



UNK Angie Motshekga,
uNgqongqoshe weMfundo
eyiSesekelo.



UMnu Enver Surty, iSekela
loMnyango weMfundo
eyiSesekelo.

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

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

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

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

Sifisela wena nomfundi omfundisayo impumelelo ngenkathi usebenzisa lezi zincwadi.

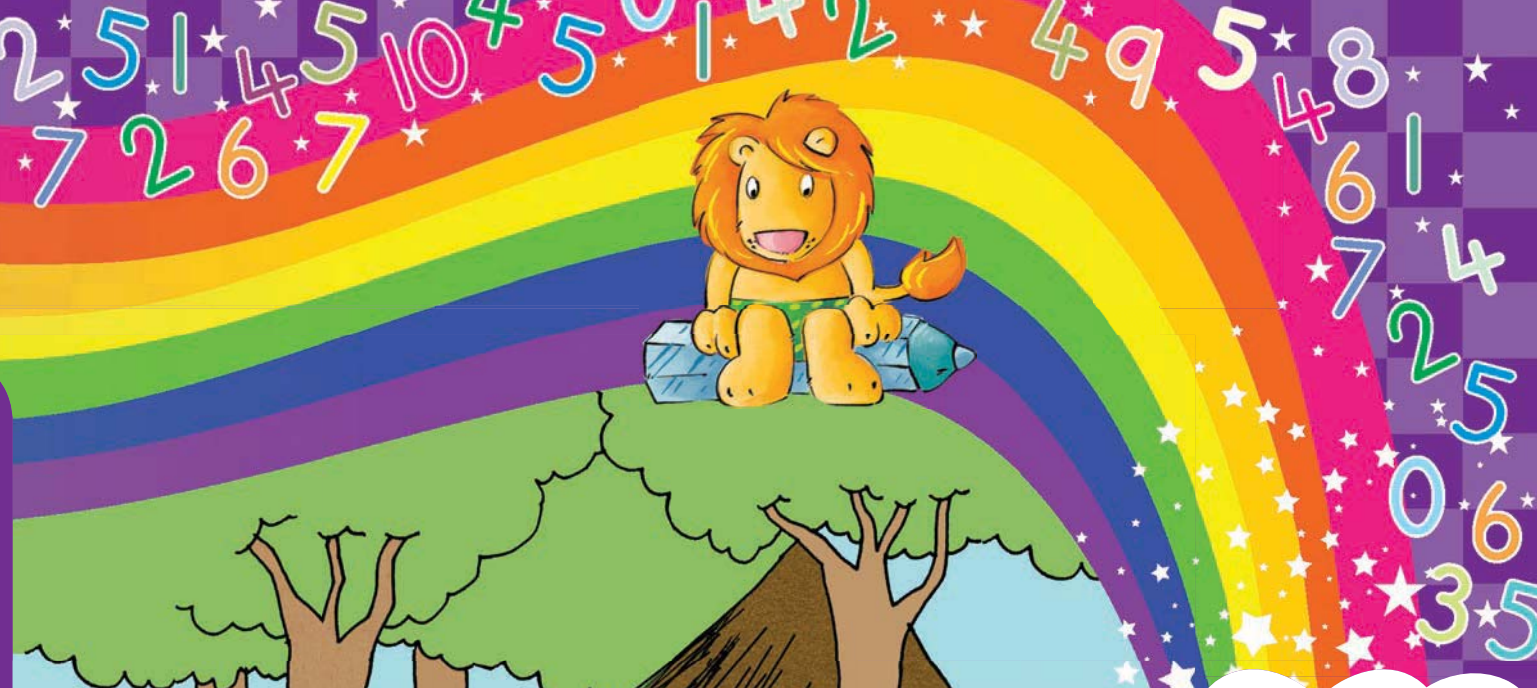


MATHEMATICS IN ISIZULU
GRADE 3 – BOOK 2
TERMS 3 & 4
ISBN 978-1-4315-0150-2
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IZIBALO NGESIZULU – Ibanga loku-3 Incwadi yoku-2

ISBN 978-1-4315-0150-2



Ibanga
loku-3

Igama:	Iklasi:
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basic education

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REPUBLIC OF SOUTH AFRICA

IZIBALO
NGESIZULU

Incwadi yoku-2
Ithemu 3 & 4



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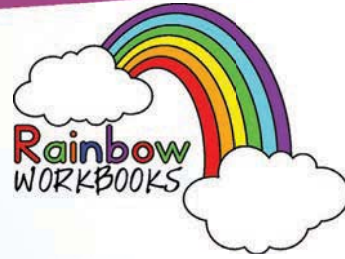
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$$2 \times 2 = 4$$

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

Ibanga lesi-3



Le ncwadi ngeka:



INTNZISI

Incwadi yesi-

2



Izinombolo ezisuka ema-500 ziya ema-600

Bala bese ubhala.



a. Sebenzisa ishadi elilandelayo ukuze likusize ukubala kusula ku 500 kuya ku 600.

Phimisela inion bolo uma unbalance.

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 eziyi-8 ezilandelayo ezinephethini lika-2.

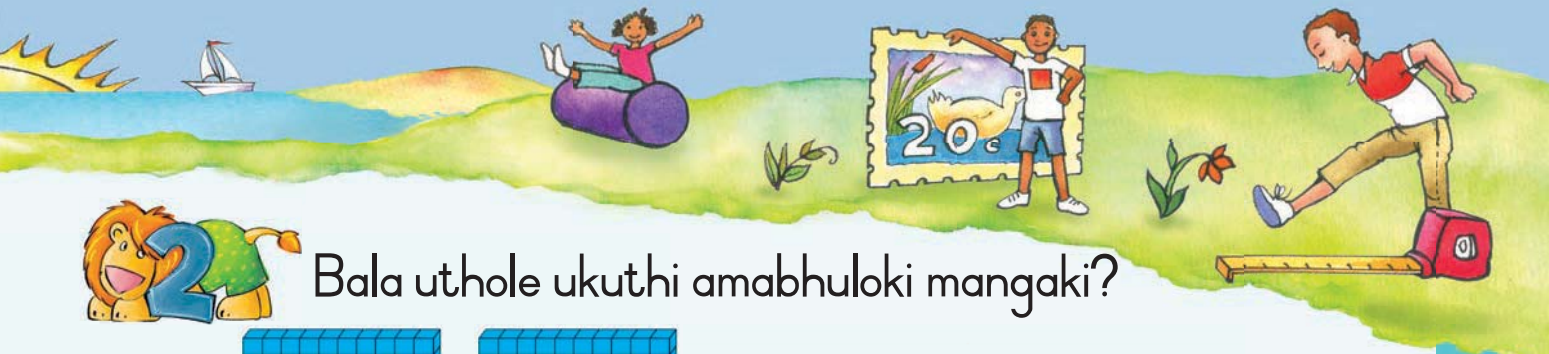
510; 512; _____; _____; _____; _____; _____; _____; _____

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

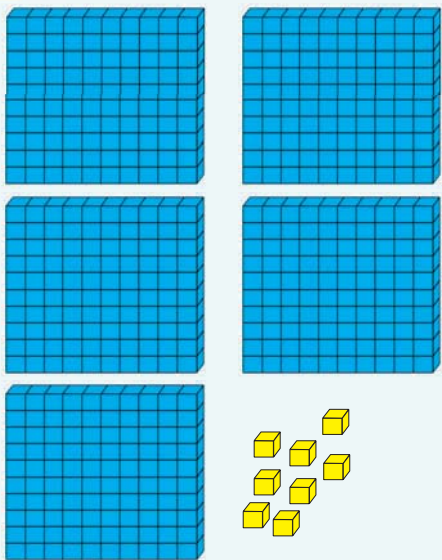
548; _____; _____; _____; _____; _____; _____; _____; _____; _____; 570

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

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



Bala uthole ukuthi amabhuloki mangaki?



Uwabale kanjani amabhuloki?



Qedela lo mugqa wezinombolo.

540			543				547		549	
							597	598	599	
					597	598	599			



Qedela leli thebula.

Bhala uqale ngezincane ugcine ngezinkulu

Bhala uqale ngezinkulu ugcine ngezincane

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



Bhala izinombolo ezilandelayo ngamagama.

520	
-----	--

Teacher:

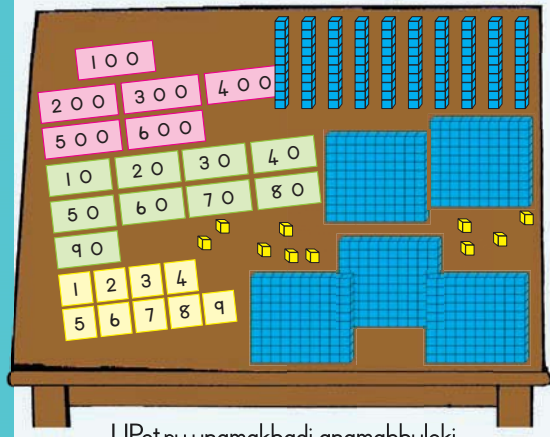
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Date:





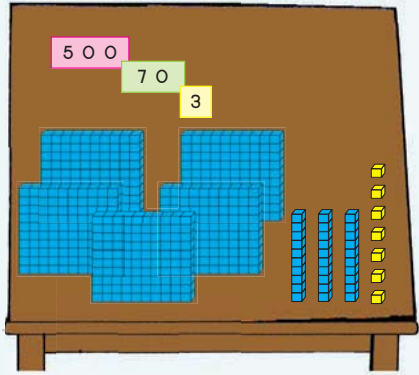
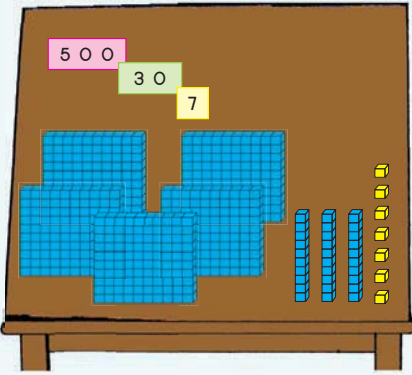
Ezinye izinombolo ezisukela ema-500 ziya ema-600



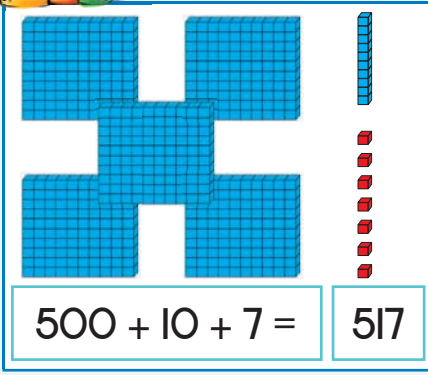
UPetru unamakhadi anamabhuloki ezinombolo ezingangeshumi.

Uthisha ucela uPetru aveze inani lama-537 ngamakhadi namabhuloki.

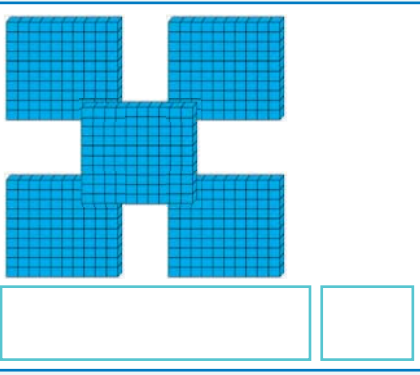
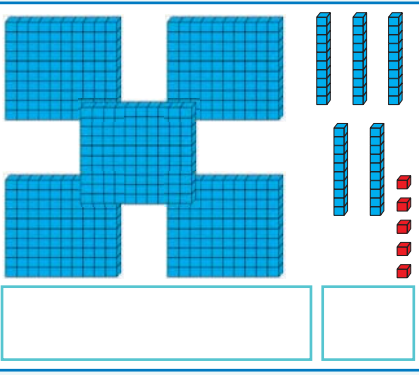
U-Aakar uveze lokhu. Yini angayenzanga kahle?



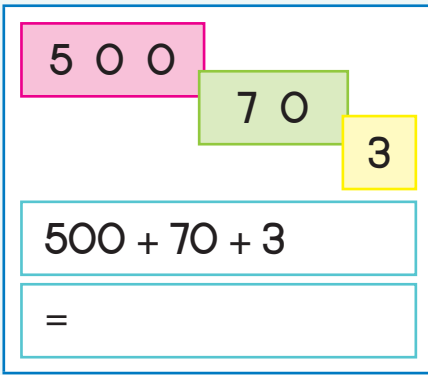
Bhala umusho wezinombolo bese unikeza impendulo.



$500 + 10 + 7 = 517$

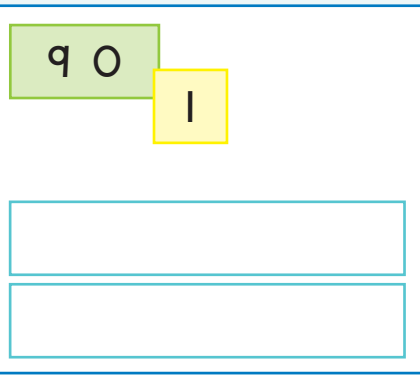
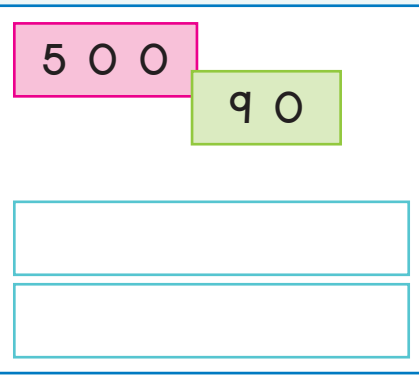


Bhala umusho wezinombolo bese unikeza impendulo.



$500 + 70 + 3$

=





Qedela umugqa wezinombolo.

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

Bhala zonke izinombolo ezingaphansi kwama-550. _____

Bhala zonke izinombolo ezingaphezulu kwama-550. _____



Hlahlela inombolo yakho.

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

Enza lokhu-ke manje: Hlahlela inombolo yakho.

495	
508	
594	
549	
602	

Isibonelo: 517

5 0 0

1 0

7

5 1 7

517

500 + 10 + 7



Bhala izinombolo ngamagama.

221	
486	
369	
419	
491	

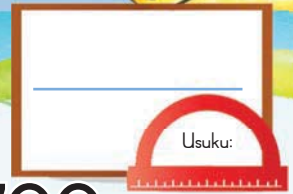
Teacher:

Sign:

Date:



11 12 13 14 15 16 17 18 19 20



Izinombolo ezisuka ema-600 ziya ema-700



Bala bese ubhala.

a. Sebenzisa ishadi elilandelayo ukuze likusize ukubala kusula ku 600 kuya ku 700.

Phimisela inion bolo uma unbalance.

600



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

b. Bhala izinombolo ezidingekayo kule gridi engenhla.

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

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

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

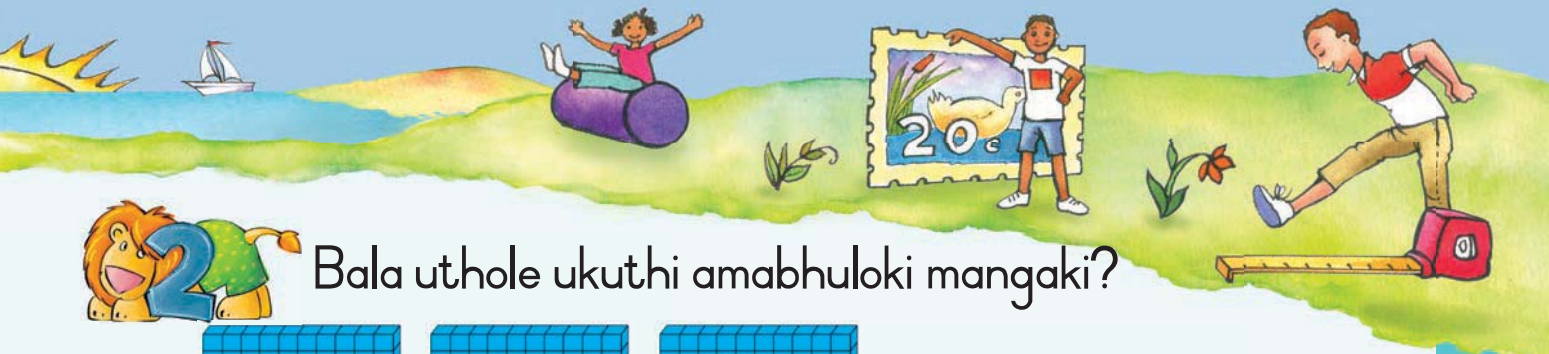
622; 624; 626; _____; _____; _____; _____; _____; _____

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

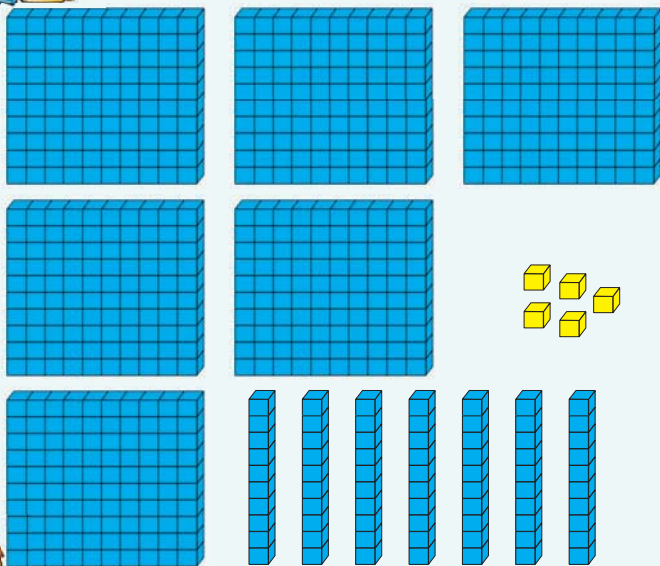
611; _____; _____; _____; _____; _____; _____; _____; _____; _____; 633

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

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



Bala uthole ukuthi amabhuloki mangaki?



Uwabale kanjani amabhuloki?



Qedela lo mugqa wezinombolo.

640			643				647		649	
							687	688	689	
					602	604	606			



Qedela leli thebula.

Bhala uqale ngezincane ugcine ngezinkulu

Bhala uqale ngezinkulu ugcine ngezincane

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



Bhala izinombolo ezilandelayo ngamagama.

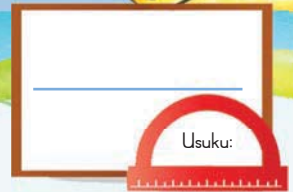
631

Teacher:

Sign:

Date:

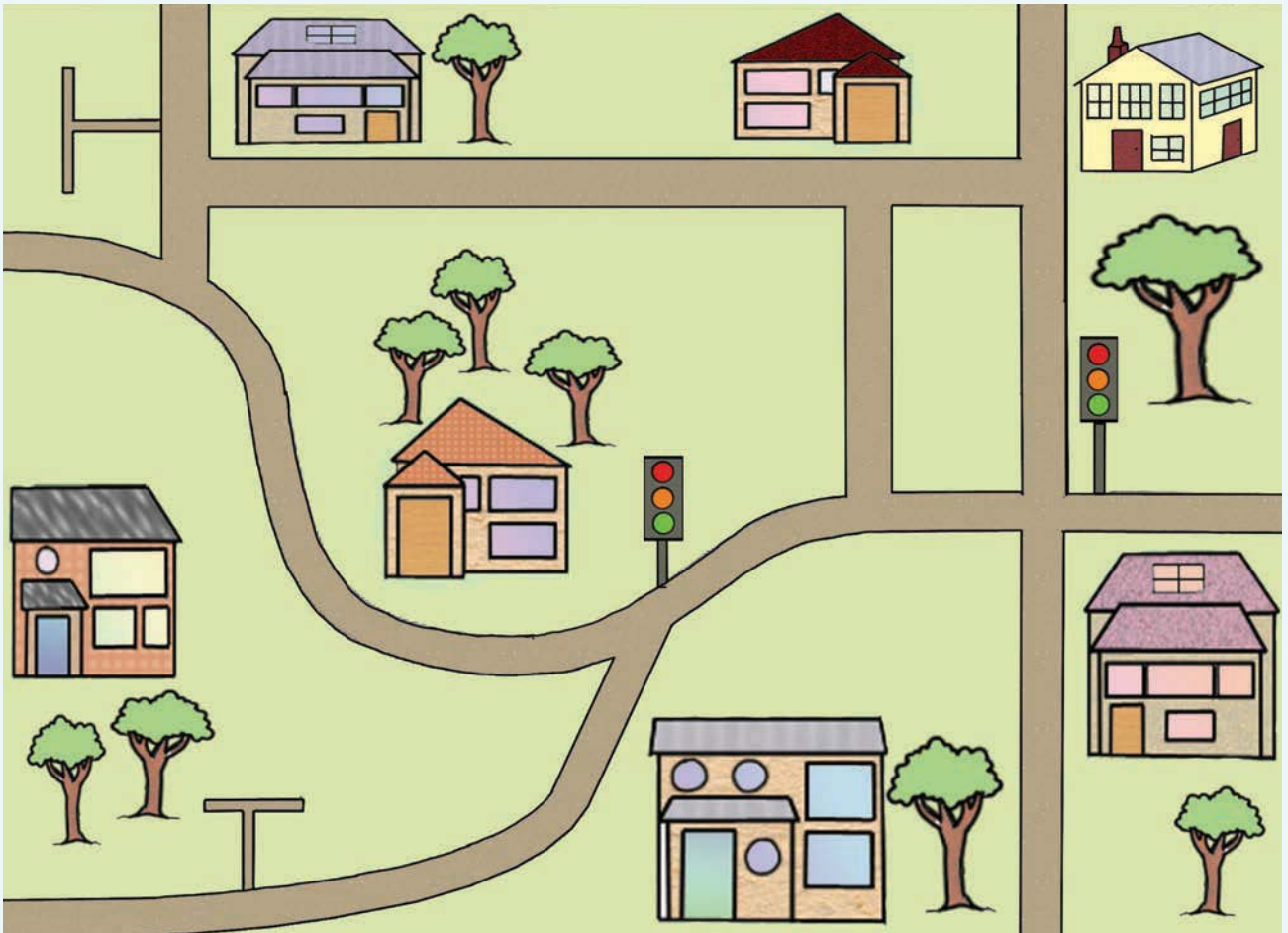




Amabalazwe

Buka isithombe.

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



Dweba lokhu ebalazweni elingezansi:

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



Sebenzisa ibalazwe elisekhasini
elidlule ukunikeza abangane bakho inkombandlela:

a. ukusuka emtholampilo uya esiteshini samaphoyisa.

b. esikoleni uya emtholampilo.

c. esikoleni uya enxanxatheleni yezitolo.

d. enxanxatheleni yezitolo uya emtatsheni wezincwadi.

e. emtatsheni wezincwadi uya esikoleni.

f. esibhedlela uya esikoleni.

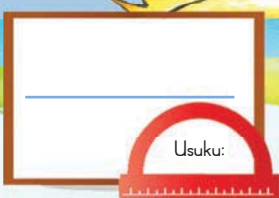


Teacher:
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Date:

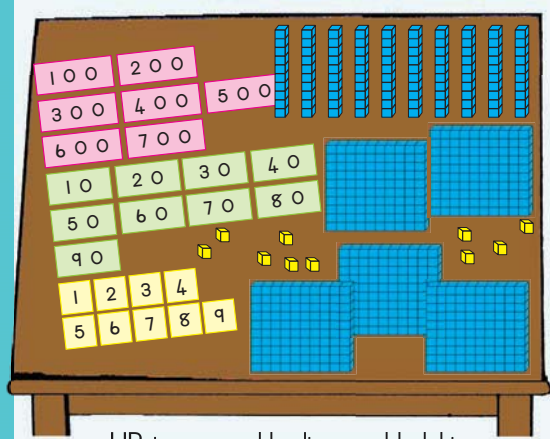


11 12 13 14 15 16 17 18 19 20



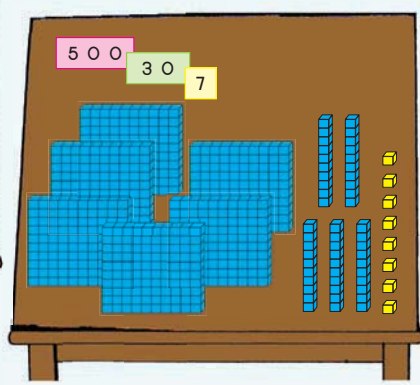


Izinombolo ezisuka ema-600 ziya ema-700

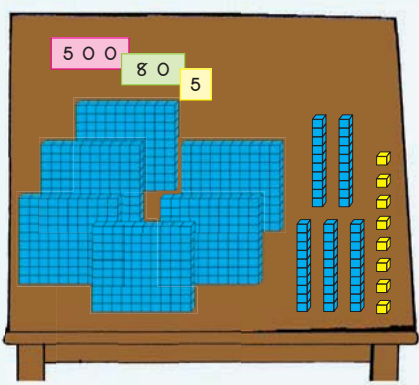


UPetru unamakhadi anamabhuloki ezinombolo ezingangeshumi.

Uthisha ucela uPetru aveze inani lama-537 ngamakhadi namabhuloki.



U-Aakar uveze lokhu. Yini angayenzanga kahle?



Bhala umusho wezinombolo bese unikeza impendulo.

$600 + 30 + 7 = 637$		



Bhala umusho wezinombolo bese unikeza impendulo.

$600 + 90 + 8$	$600 + 70$	$600 + 50 + 8$
$=$		



Qedela umugqa wezinombolo.

670	671	672								680
-----	-----	-----	--	--	--	--	--	--	--	-----

Ngibhalele izinombolo ezingaphansi kwama-675. _____

Ngibhalele izinombolo ezingaphezulu kwama-675. _____



Gcwalisela ngo, noma ($<$, $>$)

a. 670 _____ 607 b. 688 _____ 699

c. $600 + 50 + 5$ _____ 655



Hlahlela inombolo yakho.

a) Akha inombolo ngayinye ngamakhadi.

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

686	
690	
699	
673	
665	

Isibonelo: 632

6 0 0

3 0

2

6 3 2

632 $600 + 30 + 2$



Bhala izinombolo ngamagama.

672	
693	
607	
697	
660	



Teacher: _____

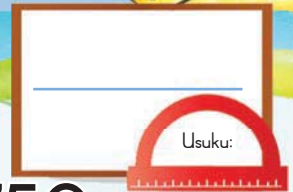
Sign: _____

Date: _____



11 12 13 14 15 16 17 18 19 20





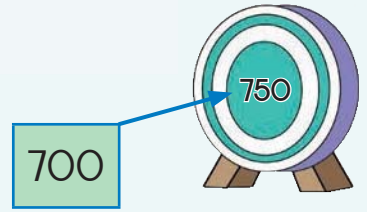
Izinombolo ezisuka ema-700 ziya ema-750



Bala bese ubhala.

a. Sebenzisa ishadi elilandelayo ukuze likusize ukubala kusula ku 700 kuya ku 750.

Phimisela inion bolo uma unbalance.



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

b. Bhala izinombolo ezidingekayo kule gridi engenhla.

c. Bhala izinombolo ezi-10 ezitholakala ngale kwama-750.

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

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

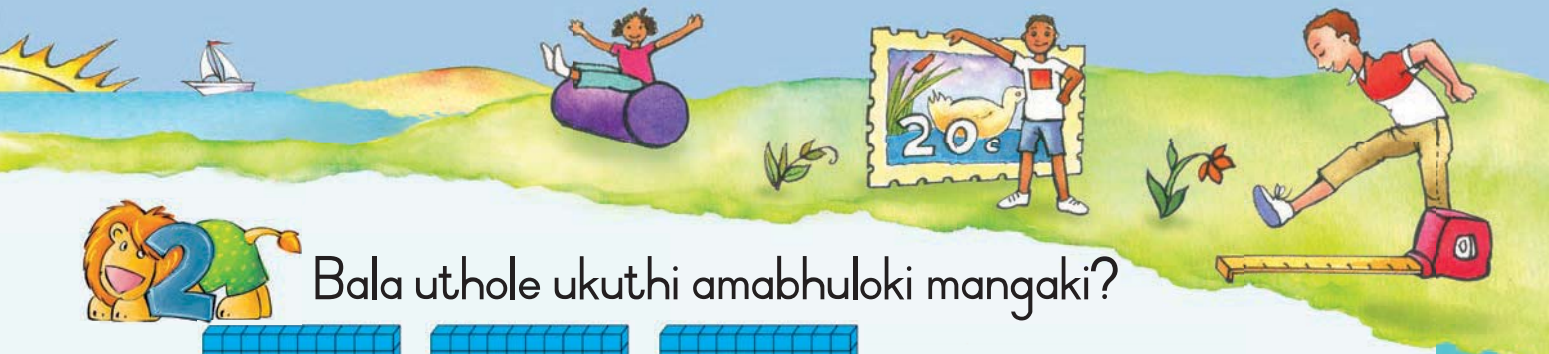
605; 607; 609; _____; _____; _____; _____; _____; _____; _____

e. Bhala zonke izinombolo ezinephethini lika-2 ngokusukela ema-753 kuye ema-735.

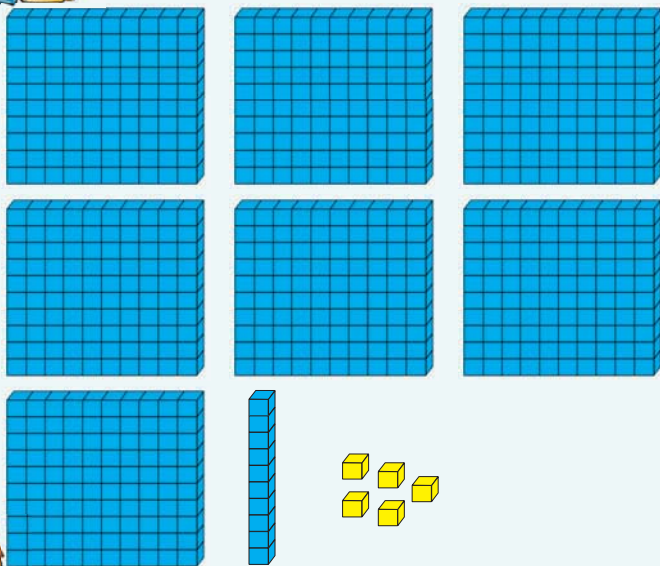
753; _____; _____; _____; _____; _____; _____; _____; _____; 735

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

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



Bala uthole ukuthi amabhuloki mangaki?



Uwabale kanjani amabhuloki?



Qedela lo mugqa wezinombolo.

700			703				707		709	
							746	747	748	
					706	711	716			



Qedela leli thebula.

Bhala usuke kokuncane uye kokukhulu

Bhala usuke kokukhulu uye kokuncane

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



Bhala izinombolo ezilandelayo ngamagama.

706	
-----	--

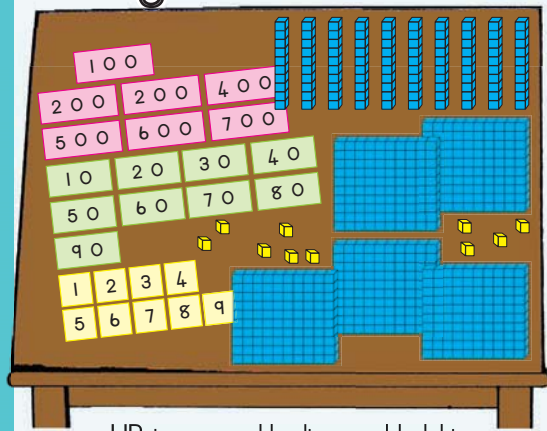
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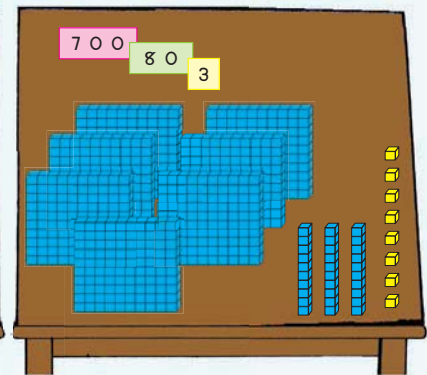
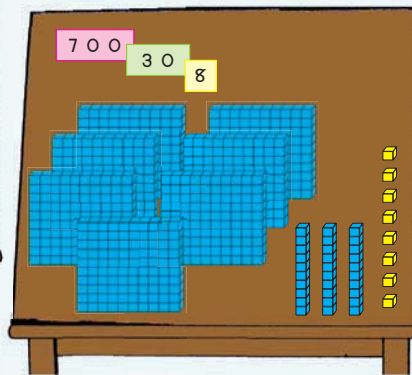
Ezinye izinombolo ezisukela ema-700 ziya ema-750



UPetru unamakhadi anamabhuloki ezinombolo ezingangeshumi.

