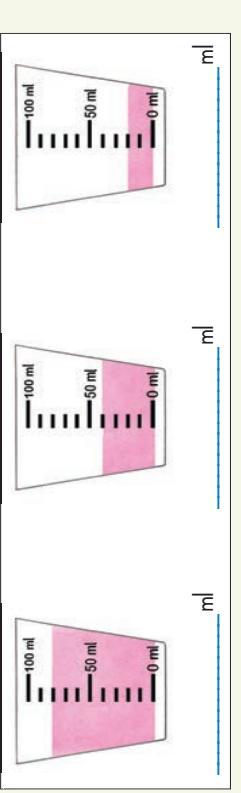
Lenkomishi yokukala imith iqukathe i-10 ml lokho kuthi akube ngamatthisipuni amabili.

Izinto ezithe ukuba ningana sizikla nganaliha (l). Elitheni ellodwa kunamamillitha ajinkulungwane (1000).

Lolu ketshezi lungakanani?



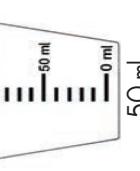
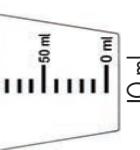
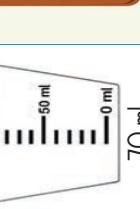
Mangaki ama -ml aqukethwe ngujeke ngamunye?



Lolu ketshezi lungakanani?

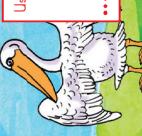


Hlikhla izinkomishi zokukala imithi ukukhombisca ukuthi ziquketha kangakanani.



10
9
8
7
6
5
4
3
2
1

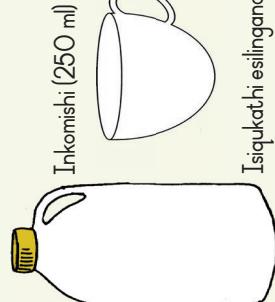
20
19
18
17
16
15
14
13
12



Ukukala umthamo

Zingaki izinkomishi ezingowalisa lesi siqukath?

Akudingeiki ukuthi uwasho amalitha kumbe amamillitha. Gagila amagama athi 'inkomishi' nelethi 'ibhodela'.



Icipukathi esilingana littha eliodawa



Akha littha.

Thola indella ongafinyelela ngyao elitheni eliodwa usebenzia izinhlobo ezahlukene zoketshezi.

Bhala umusho wezinombolo ngalothu ngakunye way.

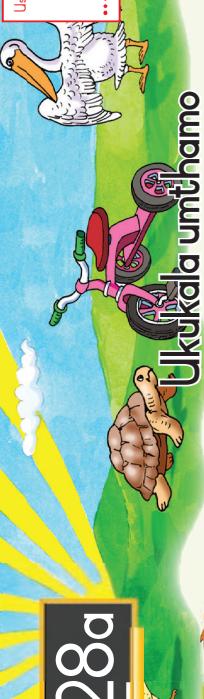
$$500 \text{ ml} + 500 \text{ ml} = 1000 \text{ ml (l)}$$



$$\text{Umusho wezinombolo: } \underline{\hspace{2cm}} = 1000 \text{ ml (l)}$$

$$\text{Umusho wezinombolo: } \underline{\hspace{2cm}} = 1000 \text{ ml (l)}$$

$$\text{Umusho wezinombolo: } \underline{\hspace{2cm}} = 1000 \text{ ml (l)}$$



Itthemu 4

Uma sibhalu izimpawu zokukala umthamo sishiyaisikhala esincane phakathi kwenombolo kanye nophawu. Isibonelo: sibhalu u-3 l hhayu u-3 l. 2qq q hhayu 2qq; 15 km hhayu 15 km.

Teacher: _____
Sign: _____
Date: _____

10
9
8
7
6
5
4
3
2
1

Kala u'thele

Emdlalweni.

