

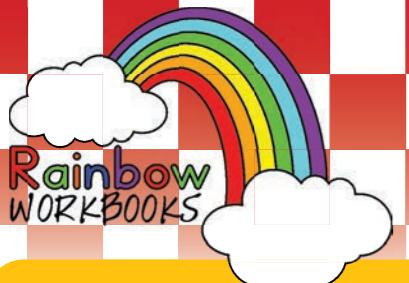


UNksk. Angie Motshikga,
uMphathiswa wemfundu
esisiSeko



UMnu. Enver Sury,
uSekela Mphathiswa
wemfundu esisiSeko

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MATHEMATICS IN ISIXHOSA
GRADE 3 – BOOK 2
TERMS 3 & 4

ISBN 978-1-4315-0149-6

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NOT BE SOLD.

Ezi ncwadi zilungiselelwe abantwana baseMzantsi Afrika phantsi kwephiko loMphathiswa weMfundu esisiSeko uNksk. Angie Motshikga kanye noSekela Mphathiswa weMfundu esisiSeko uMnu. Enver Sury.

Ezi ncwadi zokusebenzela, iRainbow Workbooks, lelinye lamalinge ongenelelo eSebe leMfundu esisiSeko ajolise ekuphuculen umgangatho wabafundi beloMzantsi Afrika abakumabanga amathandathu okuqala. Njengomnye wemiba ephambili yoMkhomba-ndlela kaRhulumente, eli phulo libe nempumelelo ngenxa yenksaso-mali evela kuVimba weSizwe. Oku kuye kwenza ukuba iSebe likwazi ukuvelisa ezi ncwadi, zifumanekе ngazo zonke ilwimi ezisemthethweni ngexabiso eliphantsi.

Sinethemba lokuba ootitshala bay a kuzifumana ezi ncwadi zokusebenzela ziluncedo kakhulu kwimfundu yemihla ngemihla. nasekuqinisekiseni ukuba abafundi bayifikelela yonke ikharityhulam. Ukuqinisekisa ukuba utitshala uyakhokelwa kuyo yonke imisetyenzana, sisebenzise izalathisi ezibonisa oko kufanele ukwenziwa ngumfundu.

Sinethemba lokwenene lokuba abantwana bay a kukonwabela ukusebenza kwezi ncwadi ekukhuleni nasekufundeni kwabo. kwanokuba nawe titshala uya kwabelana nabo kolu yolo.

Sinqwenela ukuba nibe nempumelelo ekusebenziseni ezi ncwadi.



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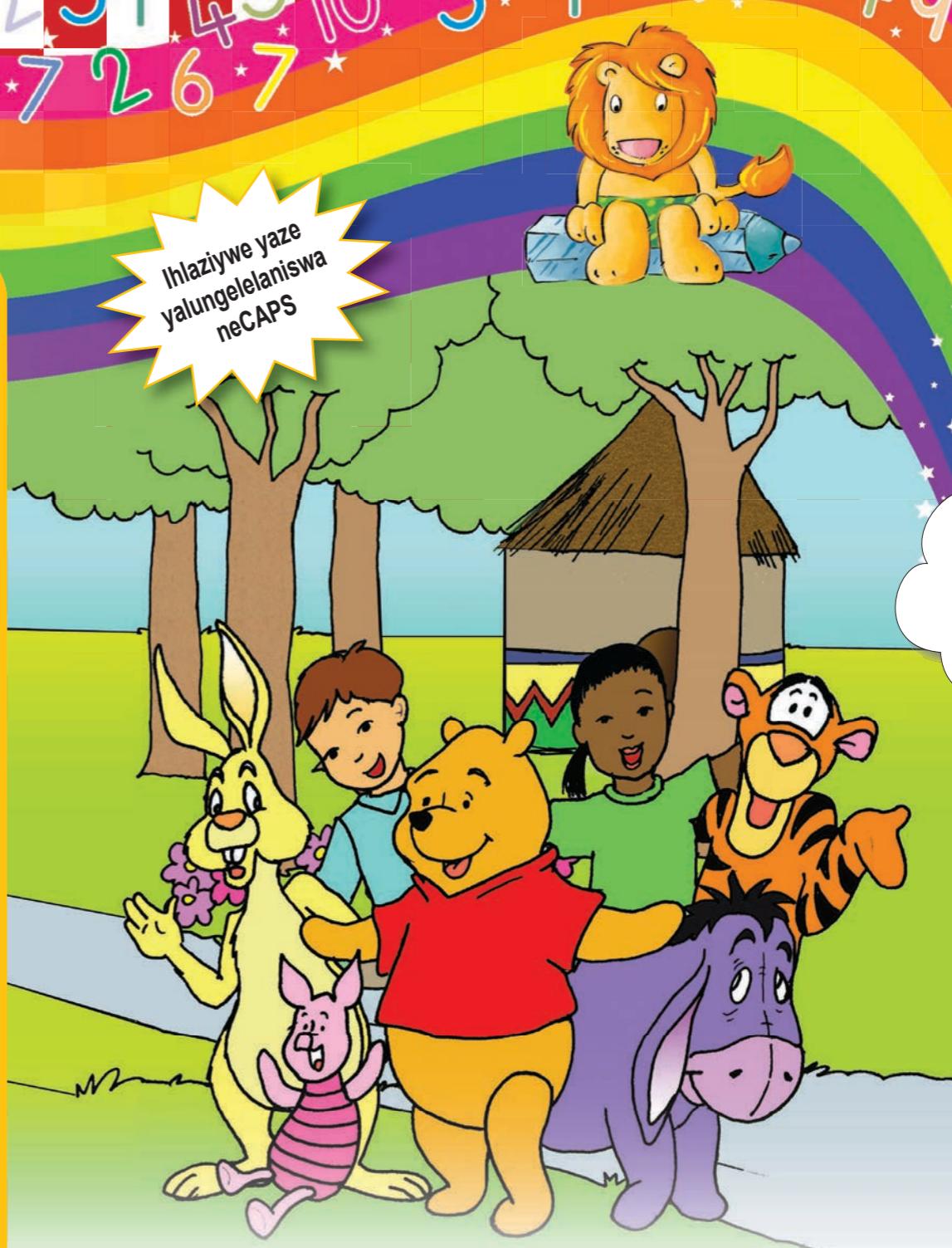
IMATHMATIKA - NGESIXHOSA – Ibanga lesi-3 Incwadi yesi-2

ISBN 978-1-4315-0149-6



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Basic Education
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Ihlaziwe yaze
yalungelelaniswa
neCAPS

IBANGA
LESI-
3
IMATHMATIKA
NGESIXHOSA



Incwadi yesi-2
Ikota
3 & 4

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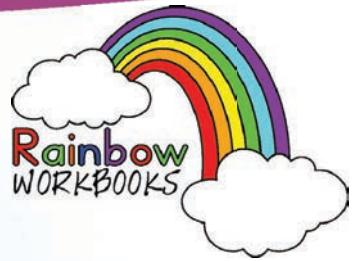
X

Itheyibhile yophinda-phindo

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

$$2 \times 2 = 4$$

Ibanga lesi-3



I M a t h e m a t i k a

A horizontal banner with the word "I M a t h e m a t i k a" written across it. Each letter is on a separate colored square: I (orange), M (red), a (blue), t (yellow), h (green), e (purple), m (pink), a (orange), t (red), i (blue), k (yellow), and a (green).

Le ncwadi yeka -:



ISTIXHOSA

Incwadi
yesi

2

65

Amanani ukusuka kuma-500 ukuya kuma-600

Ikota 3



Bala uze ubhale.

- a. Sebenzisa le tshathi ilandelayo ikuncede ubale ukusuka kuma-500 uye kuma-600.
Wabize amanani njengokuba ubala.

500



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

- b. Bhala amanani angekhoyo kwigridi engasentla.
c. Bhala amanani ali-10 alandela ama-500.

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

- d. Bhala amanani asi-8 alandelayo ngokwepatheni yezi-2.

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

- e. Bhala onke amanani ngokwepatheni yezi-2 uqale kuma-548 uye kuma-570.

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

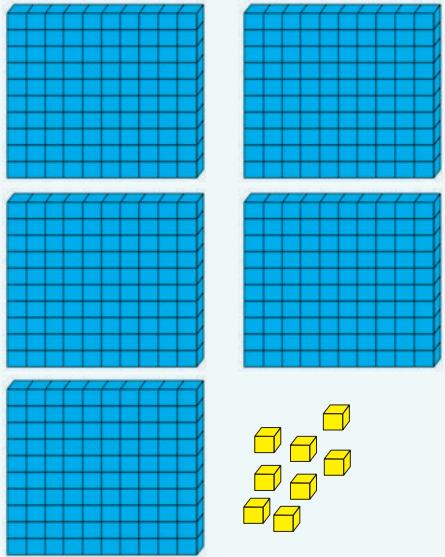
- f. Bhala amanani alandelayo asi-8 ngokwepatheni yezi-5.

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

Umhla:



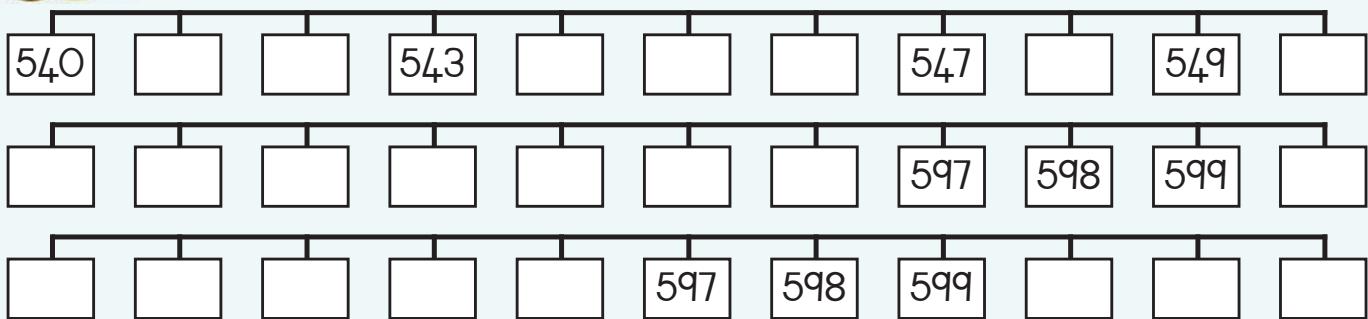
Zingaphi iibloko ozibalileyo?



Uzibale njani ezi bloko?



Gqibezela le migca-manani.



Gqibezela le
theyibhile.

Bhala uqale ngelona lincinci
uye kwelona likhulu

Bhala uqale ngelona likhulu
uye kwelona lincinci

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



Bhala inani ngamagama.