Uthisha ucela uPetru aveze inani lama-738 ngamakhadi namabhuloki.

UJabu uveze lokhu. Yini angayenzanga kahle?



Bhala umusho wezinombolo bese unikeza impendulo.

$700 + 40 + 3 =$



Bhala umusho wezinombolo bese unikeza impendulo.

700

40

5

$700 + 40 + 5$

$=$

700

30

700

9



Qedela umugqa wezinombolo.

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

Nginikeze zonke izinombolo ezingaphansi kwama-704. _____

Nginikeze zonke izinombolo ezingaphezulu kwama-704. _____



Gcwalisa lokhu $<$, $>$ kumbe =

a. 750 _____ 749

b. 732 _____ 723

c. $700 + 40 + 9$ _____ 749



Hlahlela inombolo yakho.

a. Akha inombolo ngayinye ngamakhadi.

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

750	
728	
703	
730	
749	

Isibonelo: 747

7 0 0

4 0

7

7 4 7

747

$700 + 40 + 7$



Bhala izinombolo ngamagama.

714	
750	
742	
738	
704	



Teacher: _____

Sign: _____

Date: _____



11 12 13 14 15 16 17 18 19 20



Izinto eziyi-3-D

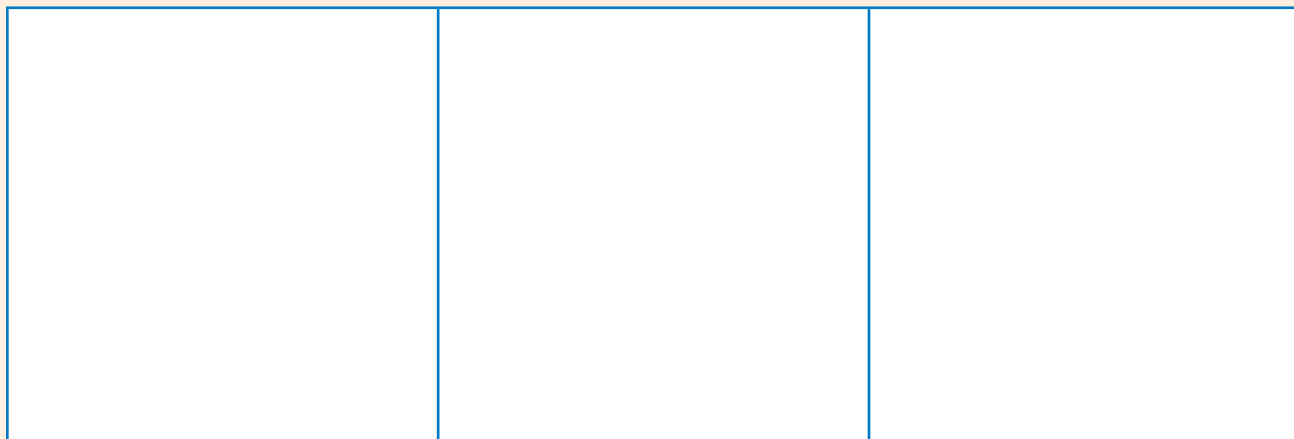


Buka isithombe.

Yikuphi kwalokhu okwakheke waba ngamabhola, amasilinda noma amabhokisi.



Thola izithombe ezimbili zalokhu uzinamathisele lapha ngezansi.



Dweba umugqwa ngaphansi kwempendulo efanele.

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





Okuqondile nokugobile.

Ezinye izinto zakheke zaba yisicaba. Ezinye zigobile.

		
Isilinda inezinhlangothi ezimbili eziyindilinga nolulodwa olugobile.	Ikhawuni inohlangothi olulodwa oluyindilinga kanye nolulodwa olugobile.	Isifiye sigobile kuzo zonke izinhlangothi zaso.



Ukugingqika

Enza sengathi uyayibona isilinda, ikhawuni kumbe isifiye kugingqika.

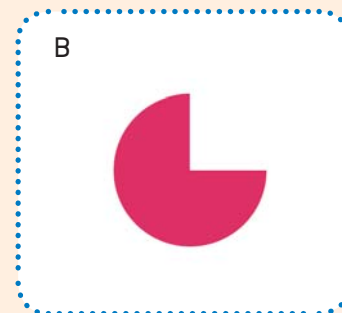
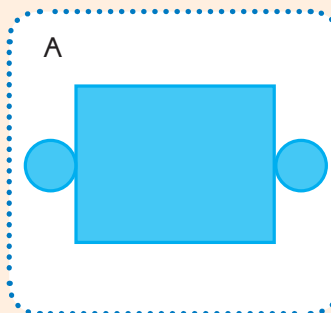
Kulezi ezintathu izinto, iyiphi:

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



Yini inethi?

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



Bhala izinombolo ezinohlamvu lwenethi olusongeka lwakhe ikhawuni. _____

Bhala izinombolo ezinohlamvu lwenethi olusongeka lwakhe isilinda. _____





Usuku: _____

Ukususa nokuhlanganisa ema-800



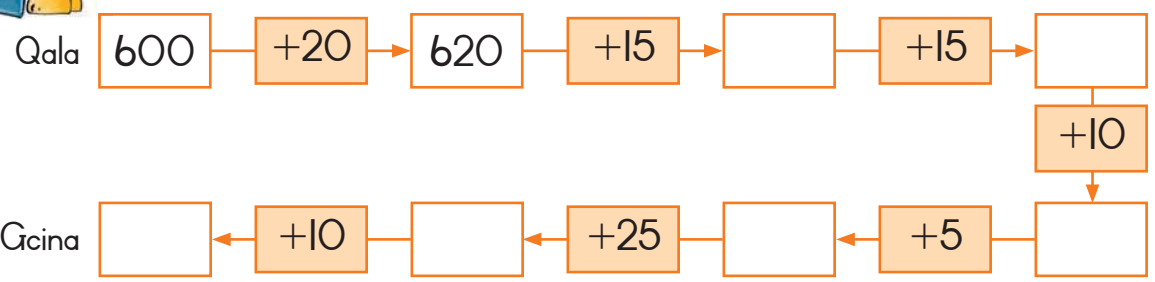
Yini engingayithenga ngama-R500?

Yiziphi kulezi zinto engingazithola ngokukhokha ama-R500?



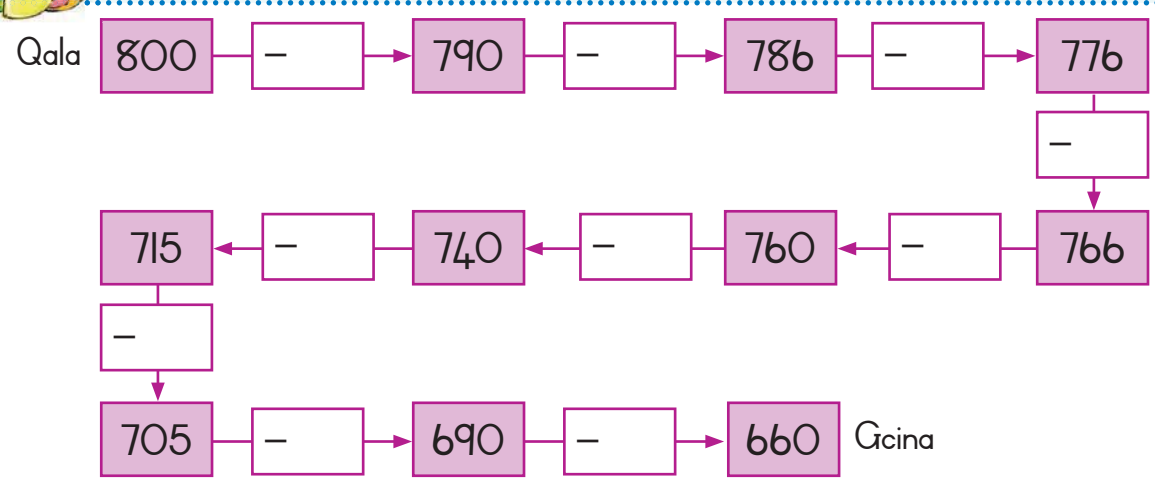
Engeza usukele ema-600.

Bhala izinombolo ezidingekayo.



Bala usuke ema-800 uhlehle.

Bhala izinombolo "eziguquka" njalo.





Enza lesi sibalo:

$$725 + 53 =$$

$$664 + 87 =$$

$$564 + 132 =$$

$$75 + 717 =$$



Enza lesi sibalo:

UJakobe uthole izimabule ezingama-525.

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

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

UNkk Ndlovu unike uNkk Naidoo ama-R650 emboleka.

UNkk Ndlovu usele nama-R250.

- Malini akade enayo uNkk Ndlovu ngaphambili?

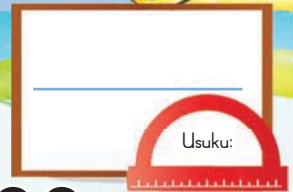
Teacher:

Sign:

Date:



11 12 13 14 15 16 17 18 19 20



Okunye ukuhlanganisa nokususa ema-800

Imindeni yezinombolo

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

Enza izibonelo kube ngu-4, 8 no-12.

$4 + 8 = 12$	$8 + 4 = 12$
$12 - 8 = 4$	$12 - 4 = 8$



Thola le mindeni.

Bhala imisho emi-4 yezinombolo eqoqweni ngalinye lezinombolo.

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



Thola izinto ongazihlanganisa.

Kulo msebenzi sizogala ngokukhomba amaphethini.

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



Uhambo olude.

UMnu Mkhize uvakashela umama wakhe ohlala ebangeni elingama-352 km ngemoto.

Uyama emva kokuhamba i-166 km. usazohamba kangakanani ngaphambi kokuthi afike?

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

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



Enza lesi sibalo:

Sebenzisa eyodwa yezindlela ezingenhla.

$$746 - 328$$

$$800 - 499$$

Teacher:

Sign:

Date:



11 12 13 14 15 16 17 18 19 20



Usuku: _____

Enza eyakho imindeni yezinombolo Okunye ngokususa nokuhlanganisa ema-800



Zakhele eyakho imindeni yezinombolo.
Umsebenzi wokuzijwayeza.

8 9 17

5 12 17

Isibonelo: Enza 17



$$\begin{aligned} 5 + 12 &= 17 \\ 12 + 5 &= 17 \\ 17 - 12 &= 5 \\ 17 - 5 &= 12 \end{aligned}$$

$$\begin{aligned} 8 + 9 &= 17 \\ 9 + 8 &= 17 \\ 17 - 9 &= 8 \\ 17 - 8 &= 9 \end{aligned}$$



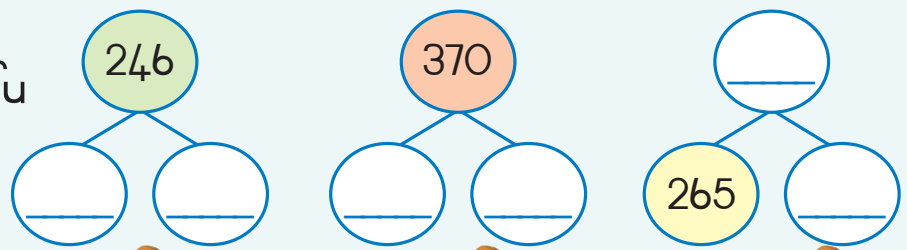
Enombolweni ngayinye ngezansi, khetha ezi-2 wenze ngazo umndeni.
Bhala imisho emi-4 yezinombolo (okubili + nokubili -) emndenini ngamunye wezinombolo.

Hlola!
Qhathanisa!
Hlola!

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



Thola ohhafu
kanye nezinombolo
ezihamba ngazimbili.





Ukuhhafula uma uzosusa.

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

Izibonelo:

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

Ake uzame lokhu:

$340 - 176$	$145 + 148$	$900 - 452$
-------------	-------------	-------------



Cwanninga izindlela.

256 wezingane unikwa izipho zikaKhisimuzi. Uhhafu wabo unikwa onodoli, bese kuthi uhhafu unikwe izimoto. Zingaki izingane ezithola izimoto?

Indlela yoku-1	Indlela yesi-2
$256 = 200 + 50 + 6$ → Uhhafu ka-200 ngu-100 → Uhhafu ka-50 ngu-25 → Uhhafu ka-6 ngu-3 $100 + 25 + 3 = 128$ → Uhhafu ka-256 ngu-128 Ngakho i-128 lezingane lithola izimoto	→ Uhhafu ka-250 = 125 → Uhhafu ka-6 ngu-3 $125 + 3 = 128$ → Uhhafu ka-256 ngu-128, Ngakho i-128 lezingane lithola izimoto.



Enza lesi sibalo:

Sebenzisa eyodwa yezindlela ezingenhla.

728 wezingane uthola ithoyisi ingane ngayinye esitolo sokudla sasendaweni. Uhhafu uthola amabhuloki okudlala. Bangaki ngokwenani abathola amabhuloki okudlala?

642 wezingane uthola imafini ingane ngayinye. Uhhafu uthola amamafini anoshokoledi. Bangaki ngokwenani abathola amamafini kashokoledi?

Teacher: _____
 Sign: _____
 Date: _____



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Amaphethini ezinombolo: Amashumi kokungama-800



Yini ongayisho ngezinombolo ezisemabhulokini ahlikihliwe?

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

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

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



Qedela imisho yezinombolo.

720; 730; 740; _____; _____; _____

800; 790; 780; _____; _____; _____



Engeza noma ususe ishumi.

I. Engeza ishumi enombolweni oyinikeziwe. Sikwenzele okokuqala.

a) $767 + 10 = 777$

b) 762 _____

c) 783 _____

d) 756 _____

e) 714 _____

f) 799 _____





a. $767 - 10 = 757$

2. Susa ishumi enombolweni oyinikeziwe. Sikwenzele okokuqala.

b. 762

c. 783

d. 756

e. 714

f. 799

3. Kwenzekani uma wengeza noma ususa ishumi ezinomb olweni ezingenhla?



Buka izindilinga ezibomvu ebhodini lezinombolo.

a. Yini oyibona kulezi zindilinga? _____

b. Elula lolu hide olulandelayo lwezinombolo:

704; 714; 724; _____; _____; _____

782; 772; 762; _____; _____; _____

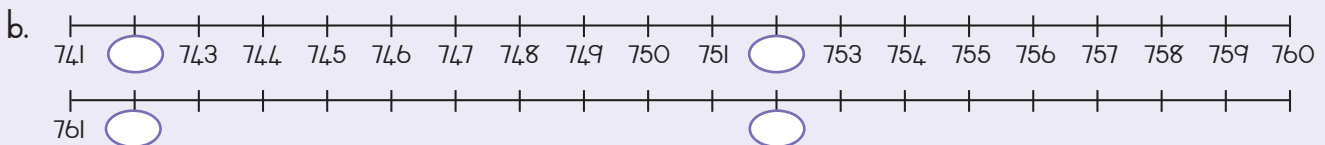
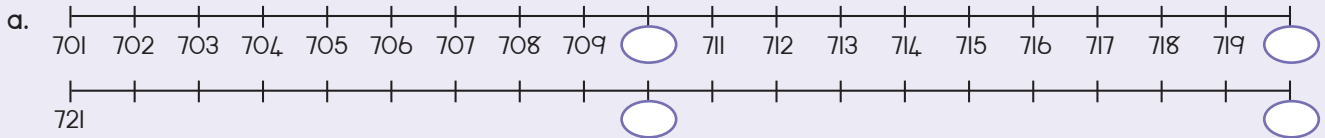
715; 725; 735; _____; _____; _____

737; 747; 757; _____; _____; _____

799; 789; 779; _____; _____; _____



Gcwalisa inombolo efanele endilingeni ngayinye kule migqa yezinombolo.



Nginenombolo enamadijithi ama-3.



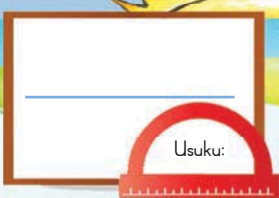
Idijithi lokuqala ngu-7, elilandelayo ngu-1 ngaphezu kwesikhombisa, elokugcina idijithi lingaphansi kwesikhombisa.

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

Teacher: _____
Sign: _____
Date: _____



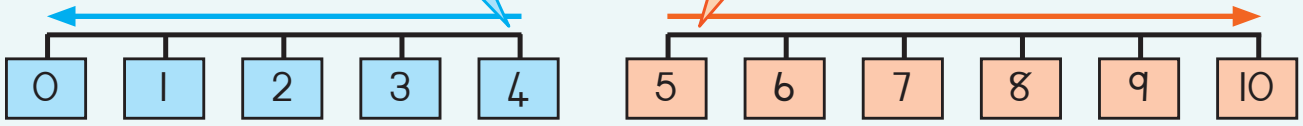
11 12 13 14 15 16 17 18 19 20



Ukusondezela emashumini

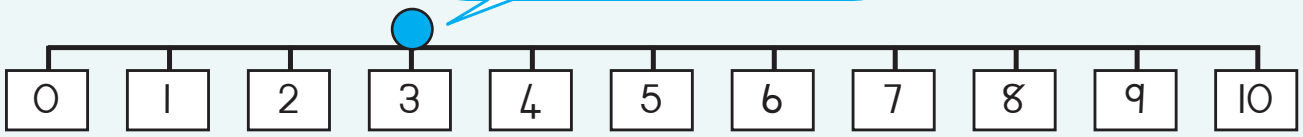
Zonke izinombolo ezihlelayo ezisuka ku-4 zidinga ukusondezelwa e-0.

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

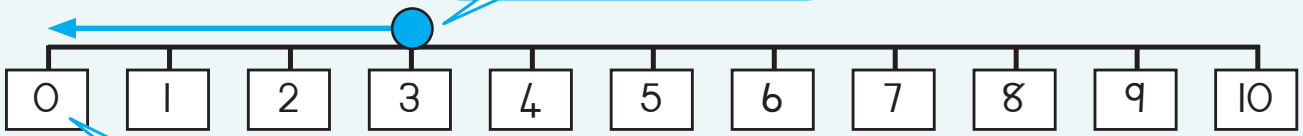


Masikhulume.

Buka izinombolo ezi-3 emgqeni wezinombolo.



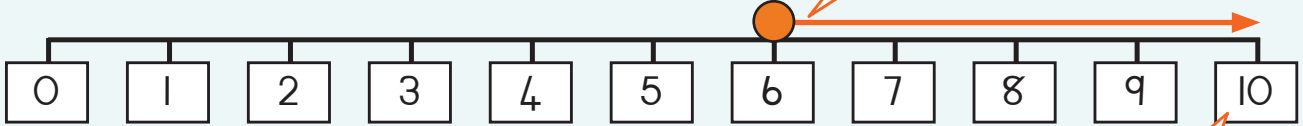
U-3 uzoba ngubani uma esondezelwa?



U-3 uma esondezelwa eshumini uzoba ngu-0.

Enza okufanayo ngalezi:

Uzoba ngubani u-6 uma esondezelwa eshumini?



Impendulo ithi uzoba ngu-10.



Sondezela eshumini.

U-12 uma esondezelwa uba ngu-____? U-19 uma esondezelwa uba ngu-____?



U-53 uma esondezelwa uba ngu-____? U-58 uma esondezelwa uba ngu-____?





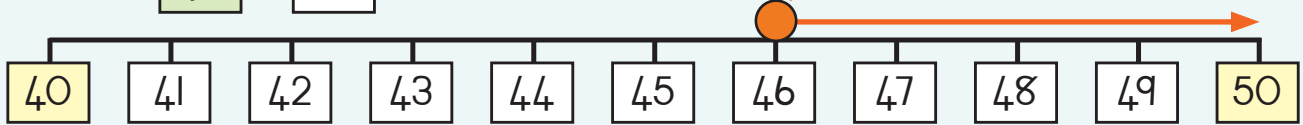
Sondezela eshumini eliseduze
usebenzisa umugqa wakho wezinombolo.

a. 46

46

50

Uphakathi kwamaphi amashumi amabili u-46?



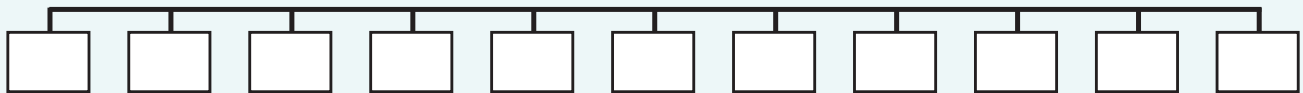
b. 63

Uphakathi kwamaphi amashumi amabili u-63?



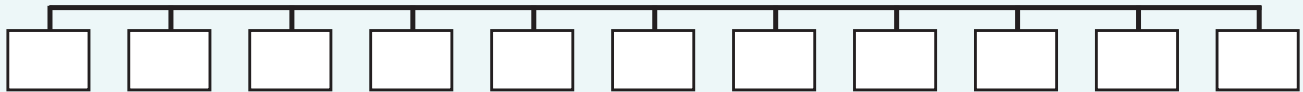
c. 37

Uphakathi kwamaphi amashumi amabili u-37?



d. 99

Uphakathi kwamaphi amashumi amabili u-99?



Uthomi unama-R48,00.

Iphakethe lamakhadi alitholile limbize ama-R5,00.

Umelwe ukuthenga amangaki esewonke amakhadi ngama-R48,00?



Teacher:

Sign:

Date:



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Ukuphindaphinda: Kusuka kokuhlanu kuya koku ngama 75

Kuyini okuza ngakuhlanu Iminwe yesandla esisodwa:



Mingaki iminwe:

2 yezandla?

3 yezandla?

4 yezandla?

5 yezandla?

6 yezandla?

7 yezandla?

8 yezandla?

9 yezandla?

10 yezandla?

Qondanisa isibalo kanye nombuzo ongakwesokunxele:

$$9 \times 5 = 45$$

$$7 \times 5 = 35$$

$$2 \times 5 = 10$$

$$4 \times 5 = 20$$

$$3 \times 5 = 15$$

$$5 \times 5 = 25$$

$$10 \times 5 = 50$$

$$6 \times 5 = 30$$

$$8 \times 5 = 40$$



Qedela Itebhula.

Amaqembu	Phindaphinda	Ukwabelana	Hlukanisa
2 amaqembu oku 5	$2 \times 5 = 10$	Abelana phakathi kuka 10 no 5	$10 \div 5 = 2$
7 amaqembu oku 5		Abelana phakathi kuka 35 no 5	
12 amaqembu oku 5		Abelana phakathi kuka 60 no 5	
15 amaqembu oku 5		Abelana phakathi kuka 75 no 5	

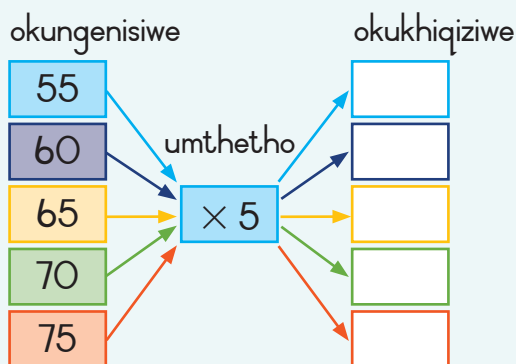
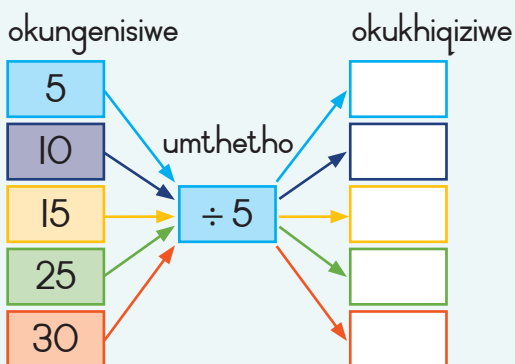
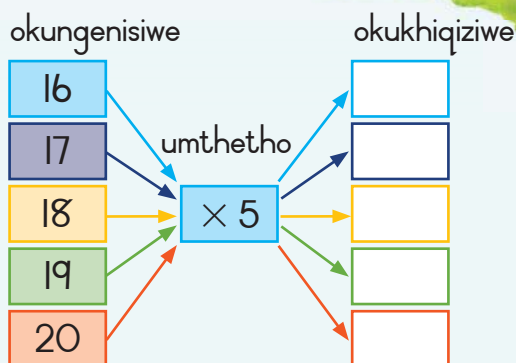
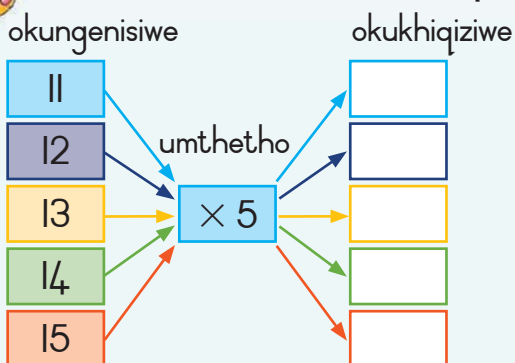


Qedela itebhula.

Ukwabelana	Hlukanisa
Abelana phakathi kuka 12 no 5	$12 \div 5 = 2$ okusele 2
Abelana phakathi kuka 64 no 5	
Abelana phakathi kuka 39 no	
Abelana phakathi kuka 73 no 5	



Qedela umdwebo wespayida.



Qedela ithebhula elngezansi.

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

$\times$	11	12	13	14	15	16	17	18	19	20
5										

Uyithole kanjani impendulo emablokhini anombalo o-sasibhakabhaka.



Xazulula okulandelayo.

Umama uthenge amaphaketwe amaswidi eR70.
Ukhokhe amaR5 ngephakethe ngalinye.
Uthenge amaphaketle amangaki amaswidi.



Teacher:

Sign:

Date:



11 12 13 14 15 16 17 18 19 20



Usuku:

Amaphethini ezinombolo: Okuhlanu kuyiswa ema-800



Yini ongayisho ngezinombolo ezisemabhulokini asawolintshi?

Bala o-5 abasema-705 kuya kuma-800. Yini eza emva kwama-720 uma ubala ngakuhlanu?

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

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



Qedela imisho yezinombolo.

725; 730; 735; _____; _____; _____

800; 795; 790; _____; _____; _____



Engeza noma ususe okuhlanu.

I. Engeza okuhlanu enombolweni oyinikiwe. Sikwenzele okokuqala.

a. $760 + 5 = 765$

b. 725 _____

c. 780 _____

d. 755 _____

e. 715 _____

f. 790 _____



a. $765 - 5 = 760$

2. Susa okuhlani enombolweni oyinikiwe. Sikwenzele okokuqala.

b. 760

c. 785

d. 750

e. 715

f. 790

3. Kwenzekani uma ususa noma wengeza okuhlani ezinombolweni ezingenhla?



Buka izindilinga ezibomvu ebhodini lezinombolo.

a. Ubonani kulezi zindilinga? _____

b. Elula lolu hide lwezinombolo:

703; 708; 723; _____; _____; _____

722; 727; 732; _____; _____; _____

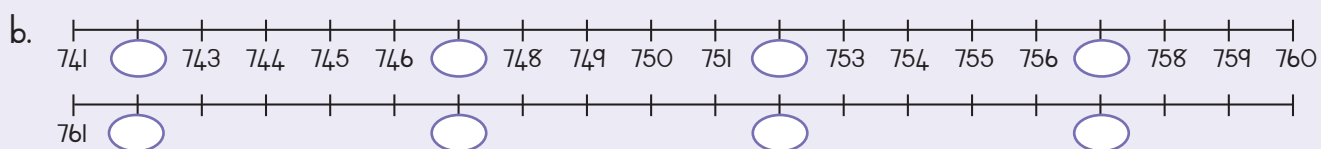
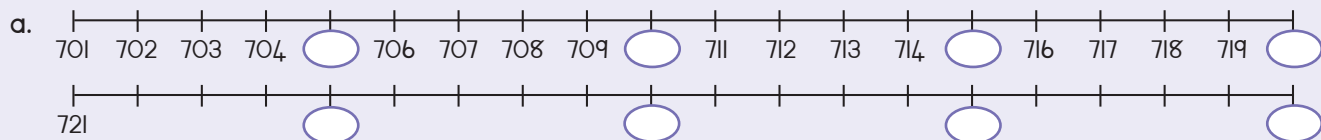
753; 758; 763; _____; _____; _____

714; 719; 724; _____; _____; _____

701; 706; 711; _____; _____; _____



Gcwalisa inombolo efanele endilingeni kule migqa yezinombolo.



Nginenombolo enamadijithi ama-3.



Idijithi lokuqala ngu-7, elilandelayo ngu-1 ngaphezu kwesikhombisa, elokucina idijithi lingaphansi kwesikhombisa.

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

Teacher:

Sign:

Date:



11 12 13 14 15 16 17 18 19 20



Usuku:

Ubusuku nemini



ICape Town

Ithebula elingezansi likhombisa ukuphuma kwelanga nokushona kwalo ngezikhathi ezahluahlukene onyakeni eCape Town. Funda izikhathi ethebuleni bese ugcwalisa ithebula lonke ngaphambi kokuphendula imibuzo engezansi.



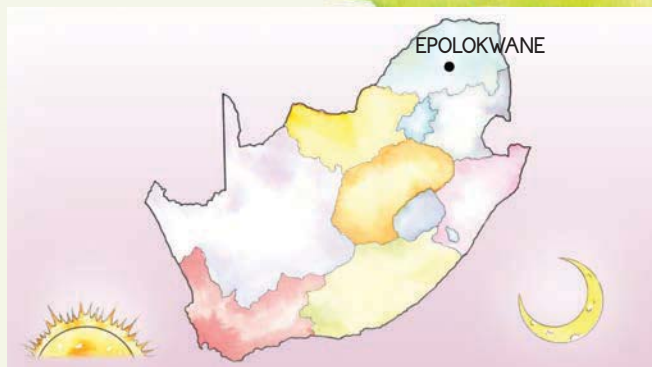
ECape Town	Ukuphuma kwelanga	Ukushona kwelanga	Ubude bosuku	Ubude bobusuku
Mashi 23	6:53 am	6:53 pm		
Juni 21	7:51 am	5:44 pm		
Septemba 19	6:41 am	6:41 pm		
Disemba 22	5:32 am	7:58 pm		

- a. Kukuziphi izinyanga lapho usuku nobusuku kulingana khona ngobude? _____
- b. Iyiphi inyanga enezinsuku ezinde? _____
- c. Iyiphi inyanga enezinsuku ezimfushane? _____
- d. Thola umahluko phakathi kwamahora nemizuzu phakathi kosuku olude kunazo zonke kanye nolufushane kunazo zonke. _____
- e. Osukwini ngalunye kwezingenhla, thola ubude bosuku nobobusuku.



EPolokwane

Ithebula elingezansi likhombisa ukuphuma kwelanga nokushona kwalo ngezikhathi ezahlukahlukeni onyakeni ePolokwane. Funda izikhathi ethebuleni bese ugcwalisa ithebula lonke ngaphambi kokuphendula imibuzo engezansi.