Uma kufikwa kuhhafu wesikhathi umddali uphuza $\frac{1}{4}$ welitha lejus.

a. Bangaki abadalli abdkwazi ukulhanganyela?

$$\text{littha } \underline{\quad} \quad 4 \text{ wamalitha } \underline{\quad} \quad 2\frac{1}{2} \text{ wamalitha }$$

b. Ingakanani ihusi abaydingela?

$$8 \text{ wabaddali } \underline{\quad} \quad 9 \text{ wabaddali } \underline{\quad} \quad 12 \text{ wabaddali }$$

Amalitha namamiliitha (ml).

$$\begin{aligned} 1 \text{ littha} &= 1000 \text{ ml} & \frac{1}{2} \text{ welitha} &= \underline{\quad} \text{ ml} & \frac{1}{4} \text{ welitha} &= \underline{\quad} \text{ ml} \\ 125 \text{ ml} &= \underline{\quad} \text{ welitha} & 50 \text{ ml} &= \underline{\quad} \text{ welitha} \end{aligned}$$

Yenza uhhafu welitha.

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

120 ml	140 ml	160 ml	18 ml	20 ml	240 ml

Ubisi lugilungele impilo yakho.

Abelanani amalitha ama-4 obisi phakathi:

- a. Kwdbantwana doyisi-8.
- b. Kwdbantwana doyisi-16.
- c. Kwdbantwana doyisi-12.

Hlo!

Qhathanisel!

Lungisa!

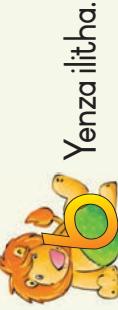


Ithemu 4

Ibha kaBongi yejusi.

Kujeke o-l. Ubongi usebenzisa ikota ellidawa ($\frac{1}{4}$) lenkomishi yejusi kanje nezinkomishi ezi-2 zamanzu.
Bala ukuthi ubongi usebenzisa yhusi namanzi okungakanani kojeke bakajusi abajusi-5.

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



Yenza ilitha.

50 ml	100 ml	200 ml	250 ml	500 ml
-------	--------	--------	--------	--------

Udingaezingaki iziqukathi ngajinye ukwenza ilitha?

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



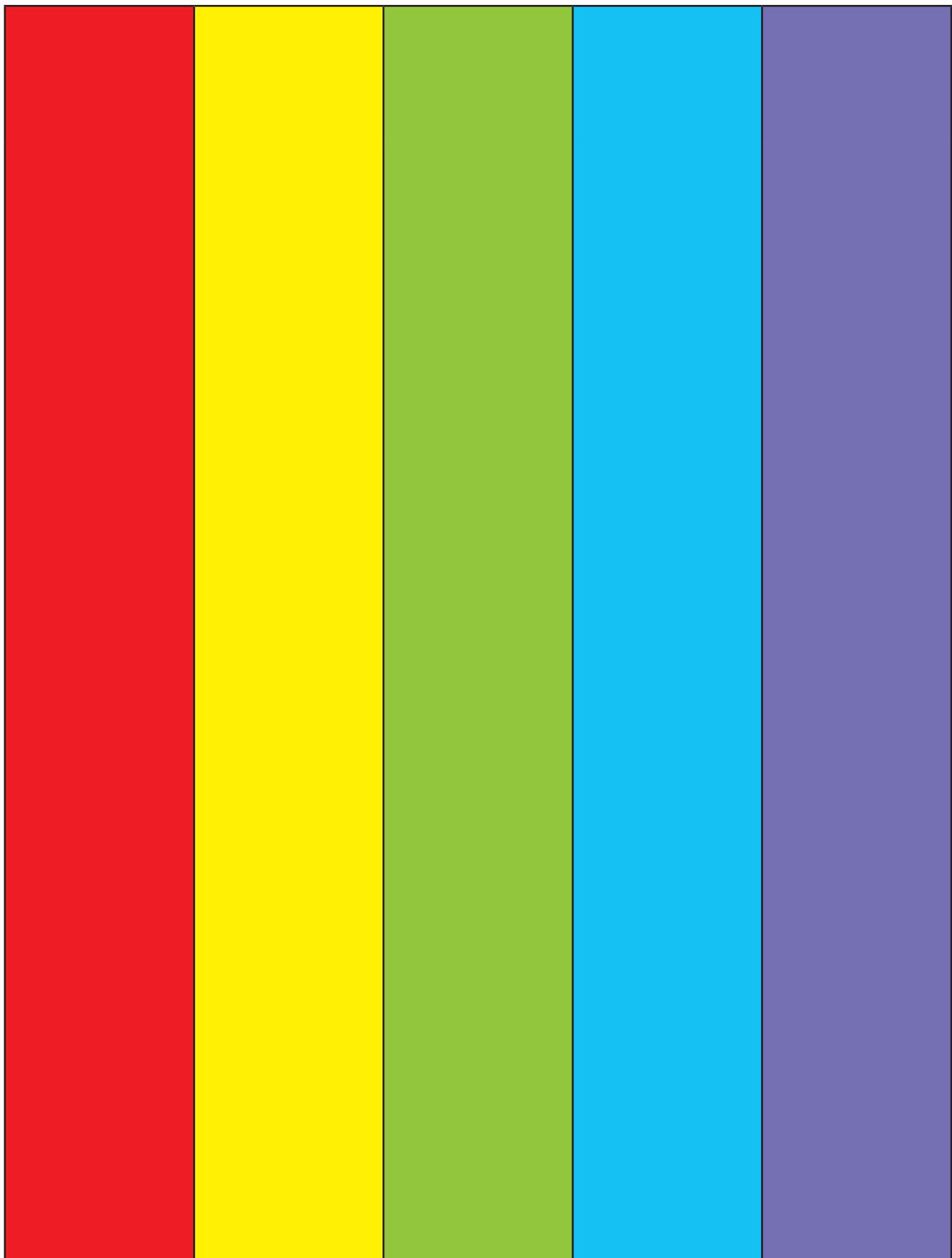
Ngemva komcimbi.