520

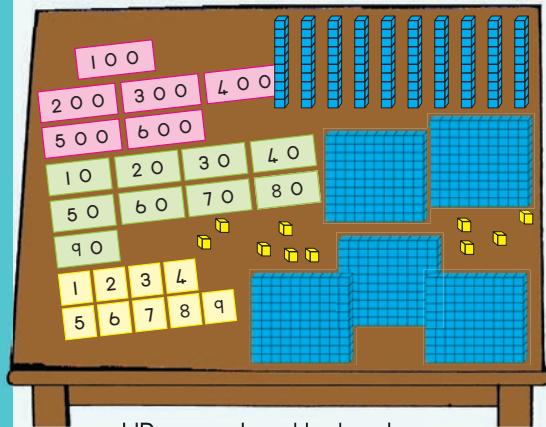
Teacher:
Sign:
Date:

bb

Umhla:

Amanye amanani ukusuka kuma-500 ukuya kuma-600

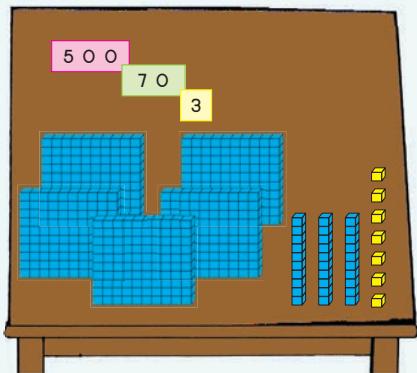
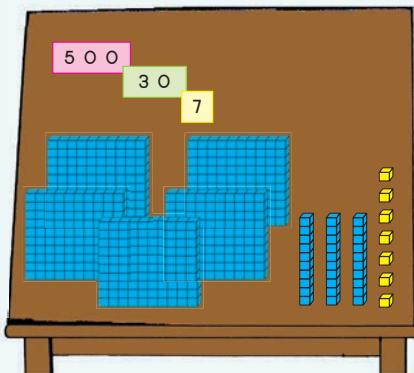
Ikota 3



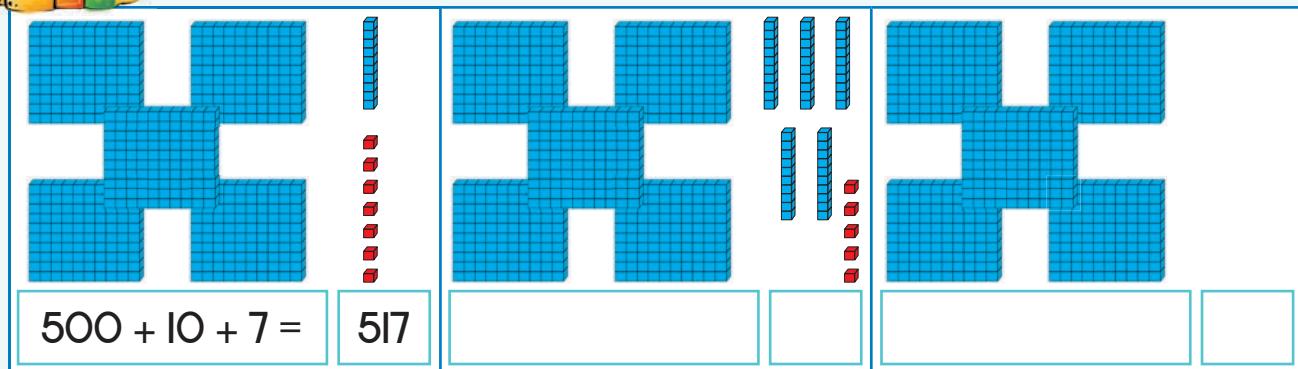
UPeter unala makhadi exabiso lendawo kunge neebloko zamashumi.

Utitshala uyalela uPeter ukuba abonise ama-537 ngamakhadi neebloko zakhe.

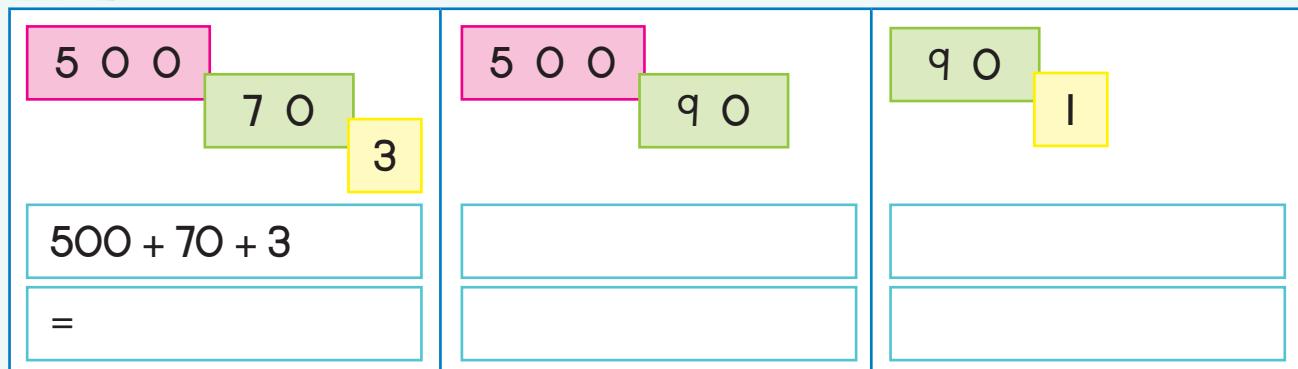
UAakar ubonisise oku. Yintoni angayenzanga kakuhle?



Bhala isivakalisi samanani ulandele ngempendulo.



Bhala isivakalisi samanani ulandele ngempendulo.





Gqibezela lo mgca-manani

550 551 552 560

Bhala onke amanani angaphantsi kunama-556.

Bhala onke amanani angaphezulu kunama-556.

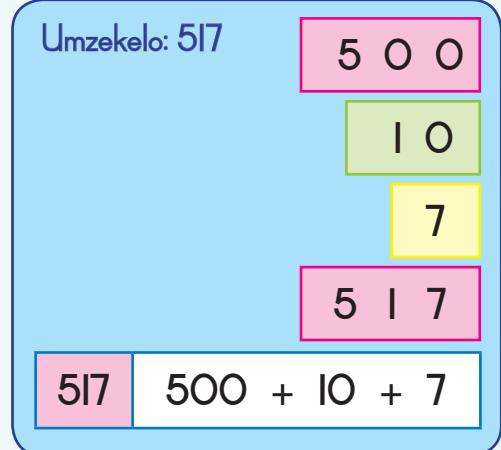


Cazulula inani lakho.

- a. Yakha inani ngalinye ngamakhadi akho.
- b. Bhala ixabiso lenani ngalinye.

495	
508	
594	
549	
602	

Kukho amanani ali-10.
0123456789
Siyawadlbanisa ukwenza amanani.



Bhala la manani ngamagama.

221	
486	
369	
419	
491	



67

Amanani ukusuka kuma-600 ukuya kuma-700

Ikota 3



Bala uze ubhale.

- a. Sebenzisa le tshathi ilandelayo ikuncede ubale ukusuka kuma-600 ukuya kuma-700. Wabize amanani njengokuba ubala.

Umhla:

600



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

b. Bhala amanani angekhoyo kwigridi engasentla.

c. Bhala amanani ali-10 alandela ama-600.

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

d. Bhala amanani asi-8 alandelayo ngokwepatheni yezi-2.

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

e. Bhala onke amanani ngokwepatheni yezi-2 uqale kuma-611 uye kuma-633.

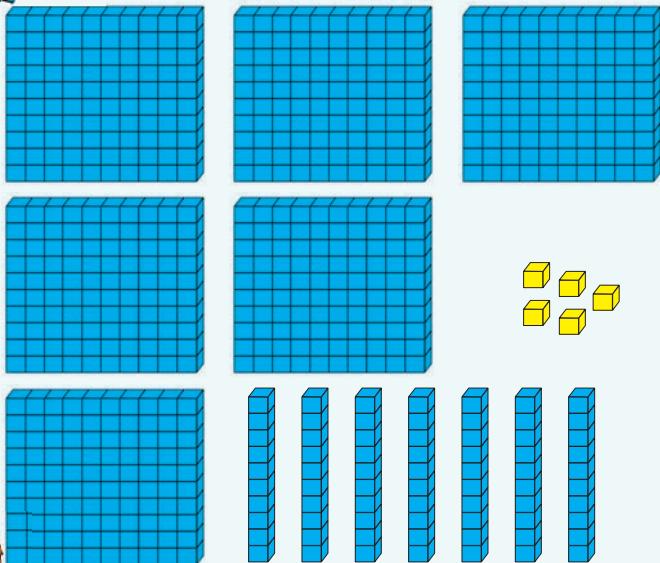
611; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; 633

f. Bhala amanani alandelayo asi-8 ngokwepatheni yezi-5.

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



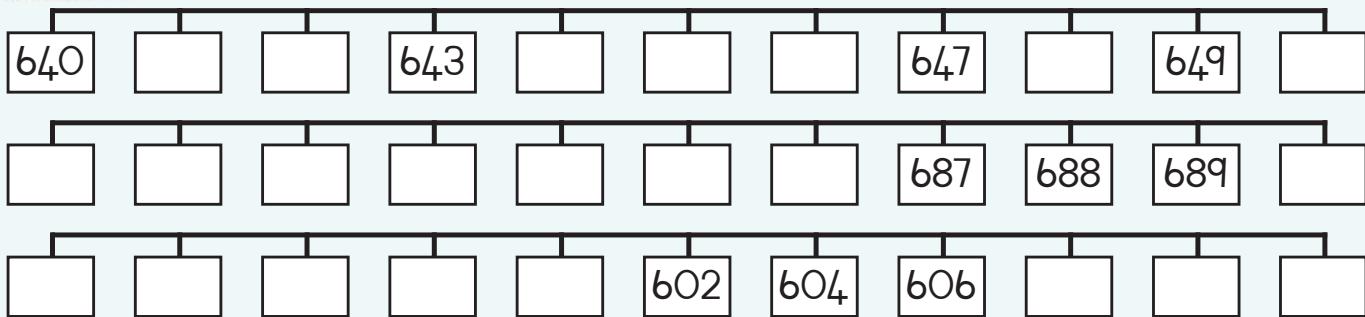
Zingaphi iibloko ozibalileyo?



Uzibale njani ezi bloko?



Gqibezela le migca-manani.



Gqibezela
le theyibhile.

Bhala uqale ngelona lincinci
uye kwelona likhulu

Bhala uqale ngelona likhulu
uye kwelona lincinci

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



Bhala inani ngamagama.

631

Teacher:
Sign:
Date:

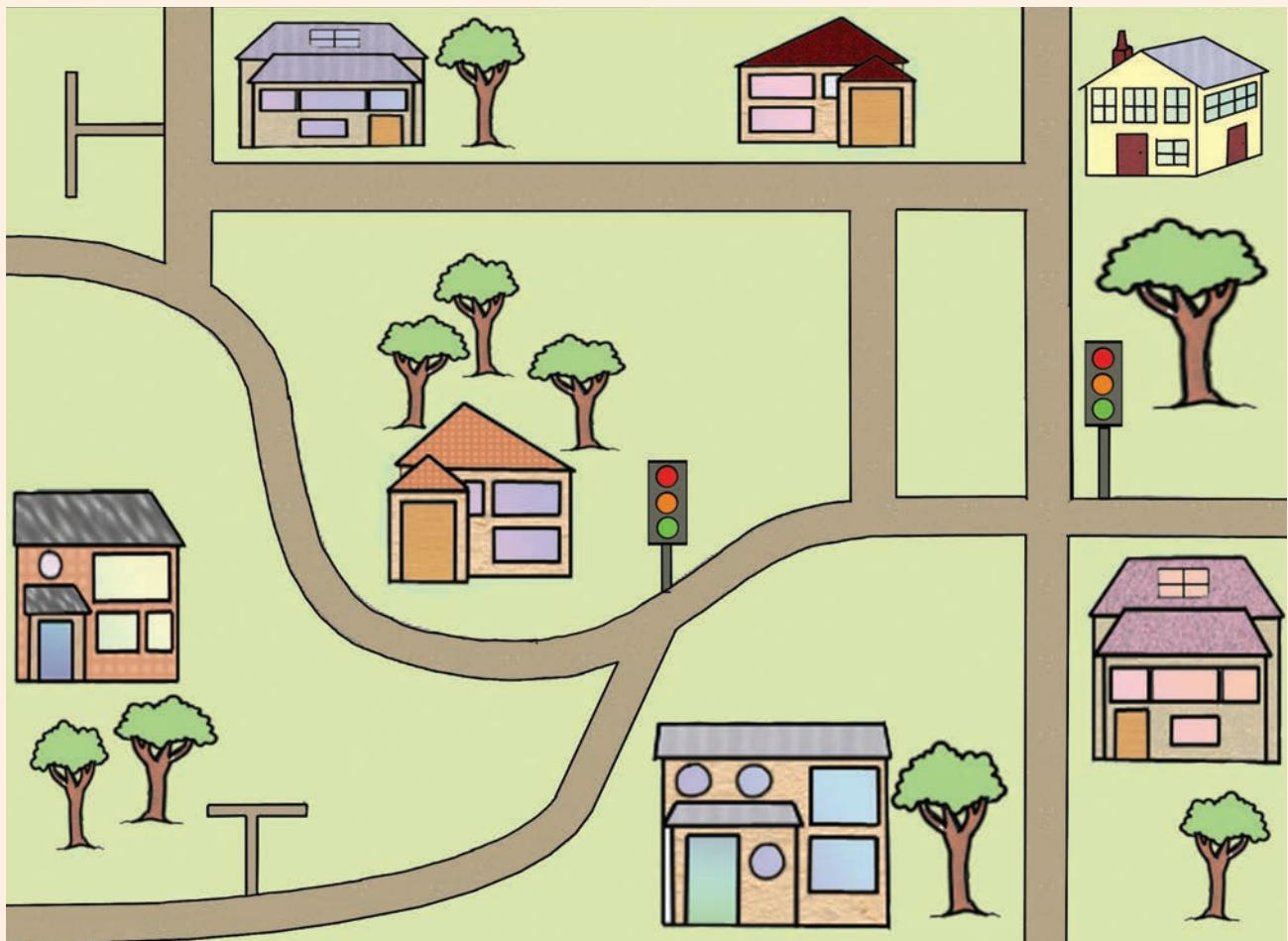


Umhla:

Umsebenzi wemephu

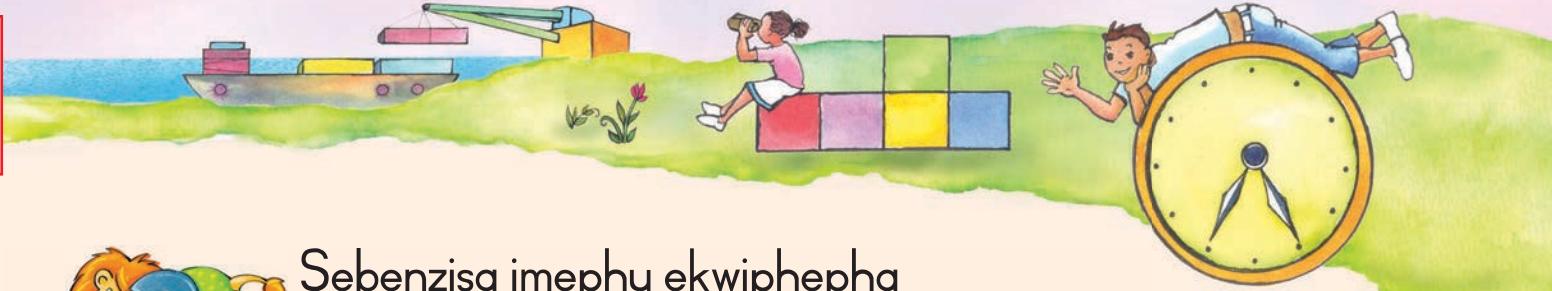
Jonga umfanekiso.

- Yintoni le?
- Siyisebenzisa entweni?
- Singafumana ntoni emephini?



Zoba oku emephini:

Ithala leencwadi, isikolo, ikllinikhi, isibhedlele, isikhululo samapolisa, iiwenkile.
Ungongeza nezinye izitalato.



Sebenzisa imephu ekwiphepha
elingaphambili balathise ngayo abahlobo bakho ukusuka:

a. eklinikhi uye kwisikhululo samapolisa.

b. esikolweni uye eklinikhi.

c. esikolweni uye ezivenkileni.

d. ezivenkileni uye kwithala leencwadi.

e. kwithala leencwadi uye esikolweni.

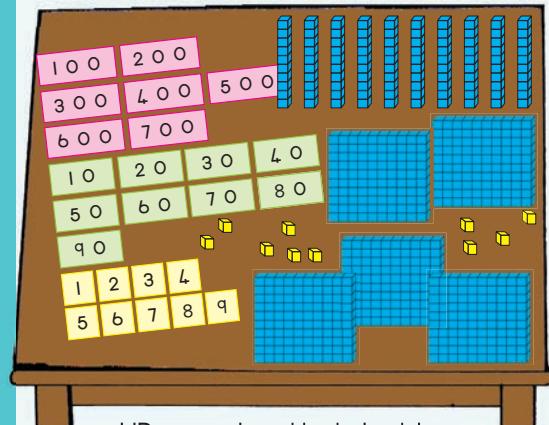
f. esibhedlele uye esikolweni.



69

Amanye amanani aqala kuma-600 ukuya kuma-700

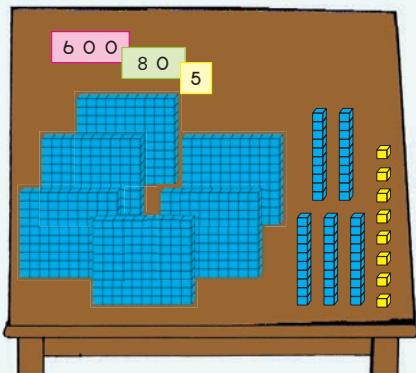
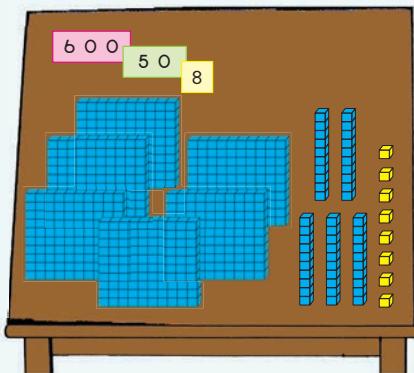
Ikota 3



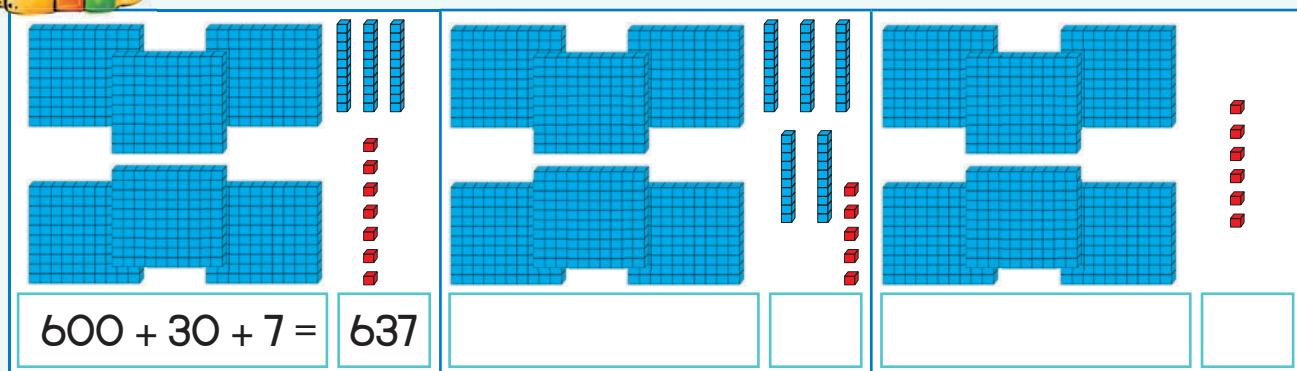
UPeter unala makhadi alandelayo
amaxabiso endawo kunge
neebloko zamashumi.

Utitshala uyalela uPeter ukuba
abonise ama-658 ngamakhadi
neebloko zakhe.

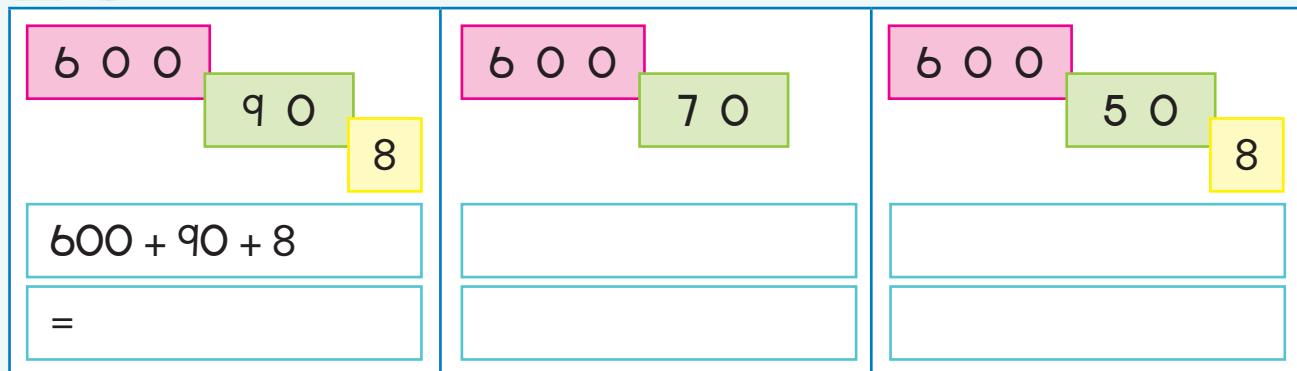
UAarkar ubonise oku. Yintoni
angayenzanga kakuhle?



Bhala isivakalisi samanani ulandele ngempendulo.



Bhala isivakalisi samanani ulandele ngempendulo.





Gqibezela lo mgca-manani

670 671 672 680

Bhala onke amanani angaphantsi kunama-675.

Bhala onke amanani angaphezulu kunama-675.



Bhala <, > okanye =

a. 670 607

b. 688 699

c. $600 + 50 + 5$ 655



Cazulula inani lakho.

a. Yakha inani ngalinye ngamakhadi akho.

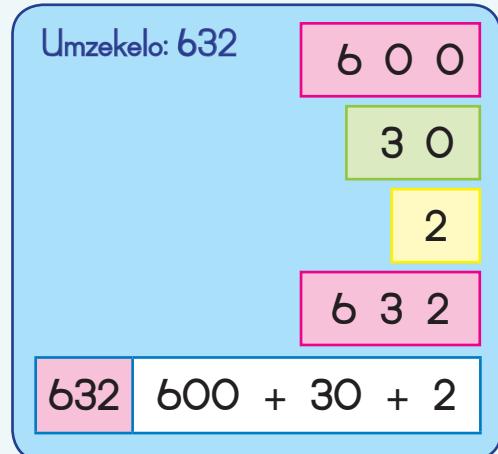
b. Bhala ixabiso lenani ngalinye. Yenza oku: Cazulula inani lakho.

686	<input type="text"/>
690	<input type="text"/>
699	<input type="text"/>
673	<input type="text"/>
665	<input type="text"/>



Bhala amanani ngamagama.

672	<input type="text"/>
693	<input type="text"/>
607	<input type="text"/>
697	<input type="text"/>
660	<input type="text"/>



70



Umhla:

Ikota 3

Amanani ukusuka kuma-650 ukuya kuma-750



Bala uze ubhale.

- a. Sebenzisa le tshathi ilandelayo ikuncede ubale ukusuka kuma-650 ukuya kuma-750. Wabize amanani njengokuba ubala.

650



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

- b. Bhala amanani angekhoyo kwigridi engasentla.

- c. Bhala amanani ali-10 alandela ama-650.

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

- d. Bhala amanani asi-8 alandelayo kwipatheni yezi-2.

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

- e. Bhala onke amanani akwipatheni yezi-3 ukusuka kuma-719 uye kuma-749.

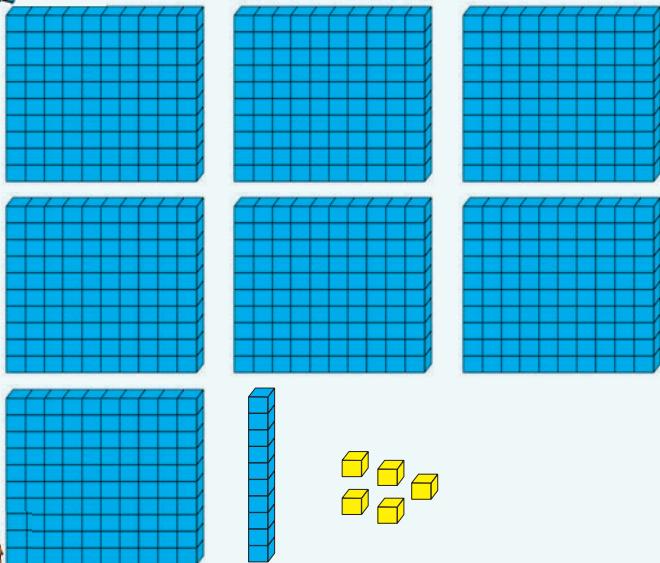
719; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; 749

- f. Bhala amanani asi-8 alandelayo kwipatheni yezi-5.