EPolokwane	Ukuphuma kwelanga	Ukushona kwelanga	Ubude bosuku	Ubude bobusuku
Masi 25	6:08 am	6:08 pm		
Juni 21	6:44 am	5:24 pm		
Septemba 17	5:57 am	5:57 pm		
Disemba 22	5:13 am	6:50 pm		

- Kukuziphi izinyanga lapho usuku nobusuku kulingana khona ngobude? _____
- Kukuziphi izinyanga kulezi lapho ubude bosuku bulingana khona eCape Town nasePolokwane? _____
- Kukuziphi izinyanga lapho kunokwehlukana khona? _____
- Thola umahluko phakathi kwamahora nemizuzu phakathi kosuku olude kunazo zonke kanye nolufushane kunazo zonke. _____
- Osukwini ngalunye, thola ubude bosuku nobobusuku. _____



Cela othile ozokusiza ukuthola ukuthi ilanga liphuma nini lishone nini endaweni yakini. Bhala lokhu ulandele isonto libe linye. Kungabe izinsuku ziyafinyela noma ziyeluleka?

Teacher:

Sign:

Date:



11 12 13 14 15 16 17 18 19 20



Ukuphindaphinda: Okungakubili kuze kufinyelele ku-75

Yizini njalo ezihamba
ngazimbili?
One ipheya lezicathulo.



Qedela ithebula

Zingaki izicathulo kulawa
mapheya?

1 ipheya lezicathulo? _____

2 wamapheya ezicathulo?

3 wamapheya ezicathulo?

4 wamapheya ezicathulo?

5 wamapheya ezicathulo?

6 wamapheya ezicathulo?

7 wamapheya ezicathulo?

8 wamapheya ezicathulo?

9 wamapheya ezicathulo?

10 wamapheya ezicathulo?

Qondanisa isibalo nombuzo
ongakwesokunxele:

$$1 \times 2 = 2$$

$$9 \times 2 = 18$$

$$7 \times 2 = 14$$

$$2 \times 2 = 4$$

$$4 \times 2 = 8$$

$$3 \times 2 = 6$$

$$5 \times 2 = 10$$

$$10 \times 2 = 20$$

$$6 \times 2 = 12$$

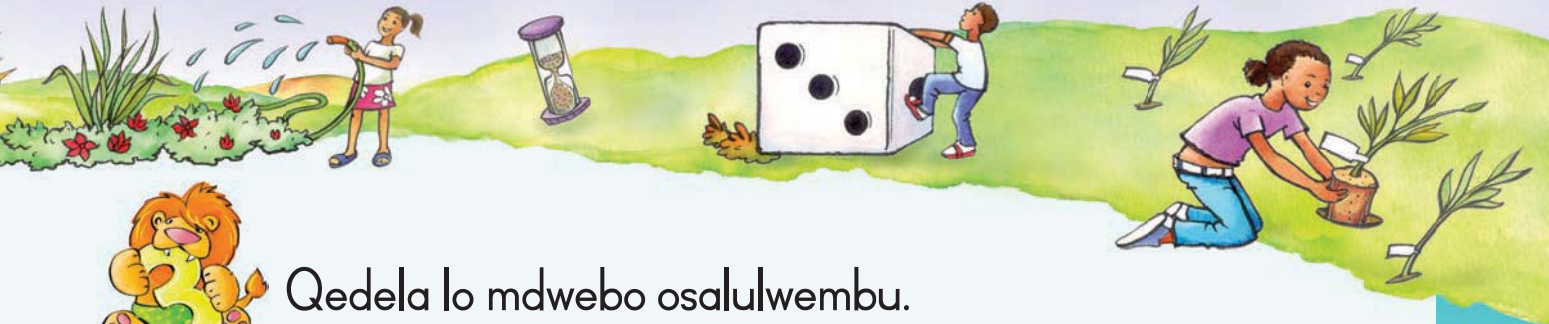
$$8 \times 2 = 16$$

Amaqoqo	Phindaphinda	Ukwaba	Hlukanisa
10 wamaqoqo ahamba ngaku-2	$10 \times 2 = 20$	Aba ama-20 wabele abantu aba-2	$20 \div 2 = 10$
15 wamaqoqo ahamba ngaku-2		Aba ama-30 wabele abantu aba-2	
20 wamaqoqo ahamba ngaku-2		Aba ama-40 wabele abantu aba-2	
35 wamaqoqo ahamba ngaku-2		Aba ama-70 wabele abantu aba-2	



Qedela ithebula

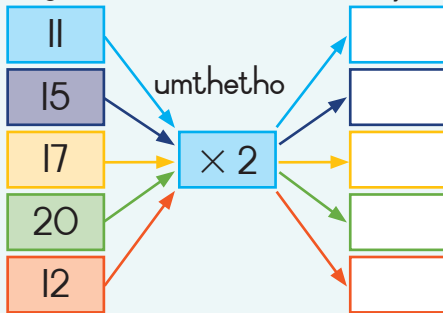
Ukwaba	Hlukanisa
Aba ama-21 wabele abantu aba-2	$21 \div 2 = 10$ kusala 1
Aba ama-33 wabele abantu aba-2	
Aba ama-67 wabele abantu aba-2	
Aba ama-75 wabele abantu aba-2	



Qedela lo mdwebo osalulwembu.

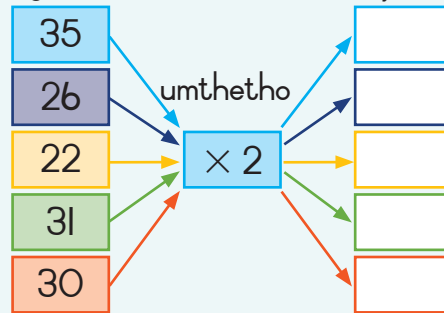
okungenisiwe

okukhiqiziwe



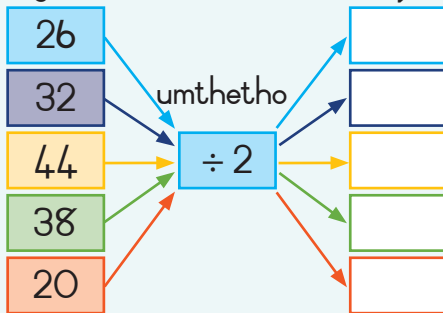
okungenisiwe

okukhiqiziwe



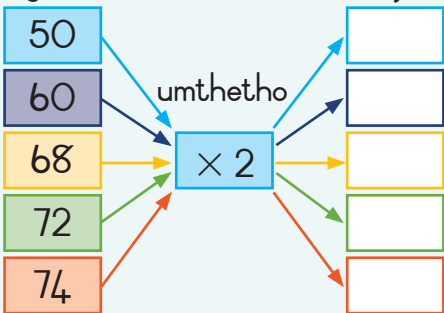
okungenisiwe

okukhiqiziwe



okungenisiwe

okukhiqiziwe



Qedela la mathebula angezansi:

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

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



Xazulula lesi sibalo:

Ngithenge 36 waswidi ngama-R2.
Ngikhokhe ama-R50, R20 kanye no-R5 owuhlweza.
Ube ngakanani ushintshi wami?



Teacher: _____
Sign: _____
Date: _____



11 12 13 14 15 16 17 18 19 20



Amaphethini ezinombolo: Okungakubili okufinyelela ema-800



Yini ongayisho ngezinombolo ezisebhulokini elinombala osawolintshi?

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

Iyiphi inombolo eza emva kwama-700 uma ubala ngakubili?

Bala uhlehle usuke ema-800 uye ema-710.

Iyiphi inombolo eza ngaphambi kwama-750 uma ubala uhlehla?

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



Qedela lezi zinombolo.

720; 722; 724; _____; _____; _____

800; 798; 796; _____; _____; _____



Engeza noma ususe okubili.

I. Engeza okubili enombolweni oyinikiwe. Sikwenzele okokuqala.

a. $764 + 2 = 766$

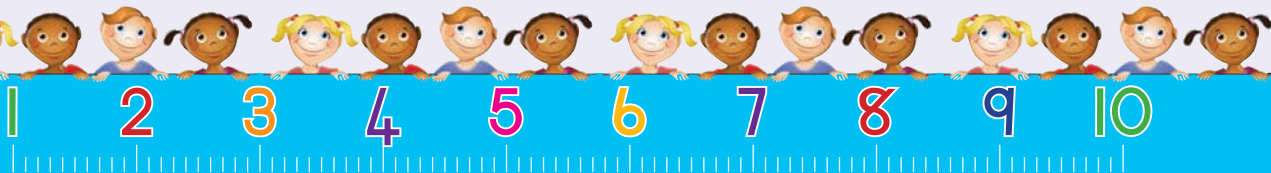
b. 762 _____

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 wengeza kumbe ususa okubili ezinombolweni ezingenhla?



Buka izindilinga ezisasibhakabhaka ebhodini lezinombolo.

a. Yini ongayisho ngalezi zindilinga? _____

b. Elula lezi zinombolo:

701; 703; 705; _____; _____; _____

783; 785; 787; _____; _____; _____

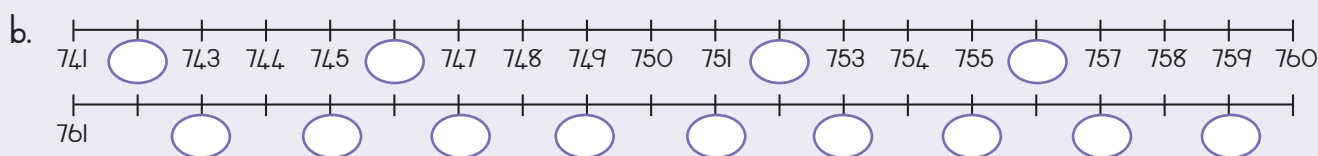
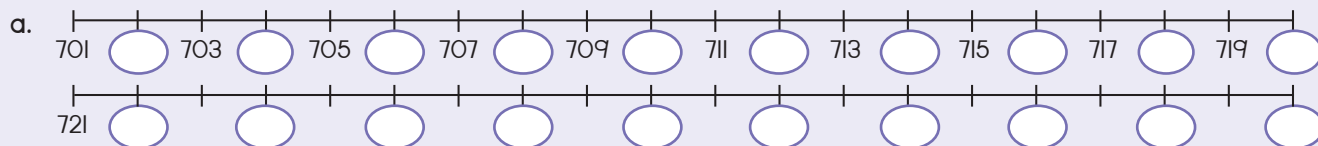
725; 727; 729; _____; _____; _____

779; 781; 783; _____; _____; _____

799; 797; 795; _____; _____; _____



Gcwalisa inombolo efanele endilingeni ngayinye kulemigqa yezinombolo.



Nginenombolo enamadijithi ama-3.



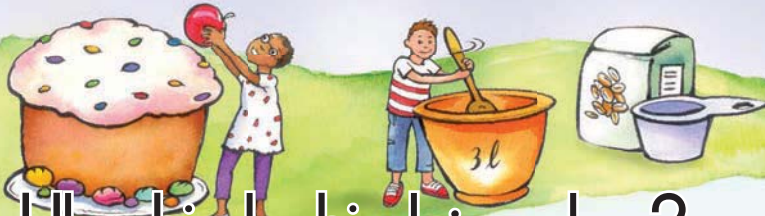
Idijithi lokuqala ngu-7, elilandelayo likhulu ngokubili kuno-7, bese kuthi elokugcina lincane ngokune kuno-7.

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

Teacher: _____
Sign: _____
Date: _____



11 12 13 14 15 16 17 18 19



Ukuphindaphinda: ngaku-2 nangaku-5
kuze kuyofinyela ema-75.



Ungathatha isikhathi esingakanani ukuphendula lokhu?

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



Bona ukuthi umngane wami wenzeni.

Xoxa ngalokhu.

$$4 \cdot 2 = 8$$

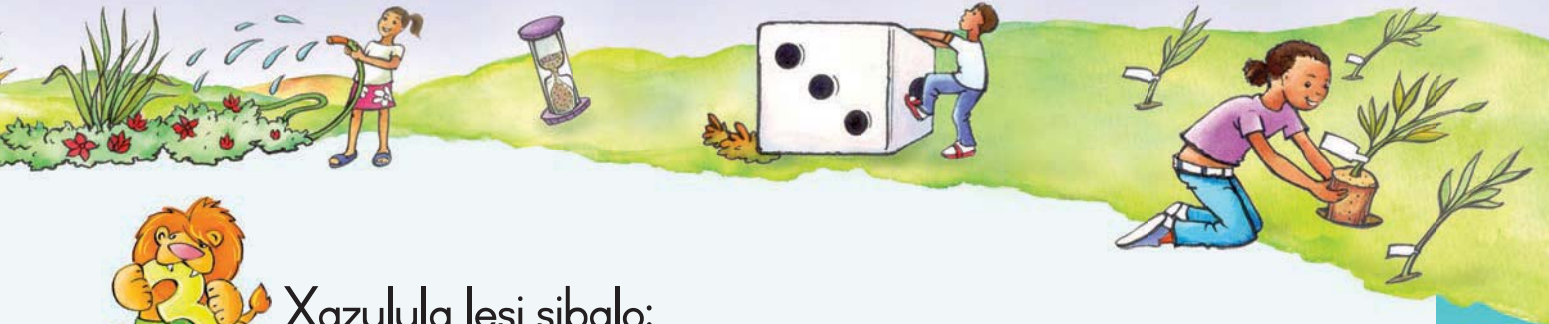
Umngane wami uveze u-4 · 2 kanje:

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

Enza okufanayo ngalokhu $4 \cdot 5 = 20$.

Ungabali	Amaqoqo alinganayo	Ukwengeza okuphindaphindiwe	Amaqoqo	Amaqiniso





Xazulula lesi sibalo:

24×3 $= (20 + 4) \times 3$ $= (20 \times 3) + (4 \times 3)$ $= 60 + 12$ $= 72$	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.
 Umngane wami uthenge amaswidi ayi-12 ngama-R5.
 Sikhokhe malini seyihlanganisiwe ngamaswidi esewonke?



Teacher: _____
 Sign: _____
 Date: _____



11 12 13 14 15 16 17 18 19 20



Ukuphindaphinda: ngakuthathu kuze kuyofinyelela ema-75

Yizini ezivame ukuhamba ngantathu? Amasondo ebhayisikili elimasondo-mathathu.



Lokhu kunamasondo amangaki?

1 ibhayisikili elimasondo-mathathu?

2 amabhayisikili amasondo-mathathu?

3 amabhayisikili amasondo-mathathu?

4 amabhayisikili amasondo-mathathu?

5 amabhayisikili amasondo-mathathu?

6 amabhayisikili amasondo-mathathu?

7 amabhayisikili amasondo-mathathu?

8 amabhayisikili amasondo-mathathu?

9 amabhayisikili amasondo-mathathu?

10 amabhayisikili amasondo-mathathu?

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 ithebula

Amaqoqo	Phindaphinda	Ukwaba	Hlukanisa
11 wamaqoqo ahamba ngaku-3	$11 \times 3 = 33$	Aba ama-33 wabele abantu aba-3	$33 \div 3 = 11$
15 wamaqoqo ahamba ngaku-3		Aba ama-45 wabele abantu aba-3	
25 wamaqoqo ahamba ngaku-3		Aba ama-60 wabele abantu aba-3	
12 wamaqoqo ahamba ngaku-3		Aba ama-36 wabele abantu aba-3	



Qedela ithebula

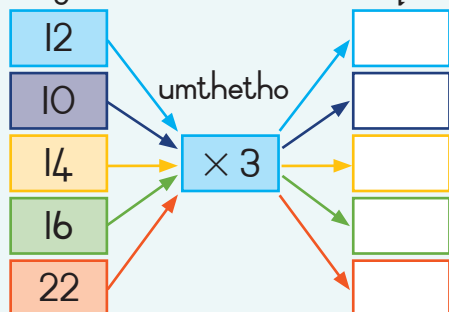
Ukwaba	Hlukanisa
Aba ama-37 wabele abantu aba- 3	$37 \div 3 = 12$ kusala 1
Aba ama-74 wabele abantu aba- 3	
Aba ama-49 wabele abantu aba- 3	
Aba ama-68 wabele abantu aba- 3	



Qedela lo mdwebo osalulwembu.

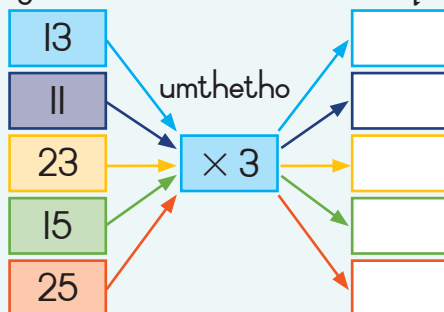
okungenisiwe

okukhiqiziwe



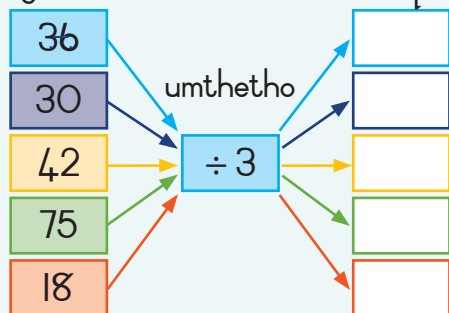
okungenisiwe

okukhiqiziwe



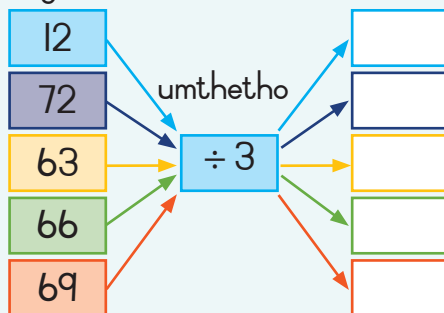
okungenisiwe

okukhiqiziwe



okungenisiwe

okukhiqiziwe



Qedela la mathebula angezansi:

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

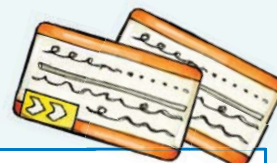
×	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
4															

Uyithole kanjani impendulo emabhulokini anombala osasibhakabhaka?



Xazulula lesi sibalo:

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



Teacher: _____

Sign: _____

Date: _____



11 12 13 14 15 16 17 18 19 20



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



Ungathatha isikhathi esingakanani ukuphendula lokhu?

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



Bona ukuthi umngane wami wenzeni.

$5 \cdot 2 = 10$

Xoxa ngalokhu.

Ngqiqale ngaveza $5 \cdot 2$ kanje:

Ungabali	Amaqoqo alinganayo	Ukuhlanganisa okuphindaphindekayo	Amaqoqo	Amaqiniso
2, 4, - - -	● ● - - - -	$2 +$ - - - -	—UMUGQA WOKU 2 xx	$2 \times$ - = - $4 \times$ - = - - $\div$ - = - - $\div$ - = -

Enza okufanayo futhi lapha $4 \cdot 5 = 20$.

Ungabali	Amaqoqo alinganayo	Ukuhlanganisa okuphindaphindekayo	Amaqoqo	Amaqiniso

$6 \cdot 4 = 24$

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 nabangane bami sinama-R63 ihlangene.
Sifuna ukwabelana ngokulinganayo sobathathu.



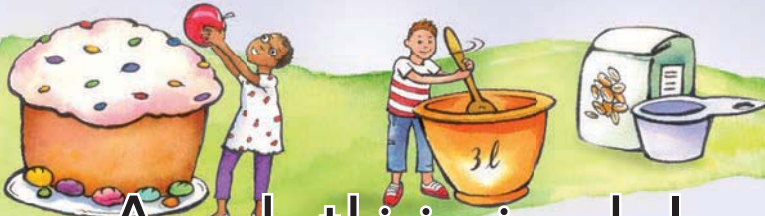
Teacher:

Sign:

Date:



11 12 13 14 15 16 17 18 19 20



Amaphethini ezinombolo: ngaku-3 kuze kuyofinyelela ema-800



Yini ongayisho ngezinombolo ezisemabhulokini
ainombala osawolintshi?

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

Bala uhlehle usuke ema-799 uye ema-903.
Iyiphi inombolo eza ngaphambi kwama-766 uma
ubala uhlehla?

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



Qedela lezi zinombolo.

703; 706; 709; _____; _____; _____

799; 796; 793; _____; _____; _____



Engeza noma ususe oku-3.

I. Engeza okuthathu kwinombolo enikeziwe sikwenzele okuqala.

a. $766 + 3 = 769$

b. 766 _____

c. 783 _____

d. 756 _____

e. 713 _____

f. 790 _____





2. Susa okuthathu enombolweni oyinikiwe. Sikwenzele okokuqala.

a. $76b - 3 = 763$

b. 763 c. 789 d. 756 e. 713 f. 799

3. Kwenzekani uma wengeza noma ususa okuthathu ezinombolweni ezingenhla?



Buka iziyingi ezisasibhakabhaka ebhodini lezinombolo.

a. Yini eqaphelekayo kulezi ziyingi? _____

b. Elula lezi zinombolo:

704; 707; 710; _____; _____; _____

782; 785; 788; _____; _____; _____

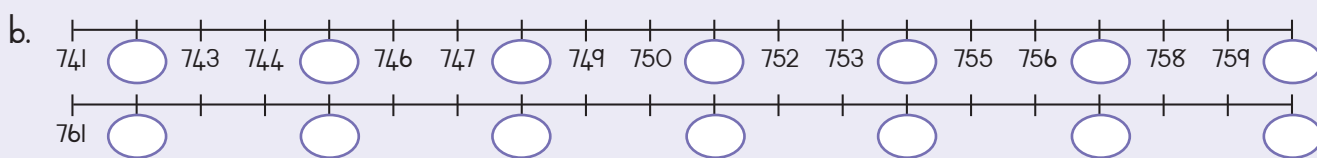
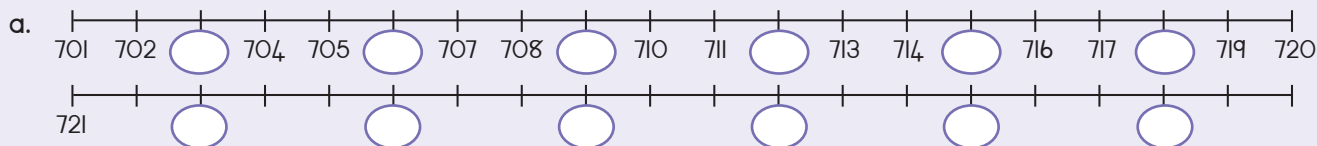
773; 776; 779; _____; _____; _____

779; 782; 785; _____; _____; _____

779; 776; 773; _____; _____; _____



Gcwalisa inombolo efanele endilingeni ngayinye kule migqa yezinombolo.



Nginenombolo enamadijithi ama-3:



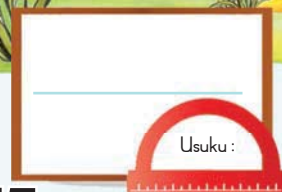
Idijithi lokuqala ngu-7, elilandelayo likhulu ngokubili kuno-7, elokucina lincane ngokuyisi-7 kuno-7.

Uma ungabala ngakuthathu usukele kule nombolo, iyiphi le nombolo?

Teacher: _____
Sign: _____
Date: _____



11 12 13 14 15 16 17 18 19



Ukuphindaphinda: ngaku-4 uye ema-75

Yizini ezivame ukuhamba
ngazi-4?
Amasondo emoto.



Mangaki amasondo
kulokhu

1 imoto?

2 imoto?

3 imoto?

4 imoto?

5 imoto?

6 imoto?

7 imoto?

8 imoto?

9 imoto?

10 imoto?

Qondanisa isibalo nombuzo
ongakwesokunxele:

$$9 \times 4 = 36$$

$$7 \times 4 = 28$$

$$2 \times 4 = 8$$

$$4 \times 4 = 16$$

$$3 \times 4 = 12$$

$$5 \times 4 = 20$$

$$1 \times 4 = 4$$

$$10 \times 4 = 40$$

$$6 \times 4 = 24$$

$$8 \times 4 = 32$$



Qedela ithebula

Amaqoqo	Phindaphinda	Ukwaba	Hlukanisa
12 wamaqoqo ahamba ngaku-4	$12 \times 4 = 48$	Aba ama 48 wabele abantu aba 4	$48 \div 4 = 12$
16 wamaqoqo ahamba ngaku-4		Aba ama 64 wabele abantu aba 4	
18 wamaqoqo ahamba ngaku-4		Aba ama 72 wabele abantu aba 4	
15 wamaqoqo ahamba ngaku-4		Aba ama 60 wabele abantu aba 4	



Qedela ithebula

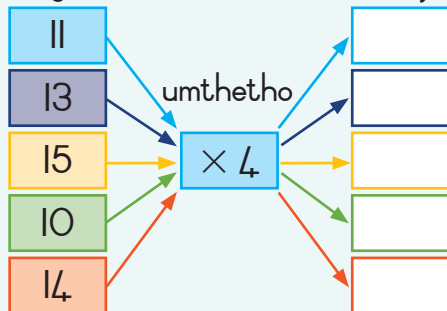
Ukwaba	Hlukanisa
Aba ama-35 wabele abantu aba-5	$35 \div 4 = 8$ kusala 3
Aba ama-55 wabele abantu aba-4	
Aba ama-70 wabele abantu aba-4	
Aba ama-75 wabele abantu aba-4	



Qedela lo mdwebo osalulwembu.

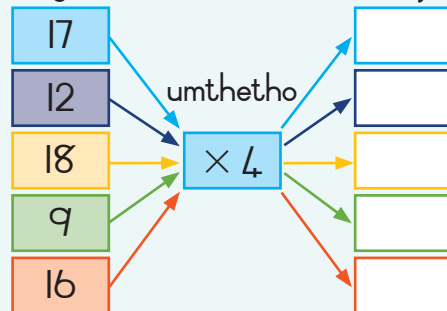
okungenisiwe

okukhiqiziwe



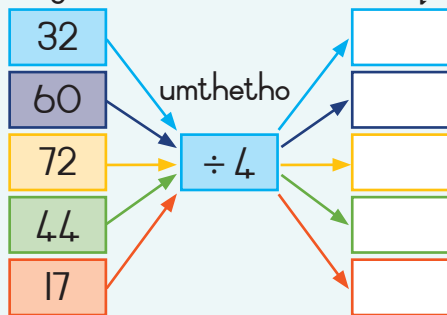
okungenisiwe

okukhiqiziwe



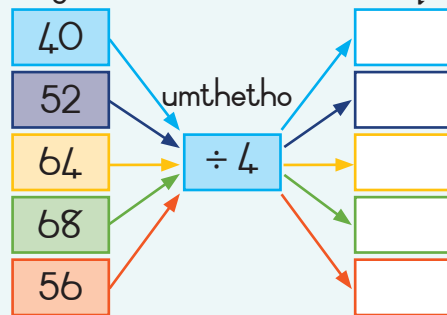
okungenisiwe

okukhiqiziwe



okungenisiwe

okukhiqiziwe



Qedela la mathebula 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															

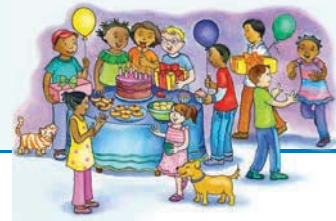
Uyithole kanjani impendulo emabhulokini anombala o- sasibhakabhaka?



Xazulula lesi sibalo:

Nginama-R75.

Zingaki izipho ezincane zephathi ongazithenga Nama R4?



Teacher:

Sign:

Date:



11 12 13 14 15 16 17 18 19 20



Usuku: _____

Amaphethini ezinombolo: okune kuze kuyofinyelela ema-800



Yini ongayisho ngezinombolo ezisebhulokini elinombala osawolintshi?

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

Bala ngakune uhlehle usukele ema-800 uye ema-704. Iyiphi inombolo eza ngaphambi 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; _____; _____; _____
------------------------------------	------------------------------------



Engeza noma ususe oku-4

I. Engeza okune enombolweni oyinikiwe. Sikwenzele okokuqala.

a. $7b4 + 4 = 7b8$

b. $7b4$ _____	c. 788 _____	d. 754 _____	e. 718 _____	f. 794 _____
----------------	----------------	----------------	----------------	----------------



2. Susa okune enombolweni oyinikiwe. Sikwenzele okokuqala.

a. $7b4 - 4 = 7b0$

b. 768

c. 784

d. 752

e. 714

f. 798

3. Kwenzekani uma wengeza noma ususa okune ezinombolweni ezingenhla?



Buka iziyingi ezisasibhakabhaka ebhodini lezinombolo.

a. Yini ongayisho ngalezi zindilinga? _____

b. Elula lezi zinombolo:

703; 707; 711; _____; _____; _____

783; 779; 775; _____; _____; _____

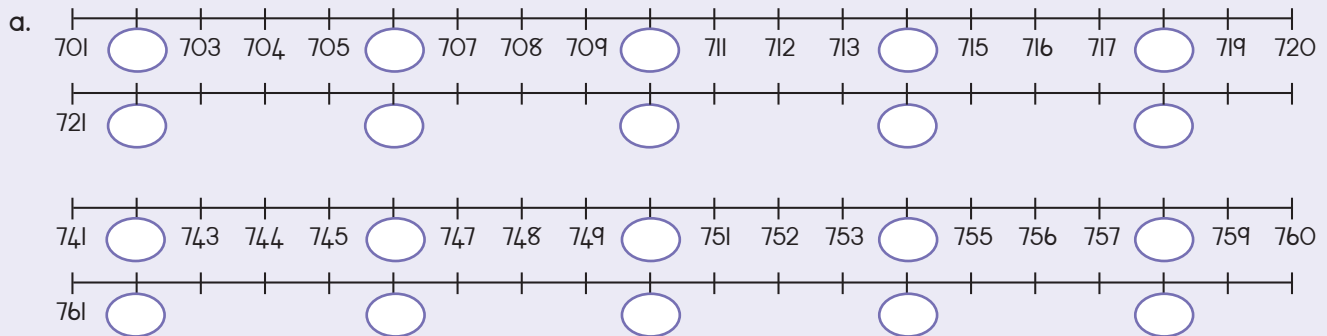
773; 777; 781; _____; _____; _____

799; 795; 791; _____; _____; _____

711; 715; 719; _____; _____; _____



Gcwalisa inombolo efanele endilingeni ngayinye kule migqa yezinombolo.



Nginenombolo enamadijithi ama-3.

Idijithi lokuqala ngu-7, elilandelayo likhulu ngokukodwa kuno-7, elokugcina lincane ngoku-3 kuno-7.

Uma ungabala ngakune usukele kule nombolo, iyiphi le nombolo?

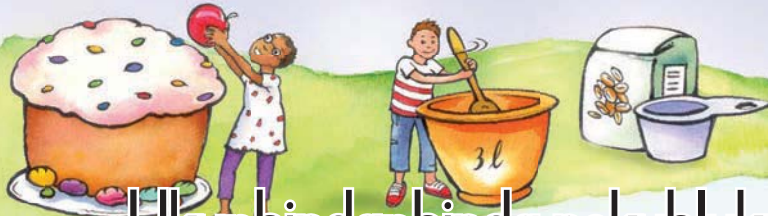
Iyiphi le nombolo? _____



Teacher: _____
Sign: _____
Date: _____



11 12 13 14 15 16 17 18 19



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



Ungathatha isikhathi esingakanani ukuphendula lokhu?

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



Faka umbala emabhulokini lapho isibalo sikunika khona insalela.

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



Wazi kanjani ukuthi le nombolo iyahlukaniseka ngo:

- 3? Uma uhlukanisa izinombolo, isb. $72, 7 + 2 = 9$ kanti ungayihlukanisa ngo-3 ukuthi leyo nombolo iyahlukaniseka ngo-3.
- 2? _____
- 5? _____





Hlukanisa bese uhlola impendulo yakho.

$65 \div 3$ $= (60 + 5) \div 3$ $= (60 \div 3) + (5 \div 3)$ $= 20 + 1 \text{ rem } 2$ $= 21 \text{ rem } 2$	$21 \times 3 + 2$ $= (20 + 1) \times 3 + 2$ $= (20 \times 3) + (1 \times 3) + 2$ $= 60 + 3 + 2$ $= 65$
a. $49 \div 5$	
b. $65 \div 5$	



Xazulula lesi sibalo:

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



Teacher: _____
Sign: _____
Date: _____



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Ukwakheka kwezinto eziyi-3-D



Buka lezi zithombe.

Qhathanisa lezi zinto.

Amabhola



Amabhokisi



Amasilinda



Buka lezi zithombe bese uqedela imisho nemibuzo.



a. Ibhola

_____.



b. Kungani ibhola lingashibiliki?