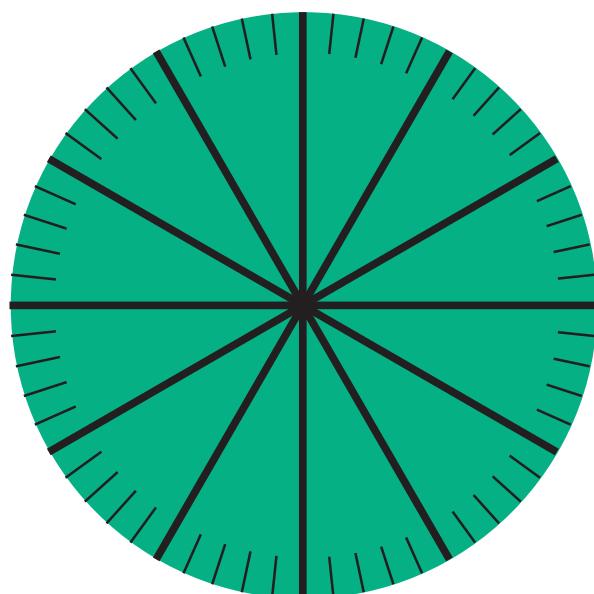
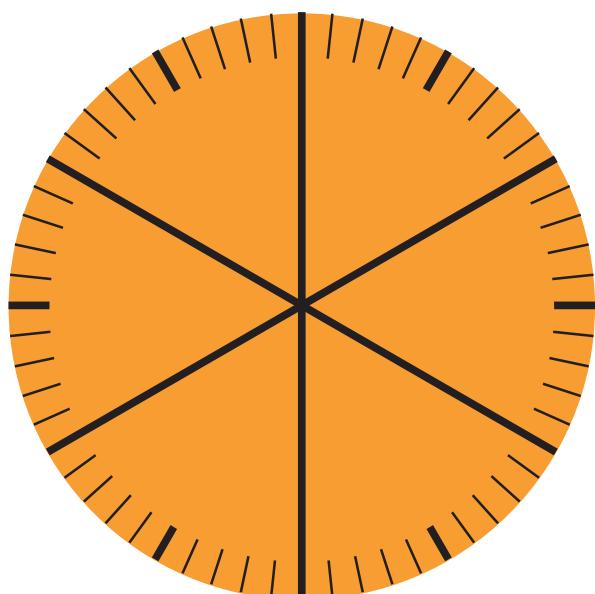
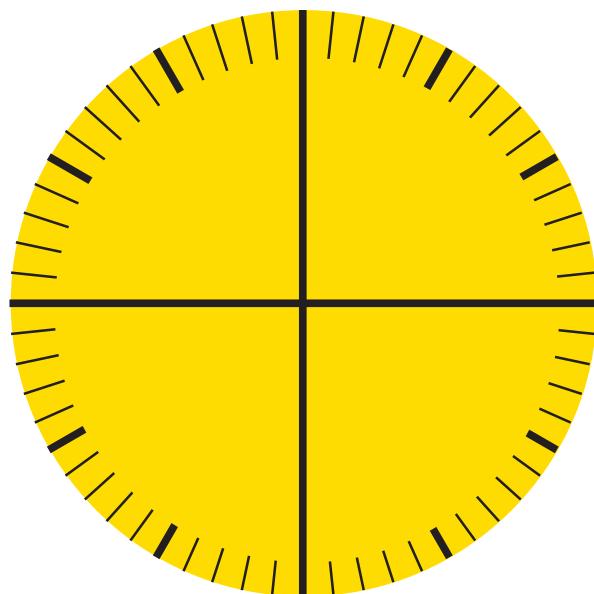
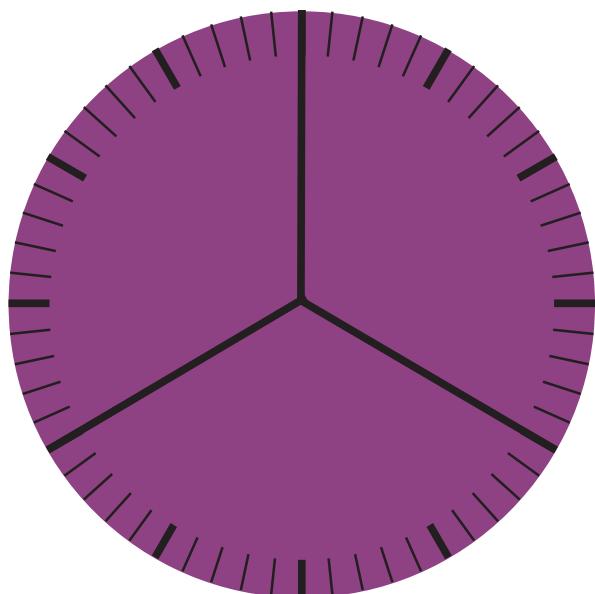
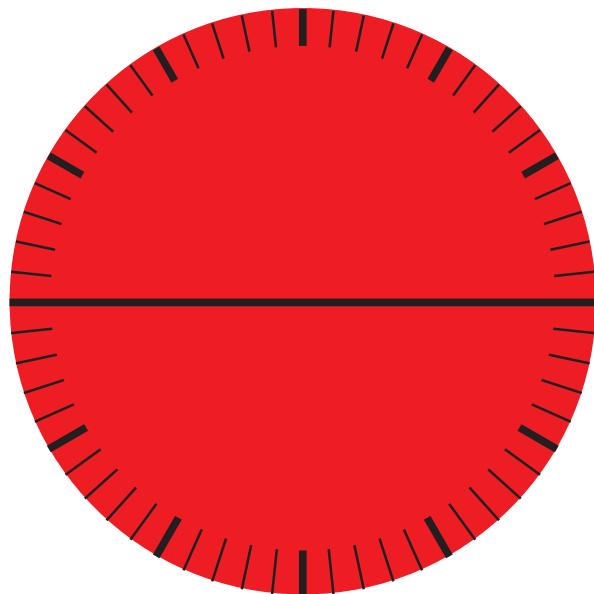