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



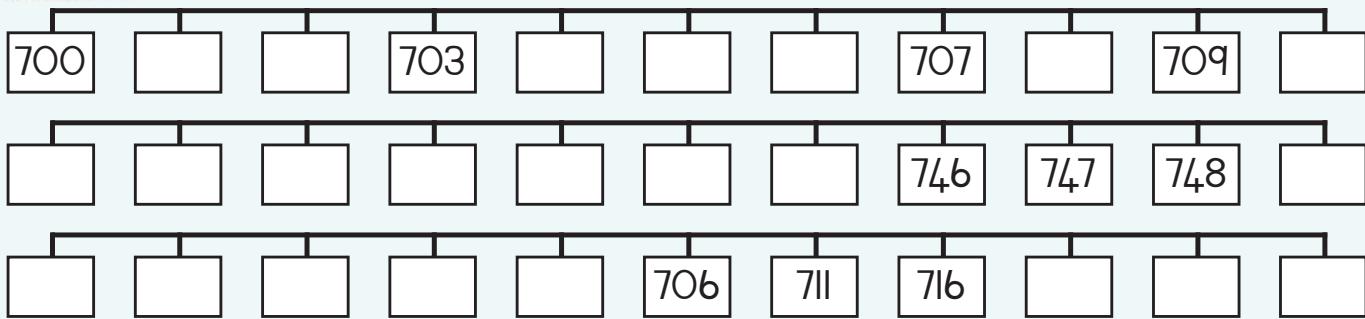
Zingaphi iibloko ozibalileyo?



Uzibale njani ezi bloko?



Gqibezela le migca-manani.



Gqibezela
le theyibhile.

Qala ngelona lincinci uye
kwelona likhulu

Qala ngelona likhulu uye
kwelona lincinci

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



Bhala inani ngamagama.

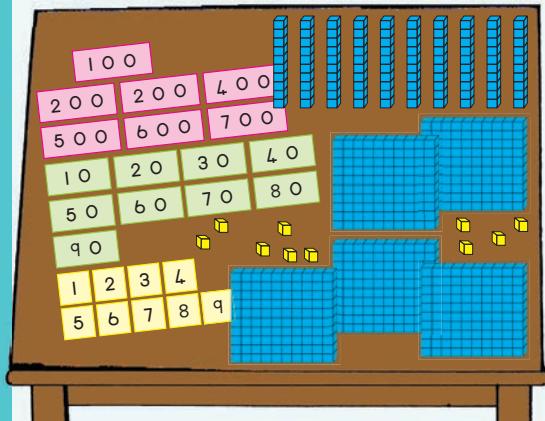
706



71

Amanani aqala kuma-700 ukuya kuma-750

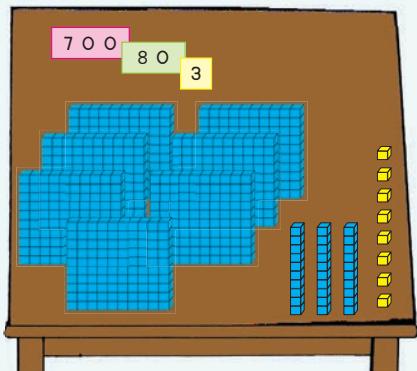
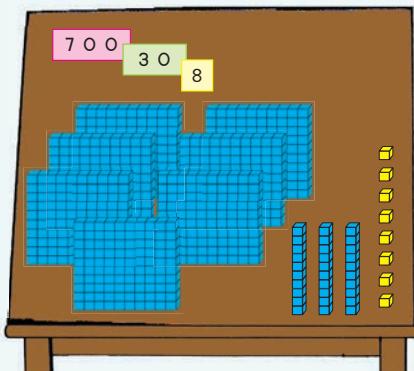
Ikota 3



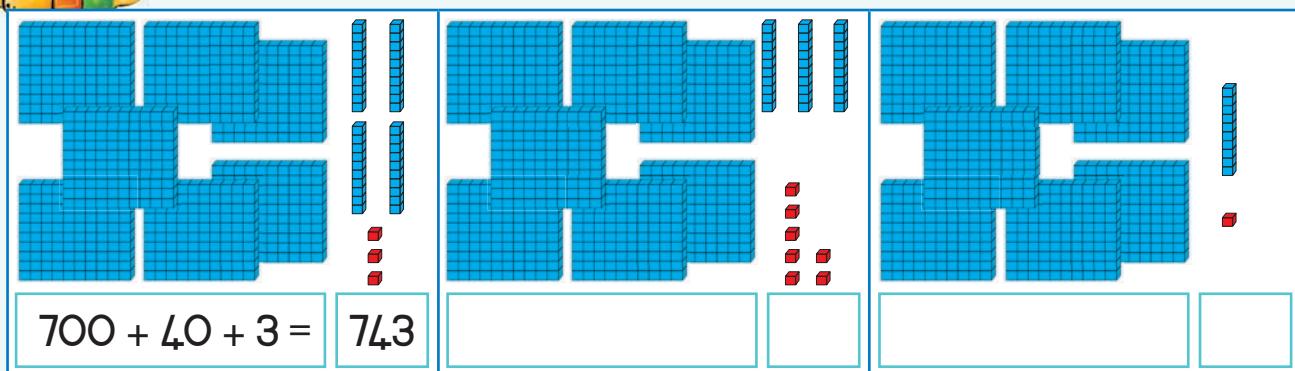
UPeter unala makhadi alandelayo
amaxabiso endawo kunye
neebloko zamashumi.

Utitshala uyalela uPeter ukuba
abonise ama-738 ngamakhadi
neebloko zakhe.

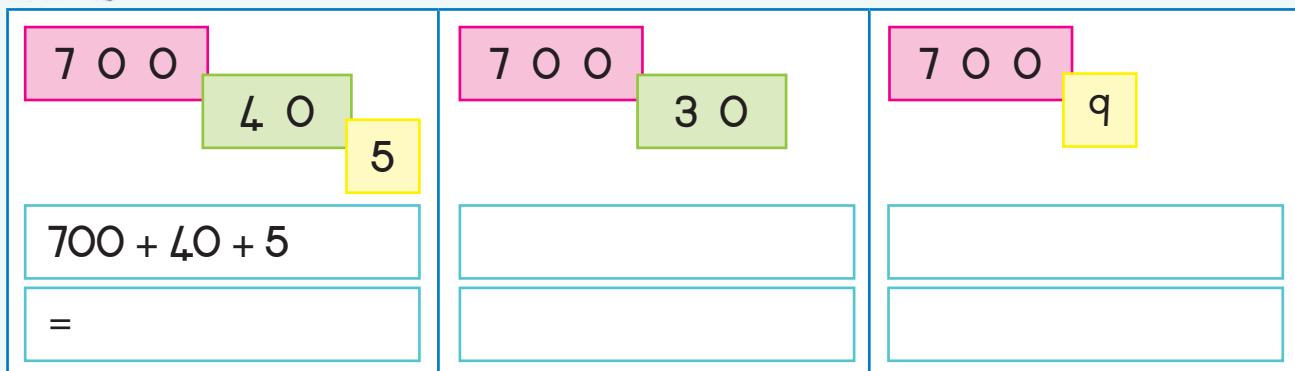
UJabu ubonise oku. Yintoni
angayenzanga kakuhle?



Bhala isivakalisi samanani ulandele ngempendulo.



Bhala isivakalisi samanani ulandele ngempendulo.





Gqibezela lo mgca-manani.

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

Bhala onke amanani angaphantsi kunama-704.

Bhala onke amanani angaphezulu kunama-704.



Bhala <, > okanye =

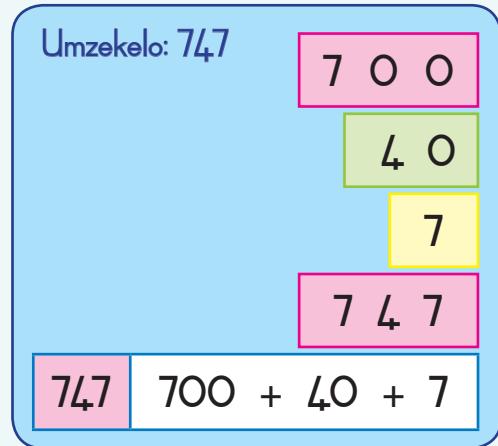


Cazulula inani lakho.

a. Yakha inani ngalinye ngamakhadi akho.

b. Bhala ixabiso lenani ngalinye. Yenza oku: Cazulula inani lakho.

750	
728	
703	
730	
749	



Bhala amanani ngamagama.

714	
750	
742	
738	
704	

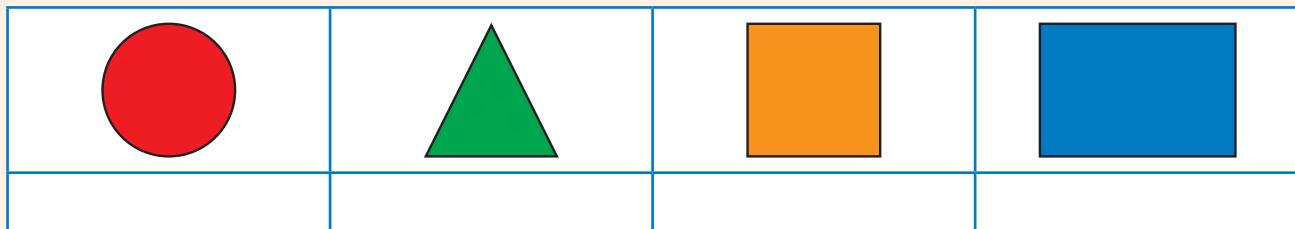
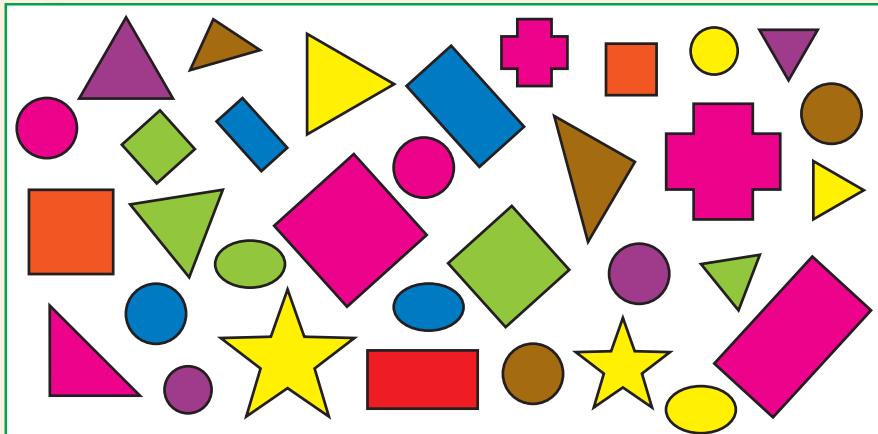




Xela ukuba le
milo inecala elithe
tye okanye
elingqukuva



Xela ukuba ingaba le milo inecala elithe tye okanye
linesiphelo esingqukuva.



Zingaphi iimilo
onokuzizoba ezinamacala
athe tye.



Funa imifanekiso

Funa iimilo ezineziphelo ezithe tye
uze uzincamatelise apha.

Funa iimilo ezineziphelo ezingqukuva
uze uzincamatelise apha.

--	--



Gqibezela oku:

Zoba	Zoba imilo kwiindawo ezahlukeneyo
Unxantathu	
Uxande	
Isikwere	



Gqibezela itheyibhile

Xela imilo	Zoba imilo engu-s encinci.	Zoba imilo engu-s enkulu.



Funa izikwere, oonxantathu, iingxande kunye nezangqa
ezinobukhulu obahlukeneyo kwiiimagazini okanye
kumaphephanda.

Zincamatelise apha.