_____.



c. Isilinda

_____.



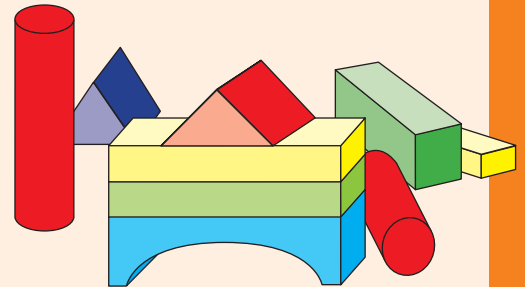
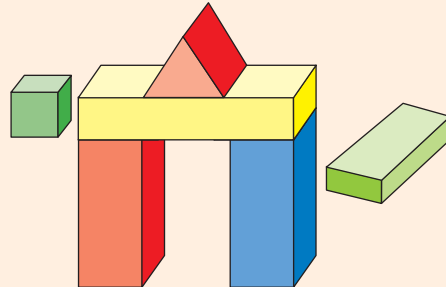
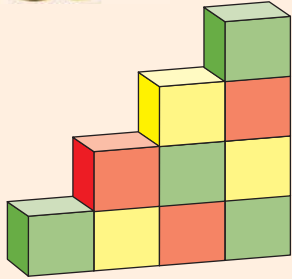
d. Isilinda kungabe iyakwazi ukushibilika?

_____.



Yisho igama lento esetshenziswe esithombeni ngasinye.

Lisho kanye kuphela igama. Yisho ukuthi leyo nto iyashibilika noma iyagingqika yini.





Yisho ukuthi izinto eziyi-3-D ziyizicaba noma zigobile yini.



Dweba lokhu okulandelayo:

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

Teacher:

Sign:

Date:



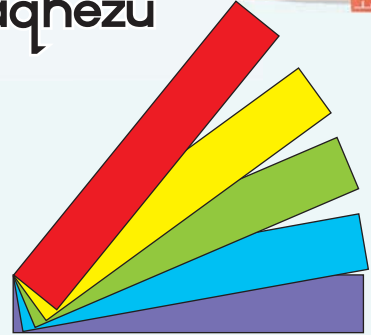


Amasethi emicu yamaqhezu

Okuzosetshenziswa: 5 wemicu esikwe ephepheni enemibala ehlukahlukene, isikele, ipensela/amakhrayoni



Akha isethi yakho
(Okusikwa Kukho 6)



Kowodwa umucu bhala amagama athi: "Okukodwa okuphelele"

Okukodwa okuphelele

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



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

Umucu wesithathu wugoqe ube wuhhafu, wugoqe futhi ube wuhhafu wesibili. Wuvule umucu



Zingaki izingxenye ezilinganayo? Bhala $\frac{1}{4}$ kowesine bese uwusika ulandele lapho bekugoqwe khona.



Sebenzisa isethi yezingcezu ukuphendula le mibuzo.

Bangaki ohhafu abakha okuphelele?

Mangaki amakota akha uhhafu?



Amaqhezu emgqeni wezinombolo.

Lo mucu ukhombisa okukodwa okuphelele.

Okukodwa okuphelele

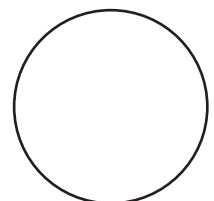
Le ndilinga ikhombisa okukodwa okuphelele.

Okukodwa okuphelele

Hlukanisa lo mucu ube yiqhezu lokwesithathu

Hlukanisa amaqhezu okwesithathu endilindeni.

Faka umbala eqhezwinini lokwesithathu.



Faka umbala eqhezwinini lokwesithathu.



Faka umbala kulokhu okulandelayo

Uhhafu owodwa	Amakota amathathu	Izingxenye ezimbili zeqhezu lokwesithathu
Izingxenye ezine zeqhezu lokwesihlanu	Uhhafu owodwa	Amakota amathathu



Dweba lokhu okulandelayo:

Amakota amathathu usebenzisa isikwele.	Uhhafu owodwa usebenzisa indilinga	Izingxenye ezimbili zeqhezu lokwesithathu usebenzisa unxantathu.
Izingxenye ezine zeqhezu lokwesihlanu usebenzisa indilinga	Amakota amabili usebenzisa isikwele	Izingxenye ezimbili zeqhezu lokwesithathu usebenzisa unxande



Lungisa isethi yakho

- Sika indilinga ngayinye kweziyisi-6 eKhasini Lokusikwayo 7.
- Sika izindilinga ezinhlanu zibe yizingcezu ulandela imigqa
- Lebula ucezu ngalunye:
 - o Ohlangothini olulodwa bhala iqhezu lehora.
 - o Kolunye uhlangothi bhala inani lemizuzu elakhiwa yilelo qhezu



Teacher: _____

Sign: _____

Date: _____



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Okunye ngamaqhezu



Bhala Yebo noma Cha

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



Aba ophaya

USipho, uGugu, u-Andile noLisa babelana uphaya.



- a. Ngilambile!
Ngifuna uhhafu



- b. Kulungile, ngiyavuma
ukudla ikota..



Dweba uphawini kaSipho.

Dweba uphawini kaSipho nokaGugu.

- c. Ngizodla uhhafu
walokho okuzosala..



- d. Ngisalelwe wuphaya
ongakanani mina?



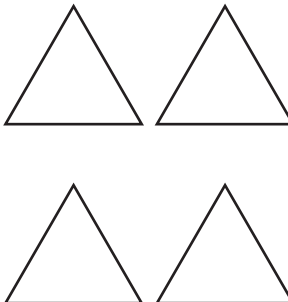
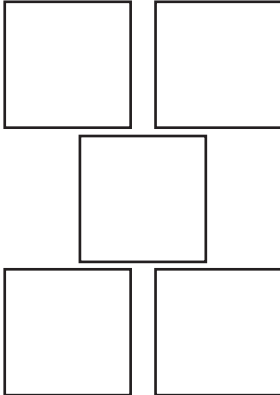
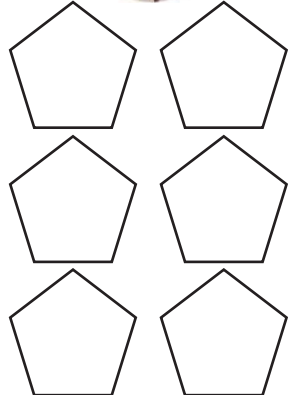
Dweba isabelo sikaSipho,
sikaGugu kanye nesika-Andile.

Dweba uphawini babo bonke baphaya.





Aba imimo uphe abantwana ngokuthi
udwebe umugqa bese ufaka umbala.

 	 	 	 
--	--	--	--



4 wabangane babelana ngamaswidi ama-5
ngokulingana.

Emunye uzothola amangaki?

Uthini umbuzo?

Yiziphi izinombolo?

Dweba isithombe.

6 wabangane babelana ngoswidi oyisi-9
ngokulinganayo.

Emunye uzothola amangaki?

Uthini umbuzo?

Yiziphi izinombolo?

Dweba isithombe..



Teacher:

Sign:

Date:

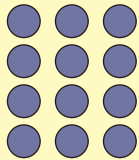


11 12 13 14 15 16 17 18 19 20



Ukwaba okuholela emaqhezweni

Nazi izinto zokubala eziyi-12



Singabangane sibabili. Sinesiqukathi esisodwa esisihlukanise ohhafu abalinganayo.

Lokhu sikubiza ngohhafu owodwa.

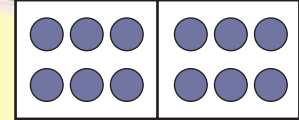


Lokhu sikubiza ngohhafu owodwa.

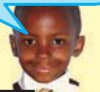


Sabelana izinto eziyi-12 zokubala ngokulinganayo sobabili.

Ngithole izinto zokubala eziyi-6.



Ngithole izinto zokubala eziyi-6.



Enza umdwebo walokhu okulandelayo bese uphendula imibuzo.

Amabhola ayisi-9 abelwa abangane abathathu bamantombazane



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

Kunamabhola ayi-12, wabele 4 wabangane. 3 wabangane ngabafana.

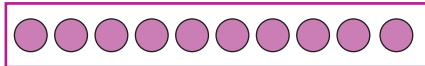


- Intombazane ngayinye izothola amabhola amangaki?
- Qhezu lini elizotholwa ngumfana ngamunye?



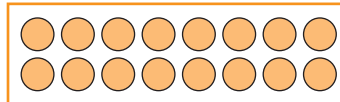
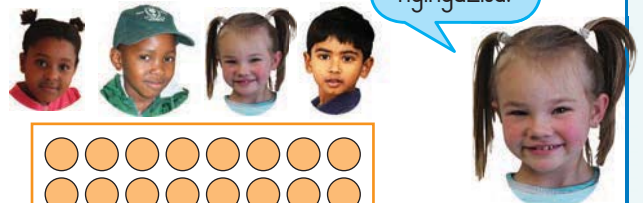
Qhezu lini elizotholwa ngumfana ngamunye?
Qhezu lini elizotholwa nguLisa?

Igama nginguMandla.

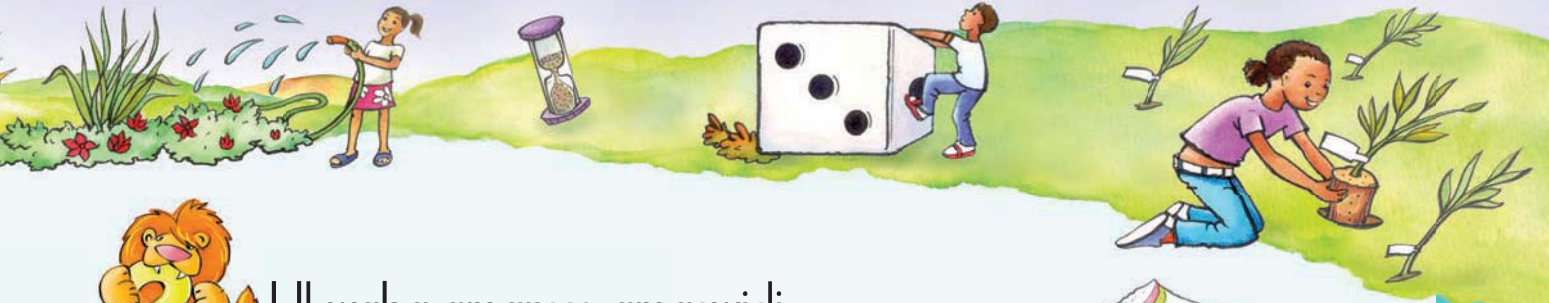


- Uzothola amabhola amangaki uMandla noLisa?

Igama nginguLisa.



- Uzothola amabhola amangaki uMandla noLisa?



Ukwaba amanye amaswidi.

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

a. Mangaki amaphakethe adingeka ukwabela:

4 wabangane? _____ 6 wabangane? _____ 9 wabangane? _____

b. Bangaki abangane abangabelana

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



Iziketzi zokudansa.

Omama nawogogo bathunag iziketzi zokudansa.

Ngesiketzi esi-1 badinga $2\frac{1}{2}$ wamamitha (m) endwangu.

Indwangu ibiza ama-R6 imitha.

a. Bazokwakha iziketzi ezingaki ngala mamitha?

5 m _____ 10 m _____

20 m _____ 25 m _____

b. Badinga indwangu engakanani ukwenza?

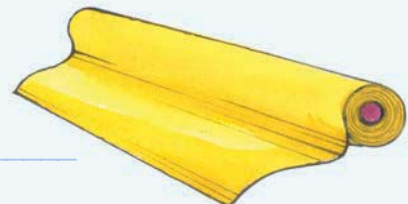
2 weziketi _____ 3 weziketi _____ 4 weziketi _____

c. Ibiza malini indwangu ezokwenza?

1 isiketzi _____ 2 weziketi _____ 3 weziketi _____

d. Bazokwakha iziketzi ezingaki ngale mali?

R450 _____ R825 _____ R180 _____



Teacher: _____
Sign: _____
Date: _____

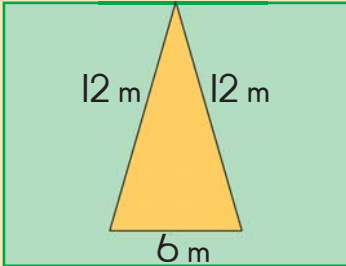


11 12 13 14 15 16 17 18 19 20



Ibanga elisizungezile

Make sibheke ibanga lendawo ezungeze into ethile.



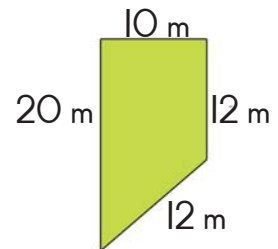
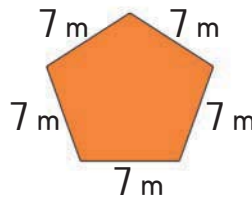
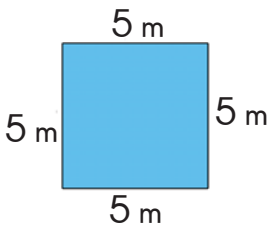
Umlimi unendawoi engunxantathu.

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



Ingadi kaVeronica.

UVeronica udweba ingadi azofuna ukutshala okuthile kuyo.

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

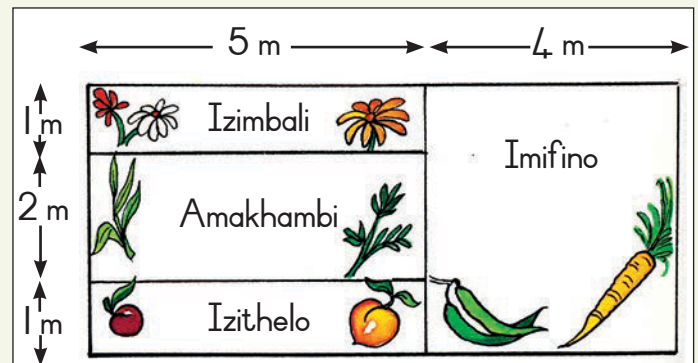
b. Yiziphi izingxenye ezinebanga elilinganayo elizungezile?

Lingakanani ibanga elizungeze lezi zingxenye?

_____ kanye _____ ubude bebanga elizungezile _____ m.

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

Luzobiza malini lulonke ucingo? _____





Dweba eyakho ingadi.

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



Izindilinga zokukala

Sebenzisana nomngane

Okuzosetshenziswa: 10 izindilinga ezinobukhulu obungalingani, njengepuleti, ingilazi, ithephu enamathelayo, isivalo sebhodlela, intambo kanye nesikele.

1. Khetha indilinga ozoyikala ngentambo.
2. Sika intambo ende ngokwanele ukuthi izungeze indilinga.
3. Elula intambo uyizungezise indilinga. Bala ukuthi ifinyelela kangaki ngaphesheya.
4. Enza kanjalo nakwezinye izindilinga.
5. Bhala konke okubonayo.



Ibanga elizungeze into eyindilinga libizwa ngobude obuzungezile.



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



Teacher:

Sign:

Date:



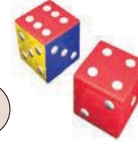
q5a



Ukuthengiselana ngemali

Dlala le mdlalo nomngane.

Okuzosetshenziswa:



RIOO's	RIO's	RI's	IOc	Ic

Ibhodi Lemali (Ekhasini Lokusikwayo 9), iphepha nepensela, amadayisi amabili, imali yokudlala (Ekhasini Lokusikwayo 10): RIOO nawo-RIO abangamaphepha; RI, IOc no-Ic owuhlweza.

Beka Ibhodi Lemali etafuleni.

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

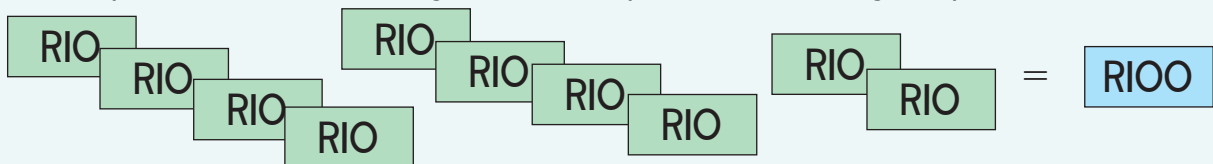


Engeza ufinyelele e-RIOO.

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

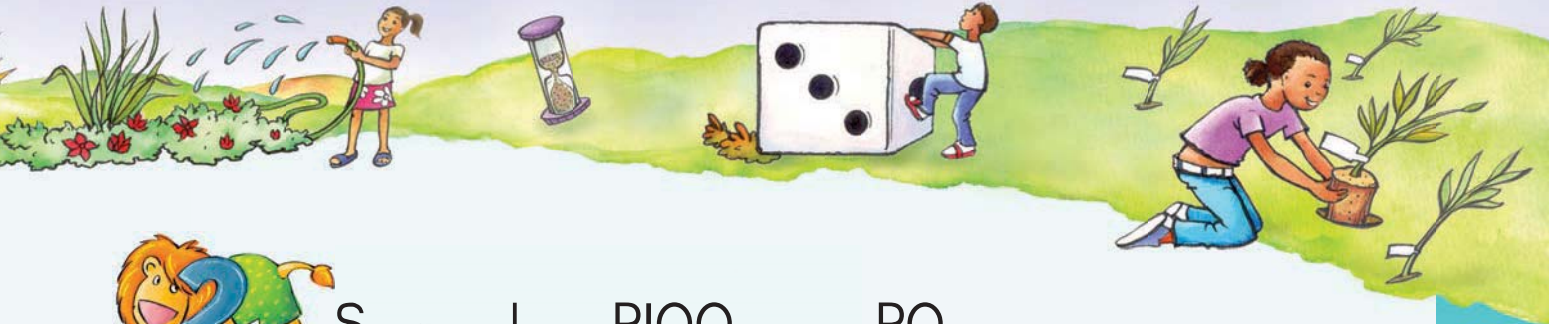


4. Owokuqala ozothola ama-RIO ayishumi awaguqulele e-RIOO nguye onqobile.



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





Susa usuke e-RIOO uye e-RO

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



Ukwengeza nokususa okufinyelela e-RIOOO

Engeza ngesamba esisedayisini njalo uma udlala e-RIO. Owokuqala ozofinyelela e-RIOOO nguye onqobile. Kumbi, qalani nge-RIOOO niye njalo niusa ngokudedelana kwenu. Owokuqala ozofinyelela e-RO nguye onqobile.



Ukwengeza kufinyelele e-RI.

RIOOs	RIOs	RIIs	IOc	Ic

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-I senti, thola uhlamvu luka-IO senti. Owokuqala ozothola uhlamvu lwale mali nguye onqobile.



Susa amasenti.

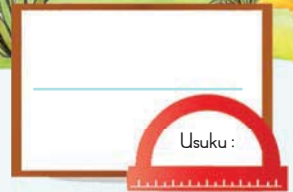
Qala nge-RI, ulisuse emdlalweni ngamunye. Owokuqala ozofika e-O wamasenti nguye onqobile.



Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20

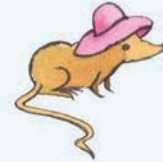


Masiyothenga!



Kuthengiswa izigqoko.

Isitolo sithengisa izigqoko ngamanani ama-5 ahlukene.



							Totals
Isicathulo a  R20	R20	R20	R20	R20	R20	R20	R120
Isicathulo b  R25	R25	R25	R25	R25	R25	R25	
Isicathulo c  R50	R50	R50	R50	R50	R50	R50	
Isicathulo d  R75	R75	R75	R75	R75	R75	R75	
Isicathulo e  R100	R100	R100	R100	R100	R100	R100	

a. Thola ubungako bezigqoko emgqeni ngamunye.

b. UMaZondo uthenga isigqoko esi-1 ohlotsheni ngalunye.

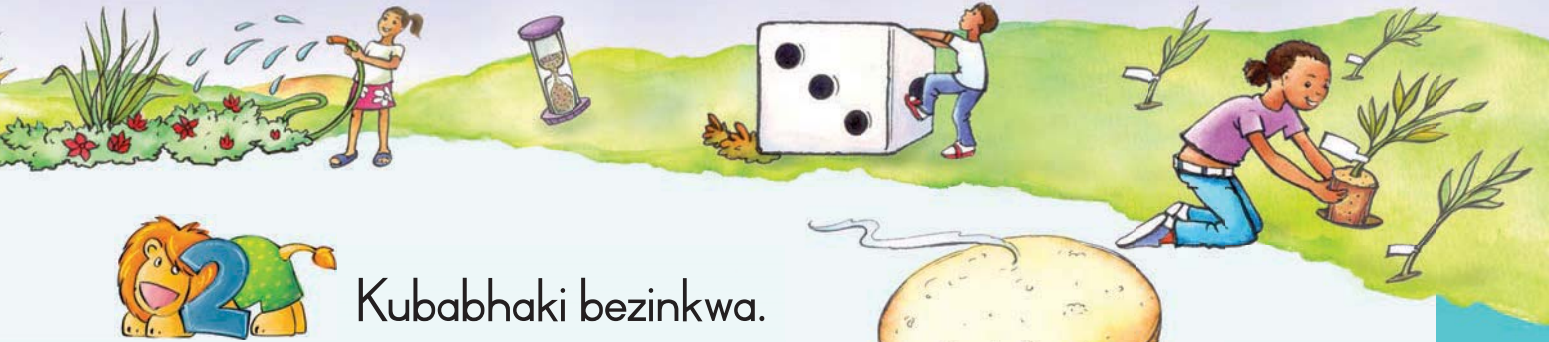
Ukhokha malini sejiyonke? _____

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

Uthenga ziphi ezinye izigqoko? Khombisa izindlela ezi-2.

Hlola!
Qhathanisa!
Lungisa!

Impendulo 1	Impendulo 2



Kubabhaki bezinkwa.

UMusa usebenzisa indlela yokupheka ukuze enze ikhekhe eliyisiponji..

Indlela yokupheka ikhekhe eliyisiponji

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

Azokunamathisela ekhekheni: 140 ml ukhilimu

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

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

b. Angenza amakhekhe amangaki uMusa ngaleli phakethe? _____

c. Thikha (✓) impendulo efanele..

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



Hlola!
Qhathanisa!
Lungisa!



Izibalo ezisheshayo

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

Teacher:
Sign: _____
Date: _____



11 12 13 14 15 16 17 18 19 20



Okunye ngemininingwane



Esiteshini samaphoyisa.

Amaphoyisa amahlanu enza umsebenzi ongafani. Aphi njengamanje ngalinye?

	Asedeskini	Ayazulazula	Asenkantolo
uSerufe			x
uMaria	x		
uSam	x		
u-Amos		x	
uDudu			x

Bhala igama lalowo: **Asedeskini?** _____

Ozulazulayo. _____

Osenkatholo. _____



Usuku lwezihlahla



Izikole ezihlanu ziyaqhudelana ukubona ukuthi yisiphi esizotshala izihlahla eziningi kakhulu ngoSuku lwe-Arbor



= 10 izihlahla.

iKlipspruit	       
iMthonjeni	     
iSonskyn	        
iThuthong	   
iMosiba	      

Zingaki izihlahla ezitshalwe yisikole ngasinye ulezi?

iKlipspruit	iMthonjeni	iSonskyn	iThuthong	iMosiba



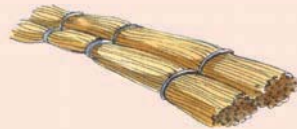
Luhlobo luni lophahla?

Abantwana beBanga lesi-3 benza inhlobo elokishini langakubo.

Bafuna ukuthola imininingwane ngezinhlobo zophahla ezindlini ezahlukenene.

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 bezigqoko

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: _____



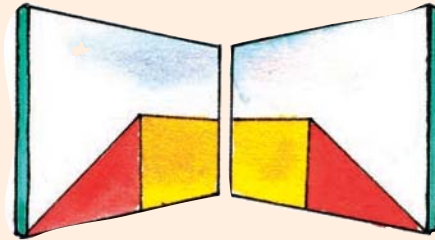
11 12 13 14 15 16 17 18 19 20



Okunye ngokulingana



Isibuko, isibuko.



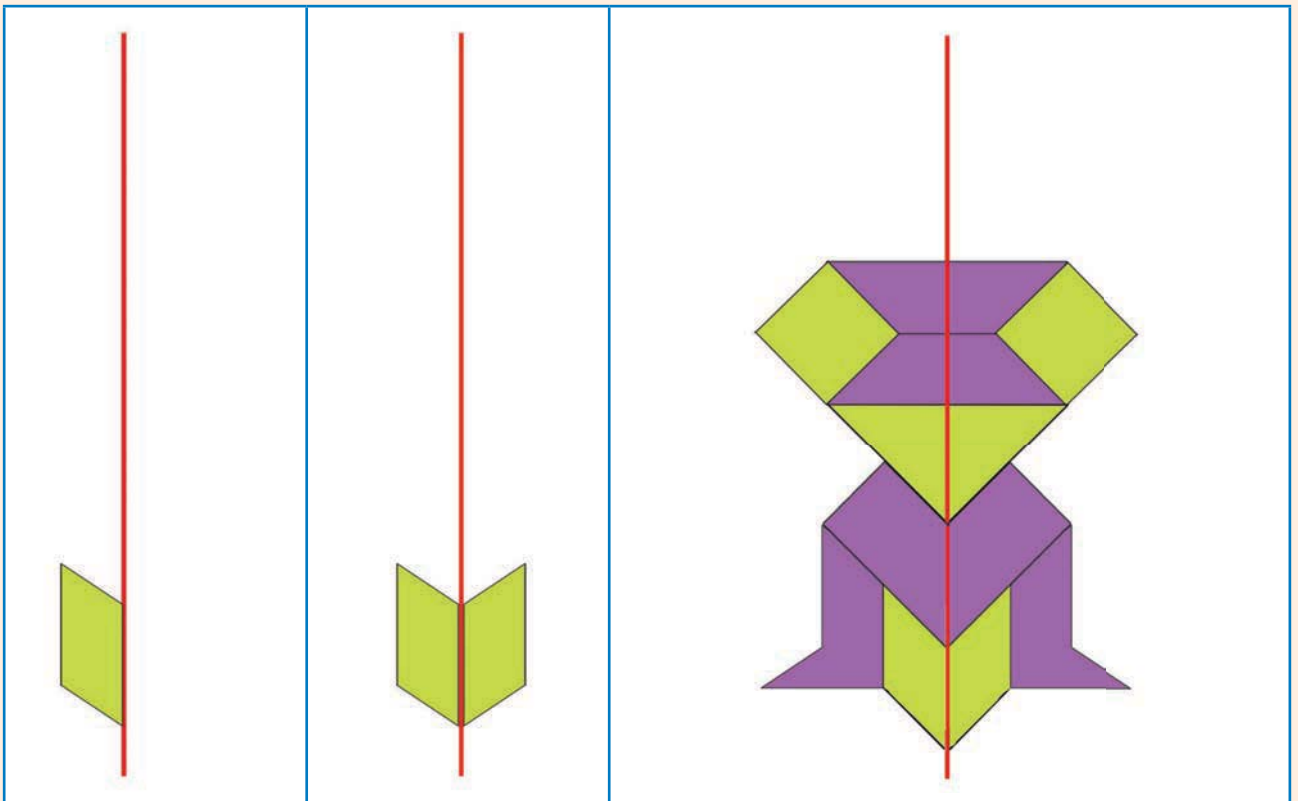
Dlala nomngane nisebenzise isethi eyodwa yamaphazili afana namathayili (ane-14 lezingcezu) kokuSikwayo II.

Umdlali ngamunye unohhafu wezingcezu (7 wezingcezu) wemimo yephazili engamathayili. Alukho ucezu olufana nolunye.

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

Umdlali wesibili ubeka umugqa ogqamile ngale komunye umugqa. Kumele kuwuthinte umugqa lowo kumbe kuthinte umumo obusuvele ubekiwe.

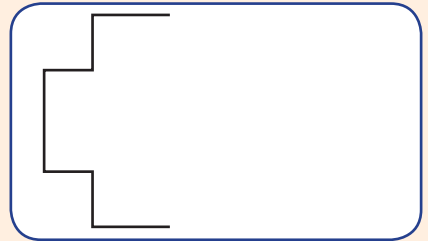
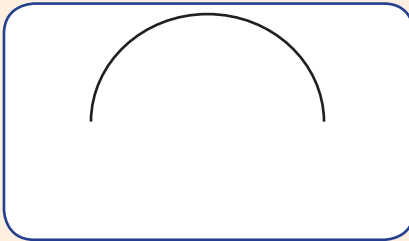
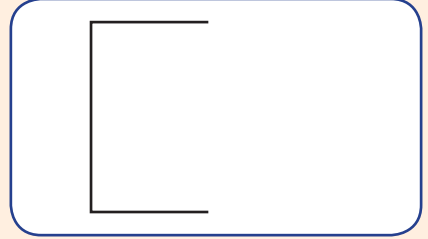
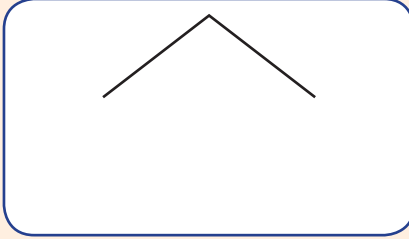
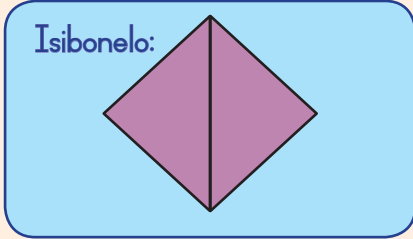
Umdlalo mawuqhubeke zize zisebenze zonke izingcezu.



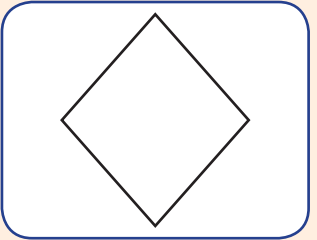
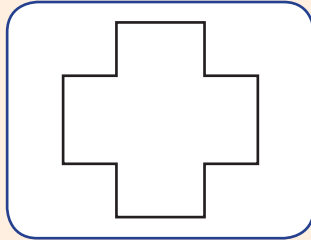
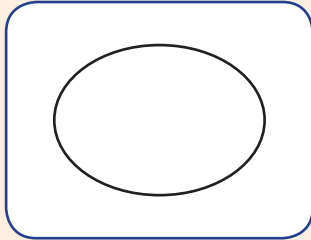
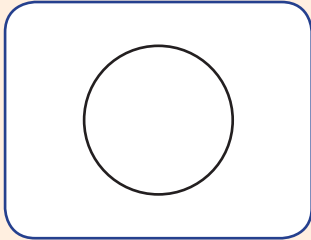
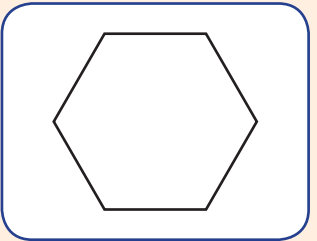
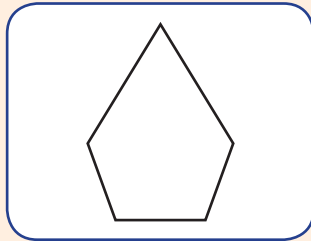
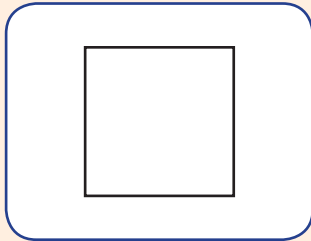
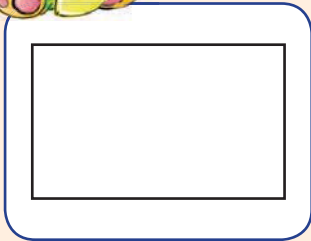


Dweba olunye uhlangothi lomumo.