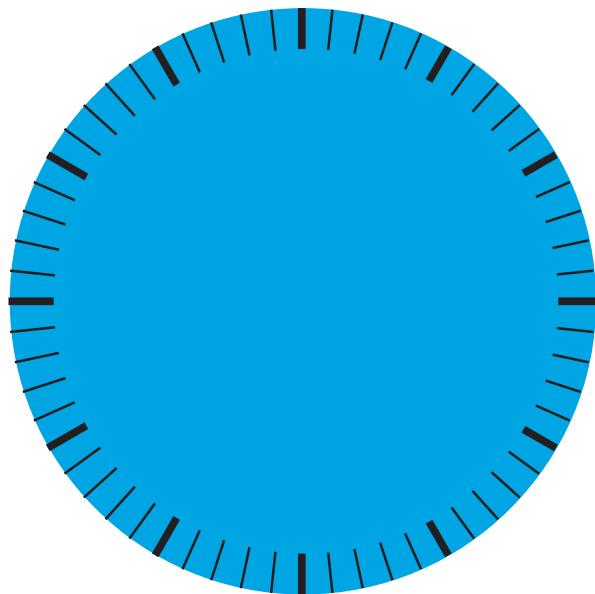
- Umcmibi kaThandi sewuphele. Kukhona iziphuzo ezisele.
- Kusele ihusi ophuzi ongakanani?
- Kusele ihusi abukhwebezeze ongakanani?
- UThandi uxuba ojusi bobabili.
- Angagcwala gjeke abangki?