Teacher:
Sign:
Date:

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Ikota 3

Ukudibanisa nokuthabatha ukuya kuma-800



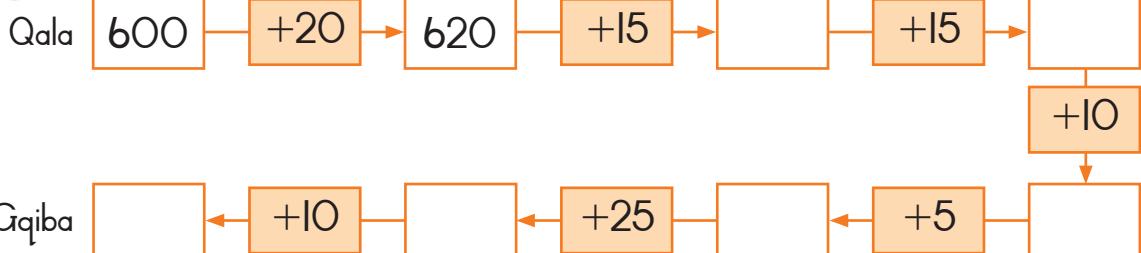
Ndingathenga ntoni ngama-R500?

Yejiphi kwezi zinto
endinokuyithenga
ngama-R500?



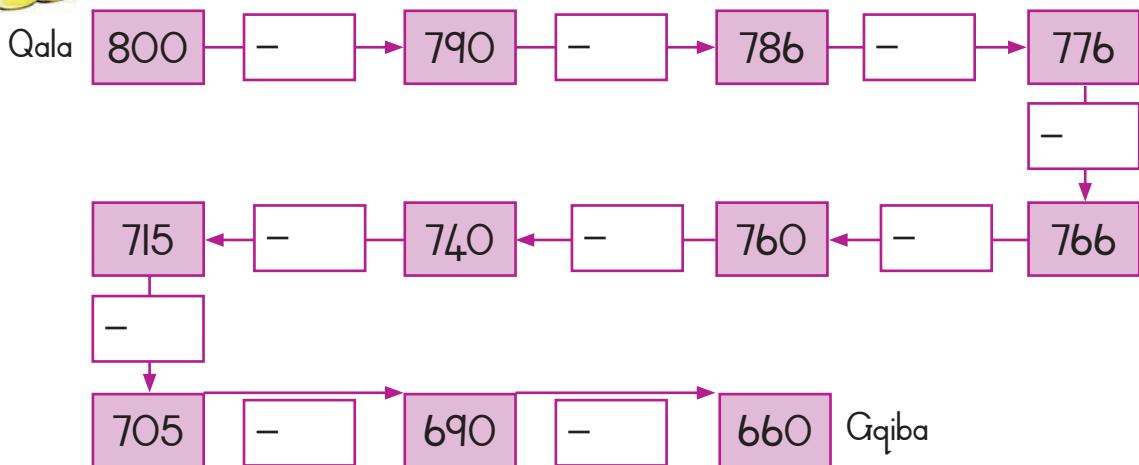
Dibanisa usuke kuma-600.

Bhala amanani angekhoyo.



Bala ubuye umva usuke kuma-800.

Bhala "utshintsho" kwixesha ngalinye.





 Bala:

$725 + 53 =$

$664 + 87 =$

$564 + 132 =$

$75 + 717 =$



Bala:

uZama uqokelele amapetyu angama-525.

Ukuba uSipho umnike angama-205 ngaphezulu, uZama uya kuba namapetyu alingana nakaSipho.

- a. Baza kuba namapetyu amangaphi bebocabini?
- b. USipho ebenamapetyu amangaphi?

- a.
- b.



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Okunye ukudibanisa nokuthabatha ukuya kuma-800

Ikota 3

Iintsapho zamanani

Singenza iintsapho zamanani. Usapho ngalunye lunamanani amakhulu nenani elinye elincinci. Thatha la manani njengemizekelo, 4, 8 ne-12.

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

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



Fumana iintsapho.

Bhala izivakalisi zamanani ezi-4 kwiqela ngalinye lamanani.

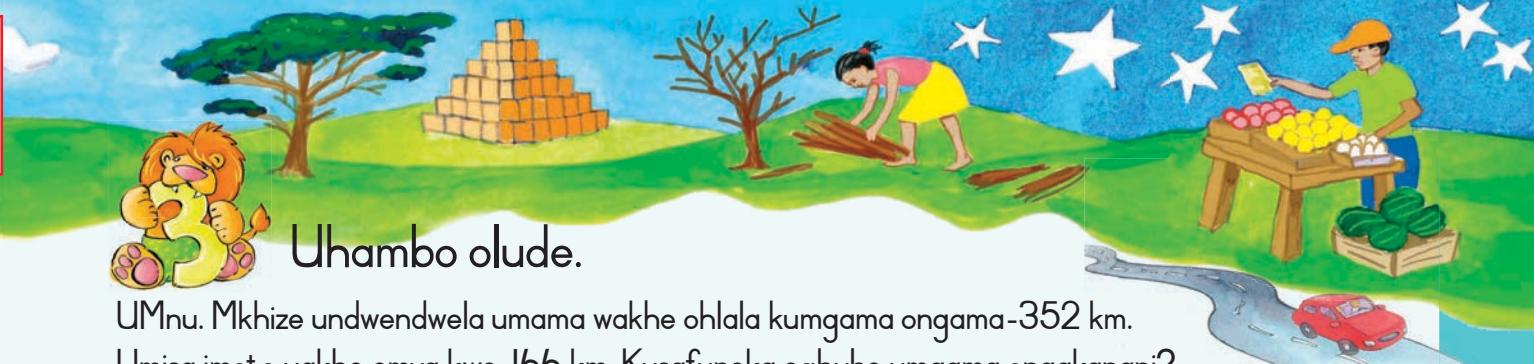
6 8 14				
17 17 34				
25 45 70				
65 335 400				
240 260 500				



Khangela unxulumano.

Kulo msetyenzana siza kuchaza ipatheni.

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



Uhambo olude.

UMnu. Mkhize undwendwela umama wakhe ohlala kumgama ongama-352 km.

Umisa imoto yakhe emva kwe-166 km. Kusafuneka eqhuba umgama ongakanani?

UKumi wenza oku:	UPhumla ubhala ngolu hlobo:
$352 - 166$ $+4 \quad +30 \quad +100 \quad +52$ $30 + 4 + 100 + 52$ $= 134 + 52 = 186 \text{ km}$	$352 - 166$ $= 300 + 50 + 2$ $- 100 + 60 + 6$ $= 300 + 40 + 12$ $- 100 + 60 + 6$ $= 200 + 140 + 12$ $- 100 + 60 + 6$ $= 100 + 80 + 6$ $= 186 \text{ km}$
UMBali wenza oku:	UPeter wenza oku:
$352 - 166$ $166 + 100 \rightarrow 266 + 34 \rightarrow 300 + 52 \rightarrow 352$ $100 + 34 + 52 = 134 + 52 = 186 \text{ km}$	$352 - 166$ $= 352 - 100 - 66$ $= 252 - 66$ $= 252 - 52 - 14$ $= 200 - 14$ $= 186 \text{ km}$
UVeronica wenza oku:	ULEbo ucinga ngeziphindwa kabini nangeziqingatha:
$352 - 166$ $352 - 152 = 200$ $200 - 14 = 200 - 10 - 4$ $= 190 - 4$ $= 186 \text{ km}$	Isiqingatha sama-352 li-176. Kodwa kufuneka ndithathe i-166 kuperha, ngoko ke ndongeza emva koko i-10. $176 + 10 = 186 \text{ km}$
Thetha ngezi ndlela zahlu kileyo. Yeyiphi oyikhethayo? Ngoba kutheni?	



Sombulula la maqhina kwiphepha elilodwa:

Sebenzisa nokuba yeyiphi kwezi ndlela zingentla.

$746 - 328$

$800 - 499$



Ukudibanisa nokuthabatha ukuya kuma-800 kwakhona

Ikota 3



Zenzele ezakho iintsapho zamanani.

Umsetyenzana wokuzilungiselela.

8 9 17

5 12 17

Umzekelo: Yenza i-17



$$5 + 12 = 17$$

$$12 + 5 = 17$$

$$17 - 12 = 5$$

$$17 - 5 = 12$$

$$8 + 9 = 17$$

$$9 + 8 = 17$$

$$17 - 9 = 8$$

$$17 - 8 = 9$$



Kwinani ngalinye elingeantsi, khetha amanye ama-2 wenze usapho.

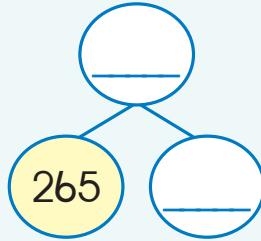
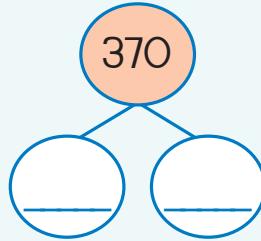
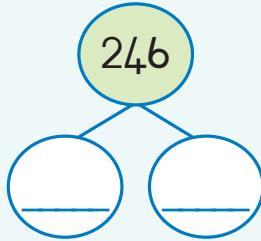
Bhala izivakalisi zamanani zibe-4 (ezibini + nezibini –) kusapho lwamanani ngalunye.

Khangela!
Thelekisa! Lungisa!

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



Khangela iziphindwa kabini neziqingatha ezishiyiweyo.





Ukwahlula kubini ukuze uthabathe.

Ukuba uyzazi iziqingatha zakho neziphindwa kabini, ungakwazi ukuzisebenzisa ekudibaniseni nasekuthabatheni.

Imizekelo:

$$34 - 18 = 16$$

$$34 - 17 = 17$$

$$17 - 1 = 16$$

$$190 - 97$$

$$190 - 95 = 95$$

$$95 - 2 = 93$$

$$65 + 69$$

$$65 + 65 = 130$$

$$130 + 4 = 134$$

$$242 + 249$$

$$= 242 + 242 + 7$$

$$= 484 + 7$$

$$= 491$$

Zama oku:

$$340 - 176$$

$$145 + 148$$

$$900 - 452$$



Qaphela ezi ndlela.

Abantwana abangama-256 bafumana isipho seKrisimesi umntwana ngamnye. Isiqingatha sifumana oonodoli ze esinye isiqingatha sifumane iimoto. Bangaphi abafumene iimoto?

Indlela yoku-1	Indlela yesi-2
$256 = 200 + 50 + 6$ → Isiqingatha sama-200 li-100 → Isiqingatha sama-50 ngama-25 → Isiqingatha sesi-6 sisi-3 $100 + 25 + 3 = 128$ → Isiqingatha sama-256- li-128 Ngoko ke i-128 lifumana iimoto.	→ Isiqingatha sama-250 = 125 → Isiqingatha sesi-6 sisi-3 $125 + 3 = 128$ → Isiqingatha sama-256 li-128, ngoko li-128 elifumana iimoto.



Sombulula la maqhina kwiphepha elilodwa:

Sebenzisa nokuba yeyiphi kwezi ndlela zingasentla.

Umntwana ngamnye kwabangama-728 ufumana into yokudlala kwivenkile yokutyla. Isiqingatha sabo sifumana iibloko zokwakha. Bangaphi abafumana iibloko zokwakha?

Umntwana ngamnye kwabangama-642 ufumana imafini. Isiqingatha sabo sifumana iimafini ezinetshokolethi. Bangaphi abantwana abafumana iimafini ezinetshokolethi?



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Umhla:

Iipatheni zamanani:

amashumi ukuya kuma-800

Ikota 3



Ungathini ngamanani akwiibloko ezinombala?

Bala amashumi ukusuka kuma-710 ukuya kuma-800.

Leliphi inani elilandela ama-720 xa ubala ngamashumi?

Bala ubuye umva ngamashumi ukusuka kuma-800 uye kuma-710.

Leliphi inani eliphambi kwama-760 xa ubala ubuya umva?

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



Gqibezenza izivakalisi zamanani.

720; 730; 740; _____ ; _____ ; _____

800; 790; 780; _____ ; _____ ; _____



Dibanisa okanye uthabathe ishumi.