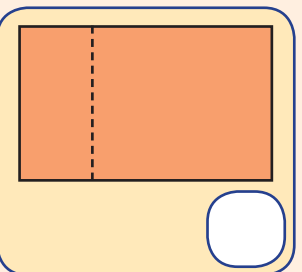
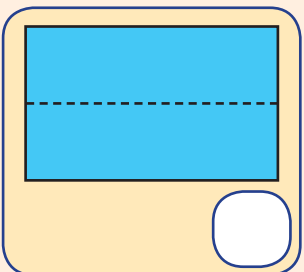
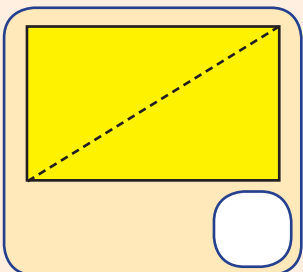
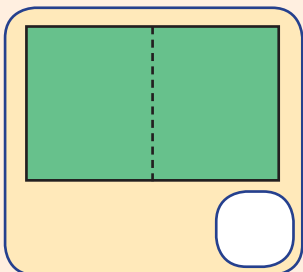
Bese uveza umugqa oveza ukulingana kwezingcezu.



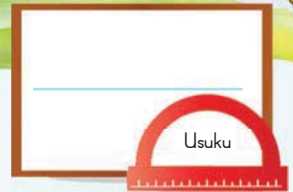
Dweba umugqa oveza ukulingana kwezingcezu kulokhu okulandelayo:



Thikha imimo enemigqa efanele ekhombisa uulingana kwezingcezu.



Teacher: _____
Sign: _____
Date: _____



Izinombolo 700 kuya ema-800

Qala ngokubala bese ubhala.



a. Sebenzisa ishadi elilandelayo ukuze likusize ukubala kusula ku 700 kuya ku 800.

Phimisela inion bolo uma unbalance.

700



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

b. Bhala izinombolo ezidingekayo kugridi engenhla.

c. Bhala izinombolo eziyi-10 ezitholakala ngale kwama-750.

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

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

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

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

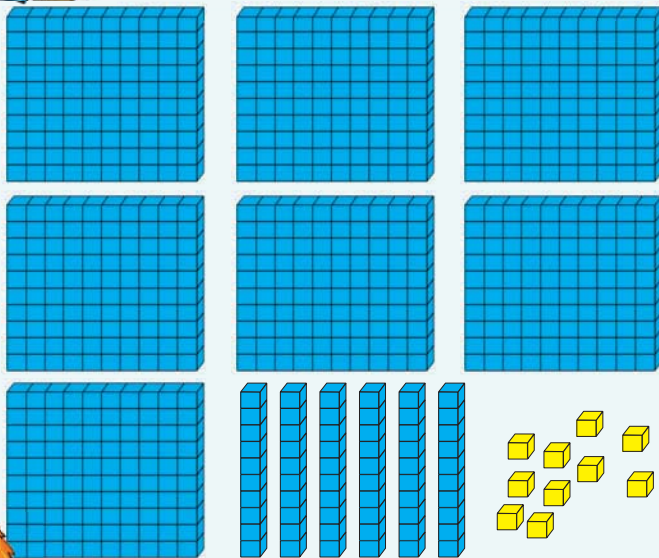
751; _____; _____; _____; _____; _____; _____; _____; _____; _____; 773

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

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



Uthola amabhuloki amangaki uma uwabala?



Uwabale kanjani amabhuloki?



Qedela umugqa wezinombolo.

750			753				757		759	
							789	786	788	
					753	756	759			



Qedela ithebula.

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:



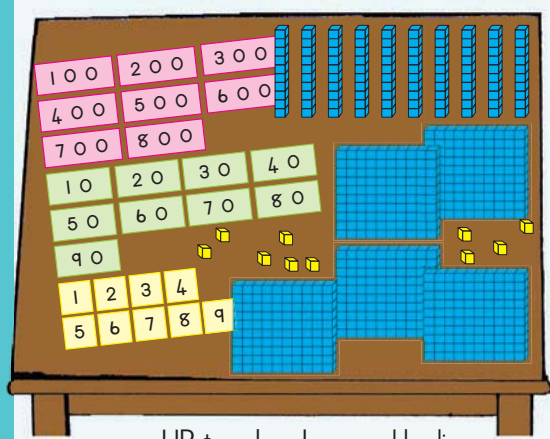
11 12 13 14 15 16 17 18 19 20



qq



Izinombolo 700 kuya ema-800



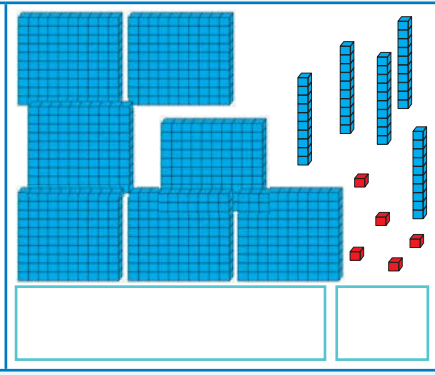
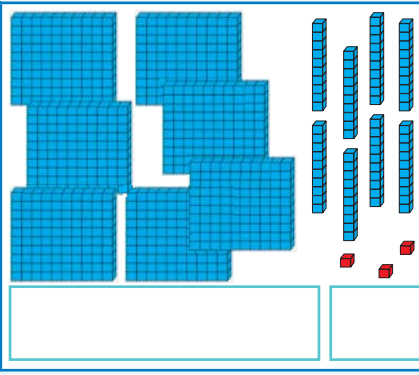
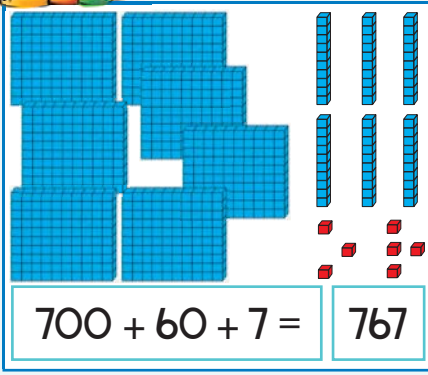
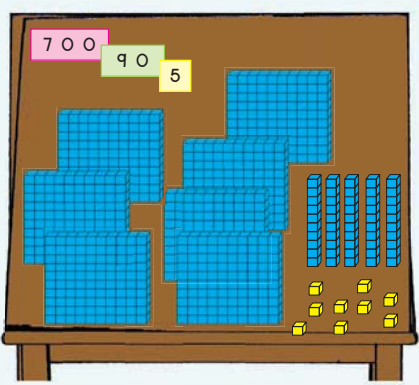
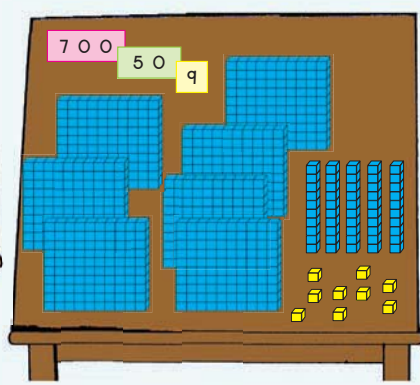
UPeter ubevele enamakhadi
anezinombolo zalezi zindawo
ezilandelayo kanye namabhuloki
amashumi.



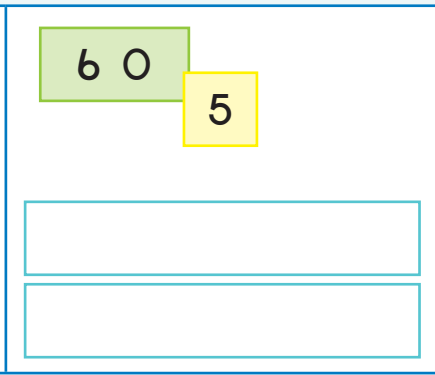
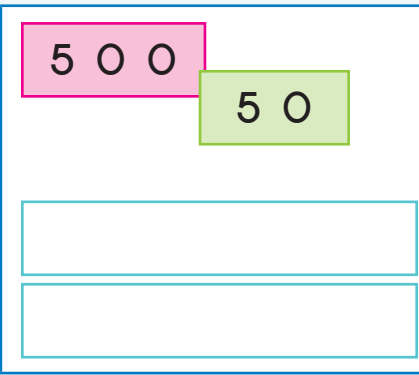
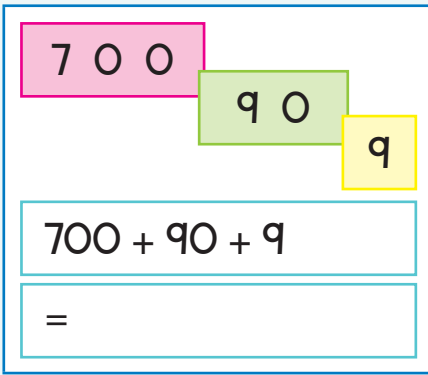
Bhala umusho wezinombolo kanye nempendulo.

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

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



Bhala umusho wezinombolo kanye nempendulo.





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. Akha inombolo ngayinye ngamakhadi.

b. Bhala izinombolo ngokwezindawo zazo ngayinye. Enza lokhu-ke manje: Hlahlela inombolo yakho.

790	
689	
699	
755	
690	

Isibonelo: 799

7 0 0

9 0

9

7 9 9

799

$700 + 90 + 9$



Bhala izinombolo ngamagama azo.

668	
757	
799	
742	
691	

Teacher:

Sign:

Date:



11

12

13

14

15

16

17

18

19

20



Izinombolo 800 kuya ema-900



Qala ngokubala bese ubhala.

a. Sebenzisa ishadi elilandelayo ukuze likusize ukubala kusula ku 800 kuya ku 900.

Phimisela inion bolo uma unbalance.

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 ka-2.

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

e. Bhala zonke izinombolo ngamaphethini ka-2 usukele ema-807 – 829.

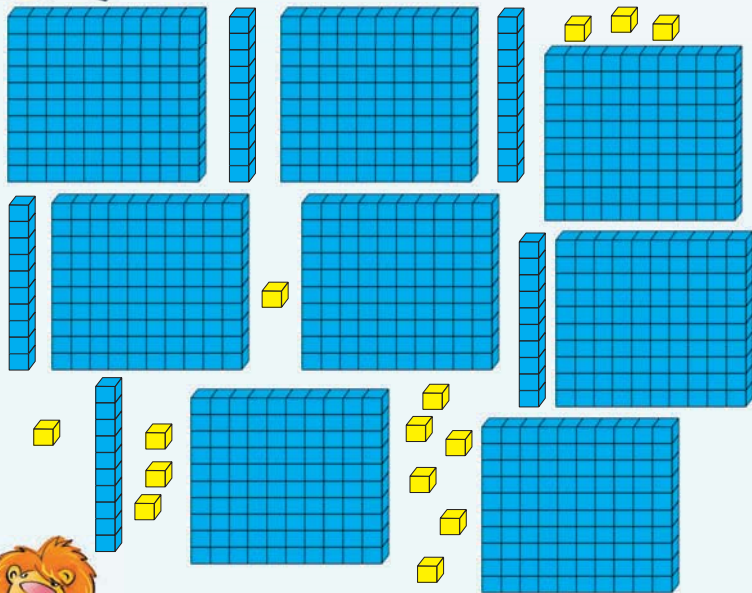
807; _____; _____; _____; _____; _____; _____; _____; _____; _____; 829

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

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



Uthola amabhuloki amangaki uma uwabala?



Uwabale kanjani amabhuloki?



Qedela umugqa wezinombolo.

830			833				837	838		
							876	881	886	
					843	846	849			



Qedela ithebula.

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		



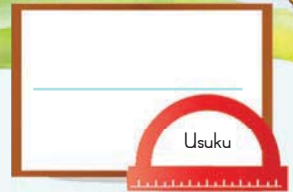
Bhala lokhu okulandelayo ngamagama.

845

Teacher:

Sign:

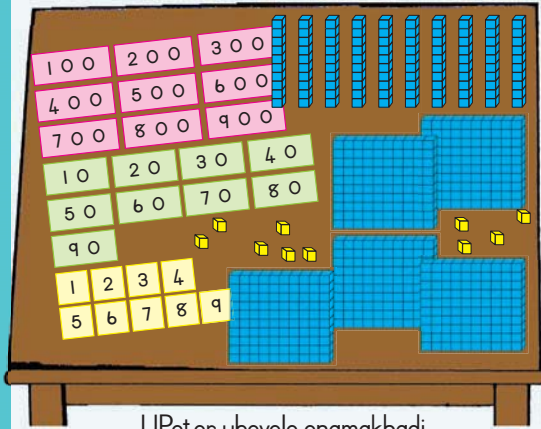
Date:



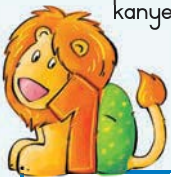
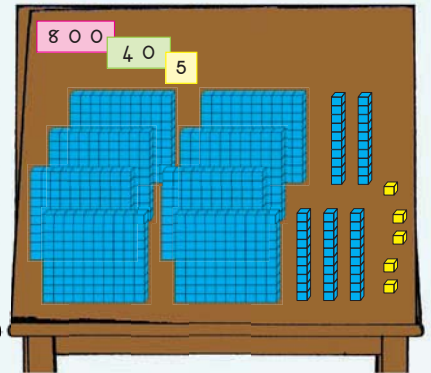
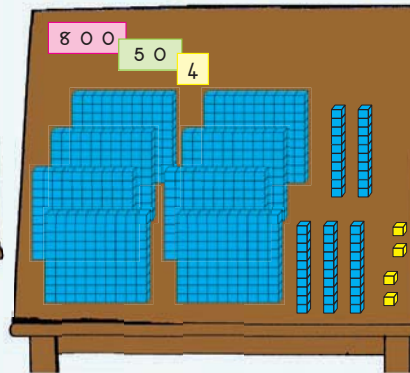
Izinombolo 800 kuya ema-900

Uthisha ucele uPeter ukuthi
akhombise ngamabhuloki
namakhadi inani lika-854..

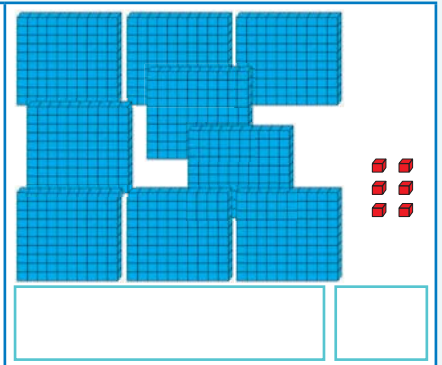
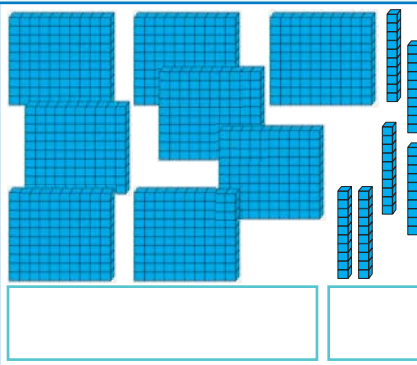
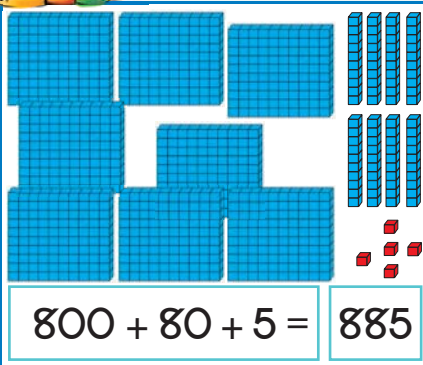
Okukhonjiswe wuBen yilokhu.
Kungabe yini angayenzanga
kahle?



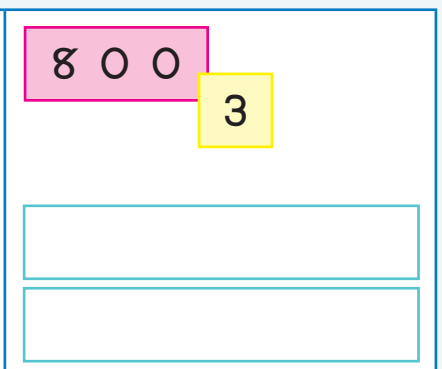
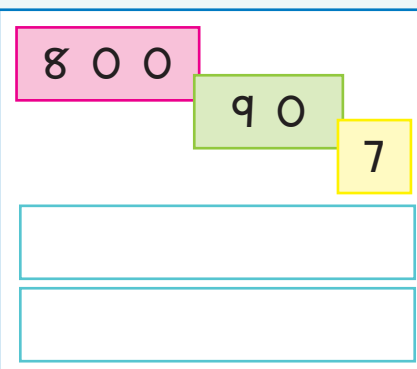
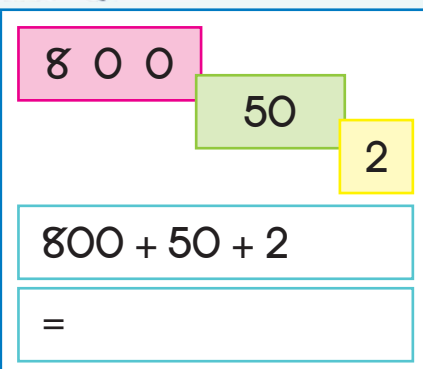
UPeter ubevele enamakhadi
anezinombolo ngokwezindawo
kanye namabhuloki amashumi.



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 ngokwendawo yayo. Enza lokhu-ke manje: Hlahlela inombolo yakho.

890	
889	
802	
855	
840	

Isibonelo: 876

8 0 0

7 0

6

8 7 6

876

$800 + 70 + 6$



Bhala izinombolo ngamagama azo.

889	
825	
803	
830	
899	

Teacher:

Sign:

Date:



11

12

13

14

15

16

17

18

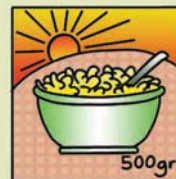
19

20



Ukukala isisindo sezinto

Buka izithombe ezilandelayo bese uphendula imibuzo.



- Kungabe i-1 kg yensipho yokuwasha isinda ngaphansi noma ngaphezulu kwe-2 kg yensipho yokuwasha? _____
- Yini elula kakhulu: kungabe yi-500 g yokusanzlamvu okudliwa ekuseni noma ngu-200 g wamabhiskidi? _____
- Yini esinda kakhulu: kungabe yi-100 g kakhilimu wesikhumba kumbe yi-1 kg yephakethe lesitambu? _____



Kungabe sisinda kangakanani uma sikalwa sisonke ndawonye?

Isisindo sami singu-25 kg, umngane wami ungu-29 kg kanti umfowethu ungu-45 kg.

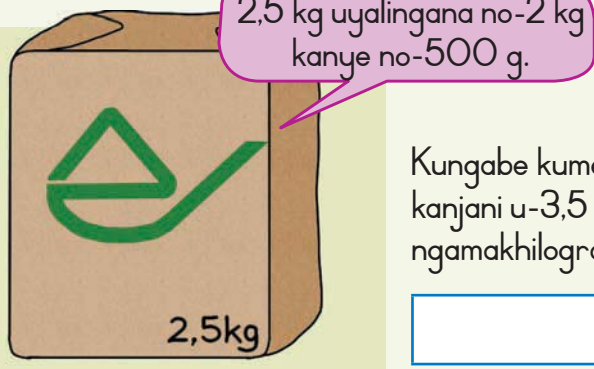
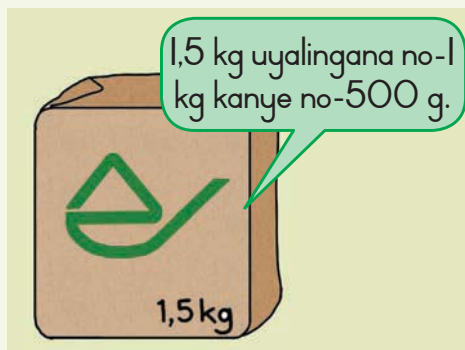


Le mikhiqizo isinda kangakanani uma ibekwe ndawonye?

Umkhiqizo wokuqala unesisindo sika-1 kg 500 g, owesibili ungu-3 kg 500 g owokugcina ungu-2 kg 500 g.



Buka lezi zithombe bese uphendula imibuzo.



Kungabe kumele ngimbhale kanjani u-3,5 kg ngamakhilogramu namagramu?



Qedela ithebula.

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

Object	Estimation	Measurement	Difference between estimation and measurement



Zisinda kangakanani uma zihlanganisiwe?

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



Teacher:

Sign: _____

Date: _____





Masiphinde sikale futhi

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

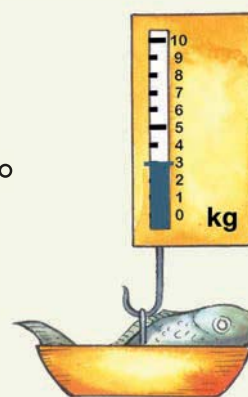
Isisindo sisho ukukala ukuthi amandla omhlaba ayidonsa kanjani leyo nto eyibuyisela emhlabeni. Uma sithatha into siyisa enyangeni iba nesisindo esifanayo kodwa isikali siyithola ilula ngenxa yobulula bamandla enyanga uma eqhathaniswa nawomhlaba.

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

Izikali ezahlukenene

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

Ilitha lamanzi linesisindo sekhilogramu eli-1.

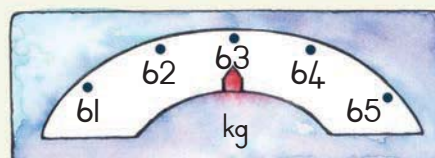


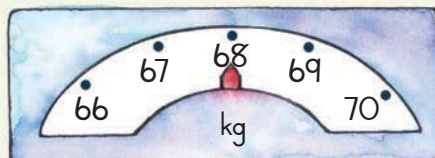
Le nhlanzi inesisindo samakhilogramu ama-3.

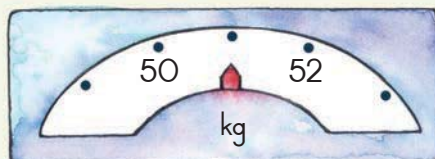


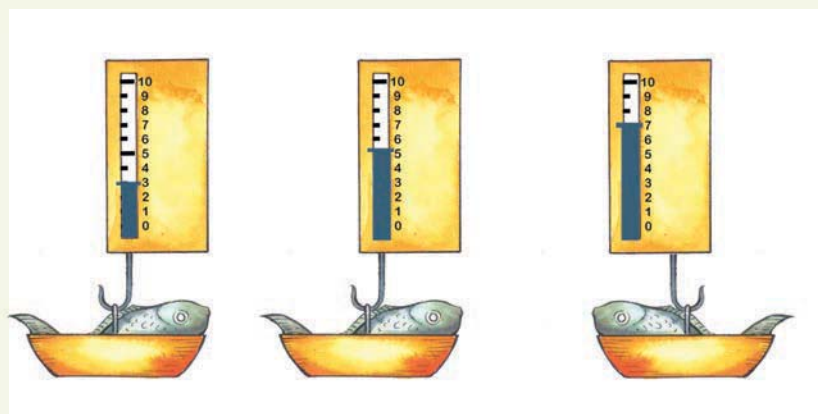
Thola isisindo sazo

Bhala isisindo ngamakhilogramu njengoba sivezwe esikalini ngasinye.







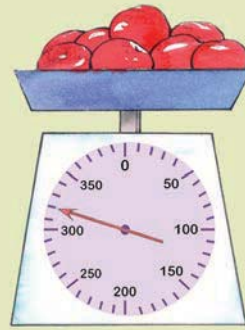




Sisebenzisa amagramu ukukala isisindo sezinto ezincane nezilula kanye nokukala amaqhezu ekhilogramu.

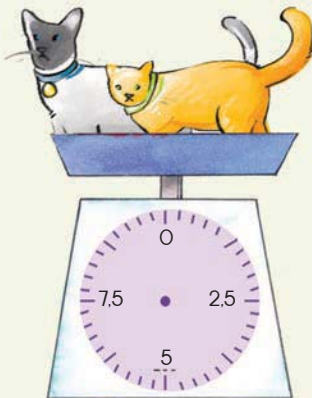
$$1\,000\text{ g} = 1\text{ kg}$$

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

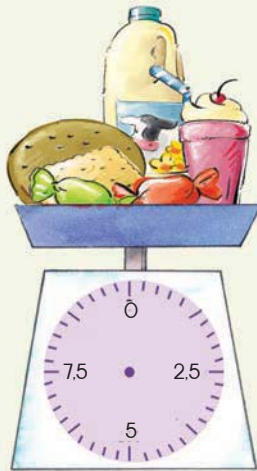


Zikala isisindo esingakanani?

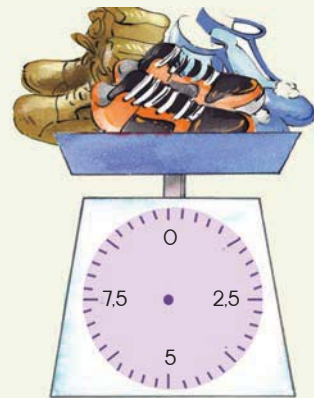
Dweba lapho uluthi lwesikalu kumele luye khona ngasikhathi sinye.



7 kg



4 kg



6 kg



Akha ikhilogramu

Hlanganisa wenze 1 kg (1 000 g).

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



Teacher: _____
Sign: _____
Date: _____



11 12 13 14 15 16 17 18 19 20



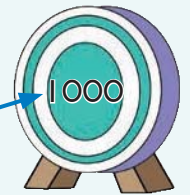
Izinombolo 900 kuya e-1 000



Qala ngokubala bese ubhala.

a. Sebenzisa ishadi elilandelayo ukuze likusize ukubala kusula ku 900 kuya ku 1000.

Phimisela inion bolo uma unbalance.



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 lika-2.

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

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

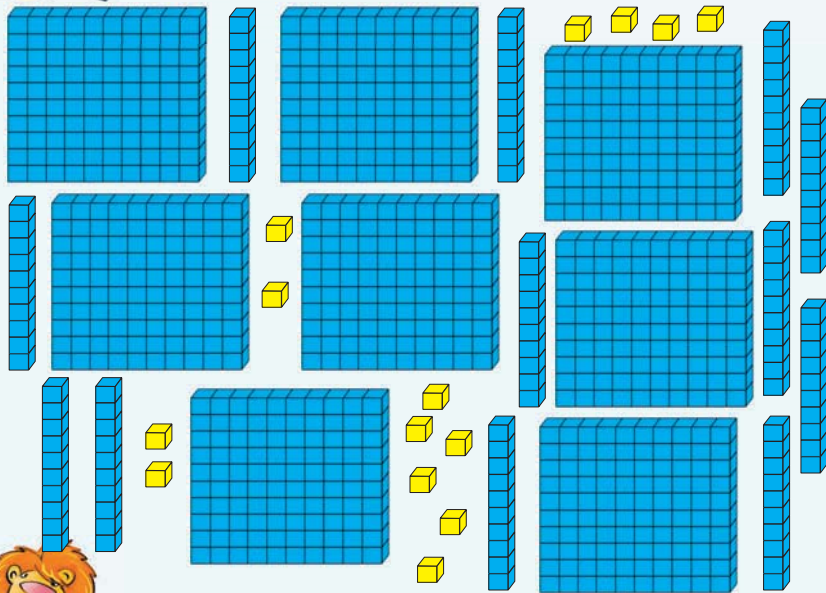
945; _____; _____; _____; _____; _____; _____; _____; _____; _____; 967

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

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



Uthola amabhuloki amangaki uma uwabala?



Uwabale kanjani amabhuloki?



Qedela umugqa wezinombolo.

950			953				957	958		
							956	961	966	
					903	906	909			



Qedela ithebula.

Bhala usuke kokuncane
kunakho konke uye
kokukhulu kunakho konke.

Bhala usuke kokukhulu
kunakho konke uye
kokuncane kunakho konke.

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



Bhala lokhu okulandelayo ngamagama.

695

Teacher:

Sign:

Date:

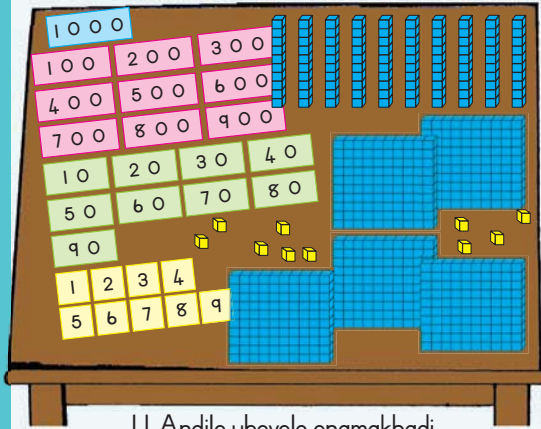




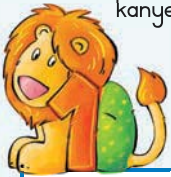
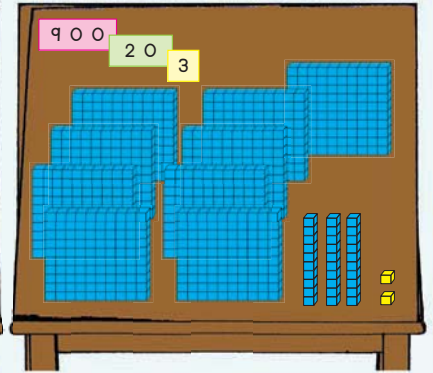
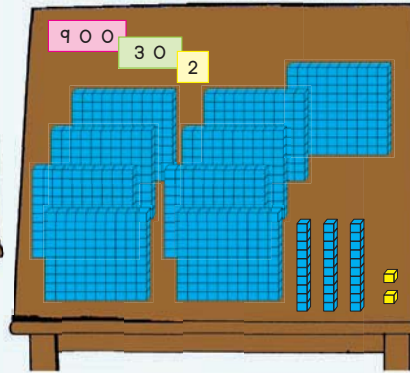
Izinombolo 900 kuya e-1 000

Uthisha ucele u-Andile ukuthi akhombise ngamabhuloki namakhadi inani lika-932.

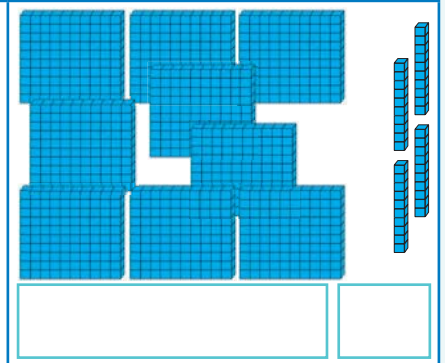
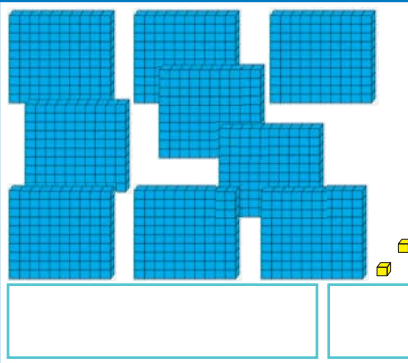
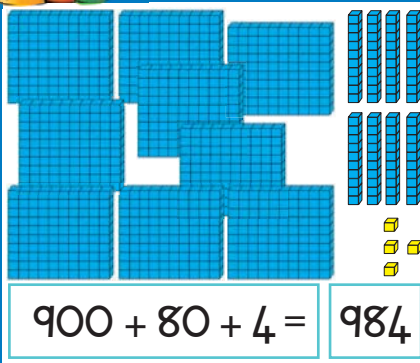
Okukhonjiswe wuGugu yilokhu. Kungabe yini angayenzanga kahle?