- a. Kwdbantwana doyisi-8.
- b. Kwdbantwana doyisi-16.
- c. Kwdbantwana doyisi-12.

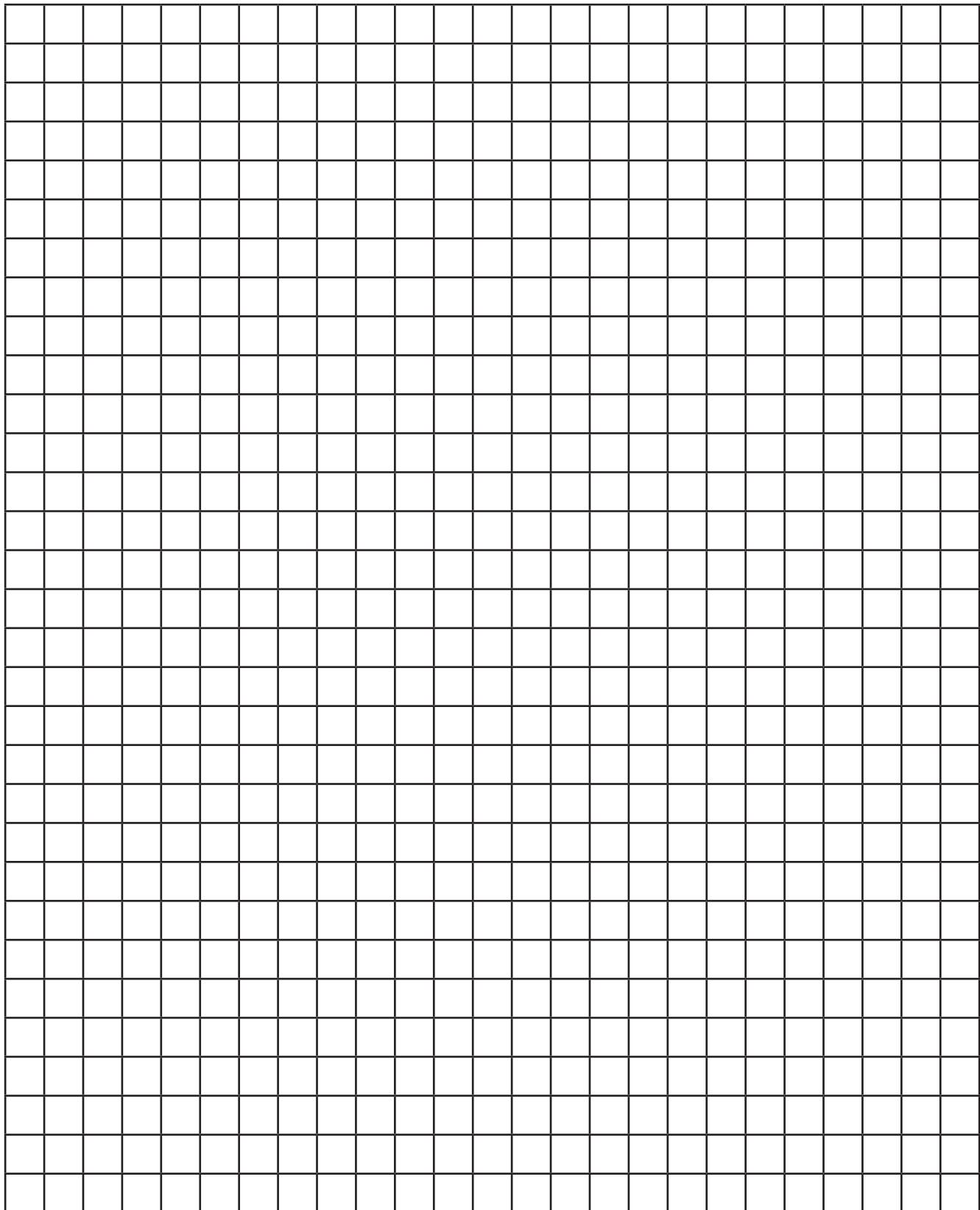