I. Dibanisa ishumi kwinani olinikiweyo. Sikwenzele eyokuqala.

$$a. 767 + 10 = 777$$

b. 762 _____

c. 783 _____

d. 756 _____

e. 714 _____

f. 799 _____



2. Thabatha ishumi kwinani olinikiwego. Sikwenzele eyokuqala.

a. $767 - 10 = 757$

b. 762

c. 783

d. 756

e. 714

f. 799

3. Kwenzeka ntoni xa uthabatha okanye udibana ishumi kula manani angentla?



Jonga izangqa ezibomvu kwibhodi yamanani.

a. Uqaphela ntoni ngezi zangqa? _____

b. Yandisa ezi zivakalisi zamanani zilandelayo:

704; 714; 724; _____ ; _____ ; _____

782; 772; 762; _____ ; _____ ; _____

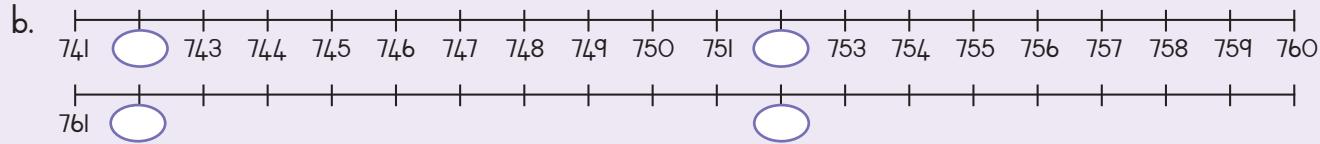
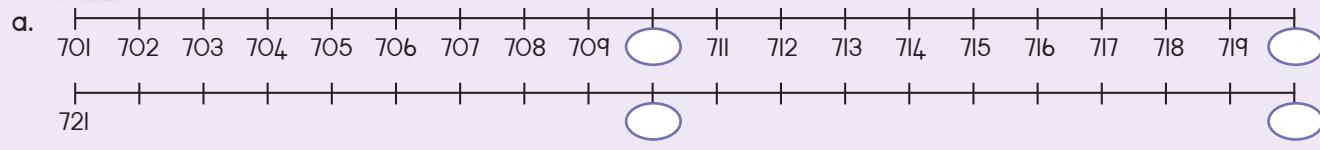
715; 725; 735; _____ ; _____ ; _____

737; 747; 757; _____ ; _____ ; _____

799; 789; 779; _____ ; _____ ; _____



Bhala inani elichanekileyo kwisangqa esikule migca-manani.



Ndinenani elinamanani amathathu.



Inani lokuqala sisi-7, elilandelayo likhulu ngononye kunesixhenxe, ze elokuqqibela libenganeno ngononye kunesixhenxe.

Ukuba ubala uye phambili ngamashumi ukusuka kweli nani, iya kuba ngubani eli nani?



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Ukuwezela kumashumi

Ikota 3

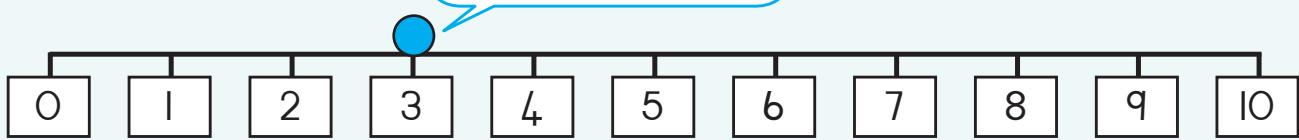
Onke amanani ukusuka kwisi-4
ukubuya umva aya kuwezelwa ku-O.

Onke amanani ukusuka kwisi-5
ukubheka phambili aya kuwezelwa kwi-IO

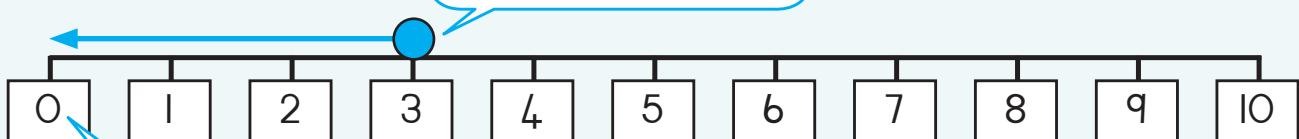


Masithetho.

Jonga inani-3 kumgca-manani.



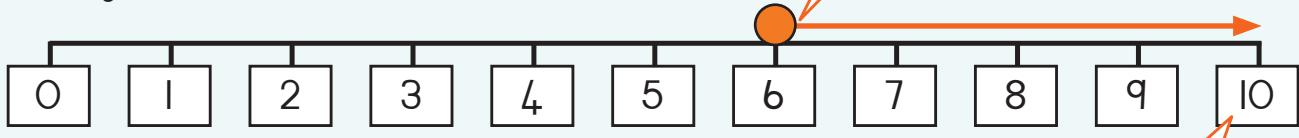
Liya kuba leliphi inani xa liweziwe?



Isi-3 esiwelwe kwishumi elikufuphi
siya kuba ngu-O.

Xa isi-6 siwezelwe kwi-IO elikufuphi siya
kuba leliphi inani?

Yenza njalo nakwezi:

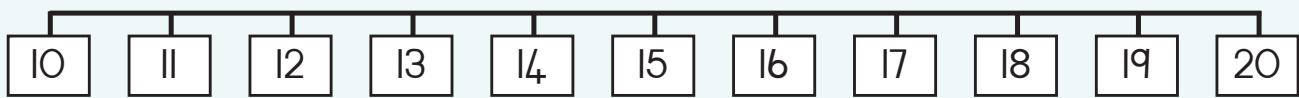


Impendulo li-IO..

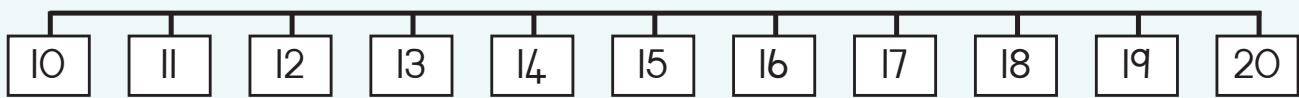


Wezela kwi-IO elikufuphi.

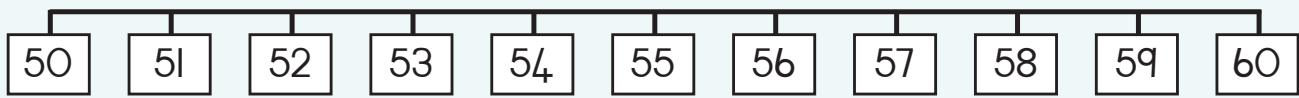
i-12 eliweziweyo likunika _____



i-19 eliweziweyo likunika _____



Ama-53 aweiwego akunika _____



Ama-58 aweiwego akunika _____



Sebenzisa imigca-manani ikuncede usondeze kwelona 10 lisondeleyo.

a. 46

46

50

40

41

42

43

44

45

46

47

48

49

50

Liphakathi kwawaphi amashumi
amabini eli nani: 46?

b. 63

Liphakathi kwawaphi amashumi
amabini eli nani: 63?

c. 37

Liphakathi kwawaphi amashumi
amabini eli nani: 37?

d. 99

Liphakathi kwawaphi amashumi
amabini eli nani: 99?



UTom unama-R48,00.



Unepakethe yamakhasi exabisa ii-R5,00.

Zingaphi iipakethe zamakhasi anokuzithenga ngama-R48,00? _____



Uphinda-phindo: izihlanu ukuya kuma-75

Ikota 3

Yintoni efumaneka ngezihlanu?

Iminwe ekwisandla esinye.



Mingaphi iminwe:

kwizandla ezi-2?

kwizandla ezi-3?

kwizandla ezi-4?

kwizandla ezi-5?

kwizandla ezi-6?

kwizandla ezisi-7?

kwizandla ezisi-8?

kwizandla ezili-9?

kwizandla ezili-10?

Tshatisa isiphumo ngasinye nombuzo ongasekhohlo:

$$9 \times 5 = 45$$

$$7 \times 5 = 35$$

$$\textcolor{red}{2} \times 5 = 10$$

$$4 \times 5 = 20$$

$$3 \times 5 = 15$$

$$5 \times 5 = 25$$

$$10 \times 5 = 50$$

$$6 \times 5 = 30$$

$$8 \times 5 = 40$$

Gqibezela le theyibhile.

Amaqela	Phinda-phinda	Ukwabelana	Yahlula
Amaqela ama-2 ezi 5	$2 \times 5 = 10$	Yaba i- 10 phakathi kwaba-5	$10 \div 5 = 2$
Amaqela asi-7 ezi-5		Yaba ama-35 phakathi kwaba-5	
Amaqela ama-2 ezi-5		Yaba ama-60 phakathi kwaba-5	
Amaqela ama-5 ezi-5		Yaba ama-75 phakathi kwaba-5	



Gqibezela le theyibhile.

Ukwabelana	Ukwabelana
Yaba ezili-12 phakathi kwaba- 5	$12 \div 5 = 2$ intsalela 2
Yaba ezingama- 64 phakathi kwaba-5	
Yaba ezingama- 39 phakathi kwaba-5	
Yaba ezingama- 73 phakathi kwaba-5	



Gqibezela izazobe zesigcawu.

esikufakayo

II
I2
I3
I4
I5

isiphumo

esikufakayo

5
I0
I5
25
30

isiphumo

esikufakayo

I6
I7
I8
I9
I0

isiphumo

esikufakayo

55
60
65
70
75

isiphumo



Gqibezela ezi theyibhile zingezantsi:

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

x	II	I2	I3	I4	I5	I6	I7	I8	I9	I0
5										

Uzifumene njani iimpendulo ekufuneka zibhalwe kwibloko ezizuba?



Bala oku:

Umama uthenge iipaketha zeelekese ezixabisa ama-R70. Uhlawule ii-R5 ngepaketha enye. Zingaphi iipaketha zeelekese azithengileyo?



79

Umhla:

Tipatheni zamanani: izihlanu ukuya kuma-800

Ikota 3



Ungathini ngamanani akwibloko eorenji?

Bala izihlanu ukusuka kuma-705 ukuya kuma-800.

Leliphi inani eliza emva kwama-720 xa ubala ngezihlanu?

Bala ngezihlanu ubuye umva ukusuka kuma-800 uye kuma-705.

Leliphi inani eliza phambi kwama-730 xa ubala ubuya umva?

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



Gqibezenza ezi zivakalisi zamanani.

725; 730; 735; _____ ; _____ ; _____

800; 795; 790; _____ ; _____ ; _____



Dibanisa okanye thabatha isihlanu.

a. $760 + 5 = 765$

I. Dibanisa isihlanu kwinani olinikiweyo. Sikwenzele eyokuqala.

b. 725 _____

c. 780 _____

d. 755 _____

e. 715 _____

f. 790 _____



2. Thabatha isihlanu kwinani olinikiwego. Sikwenzelele eyokuqala.

a. $765 - 5 = 760$

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

3. Kwenzeka ntoni xa udibanaisa okanye uthabatha isihlanu kumanani angasentla?



Jonga izangqa ezibomvu kwibhodi yamanani.

a. Uqaphela ntoni ngezi zangqa? _____

b. Yandisa la manani alandeelanayo:

703; 708; 723; _____ ; _____ ; _____

722; 727; 732; _____ ; _____ ; _____

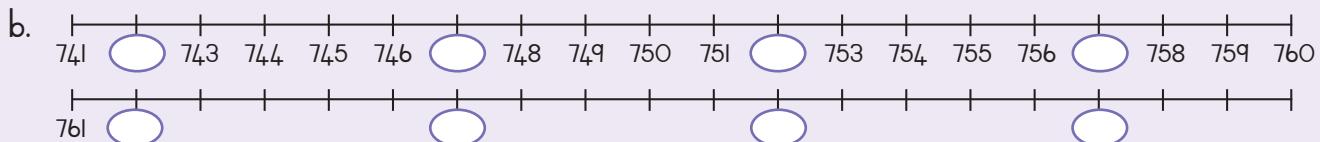
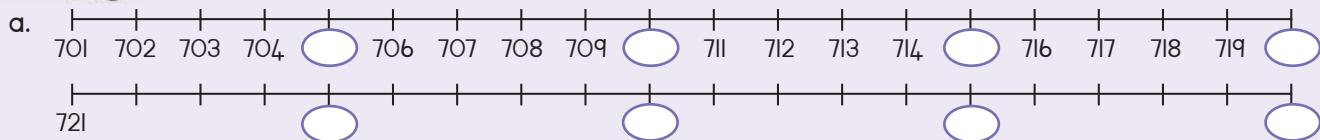
753; 758; 763; _____ ; _____ ; _____

714; 719; 724; _____ ; _____ ; _____

701; 706; 711; _____ ; _____ ; _____



Bhala inani elichanekileyo kwisangqa ngasinye esikule migca-manani.