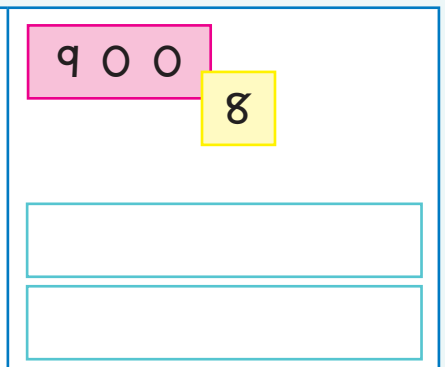
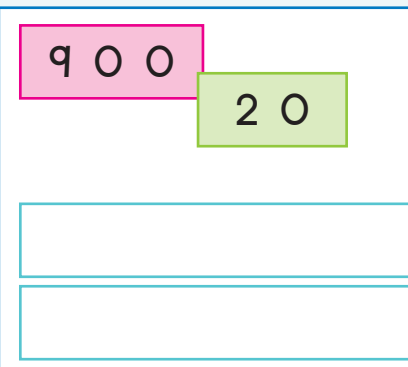
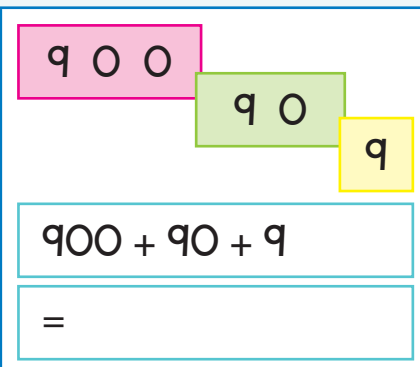
U-Andile ubevele enamakhadi anezinombolo ngokwezindawo kanye namabhuloki amashumi.



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 _____ 7998

b. 957 _____ 975

c. $900 + 60 + 1$ _____ 961



Hlahlela inombolo yakho.

a. Akha inombolo ngayinye ngamakhadi.

b. Bhala ubungako benombolo ngokwendawo yayo. Enza lokhu-ke manje: Hlahlela inombolo yakho.

922	
959	
980	
907	
931	

Isibonelo: 984

9 0 0

8 0

4

9 8 4

984 800 + 80 + 4



Bhala izinombolo ngamagama azo.

976	
905	
950	
821	
909	

Teacher:

Sign:

Date:

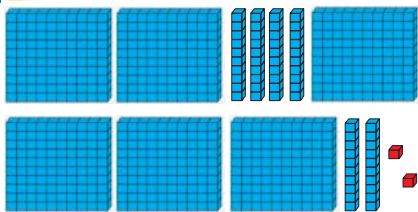


11 12 13 14 15 16 17 18 19 20

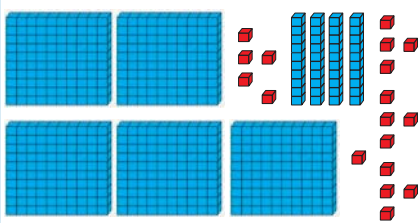


Ukuhlangerisa/ukwengeza nokususa okufinyelela ema-999

Bhala umusho wezinombolo ngalokhu ngakunye.



Chaza ukuthi uwabale kanjani amabhuloki?



Chaza ukuthi uwabale kanjani amabhuloki?



Landela isibonelo.

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



Sebenzisa okuthi akuphindeke kabili ukuxazulula lokhu okulandelayo: Landela isibonelo.

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



Sebenzisa okuphindeke kabili kumbe 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: _____



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Mayelana nendlu



Usuku lokubhaka.

UMamncane uPhindi ubhaka isinkwa kuhhavini wakhe.

Khombisa isikhathi kulawa mawashi.



Ufaka isinkwa imizuzu iyishumi nanhlanu emva kwelesine..

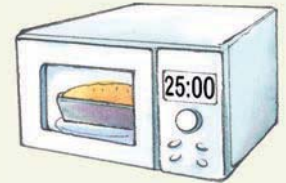
Ukhipha ikhekhe iyishumi nanhlanu emva kwelesihlanu.



Sithatha isikhathi esingakanani isinkwa uma sibhakwa? _____

Umama kaMimi usebenzisa imayikhroweyivu. Uthi iyashesha.

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



Sizobe silungile nini isinkwa? _____

Ishesha kangakanani imayikhroweyivu kunomunye uhavini? Imizuzu e _____ ..



Imisebenzi yasekuseni



NgoMgqibelo ekuseni uMusa noPalesa basiza umama endlini.

Uthatha isikhathi esingakanani umsebenzi ngamunye?

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





Nisela esivandeni.

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

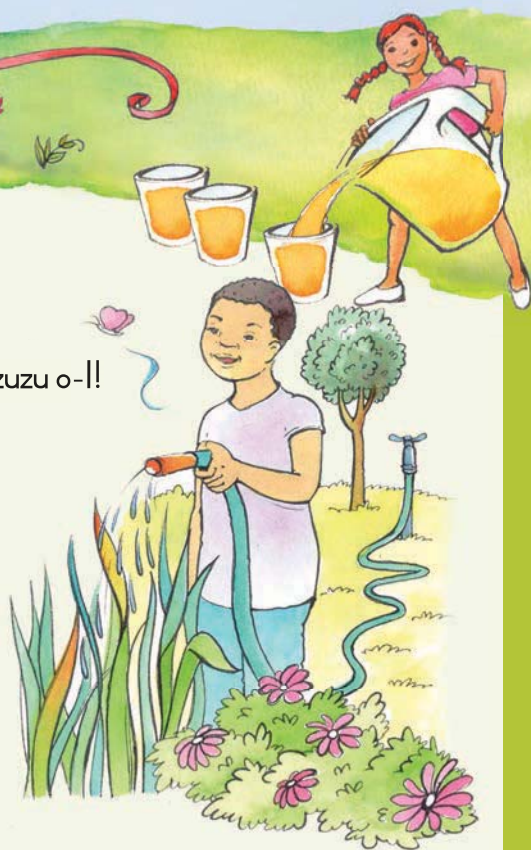
Mangaki amalitha amanzi elikwazi ukuwasebenzisa ipayipi?

2 wemizuzu _____ amalitha.

$2\frac{1}{2}$ wemizuzu _____ amalitha

5 wemizuzu _____ amalitha

10 wemizuzu _____ amalitha.



Ukupheka ukhari.

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

Ubhala phansi ukuthi usebenzise amafutha angakanani usuku nosuku.

uMsomb	uLwesib	uLwesith	uLwesin	uLwesihl	uMgq	ISon
98 ml	122 ml	108 ml	117 ml	109 ml	135 ml	?

a. Ngamamilita amangaki amafutha awasebenzisa ngoMsombuluko kuze kubewuMgqibelo?
_____ ml

b. Mangaki ama-ml amafutha awasebenzisa kusukela ngoMsombuluko kuya eMgqibeleni? _____ ml

c. I ibhodlela eliwu-750 lamafutha libiza ama-R18.50.

4 wamabhodlela abiza? _____.



Hlola!
Qhathanisa!
Lungisa!

Teacher:
Sign: _____
Date: _____





Ukusebenza ngemali



Isiphaza sikaSandile.

USandile wakhe ithebula lemali engenayo

Okokuqala uyahlawumbisela, bese ebalala imali engena nsuku zonke. Imali engenayo yimali esiyitholayo kumbe eza ngoba siyisebenzele.

Siza uSandile aqedele ukubala akwenzayo.

Bhala izimpendulo zakho ethebuleni.



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

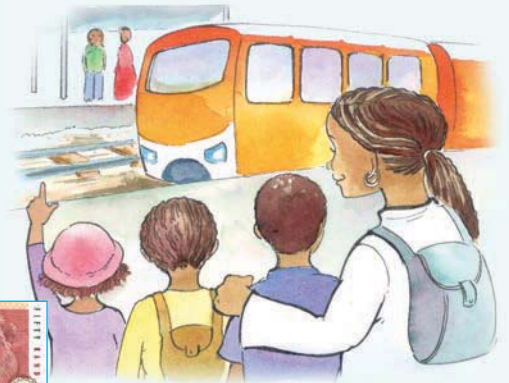


Uhambo ngesitimela.

UKgethi nabantwana bakhe aba-3 bahamba ngesitimela.

Abadala nabantwana bakhokha imali efanayo.

UKgethi ukhokha ngemali yamaphepha



Uthola ama-R30 ushintshi.

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

a. R90 _____ b. R32 _____ c. R80 _____ d. R4,50 _____

Hlola!
Qhathanisa!
Lungisa!



Ukubala uhlweza nemali engamaphepha.

$10 \times \text{R}10 = \text{R}100$	$20 \times \text{R}10 = \text{R}200$	$50 \times \text{R}10 = \text{R}500$	$100 \times \text{R}10 = \text{R}1000$
$10 \times \text{R}20 = \text{R}200$	$20 \times \text{R}20 = \text{R}400$	$50 \times \text{R}20 = \text{R}1000$	$100 \times \text{R}20 = \text{R}2000$
$10 \times \text{R}50 = \text{R}500$	$20 \times \text{R}50 = \text{R}1000$	$50 \times \text{R}50 = \text{R}2500$	$100 \times \text{R}50 = \text{R}5000$
$10 \times \text{R}100 = \text{R}1000$	$20 \times \text{R}100 = \text{R}2000$	$50 \times \text{R}100 = \text{R}5000$	$100 \times \text{R}100 = \text{R}10000$
$10 \times \text{R}1000 = \text{R}10000$	$20 \times \text{R}1000 = \text{R}20000$	$50 \times \text{R}1000 = \text{R}50000$	$100 \times \text{R}1000 = \text{R}100000$



Thola ukuthi ushintshi ungakanani.

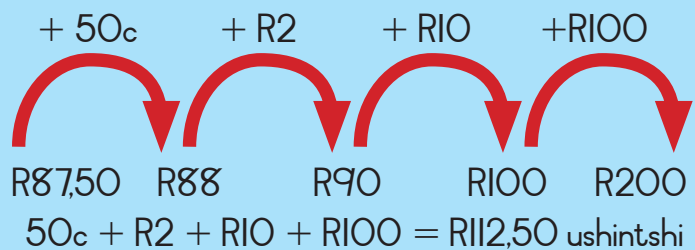
Ukuthola ushintshi kumele uhlanganise inani lezinto nemali oyikhiphile.

Isibonelo:

UPalesa uthenga ukudla ngama- R87,50

Ukhokha ngama-R200 ayiphepha.

Ungakanani ushintshi wakhe?



Sebenzisa umusho wezinombolo ukukusiza uthole ushintshi.

Inani: R229,40

Kukhokhwa nge:



Inani: R305,60

Kukhokhwa nge:



Teacher: _____

Sign: _____

Date: _____

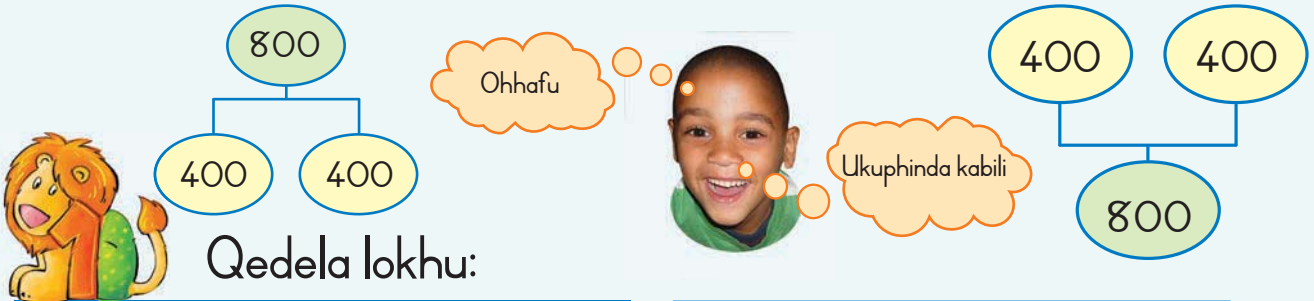


11 12 13 14 15 16 17 18 19 20



Okunye ukuhlenganisa nokususa kuya ema-999

Buka lo mdwebho bese uwuchaza.



a. $223 + 223 =$ _____.

b. $160 + 160 =$ _____.

c. $115 + 115 =$ _____.

d. $315 + 315 =$ _____.

e. $117 + 117 =$ _____.

f. $450 + 450 =$ _____.

g. $112 +$ _____ $= 224$

h. $116 +$ _____ $= 232$

Bhala lezi zinombolo

a. U-523 owande ngokuyi-12 ngu
_____.

b. U-540 oncishiswe ngoku-15 ngu
_____.

c. U-576 owande ngoku-20 ngu
_____.

d. U-590 oncishiswe ngoku-60 ngu
_____.

e. 537 susa 29 kusala _____.

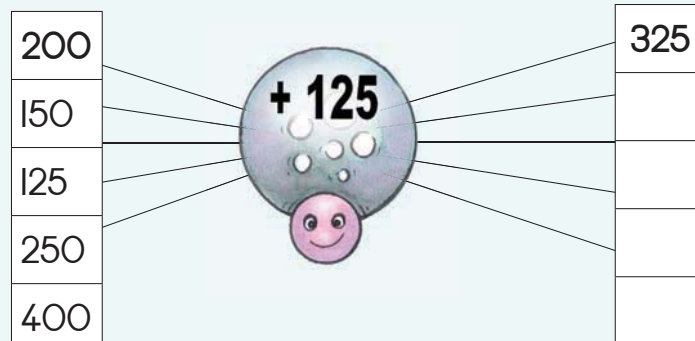
f. Uhhafu wama-300 ngu _____.

g. Ukuphinda kabili ama-420 kuba
_____.

h. Uhhafu wama-600 ngu _____.



Engeza 125





Yini engenza 1 000?

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

Thola iminden i yezinombolo ezine + kanye ne -

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



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

Hlola!
Qhathanisa!
Lungisa!

Engeza uphinde ususe amashumi namakhulu

a. Amashumi namakhulu

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

b. Amashumi aphelele (Okuhlukaniseka nge-10)

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

Xazulula lesi sibalo:

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

Teacher: _____
Sign: _____
Date: _____



11 12 13 14 15 16 17 18 19 20

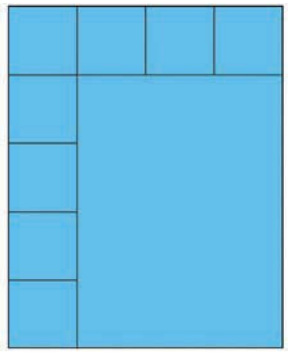
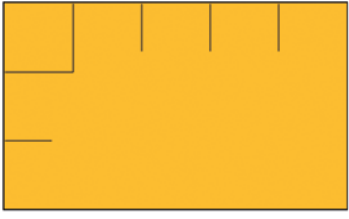
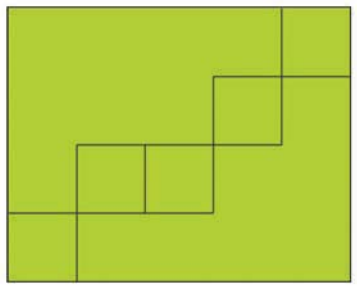
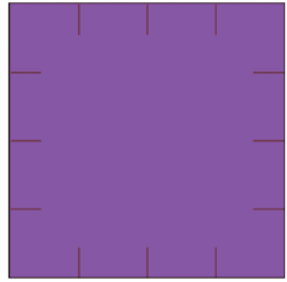


Amaphazili okukala



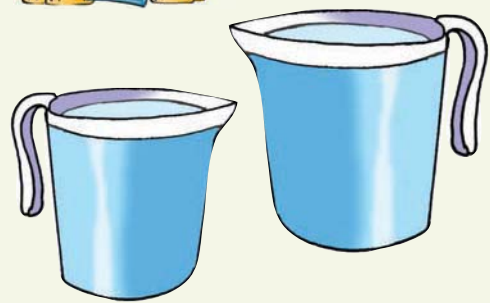
Thola ububanzi bendawo

Zingaki izikwele ozidinga  ukuqedela isembozo ngasinye? Sebenzisa indlela yakho yokubala.
Khombisangomdwebo ukuthi ukwenze kanjani lokhu ezithombeni.

a.  _____	b.  _____
c.  _____	d.  _____



Xazulula isiphicaphicwano



Ufuna uukkala amalitha ama-4 amanzi. Uneziqukathi ezimbili: enye iphethe amalitha ama-3 enye ema-5. Uzokwenza kanjani lokhu?

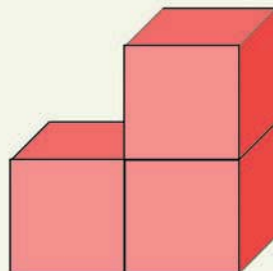
Siyakucebisa: kunezindlela ezimbili okungenani.



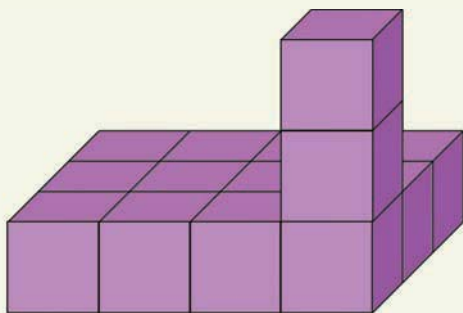
Ubonani?

Amabhokisi amathathu ananyathiselwe ngeglo kulesi sithombe.

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



Bala amakhiyubhu



Mangaki amakhiyubhu akha lo mumo? _____



Inselelo: isiphicaphicwano sesikhathi

Unezinto ezimbili zokukala isikhathi.

Okukodwa kuthola 7 wemizuzu bese kuthi okunye kuthola 11 wemizuzu.

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

Hlola!
Qhathanisa!
Lungisa!

Teacher:

Sign:

Date:



11 12 13 14 15 16 17 18 19 20



Amaphethini ezinombolo: amashumi kuya e-900

Masibale ngamashumi ukusuka ema-810 kuya ema-900.

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



Zenza phethini lini izinombolo ezizungelezwe?

Okuzungelezwe ngombala **obomvu**: Ukubala nga _____. Bhala iphethini lalokho: _____

Okuzungelezwe ngombala **osatshani**: Ukubala nga _____. Bhala iphethini lalokho: _____



Bala.

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

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

c. $845 + 10 + 10 =$ _____

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

e. $836 + 10 =$ _____

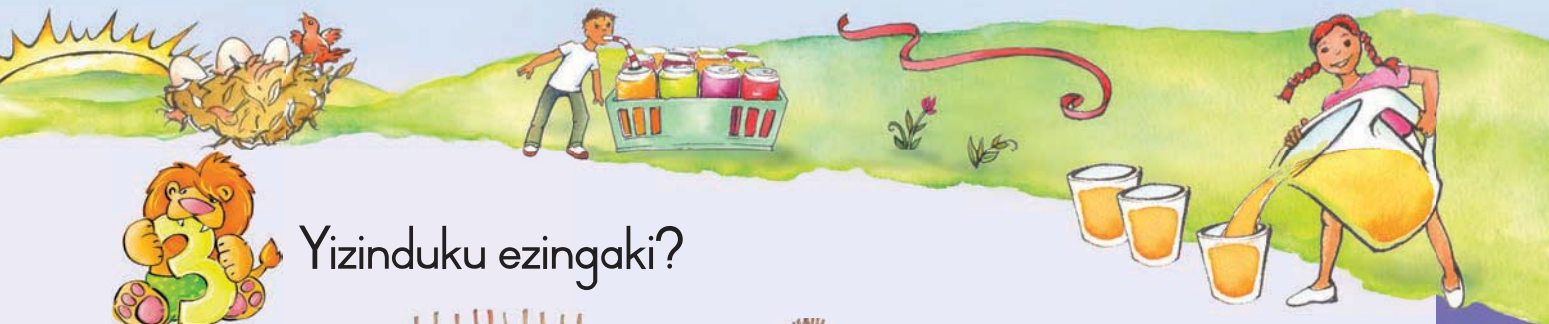
f. $866 - 10 - 10 =$ _____

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

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

i. $880 + 10 + 10 =$ _____

j. $855 - 10 =$ _____



Yizinduku ezingaki?

Kunezinduku eziyi-10



enyandeni



1 = _____ izinduku

2 = _____ izinduku

3 = _____ izinduku

4 = _____ izinduku

5 = _____ izinduku

6 = _____ izinduku

7 = _____ izinduku

8 = _____ izinduku

9 = _____ izinduku

10 = _____ izinduku

10 = _____ izinduku

20 = _____ izinduku

30 = _____ izinduku

40 = _____ izinduku

50 = _____ izinduku

60 = _____ izinduku

70 = _____ izinduku

80 = _____ izinduku

90 = _____ izinduku

100 = _____ izinduku



Imigqa yezinduku.

Kunezinyanda eziyi-10 zezinduku emgqeni = 100 wezinduku

1 umigqa we-10 lezinyanda = 100 wezinduku

2 imigqa ye-10 lezinyanda = _____ wezinduku

4 imigqa ye-10 lezinyanda = _____ wezinduku

10 imigqa ye-10 lezinyanda = _____ wezinduku



$$10 \times 10 = 100$$

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

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

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



Zingaki izinyanda?

700 wezinduku wakha _____ wezinyanda

900 wezinduku wakha _____ wezinyanda.

1 000 wezinduku wakha _____ wezinyanda.



Teacher:

Sign:

Date:



11

12

13

14

15

16

17

18

19

20



Ukusondezela eshumini

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



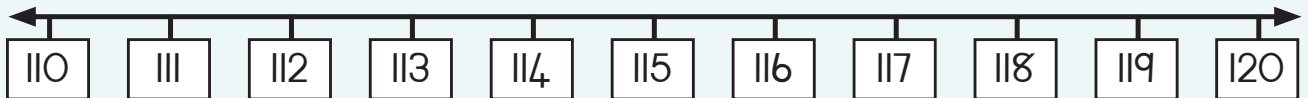
Khumbula ukubuka imiv uma usondezela eshumini eliseduze.



Sondeza lokhu e-10.

114 esondeziwe yakha? _____

117 esondeziwe yakha? _____



159 esondeziwe yakha? _____

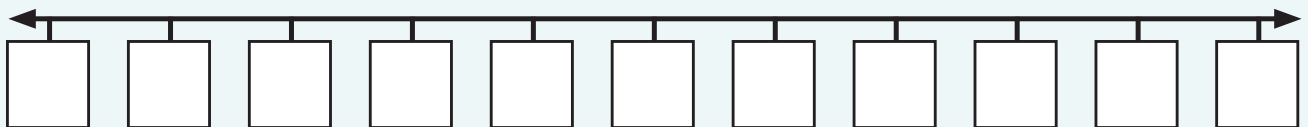
151 esondeziwe yakha? _____



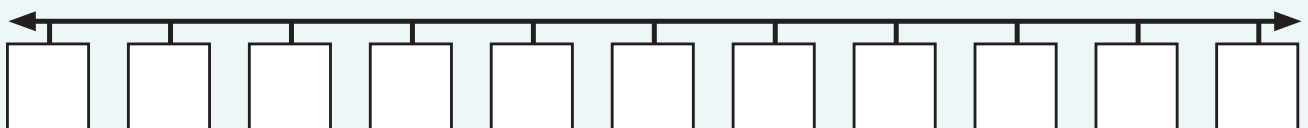
Sondezela eshumni eliseduze.

Dweba owakho umugqa wezinombolo.

195



945





Sondeza lokhu e-10.

125	163	877	901	566	999
-----	-----	-----	-----	-----	-----



uMandla una-R38,00. Iphakethe lamakhadi alitholile libiza R5,00.

uzothenga amakhadi amangaki? Singasondezela u-R38 eshumini eliseduze bese kuba ngu-R40,00.

Lokhu kusho ukuthi uMandla unemali esondele ekuthini angathenga amaphakethe ayisi-8.

Kuzodingeka ubale ukuthi lapha ngezansi imali abanayo ingasondezwa kanjani eshumini eliseduze.



Mangaki amaphakethe amaswidi abangahle bawathenge abantwana?



UMbali una-R49.
Iphakethe lamaswidi libiza R10. Mangaki amaphakethe amaswidi angahle awathenge?

UZandi una-R21. Iphakethe lamaswidi libiza R5. Mangaki amaphakethe amaswidi angahle awathenge?



UDumi una-R36.
Iphakethe lamaswidi libiza R5. Mangaki amaphakethe amaswidi angahle awathenge?

USipho una-R92.
Iphakethe lamaswidi libiza R10. Mangaki amaphakethe amaswidi angahle awathenge?



Zama ukuthola izinto esiyaye sizisondezele empilweni nje.

Nikeza izibonelo ezinhlanu:

Teacher:
Sign:
Date:



11 12 13 14 15 16 17 18 19 20



Ukuphindaphinda kanye nokuhlukanisa:

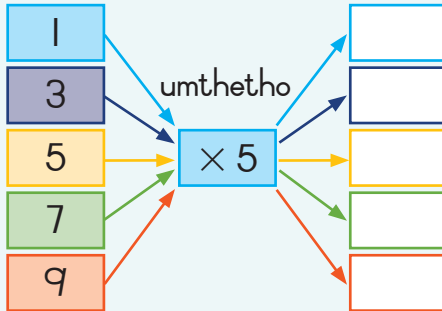
Okuhlanu kuya ema-100



Qedela umdwebo osabulwembu.

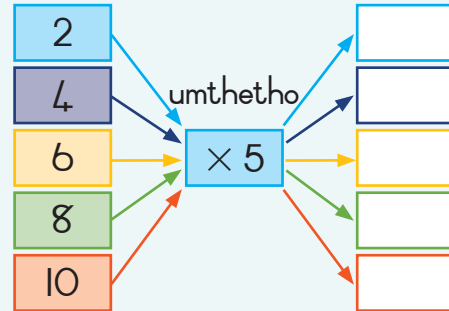
okungenisiwe

okukhiqiziwe



okungenisiwe

okukhiqiziwe



Qedela la mathebula angezansi:

×	1	2	3	4	5	6	7	8	9	10
5										



Bala:

$$12 \times 5$$

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

$$= 50 + 10$$

$$= 60$$

$$11 \times 5$$

$$13 \times 5$$

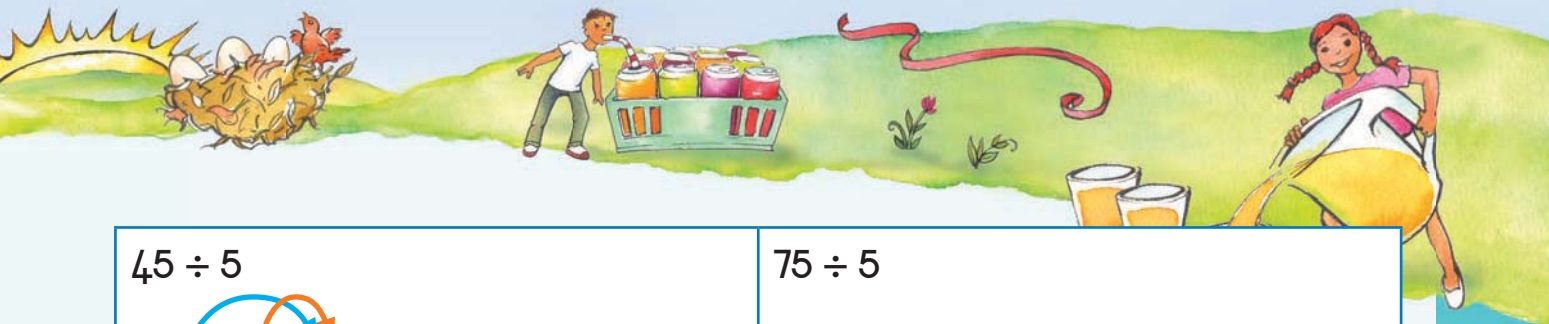
$$= (10 + 3) \times 5$$

$$= 50 + 15$$

$$= 50 + 10 + 5$$

$$= 65$$

$$13 \times 5$$



$$45 \div 5$$

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

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

$$= 8 + 1$$

$$= 9$$

$$75 \div 5$$

$$48 \div 5$$

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

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

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

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

$$13 \div 5$$



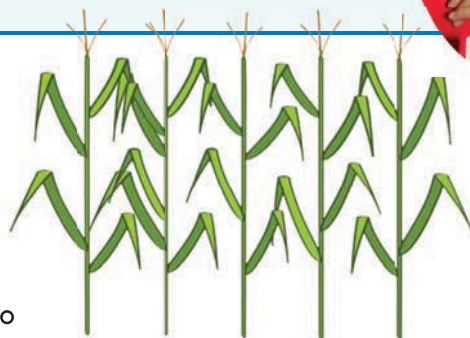
Xazulula lesi sibalo:



Ingadi yemifino inemigqa eyi-14 yezitshalo.

Umugqa ngamunye unezitshalo ezilinganayo ngobuningi.

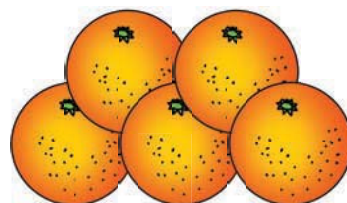
Uma kunesamba sama-70 ezitshalo, zingaki izitshalo ezisemgqeni ngamunye?



UDavide uthengisa amawolintshi amahlanu.

Umama wolintshi angama-85.

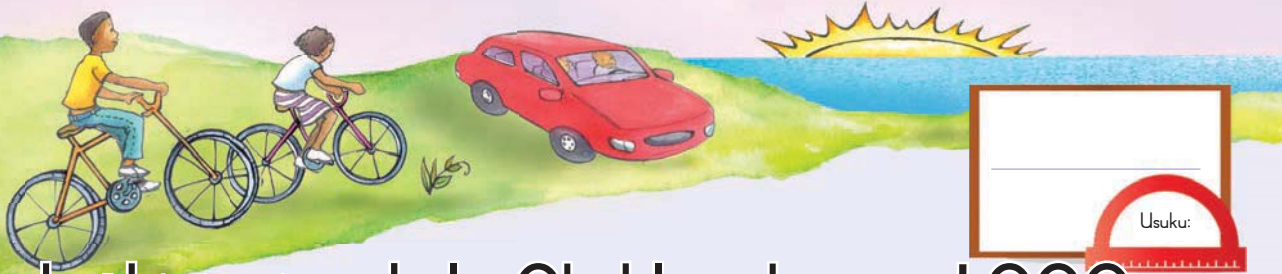
Uzogwalisa amasaka amangaki?



Teacher: _____

Sign: _____

Date: _____



Amaphethini ezinombolo: Okuhlanu kuya e-1 000

Masibale ngakuhlanu kuukela 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 yini evezwa yizinombolo ezizungelezelwe?

Okuzungelezelwe ngombala osasibhakabhaka :	Ukubala nga _____.
Bhala iphethini lalokho:	
Okuzungelezelwe ngombala ophephuli :	Ukubala nga _____.
Bhala iphethini lalokho:	



Bala.

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





Ibhodi lezinombolo 901 kuya e-1 000

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



Gcwalisa izinombolo ezidingekayo.

Mahluko muni okhona phakathi kwezinombolo ezisatshani kanye neziphephuli ezisemqgeni owodwa?



Qedela lawa maphethini.

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

Teacher: _____

Sign: _____

Date: _____

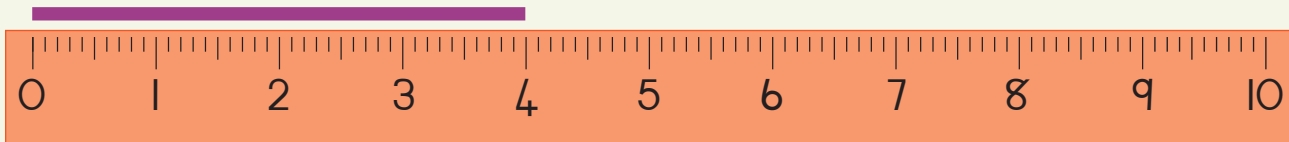


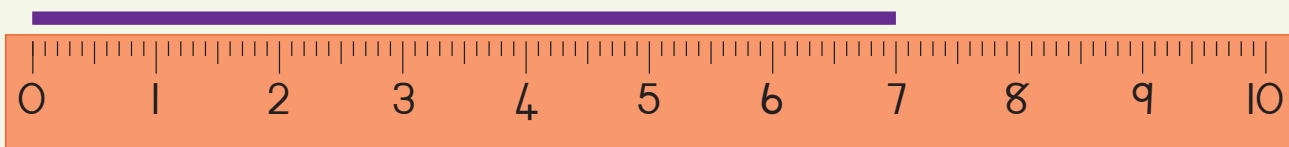


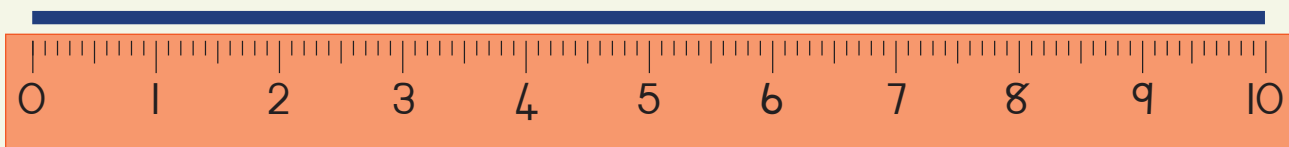
Ukusebenza ngamasentimitha



Mude kangakanani umugqa ofakwe umbala?