Okokusikwa kwesi -5



Okokusikwa kwesi -6



Okokusikwa kwesi-7

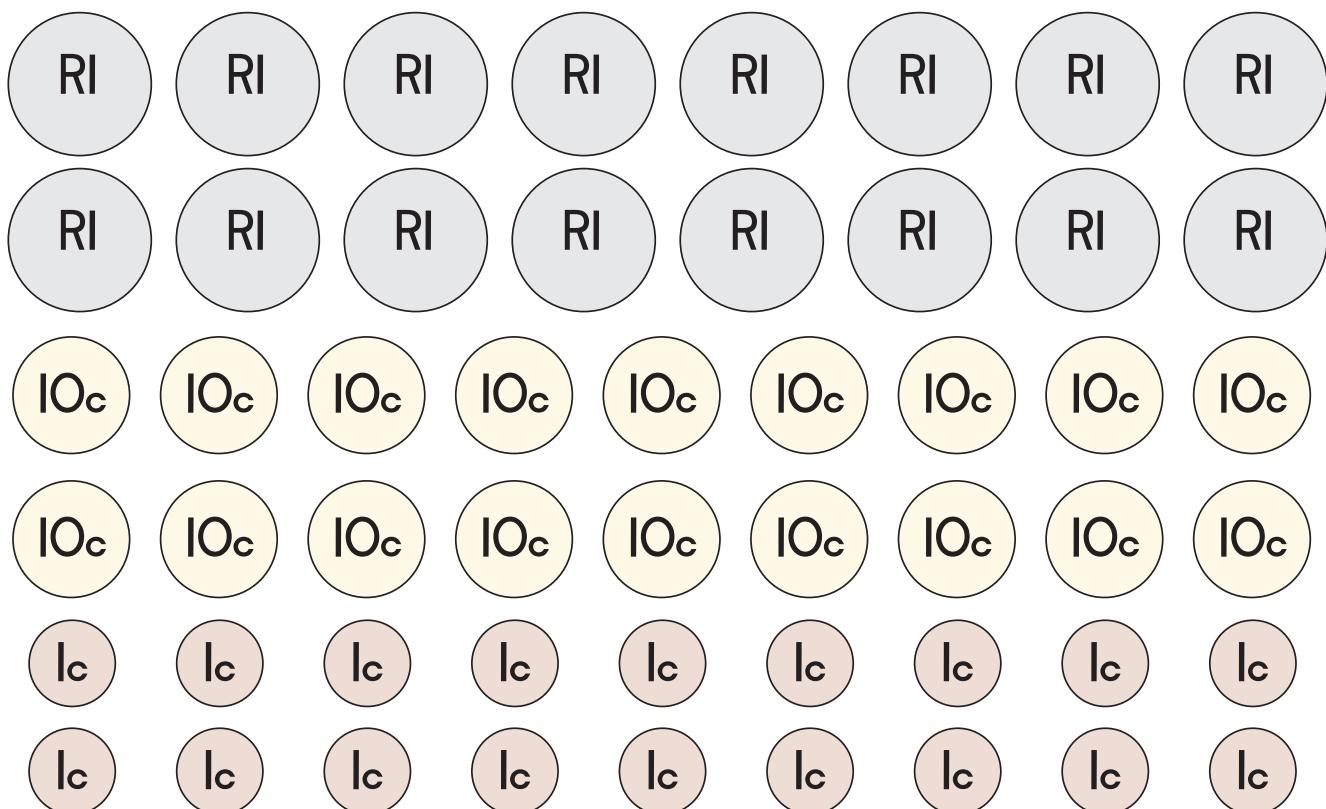


Okokusikwa kwesi-8