Ndinenani elinamanani amathathu.

Inani lokuqala sisi-7, elilandelayo lingaphezulu ngononye kwisixhenxe, ze inani lokugqibela libe ngaphantsi ngesihlanu kunesixhenxe.



Ukuba uya phambili ngezihlanu ukusuka kweli nani, iya kuba leliphi elo nani?

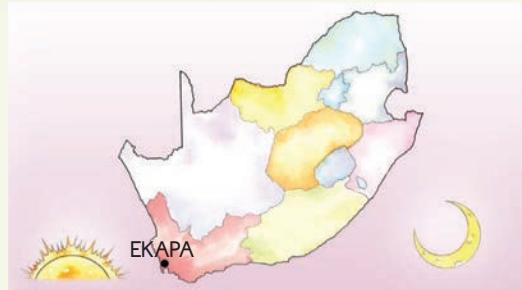


Teacher: Sign:
Date:



EKapa

Le theyibhile ingezantsi ibonisa ixesha eliphuma nelitshona ngalo ilanga ngamaxesha ahlukeneyo enyakeni eKapa. Funda amaxesha akwitheyibhile uze ugqibezele itheyibhile phambi kokuba uphendule imibuzo engezantsi.



EKapa	Ukuphuma kwelanga	Ukutshona kwelanga	Ubude bemini	Ubude bobusuku
23 kweyoKwindla	6:53 kusasa	6:53 ngokuhlwa		
21 kweyeSilimela	7:51 kusasa	5:44 ngokuhlwa		
19 kweyoMsintsi	6:41 kusasa	6:41 ngokuhlwa		
22 kweyoMnga	5:32 kusasa	7:58 ngokuhlwa		

- a. Kukweziph iinyanga qpho ubude bemini nobobusuku bulinganayo? _____

b. Yeyiphi inyanga enezona mini zinde? _____

c. Yeyiphi inyanga enezona mini zimfutshane? _____

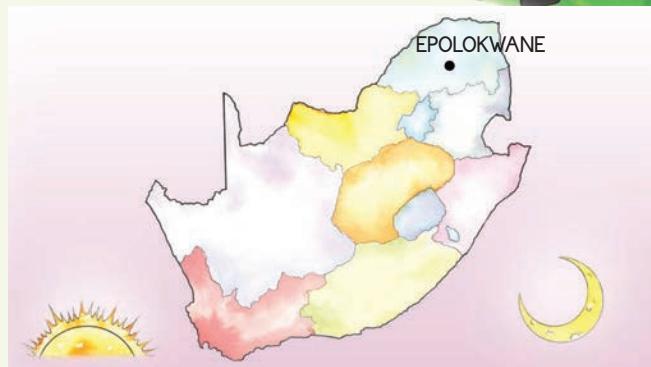
d. Fumana umahluko ngokweeyure nemizuzu phakathi kweyona mini inde neyona imfutshane.

e. Funa ubude bosuku nobobusuku kumhla ngamnye kule theyibhile ingentla. _____



ePolokwane

Le theyibhile ibonisa ixesha lokuphuma nelokutshona kwelanga kumaxesha ahlukeneyo onyaka ePolokwane. Funda amaxesha akwitheyibhile uze ugqibezele itheyibhile phambi kokuphendula imibuzo engezantsi.



ePolokwane	Ukuphuma kwelanga	Ukutshona kwelanga	Ubude bemini	Ubude bobusuku
25 kweyoKwindla	6:08 kusasa	6:08 ngokuhlwa		
21 kweyeSilimela	6:44 kusasa	5:24 ngokuhlwa		
17 kweyoMsintsi	5:57 kusasa	5:57 ngokuhlwa		
22 kweyoMnga	5:13 kusasa	6:50 ngokuhlwa		

- Kukweziphi iinyanga apho ubude bemini nobobusuku bulinganayo? _____
- Kukweziphi inyanga kwezi apho ubude bemini bulinganayo eKapa nasePolokwane? _____
- Kukweziphi iinyanga apho zahluyleyo? _____
- Bala umahluko ngokweeyure nemizuzu phakathi kweyona mini inde neyona imfutshane. _____
- Funa **ubude bosuku** nobobusuku kumhla ngamnye kule theyibhile ingentla. _____



Cela umntu akuncede ufumane amaxesha okuphuma nawokutshona kwelanga kwindawo ohlala kuyo. Wabhale phantsi kwiveki enye. Ingaba iimini ziba nde okanye ziba mfutshane?





Ukuphinda-phinda: ngezibini ukuya kuma-75

Yintoni efumaneka
ngezibini?
Isibini sezihlangu.



Zingaphi izihlangu

- kwisibini esi-1 sezihlangu?**
- kwizibini ezi-2 zezihlangu?
- kwizibini ezi-3 zezihlangu?
- kwizibini ezi-4 zezihlangu?
- kwizibini ezi-5 zezihlangu?
- kwizibini ezi-6 zezihlangu?
- kwizibini ezi-7 zezihlangu?
- kwizibini ezi-8 zezihlangu?
- kwizibini ezi-9 zezihlangu?
- kwizibini ezi-10 zezihlangu?

Tshatisa isibalo nombuzo
ongasekhohlo:

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

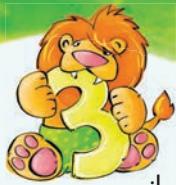
Gqibeza itheyibhile.

Ukubeka ngokwamaqela	Phinda-phinda	Ukwaba	Yahlula
amaqela ali-10 ezi-2	$10 \times 2 = 20$	Yaba ama-20 phakathi kwesi-2	$20 \div 2 = 10$
amaqela ali-15 ezi-2		Yaba ama-30 phakathi kwesi-2	
amaqela angama-20 ezi-2		Yaba ama-40 phakathi kwesi-2	
amaqela angama-35 ezi-2		Yaba ama-70 phakathi kwesi-2	



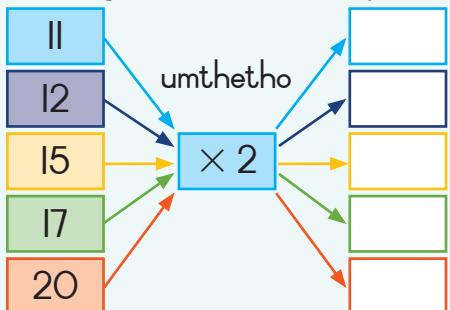
Gqibeza itheyibhile.

Ukwaba	Yahlula
Yaba ama-21 phakathi kwesi-2	$21 \div 2 = 10$ kusala u-1
Yaba ama-33 phakathi kwesi-2	
Yaba ama-67 phakathi kwesi-2	
Yaba ama-75 phakathi kwesi-2	



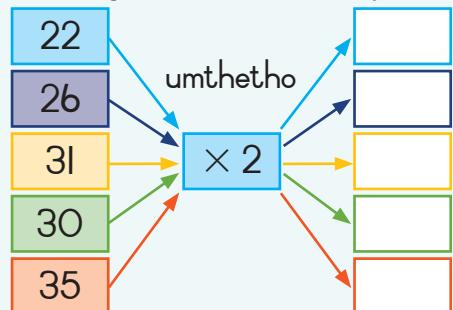
Gqibezela izazobe zesigcawu.

esikufakayo



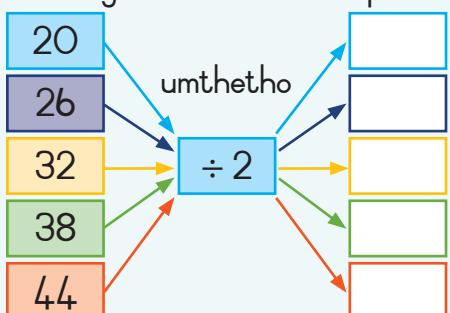
isiphumo

esikufakayo



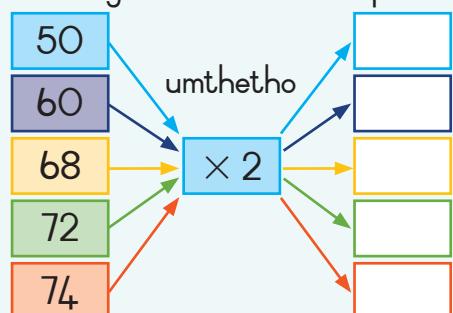
isiphumo

esikufakayo



isiphumo

esikufakayo



isiphumo



Gqibezela iitheyibhile ezingezantsi:

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

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



Bala okulandelayo:

Ndithenge amabhadi angama-R36 nge-R2.

Ndibhatele ngama-R50, ngama-R20 nange-R5 elukhozo.

Ibjimalini itshintshi yam?



Iipatheni zamanani:

izibini ukuya kutsho kuma-800

Ikota 3



Ungathini ngamanani akwiibloko ezinombala o-orenji?

Bala ngezibini ukususela
kuma-700 ukuya kuma-800. Ngubani inani
elilandela ama-700 xa ubala ngezibini?

Bala ubuye umva ngezihlanu ukususela
kuma-800 ukuya kuma-710. Ngubani oza
phambi kwama-750 xa ubala ngokubuya umva?

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



Gqibeza izibalo zolandelelwano lwamanani.

720; 722; 724; _____ ; _____ ; _____

800; 798; 796; _____ ; _____ ; _____



Dibanisa okanye thabatha zibe mbini.

- I. Dibanisa zibe mbini kwinani olinikiwego.
Sikwenzele isibalo sokuqala.

a. $764 + 2 = 766$

b. 762 _____

c. 783 _____

d. 756 _____

e. 714 _____

f. 799 _____



2. Thabatha ezimbini kwinani olinikiwego. Sikwenzele isibalo sokuqala.

$$a. 764 - 2 = 762$$

b. 762 _____

c. 783 _____

d. 756 _____

e. 714 _____

f. 799 _____

3. Kwenzeka ntoni xa udibanisa okanye uthabatha ezimbini kumanani angasentla?



Jonga izangqa ezizuba kwibhodi yamanani.

a. Uqaphele ntoni kwezi zangqa? _____

b. Yandisa izibalo zolandelwano lwamanani
ezilandayo:

701; 703; 705; _____ ; _____ ; _____
725; 727; 729; _____ ; _____ ; _____

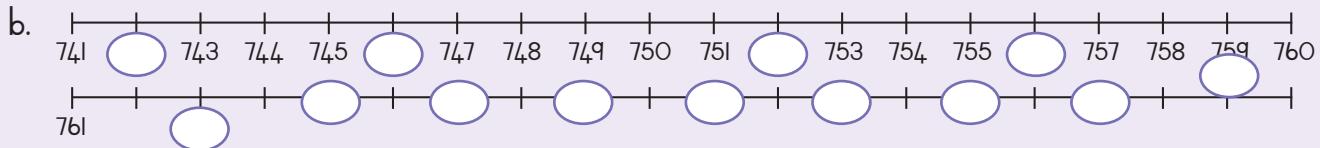
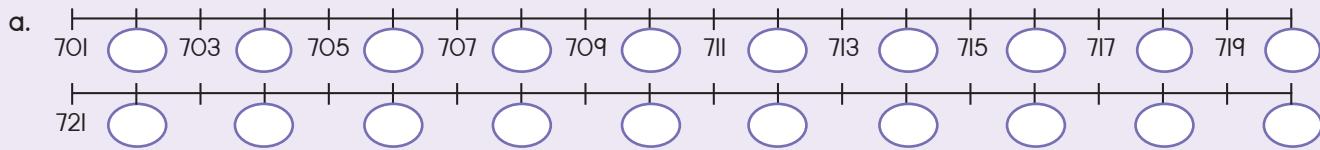
799; 797; 795; _____ ; _____ ; _____

783; 785; 787; _____ ; _____ ; _____

779; 781; 783; _____ ; _____ ; _____



Faka inani elichanekileyo kwisangqa ngasinye kule
migca-manani.