Qala ngokuhlawumbisela bese ukala imigqa. Qedela ithebula.

Umugqa	Ukuhlawumbisela	Ukukala	Uahluko phakathi kokuhlawumbisela nokukala



Ukusebenza ngamakhilomitha

Ibanga elide ngebhayisikili

UMusa ugibele wahamba 328 km.

UKate ugibele wahamba 162 km.

UBen ugibele wahamba 98 km.



Mangaki ama-km abawahambile esehlanganisiwe abo bonke? _____

- a. Funda uthole ukuthi abafundi aba-4 basithole kanjani isamba sebanga elihanjwe wuMusa ekugibeleni kwakhe ibhayisikili.

Umfundi woku-1	Umfundi wesi-2
$328 + 162 + 98$ $= 300 + 100 + 28 + 62 + 98$ $= 400 + 20 + 60 + 90 + 8 + 2 + 8$ $= 480 + 90 + 18$ $= 480 + 90 + 10 + 8$ $= 480 + 100 + 8$ $= 580 + 8 = 588 \text{ km}$	$328 + 162 + 98$ $= 300 + 100 + 98 + 28 + 62$ $= 498 + 28 + 62$ $= 500 + 28 + 62 - 2$ $= 528 + 60$ $= 588 \text{ km}$
Umfundi wesi-3	Umfundi wesi-4
$328 + 162 + 98$ $= 330 - 2 + 160 + 2 + 100 - 2$ $= 330 + 160 + 100 - 2$ $= 590 - 2$ $= 588$	$\begin{array}{r} 328 \\ 162 \\ + 98 \\ \hline 18 \\ 170 \\ 400 \\ \hline 588 \end{array}$ engeza imivo ngamunye engeza amashumi. 10s engeza amakhulu 100s

- b. Khetha indlela oyithandayo wengeze ama- $328 + 162 + 98$. _____



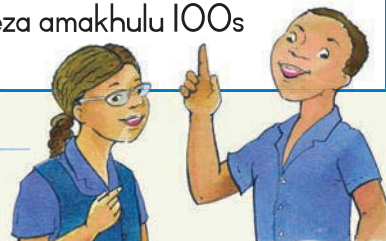
Hlanganisa.

Sebenzisa noma iyiphi indlela oyithandayo ukuhlanganisa lokhu.

a. $567 \text{ km} + 83 \text{ km} + 30 \text{ km}$

b. $492 \text{ m} + 117 \text{ m} + 86 \text{ m}$

c. $606 \text{ km} + 123 \text{ km} + 85 \text{ km} + 103 \text{ km} + 52 \text{ km}$



Teacher: _____
Sign: _____
Date: _____





Amaphethini ezinombolo: Okungakubili kuze kufinyelele ku-900

Masibale ngakuhlano kusukela ema-802 kuya ema-900.

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



Phethini yini evezwa yizinombolo ezizungelezwe?

Okuzungelezwe ngombala osasibhakabhaka :	Ukubala nga _____
Bhala iphethini lalokho:	
Okunombala osatshani :	Ukubala nga _____
Bhala iphethini lalokho:	



Bala.

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



Ugweje nokuphelele.

a. Dweba $\times$ eduze kwezinombolo ezilugweje $\checkmark$ eduze kwezinombolo eziphelele.

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

b. Phendula uthi ugweje noma okuphelele.

Engeza izinombolo ezimbili ezilugweje. Uthola inombolo _____.

Engeza izinombolo ezimbili eziphelele. Uthola inombolo _____.

Engeza izinombolo ezintathu ezilugweje. Uthola inombolo _____.



Ukutshala izihlahla.

Lena yindlela eqondile yokutshala izihlahla ezingama-48 emigqeni elinganayo.



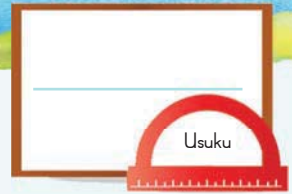
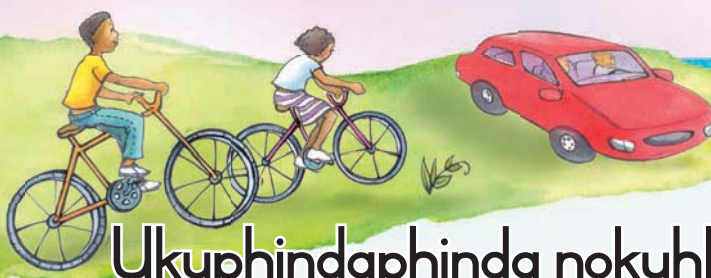
Sibhala: $2 \times 24 = 48$ (2 imigqa wezihlahla ezingama-24 wezihlahla = 48) kumbe
 $48 \div 2 = 24$ (48 izihlahla emigqeni emi-2 elinganayo kwenza 24 wezihlahla emigqeni).

Bala imigqa kanye nezihlahla esithombeni ngasinye ngezansi.

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

a. _____ $\times$ _____ = _____ $\div$ _____ =	
b. _____ $\times$ _____ = _____ $\div$ _____ =	
c. _____ $\times$ _____ = _____ $\div$ _____ =	
d. Thola enye indlela yokutshala 48 wezihlahla emigqeni. _____ $\times$ _____ = _____ $\div$ _____ =	e. Thola enye indlela yokutshala 48 wezihlahla emigqeni . _____ $\times$ _____ = _____ $\div$ _____ =

Teacher: _____
Sign: _____
Date: _____



Ukuphindaphinda nokuhlukanisa:

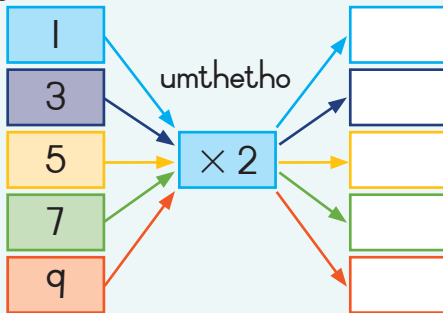
Okungakubili kuze kufinyelele e-100

Qedela umdwebo osabulwembu.



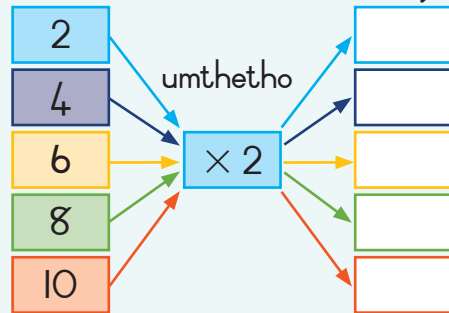
okungenisiwe

okukhiqiziwe



okungenisiwe

okukhiqiziwe



Qedela la mathebula angezansi:

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



Bala:

$$12 \times 2$$

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

$$= 20 + 4$$

$$= 24$$

$$11 \times 2$$

$$18 \times 2$$

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

$$= 20 + 16$$

$$= 20 + 10 + 6$$

$$= 36$$

$$22 \times 2$$





$46 \div 2$ $= (40 + 6) \div 2$ $= (40 \div 2) + (6 \div 2)$ $= 20 + 3$ $= 23$	$74 \div 2$
$47 \div 2$ $= (40 + 7) \div 2$ $= (40 \div 2) + (7 \div 2)$ $= 20 + 3 \text{ kusala } 1$ $= 23 \text{ rem } 1$	$75 \div 2$



Xazulula lesi sibalo:

Ingadi yemifino inemigqa engama-32 yezitshalo.

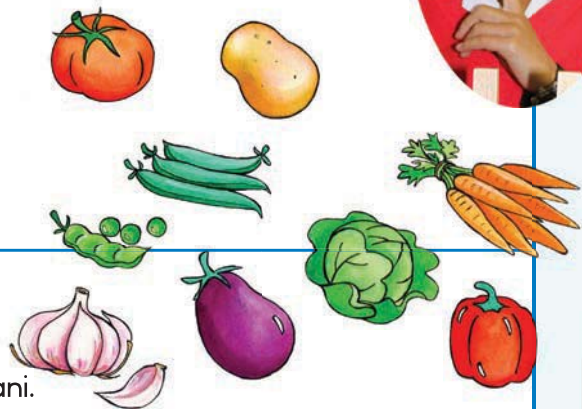
Umugqa ngamunye unezitshalo ezi-2.

Zingaki izitshalo ezikhona engadini?

Ingadi yemifino inemigqa engama-40 yezitshalo.

Umugqa ngamunye unezitshalo ezilinganayo ngenani.

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



Teacher: _____
 Sign: _____
 Date: _____





Ukuphindaphinda nkuhlukanisa:

Okuthathu kuya e-100



Qedela umdwebo osabulwembu.

okungenisiwe



umthetho

$\times 3$

okukhiqiziwe



okungenisiwe



umthetho

$\times 3$

okukhiqiziwe



Qedela la mathebula angezansi:

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



Bala:

$$12 \times 3$$

$$= (10 + 2) \times 3$$

$$= 30 + 6$$

$$= 36$$

$$11 \times 3$$

$$17 \times 3$$

$$= (10 + 7) \times 3$$

$$= 30 + 21$$

$$= 30 + 20 + 1$$

$$= 51$$

$$19 \times 3$$



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



Xazulula lesi sibalo:

UMarlene unamaswidi angama-30.

Amaswidi kaJakobe angaphindwa kashumi kwakaMarlene.

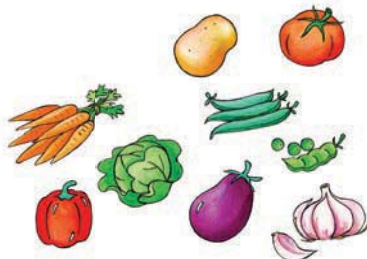
UJakobe unamaswidi amangaki?



Ingadi yemifino enemigqa engama-29 yezitshalo .

Umugqa ngamunye unezitshalo ezi-3.

Zingaki izitshalo ezisengadini sezizonke?

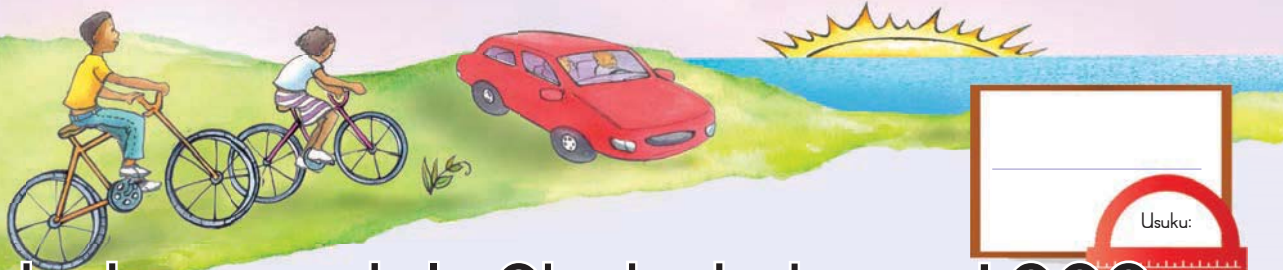


Teacher: _____
 Sign: _____
 Date: _____



11 12 13 14 15 16 17 18 19 20





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



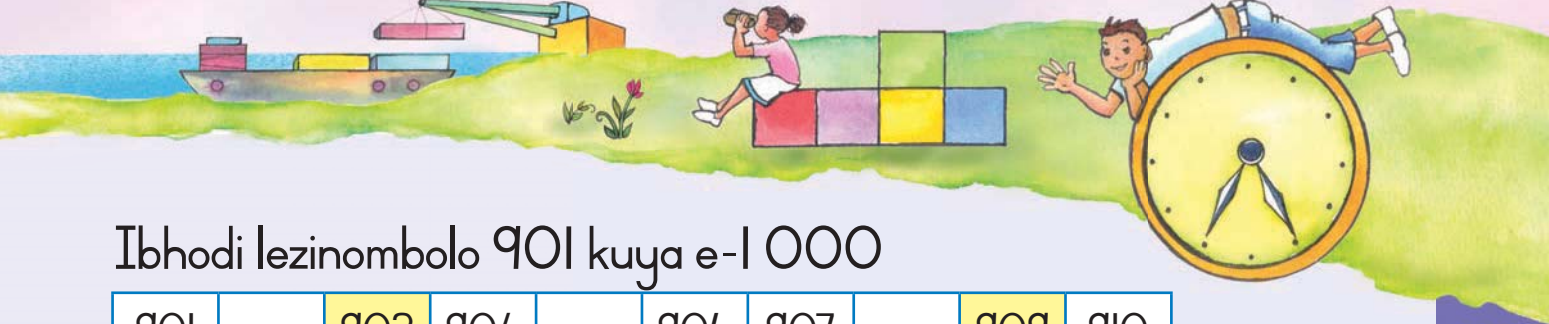
Phethini yini evezwa yizinombolo ezizungelezelwe?

Okuzungelezelwe ngombala osawolintshi :	Ukubala nge _____
Ukubala nga:	
Okuzungelezelwe ngombala Ukubala nga :	Ukubala nge _____
Ukubala nga:	



Bala.

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



Ibhodi lezinombolo 901 kuya e-1 000

901		903	904		906	907		909	910
	912	913		915	916		918	919	
921	922		924	925		927	928		930
931		933	934		936	937		939	940
	942	943		945	946		948	949	
951	952		954	955		957	958		960
961		963	964		966	967		969	990
	971	973		975	976		978	979	
981	982		984	985		987	988		990
991		993	994		996	997		999	1000



Gcwalisa izinombolo ezidingekayo.

Faka umbala enombolweni edingekayo ebhulokini esatshani. Hlikihla ngombala obomvu ezikhaleni esimhlophe esinezinombolo. Phethini lini olibonayo?



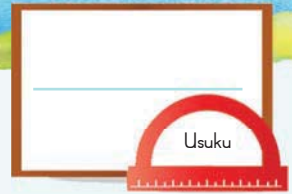
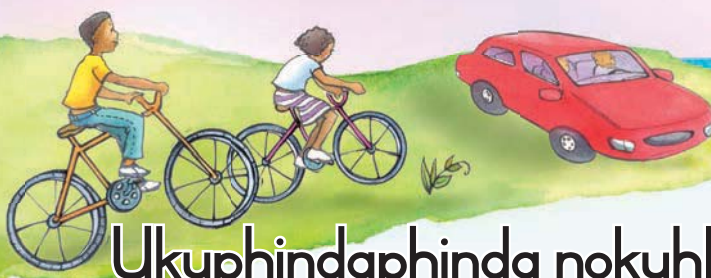
Qedela lawa maphethini.

- Engeza o-4 abathathu ufinyelele ema-981. **984, 987, 990, 993**
- Engeza o-5 abathathu ufinyelele ema-973. _____
- Susa o-4 abathathu ema-975. _____
- Susa o-3 abathathu ema-947. _____
- Engeza o-2 abathathu ufinyelele ema-932. _____

Teacher: _____
Sign: _____
Date: _____



11 12 13 14 15 16 17 18 19 20



Ukuphindaphinda nokuhlukanisa: Okune kuya e-100



Qedela umdwebo osabulwembu.

okungenisiwe



umthetho

$\times 4$

okukhiqiziwe



okungenisiwe



umthetho

$\times 4$

okukhiqiziwe



Qedela la mathebula angezansi

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



Bala:

$$12 \times 4$$

$$= (10 + 2) \times 4$$

$$= 40 + 8$$

$$= 48$$

$$11 \times 4$$

$$13 \times 4$$

$$= (10 + 3) \times 4$$

$$= 30 + 12$$

$$= 30 + 10 + 2$$

$$= 52$$

$$15 \times 4$$





$48 \div 6$  $= (40 + 8) \div 6$ $= (40 \div 6) + (8 \div 6)$ $= 6 + 1$ $= 7$	$64 \div 4$
$45 \div 4$  $= (40 + 5) \div 4$ $= (40 \div 4) + (5 \div 4)$ $= 10 + 1 \text{ kusala } 1$ $= 11 \text{ rem } 1$	$49 \div 4$



Xazulula lesi sibalo:



UTony unamaswidi angama-36.

Udla ama-4 nsuku zonke.

Kuzomthatha izinsuku ezingaki ukuwaqeda?



UDavide uthengisa amaphakethe aqukethe amawolintshi amane linye.

Unamawolintshi angama-88.

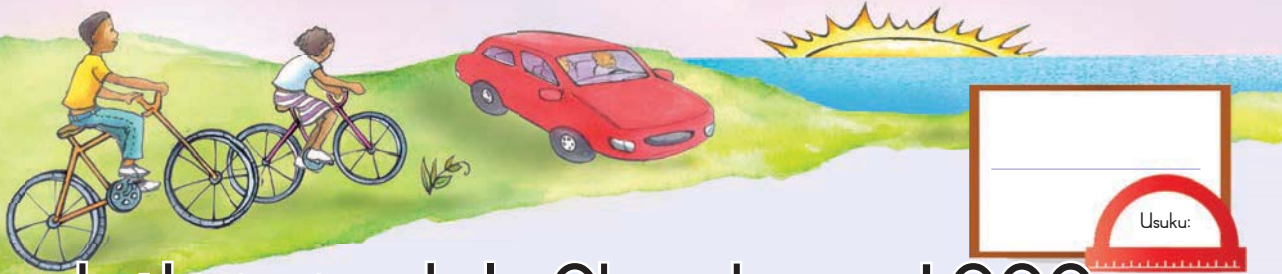
Uzogwalisa amaphakethe amangaki?



Teacher: _____
 Sign: _____
 Date: _____



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 yini evezwa yizinombolo ezizungelezelwe?

Okuzungelezelwe ngombala osatshani :	Ukubala nga _____.
Bhala iphethini lalokho:	
Okuzungelezelwe ngombala ophephuli :	Ukubala nga _____.
Bhala iphethini lalokho:	



Bhala iphethini lalokho:

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



Ibhodi lezinombolo 901 kuya e-1 000

901		903	904	905		907	908	909	
911	912	913		915	916	917		919	920
921		923	924	925		927	928	929	
931	932	933		935	936	937		939	940
941		943	944	945		947	948	949	
951	952	953		955	956	957		959	960
961		963	964	965		967	968	969	
971	972	973		975	976	977		979	980
981	982	983	984	985		987	988	989	
991	992	993		995	996	997		999	1000



Gcwalisa izinombolo ezidingekayo.

Faka umbala osatshani ezinombolweni ezidingekayo. Hlikihla ngombala obomvu ezikhaleni esimhlophe esinezinombolo. Phethini lini olibonayo?



Qedela lawa maphethini.

- Engeza o-4 abane uze ufinyelele ema-980. **984, 988, 992, 996**
- Engeza o-5 abane uze ufinyelele ema-971. _____
- Susa o-4 abane ema-963. _____
- Susa o-3 abane ema-927. _____
- Engeza o-2 abane uze ufinyelele ema-938. _____

Teacher: _____
Sign: _____
Date: _____



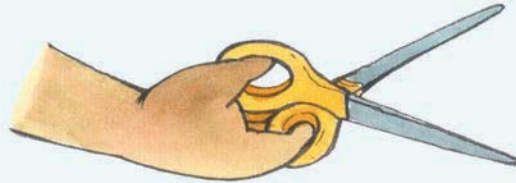


Engeza o-2 abane uze ufinyelele ema-938.



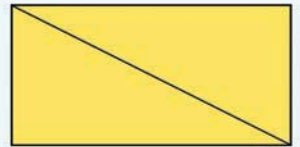
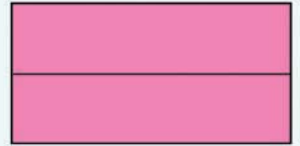
Uhhafu, noma ngabe uwusika ngandlelani.

Sika onxande ephepheni elifakwe umbala.



Thola izindlela ezahlukene zokwakha uhhafu.

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



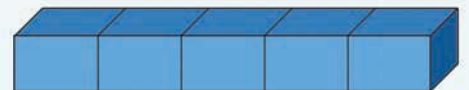
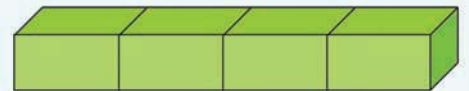
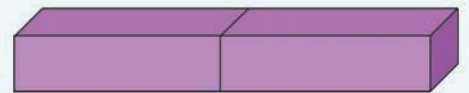
Okunye ngezinxenye ezilinganayo zokuphelele.

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

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

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

Uma sihlukanisa into ibe yizingxenye ezi-5 ezilinganayo sizibiza **ngokwesihlanu**.





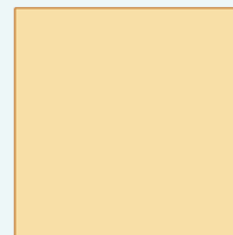
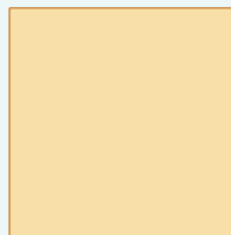
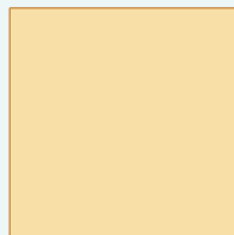
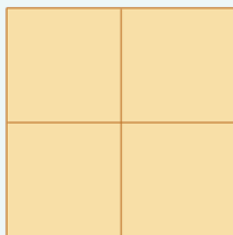
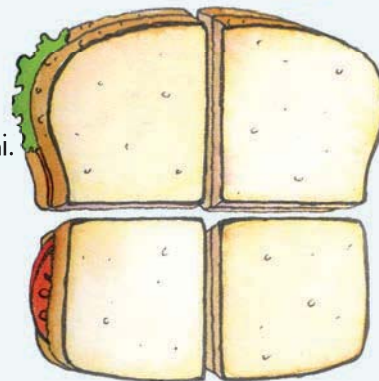
Isendwishi lokudliwa emini.

UThabo nabangane aba-3 benze amasendwishi amaningi asemini.

Bawasike aba ngamaqhezu **okwesine** kumbe **amakota**.

Lokhu kusho ukuthi bawasike aba yizingcezu ezine ezilinganayo.

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

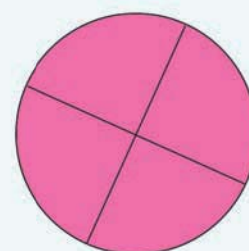
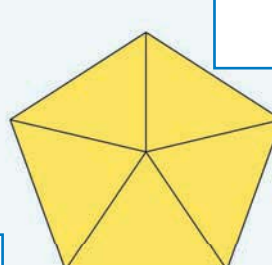
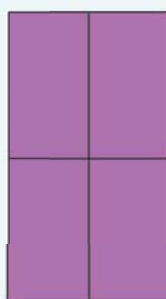
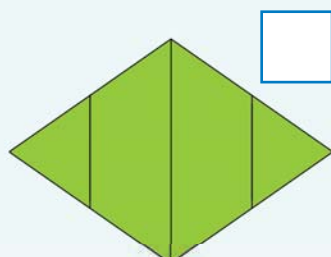
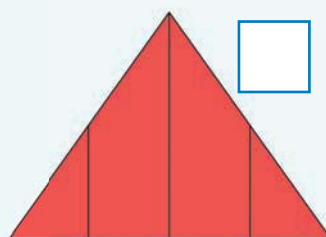


Ukuhlukanisa ngokwesine.

Uma ($\frac{1}{4}$ s), we **sisika** into ibe yizingcezu ezingamakota siyisika ibe yizingcezu ezine ezilingananyos.

Thikha (✓) ezithombeni ezingezansi ukukhombisa amakota kumbe okwesine.

Hlola!
Qhathanisa!
Lungisa!



Teacher: _____
Sign: _____
Date: _____

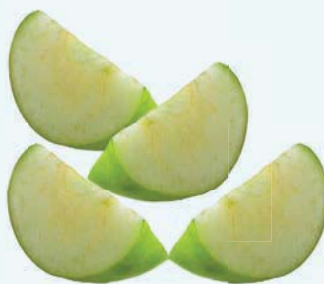




Izibalo zamaqhezu



Xoxa ngamaqhezu nomunye wabangane.



Xazulula lesi sibalo ngokuphendula imibuzo nokwenza imidwebo.

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

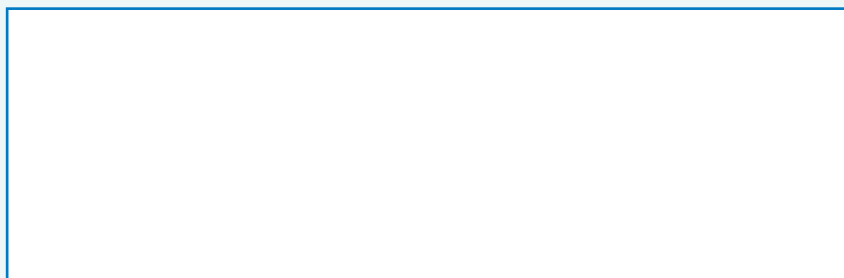
Udinga amawolintshi amangaki esewonke? _____

Uthini umbuzo? _____

Yiziphi izinombolo noma amaqhezu akhona kulesi sibalo? _____

Yiliphi igama elibalulekile? _____

Dweba isithombe.



Igama elibalulekile yilo elizongenza ngikhethe indlela enhle engizoyisebenzisa..



Ithini impendulo? _____



b. Umama uphe mina nabangane bami abayi-Il ikota le-apula ngamunye.

Udinga ukuba nama-apula amangaki empeleni? _____

Yiziphi izinombolo ezikhona noma amaqhezu akhona kulesi sibalo? _____

Yiliphi igama elibalulekile? _____

Dweba isithombe.



Ithini impendulo? _____

c. Esitolo esincane sasesikoleni bathengise okwesithathu kwekhekhe.

Bathengise izingcezu zekhekhe kubantu abangama-24.

Bathengise amakhekhe amangaki? _____

Yiziphi izinombolo ezikhona noma amaqhezu akhona kulesi sibalo? _____

Yiliphi igama elibalulekile? _____

Dweba isithombe.



Ithini impendulo? _____



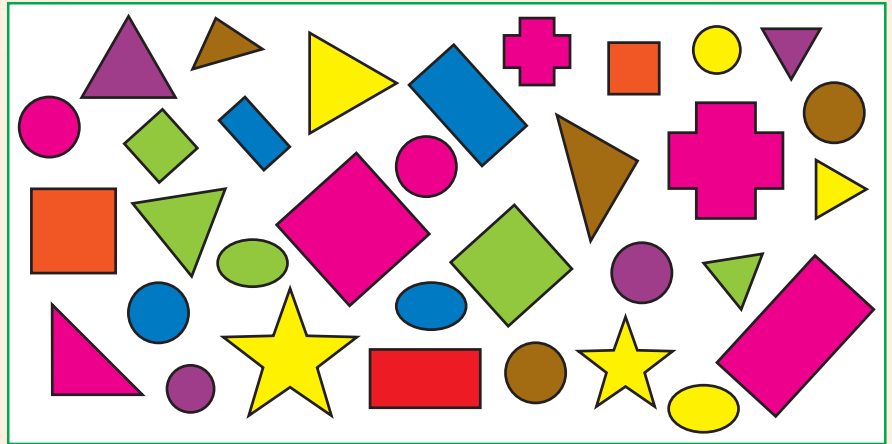
Teacher: _____
Sign: _____
Date: _____



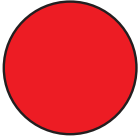
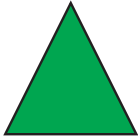


Izinto eziyi-2-D

Yisho ukuthi umumo unohlangothi oluqondile yini noma oluyindilinga.

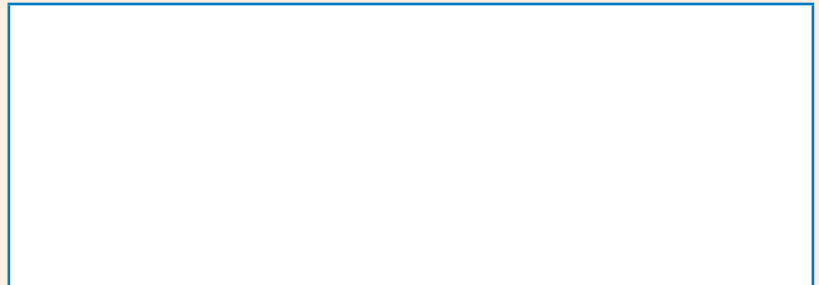


Yisho ukuthi umumo unomphetho oqondile yini noma oyindilinga.



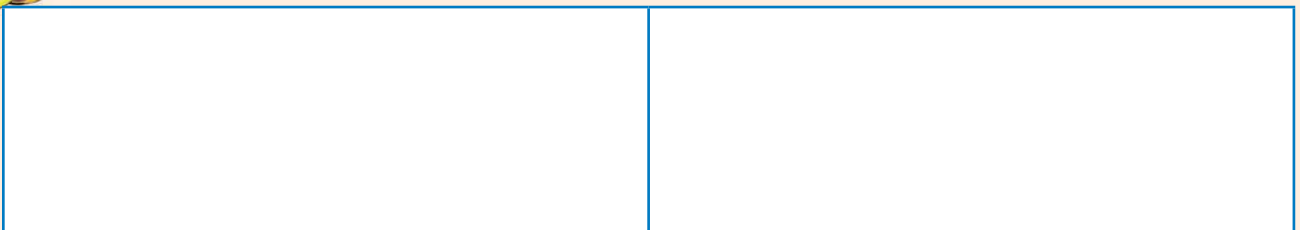
Mingaki imimo ongayidweba kwengezansi enomphetho oqondile?



Thola izithombe

Thola imimo enemiphetho eqondile uyidlulisele lapha.

Thola imimo enemiphetho eyindilinga uyidlulisele lapha.





Qedela lokhu:

Dweba	Dweba umumo ume ngezindlela ezingafani.
Unxantathu	
Unxande	
Isikwele	



Qedela ithebula:

	Nikeza igama lomumo	Dweba umumo omncane	Dweba umumo omkhulu
			
			
			
			



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

Konke kunamathisele lapha

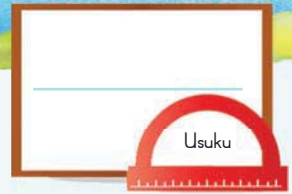
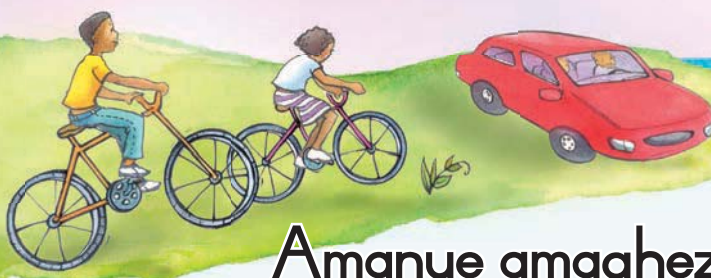
Teacher:

Sign:

Date:



11 12 13 14 15 16 17 18 19 20

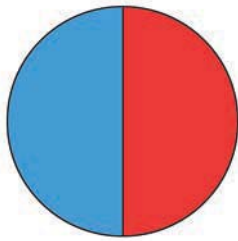


Amany e amaqhezu

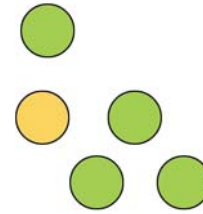


Nikeza amagama amaqhezu.

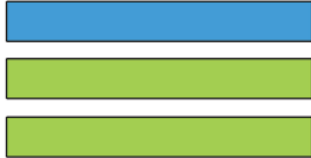
Bhala iqhezu elimele izithombe ezingezansi.