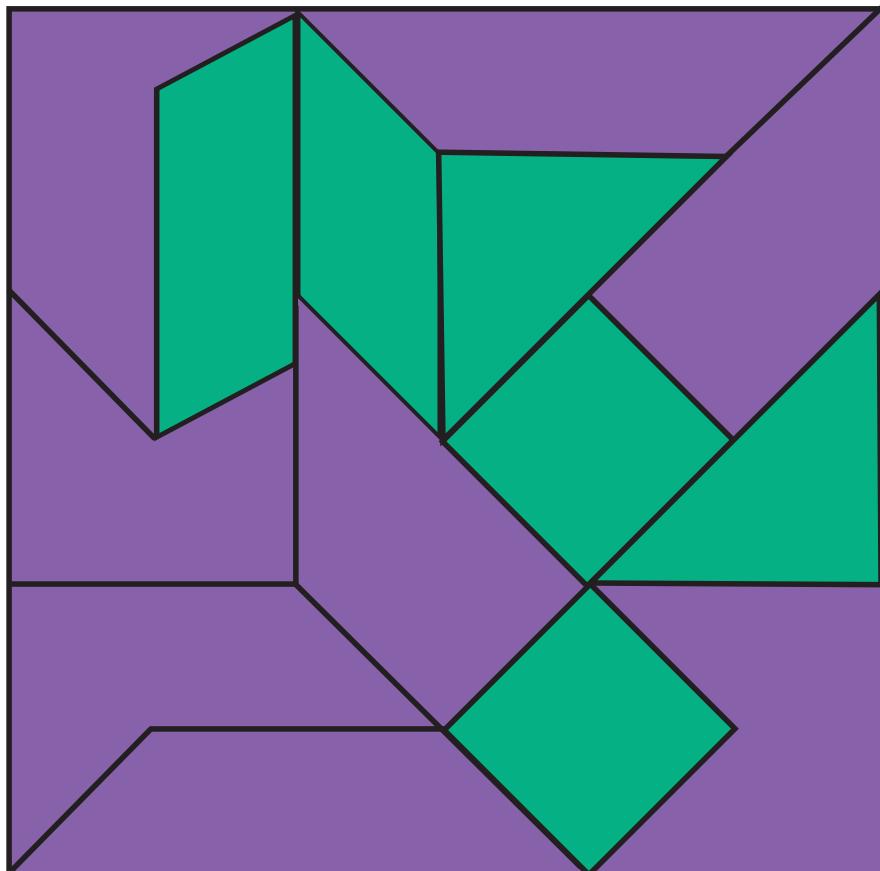
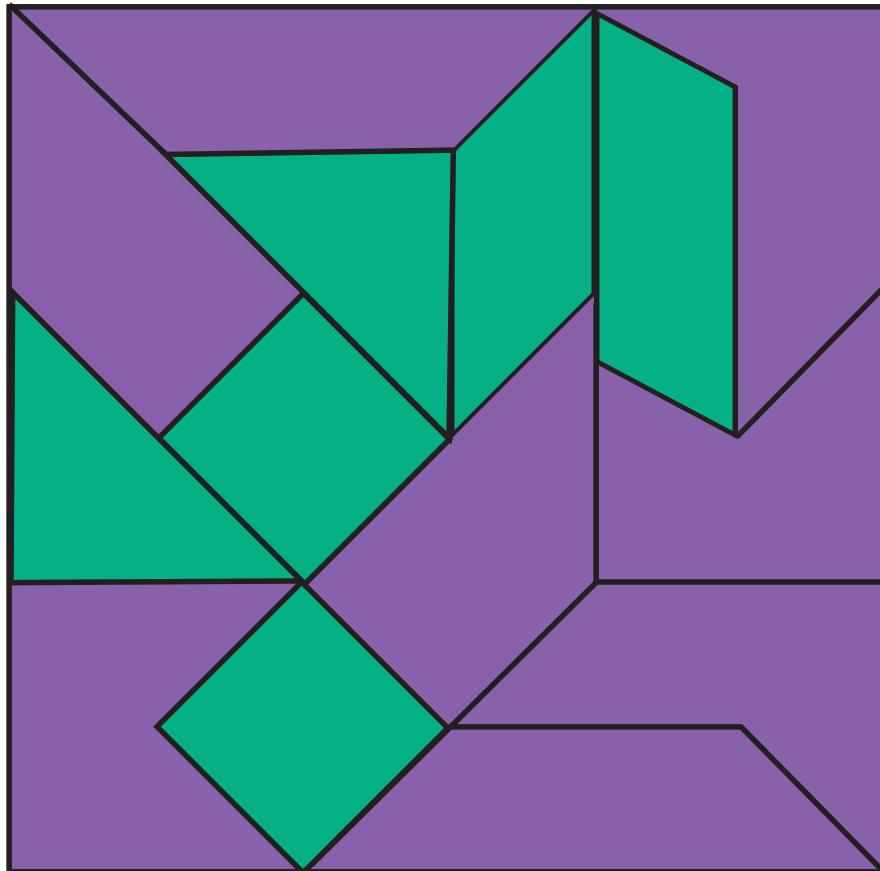
I _c	
IO _c	
RIs	
RIO _s	
RIOOs	

Okokusikwa kwesi -q

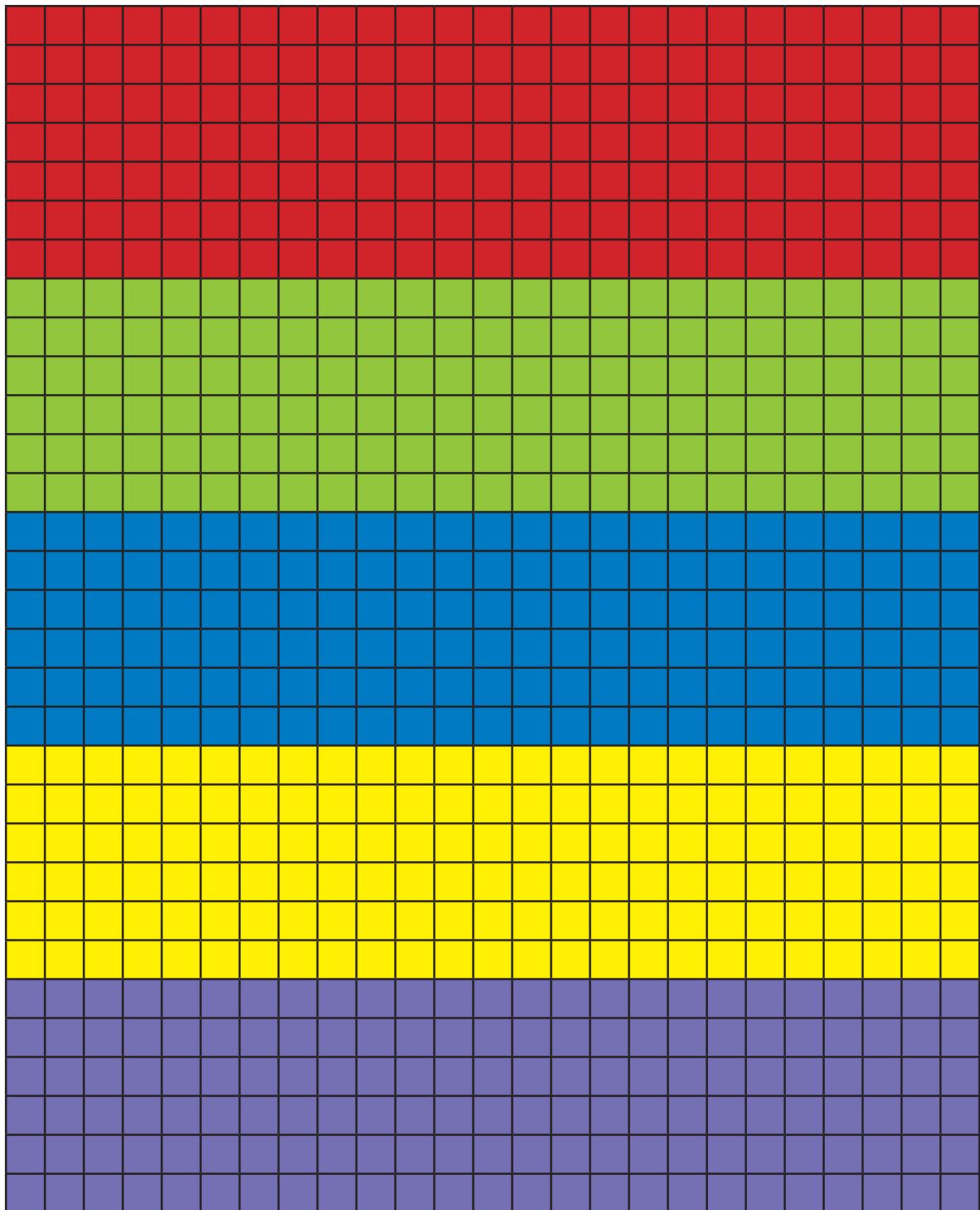
RIOO	RIOO	RIOO	RIOO
RIOO	RIOO	RIOO	RIOO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO



Okokusikwa kwesi -IO



Cut-out II



Cut-out 12