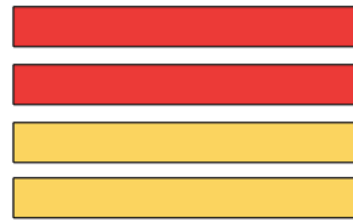
a. Kuyiqhezu elingakanani okunombala obomvu? _____



b. Kuyiqhezu elingakanani okunombala osatshani? _____



c. Kuyiqhezu elingakanani okunombala osasibhakabhaka? _____



d. Kuyiqhezu elingakanani okunombala ophuzi? _____



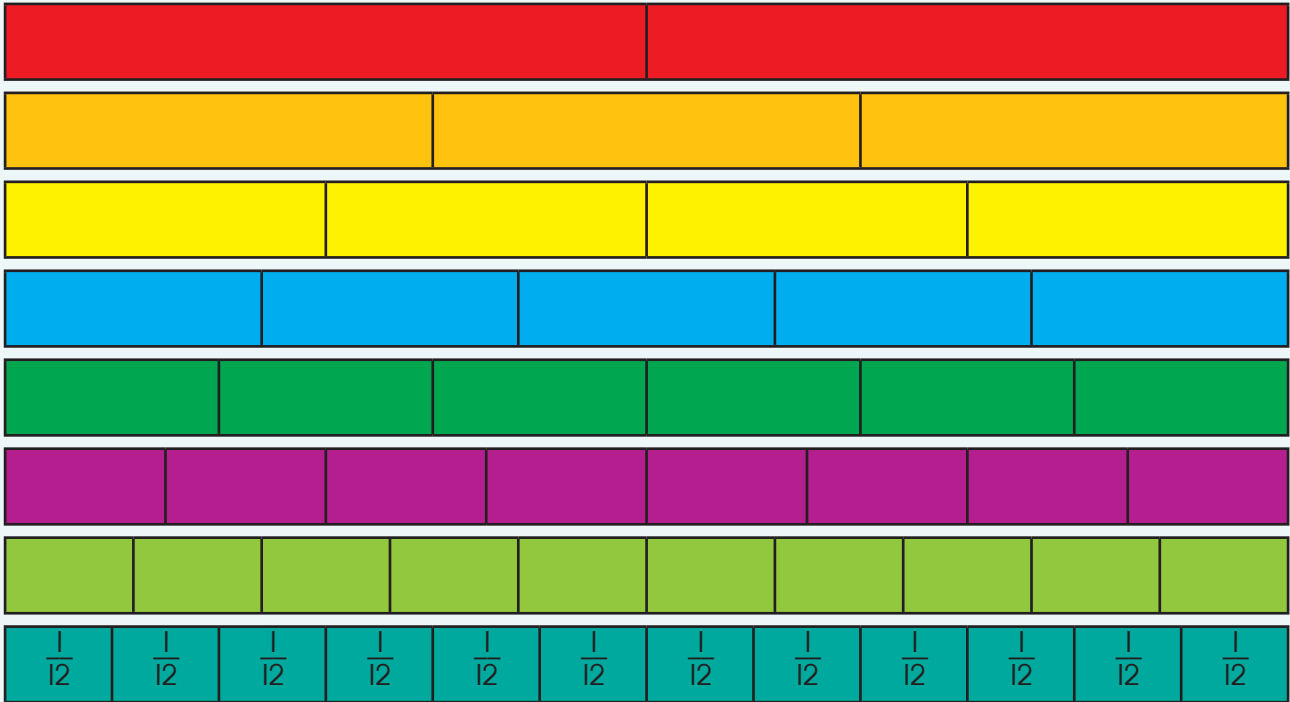
Impendulo nemibuzo.

- USizwe unezingcezu zikashokoledi ezine. Uph a umngane wakhe ucezu olulodwa Liqhezu lini likashokoledi asele nalo? _____
- UYasmin unamawolintshi amabili. Uph a uMimi elilodwa. Usele naqhezu lini? _____
- UMariya uthenga 5 washokoledi. Uzibekela o-I. Uph a uMohamedi ombili, upha umfowabo ombili futhi. Usele neqhezu elingakanani yena kowakhe? _____





Udonga emaqhezweni.



Umugqa owodwa uhlukaniseke izingxenye ezimbili ezilinganayo. Phansi kuhlukaniseke amaqhezu okweshumi nambili ($\frac{1}{12}$).

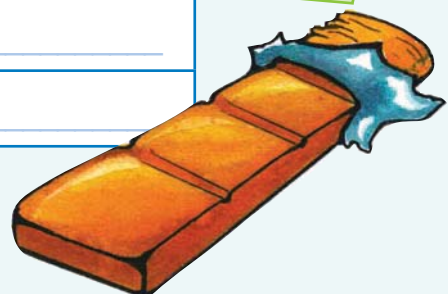
Lebula eminye imigqa ngamaqhezu afanele.

Sebenzisa umphetho oqondile wephapha ukuthola amaqhezu alinganayo, lokho kuzokusiza ukuphendula le mibuzo

Sukela odongeni lwamaqhezu, uthole izindlela ezahlukene zokwakha.

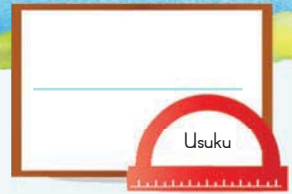
a. uhhafu owodwa $\frac{1}{2}$	
b. okukodwa okuphelele (1)	
c. amakota amathathu $\frac{3}{4}$	

Hlo! Qhathanisa! Lungisa!



Teacher: _____
Sign: _____
Date: _____

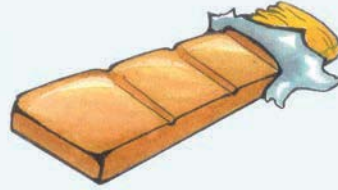




Ukubeka amaqoqo nokwabelana



Ukubala ngokushesha.



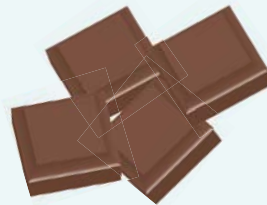
Thola lapho kuxhumana khona lokhu.

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

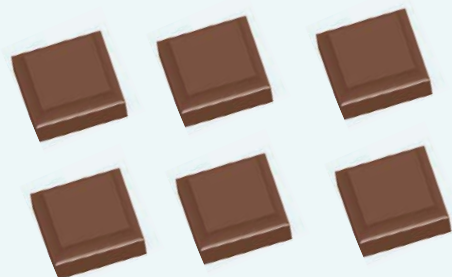
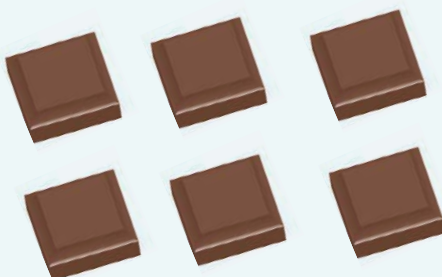


Kusalani.

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



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





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



Umuntu ngamunye uthola _____ wamabhande.

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

Umuntu ngamunye uthola _____ wamabhande.

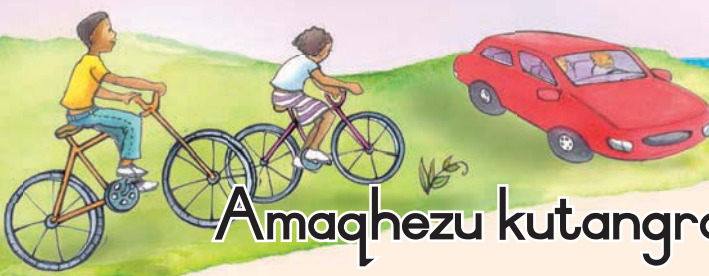
- c. Aba ama-48 amabhande wabele abantwana aba-5.

Umuntu ngamunye uthola _____ wamabhande.

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

Umuntu ngamunye uthola _____ wamabhande.

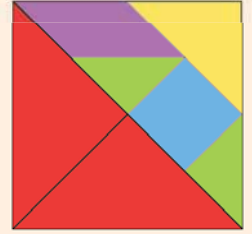




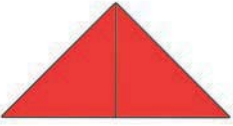
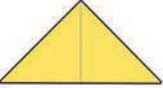
Amaqhezu kutangramu

Usuku:

ITangramu yiphazili elidala laseChina elakhiwe ngemimo eyisi-7 ebizwa ngetans, yonke imimo ibekwa ndawonye ukuze yakhe izakhiwo ezahlukahlukenene.



Amaqhezu kutangramu.

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



Ukusetshenziswa kwetangramu.

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

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





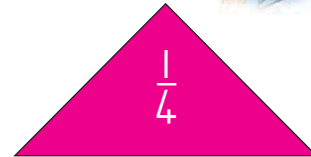
Umdlalo wamaqhezu okwabelana ngokuyikho.

Dlala nabadlali aba-4-8 nisebenzise izingcezu zetangramu.

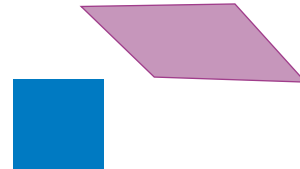
1. Abadlali bayadedelana ekubeni ngabaphathi bokuthengiselana.
2. Umphathi wokuthengiselana nguyena onqumayo ukuthi yimuphi umdlali okumele afake inani elithile letangramu esethini.
3. Umdlali ngamunye uyaqagela ukuthi uhlamvu luzoveza ikhanda noma cha yini uma luphonswa, umhlwebi bese eluphonsa phansi.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



Bonke abebedlala kumele bafake ikota elilodwa letangramu esikhwameni.



Mina ngizozifaka kunxantathu owodwa omkhulu.



Izingxenywe ezimbili zokwesishiyagalombili zakha ikota elilodwa. Lokho ngingakufaka esikweleni kanye nakuparalelogramu.



Teacher:

Sign:

Date:

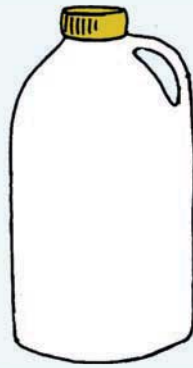




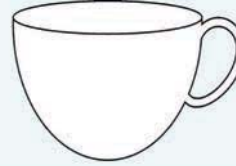
Ukukala umthamo



Sebenzisa
ibhodlela leplastiki
kanye enkomishi.



Inkomishi (250 ml)



Zingaki izinkomishi
ezingagcwalisa lesi siqukathi?

Akudingeki ukuthi uwasho
amalitha kumbe amamililitha.
Gagula amagama athi
'inkomishi' nelithi 'ibhodlela'.

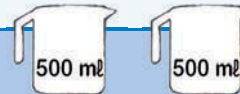
Isiqukathi esilingana ilitha elilodwa

Akha ilitha.

Thola indlela ongafinyelela ngayo elitheni elilodwa usebenzisa izinhlobo
ezahlukene zoketshezi.

Bhala umusho wezinombolo ngalokhu ngakunye way.

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



Umusho wezinombolo:
_____ = 1000 ml (1 l)

Umusho wezinombolo:
_____ = 1000 ml (1 l)

NUmusho wezinombolo:
_____ = 1000 ml (1 l)

Umusho wezinombolo:
_____ = 1000 ml (1 l)

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



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



Ungakanani umthamo wenkomishi uma igcwalisiwe?



Isipuni senza inkomishi iqukathe ukugcina ezengeni lokuqala.









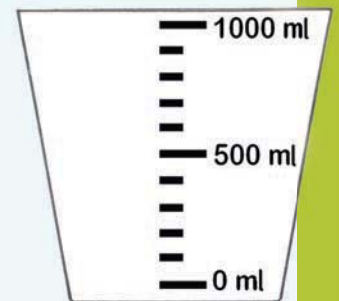


Sikala uketshezi oluncane ngamamilitha (ml).

Le nkomishi yokukala imith iqukathe i-10 ml, lokho kuthi akube ngamathisipuni amabili..

Izinto ezithe ukuba ningana sizikala ngamalitha (l).

Elitheni elilodwa kunamamilitha ayinkulungwane (1000).



Lolu ketshezi lungakanani?

Mangaki ama-ml aqukethwe ngujeke ngamunye?



_____ ml



_____ ml

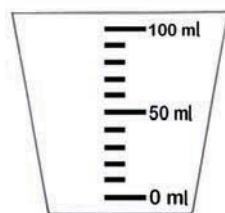


_____ ml

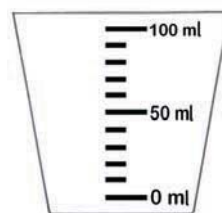


Lolu ketshezi lungakanani?

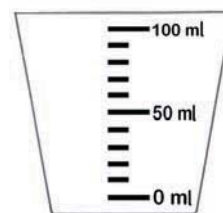
Hlikihla izinkomishi zokukala imithi ukukhombisa ukuthi ziqukethe kangakanani.



50 ml



10 ml

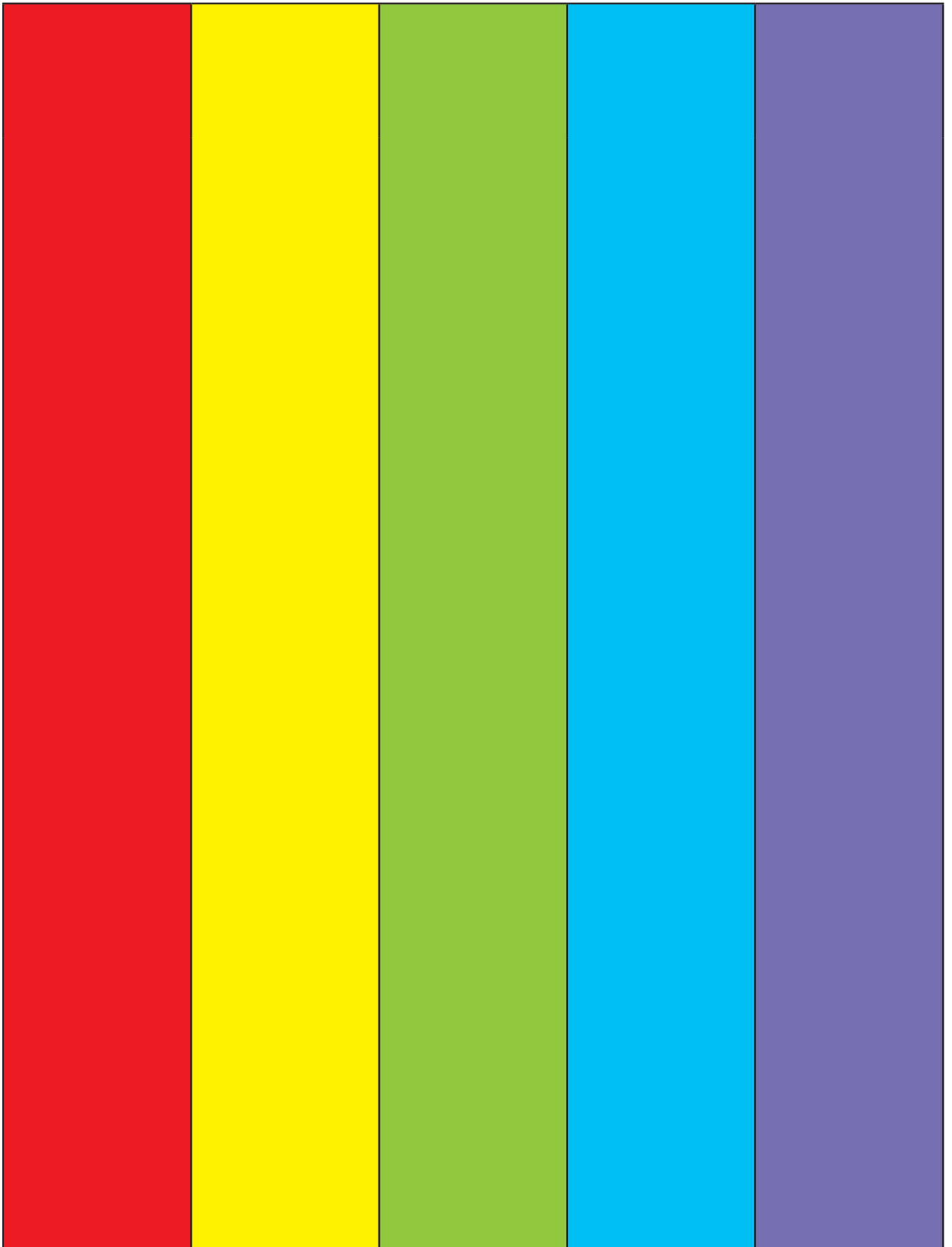


70 ml

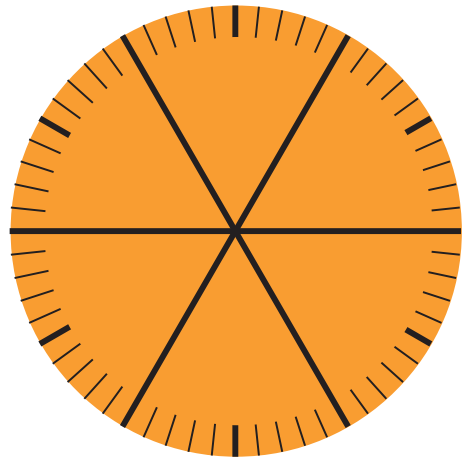
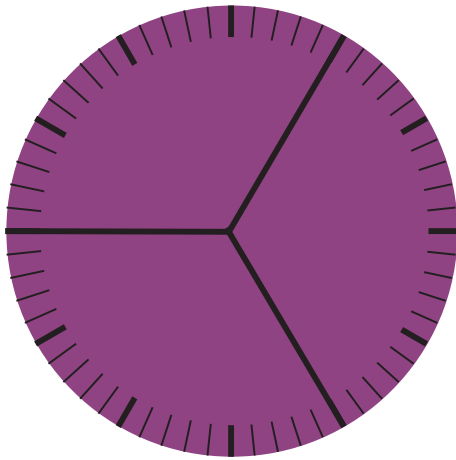
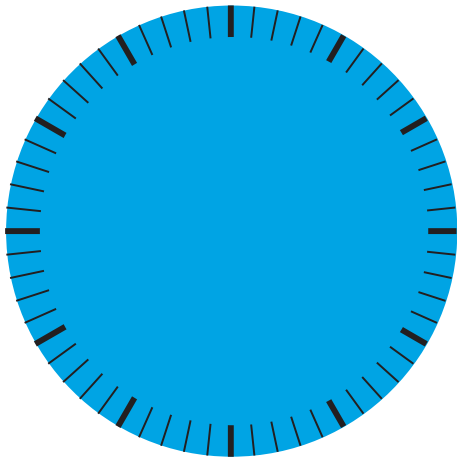
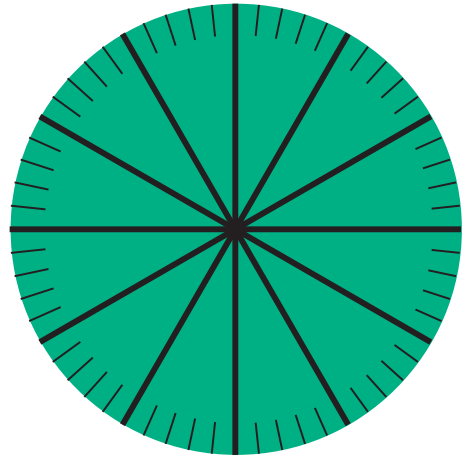
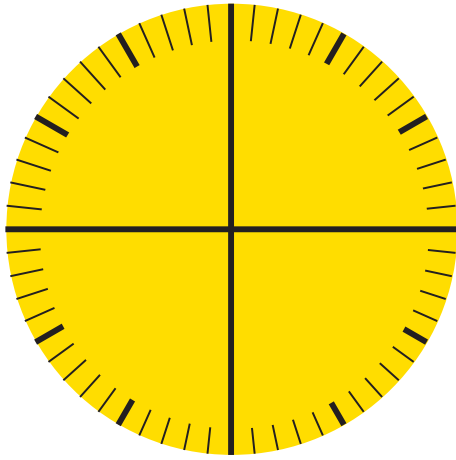
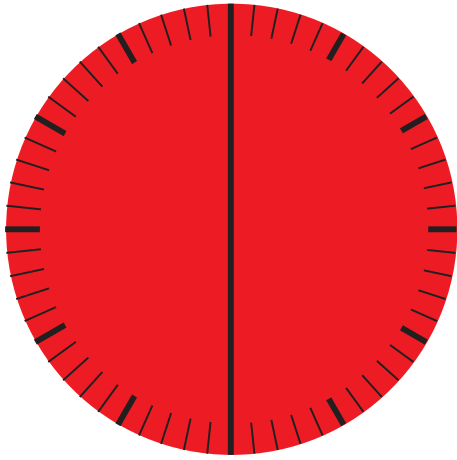
Teacher: _____
Sign: _____
Date: _____



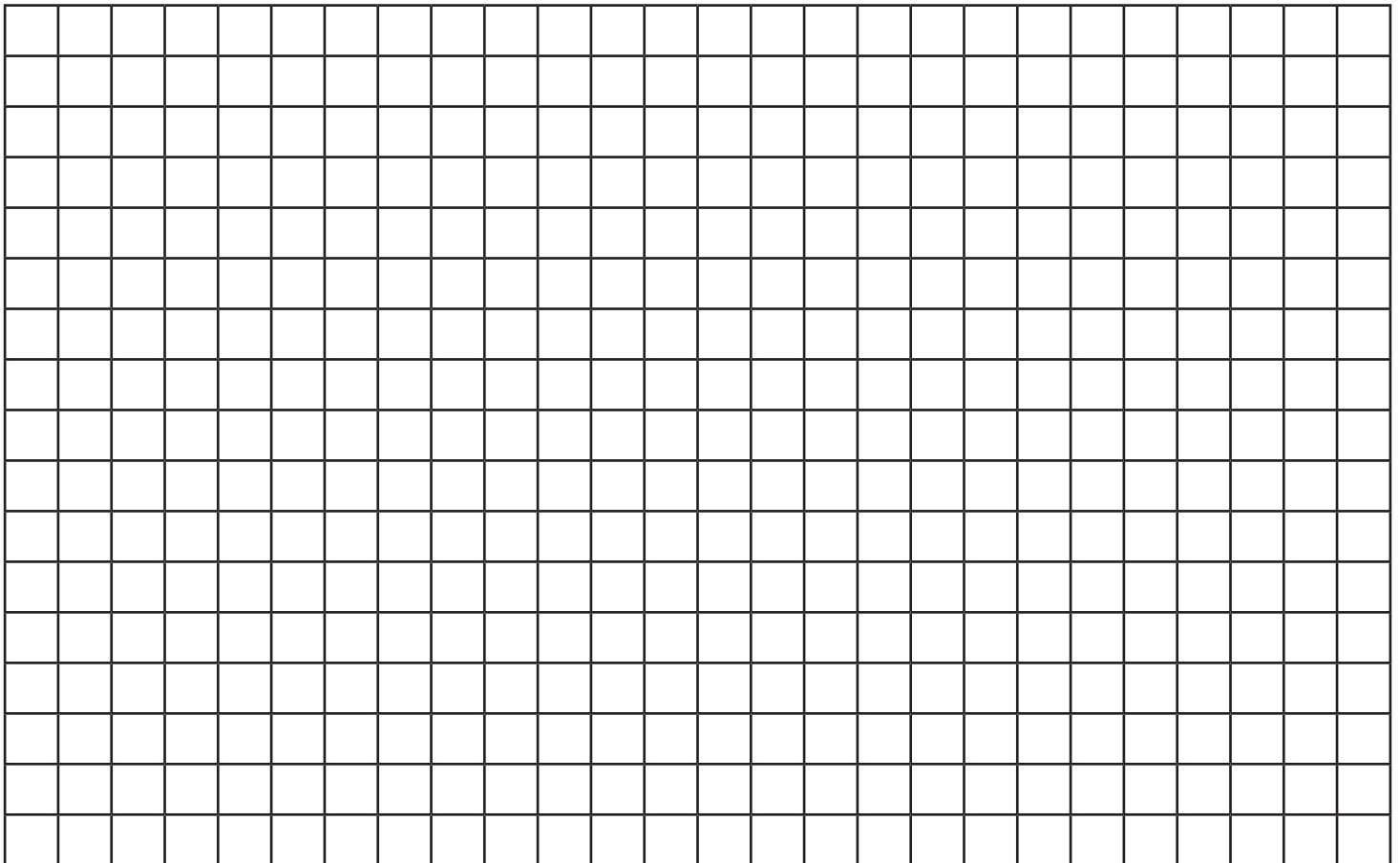
Sika 6



Cut-out 7



Cut-out 8

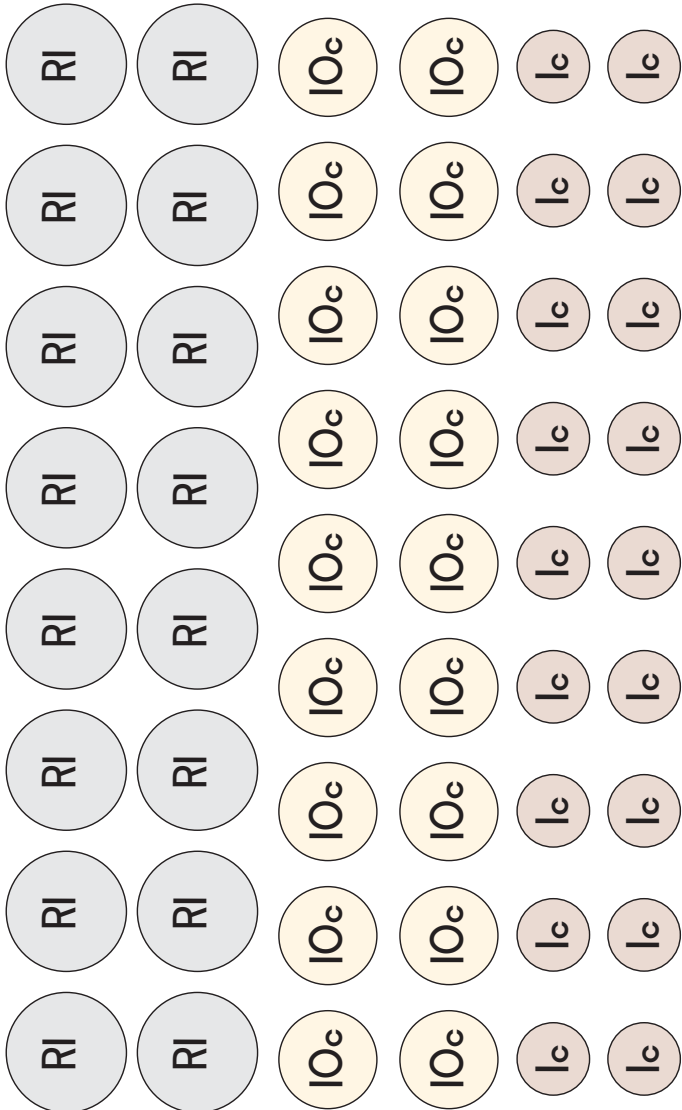


Cut-out 9

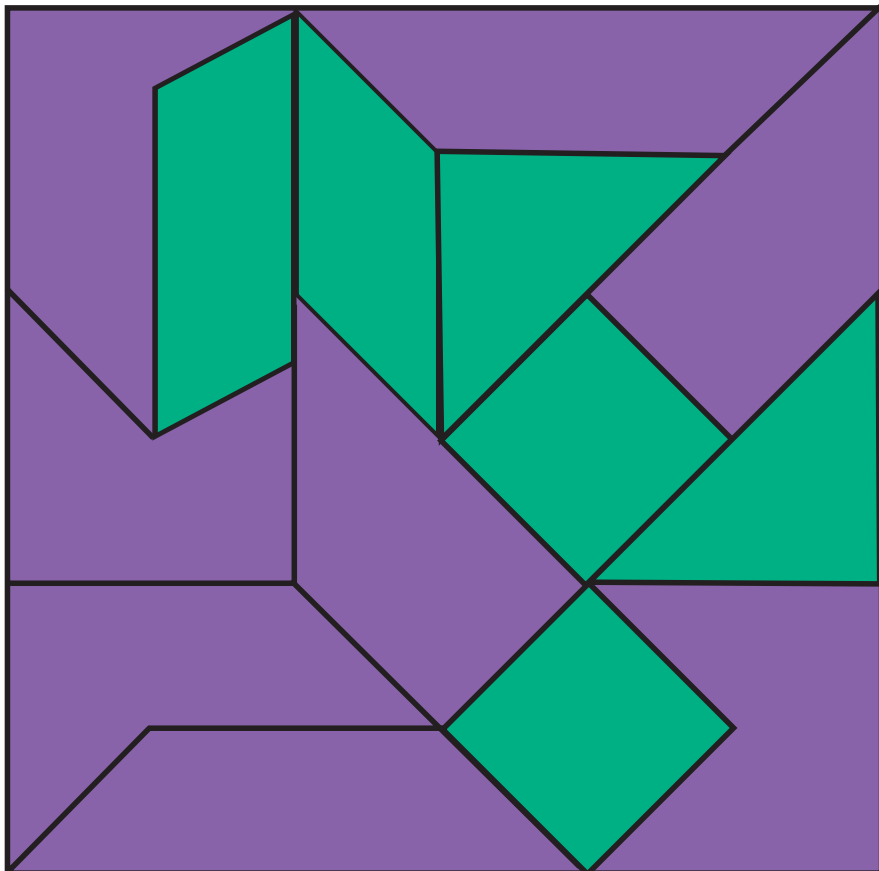
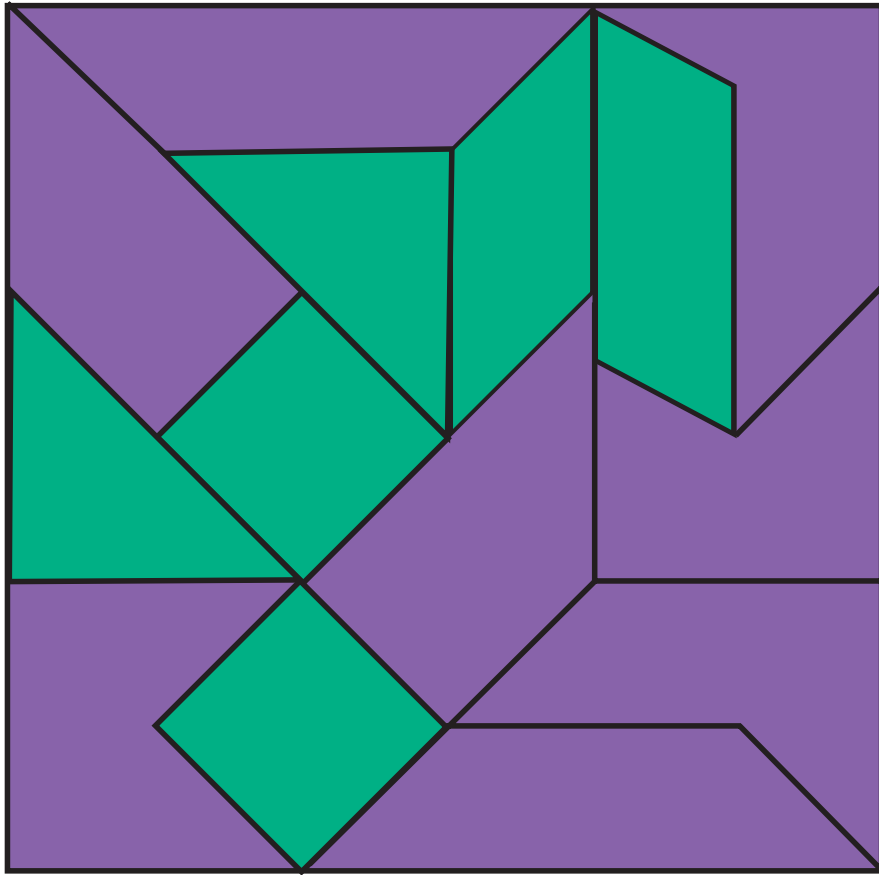
RIOO _s	RIO _s	RI _s	IO _c	I _c

Cut-out 10

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



Cut-out II



Cut-out 12