Ndinenani elinamanani
ama-3.



Inani lokuqala sisi-7, inani elilandayo likhulu ngesibini kunesixhenxe,
lize inani lokugqibela libe lincinane ngesine kunesixhenxe. Ukuba ubala
usiya phambili ngezibini ukususela kweli nani, liya kuba ngubani eli nani?



Teacher:
Sign:
Date:

Ukuphinda-phinda: ngezi-2 nangezi-5 uye kuma-75

Ikota 3



Ungakuphendula msinyane kangakanani
oku kulandelayo?

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



Jonga ukuba wenze ntoni
umhlobo wam.

Xoxa ngako.

$$4 \times 2 = 8$$

Umhlobo wam ubonise u- 4×2 ngale ndlela ilandelayo:

Ukubala utsiba	Amaqela alinganayo	Ukudibanisa okuphindwa kaninzi	Imiboniso	Iinyaniso
2, 4, 6, 8	● ● ● ● ● ● ● ●	$2 + 2 + 2 + 2$	xx xx xx xx	$2 \times 4 = 8$ $4 \times 2 = 8$ $8 \div 4 = 2$ $8 \div 2 = 4$

Ngoku yenzo njalo nawe ngezi $4 \times 5 = 20$.

Ukubala utsiba	Amaqela alinganayo	Ukudibanisa okuphindwa kaninzi	Imiboniso	Iinyaniso



Phinda-phinda oku kulandelayo:

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



Bala okulandelayo:

Ndithenge iilekese ezili-14, ezixabisa ii-R3 inye.

Umhlobo wam uthenge iilekese ezili-12, ngee-R5 inye.

Sihlawule malini idibene ukuthenga ezi lekese?



Ukuphinda-phinda: izithathu ukuya kuma-75

Yintoni efumaneka
ngezithathu?
Amavili eetrayisikili.



Mangaphi amavili
kwitrayisikili e-1
kwitrayisikili ezi-2?
kwitrayisikili ezi-3?
kwitrayisikili ezi-4?
kwitrayisikili ezi-5?
kwitrayisikili ezi-6?
kwitrayisikili ezisi-7?
kwitrayisikili ezisi-8?
kwitrayisikili ezili-9?
kwitrayisikili ezili-10?

Tshatisa isibalo nombuzo
ongasekhohlo:

$$\begin{aligned} 9 \times 3 &= 27 \\ 7 \times 3 &= 21 \\ 2 \times 3 &= \textcolor{orange}{6} \\ 4 \times 3 &= 12 \\ 3 \times 3 &= 9 \\ 5 \times 3 &= 15 \\ 1 \times 3 &= 3 \\ 10 \times 3 &= 30 \\ 6 \times 3 &= 18 \\ 8 \times 3 &= 24 \end{aligned}$$

Gqibeza itheyibhile

Ukubekwa ngamaqela	Phinda-phinda	Ukwaba	Yahlula
Amaqela ali-11 ezi-3	$11 \times 3 = \textcolor{red}{33}$	Yaba ama-33 phakathi kwesi-3	$33 \div 3 = 11$
Amaqela ali-15 ezi-3		Yaba ama-45 phakathi kwesi-3	
Amaqela angama-25 ezi-3		Yaba ama-60 phakathi kwesi-3	
Amaqela ali-12 ezi-3		Yaba ama-36 phakathi kwesi-3	



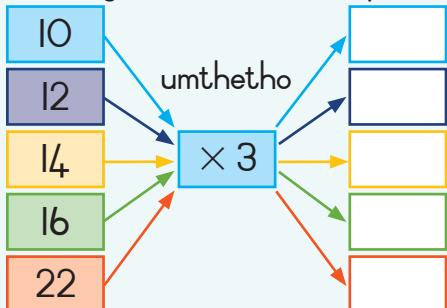
Gqibeza itheyibhile

Ukwaba	Yahlula
Yaba ama-37 phakathi kwesi-3	$37 \div 3 = 12 \text{ kusala } 1$
Yaba ama-74 phakathi kwesi-3	
Yaba ama-49 phakathi kwesi-3	
Yaba ama-68 phakathi kwesi-3	

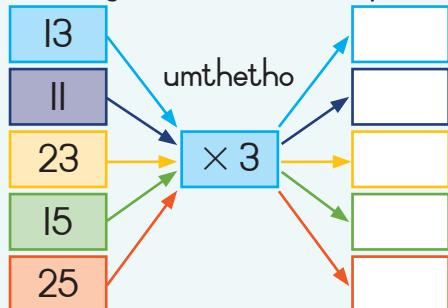


Gqibezele izazobe zesigcawu.

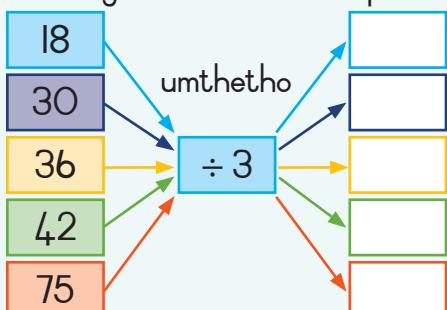
esikufakayo



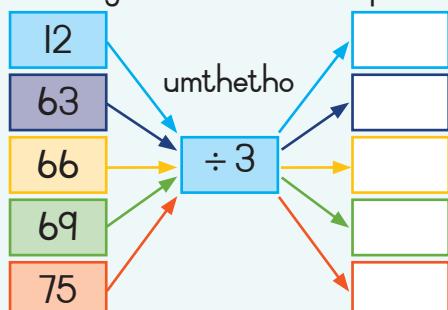
esikufakayo



esikufakayo



esikufakayo



Gqibeza iitheyibhile ezingezantsi:

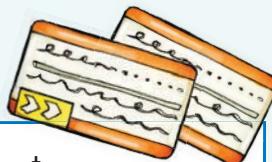
\times	1	2	3	4	5	6	7	8	9	10	II	I2	I3	I4	I5
4	3	6													

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

Uzifumanise njani iimpendulo ezikwiibloko ezinombala ozuba?



Bala okulandelayo:



Imali yokungena yayizii-R3 ngomntwana ngamnye kwaza kwangena abantwana abangama-23 epakini. Babhatele malini bebonke?



Ukuphinda-phinda ngezi-2,

ngezi-3 nangezi-4 ukuya kuma-75



Ungakuphendula msinyane kangakanani oku kulandelayo?

Ikota 3

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



Jonga okwenziwe ngumhlobo wam.

$$5 \times 2 = 10$$

Xoxani ngako.

Ndiqale ukubonisa u- 5×2 ngale ndlela:

Ukubala utsiba	Amaqela alinganayo	Ukudibanisa okuphindwa kaninzi	Izintlu	Tinyaniso
2, 4, - - -	● - - -	2 + - - -	Imigca yesi-2 xx	$2 \times - = -$ $4 \times - = -$ $- \div - = -$ $- \div - = -$

Yenza oku ngo- $8 \times 3 = 24$.

Ukubala utsiba	Amaqela alinganayo	Ukudibanisa okuphindwa kaninzi	Izintlu	Tinyaniso

$6 \times 4 = 24$

Ukubala utsiba	Amaqela alinganayo	Ukudibanisa okuphindwa kaninzi	Izintlu	Tinyaniso



Yahlula uze uvavanye impendulo yakho.

$$63 \div 3$$

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

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

$$= 20 + 1$$

$$= 21$$

$$21 \times 3$$

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

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

$$= 60 + 3$$

$$= 63$$

a. $48 \div 5$

b. $64 \div 5$



Bala okulandelayo:

Mna nabahlobo bam sinama-R63 iyonke.

Sifuna ukwabelana ngayo ngokulinganayo phakathi kwethu sobathathu.

Uza kufumana malini emnye?



Teacher:
Sign:
Date:

Tipatheni zamanani: izithathu ukuya kuma-800



Ungathini ngamanani akwiibloko ezinombala o-orenji?

Bala ngezithathu ukusuka kuma-703 ukuya kuma-799. Ngubani inani elilandela ama-745 xa ubala ngezithathu?

Bala ubuye umva ngezihlanu ukusuka kuma-799 ukuya kuma-703. Ngubani inani elikhokela ama-766 xa ubala ngokubuya umva?

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



Gqibeza izibalo zolandelelwano lwamanani.

703; 706; 709; _____ ; _____ ; _____

799; 796; 793; _____ ; _____ ; _____



Dibanisa okanye thabatha ezintathu.

a. $766 + 3 = 769$

- I. Dibanisa zibe ntathu kwinani olinikweyo. Sikwenzele eyokuqala.

b. 766 _____

c. 783 _____

d. 756 _____

e. 713 _____

f. 790 _____



2. Thabatha ezintathu kwinani olinikiwego. Sikwenzele isibalo sokuqala.

$$a. 766 - 3 = 763$$

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

3. Kwenzeka ntoni xa udibanisa okanye uthabatha ezintathu kumanani angasentla?



Jonga izangqa ezizuba kwibhodi yamanani.

a. Uqaphela ntoni ngezi zangqa? _____

b. Yandisa izibalo zolandelayo lwamanani

ezilandelayo:

704; 707; 710; _____ ; _____ ; _____

773; 776; 779; _____ ; _____ ; _____

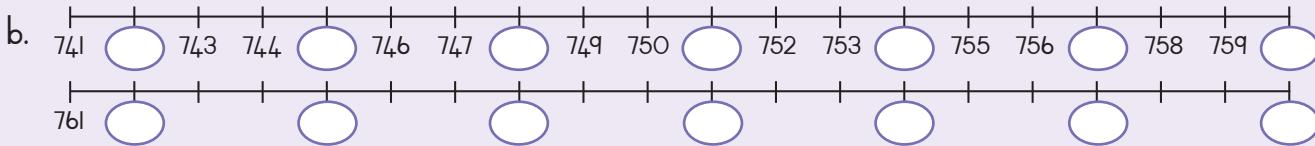
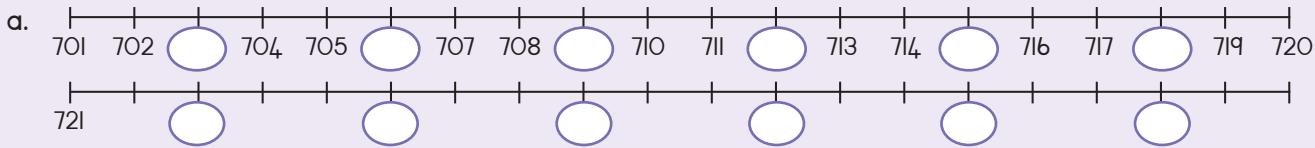
779; 776; 773; _____ ; _____ ; _____

782; 785; 788; _____ ; _____ ; _____

779; 782; 785; _____ ; _____ ; _____



Faka inani elichanekileyo kwisangqa ngasinye kule migca-manani.



Ndinenani elinamanani ama-3:



Inani lokuqala sisi-7, inani elilandelayo likhulu ngesibini kunesixhenxe, lize inani lokugqibela libe lincinane ngesixhenxe kunesixhenxe.

Bala ngezithathu usiya phambili ukusuka kweli nani. Ufumana eliphi inani?



Teacher:
Sign:
Date:

Ukuphinda-phinda: ngezine ukuya kuma-75

Ikota 3

Yintoni efumaneka
ngezine?

Amavili emoto?



Gqibezela itheyibhile.

Mangaphi amavili alapha

Imoto e-I?

Imoto ezi-2?

Imoto ezi-3?

Imoto ezi-4?

Imoto ezi-5?

Imoto ezi-6?

Imoto ezi-7?

Imoto ezi-8?

Imoto ezili-9?

Imoto ezili-10?

Tshatisa isibalo nombuzo
ongasekhohlo:

$$9 \times 4 = 36$$

$$7 \times 4 = 28$$

$$\textcolor{orange}{2} \times \textcolor{orange}{4} = \textcolor{orange}{8}$$

$$4 \times 4 = 16$$

$$3 \times 4 = 12$$

$$5 \times 4 = 20$$

$$1 \times 4 = 4$$

$$10 \times 4 = 40$$

$$6 \times 4 = 24$$

$$8 \times 4 = 32$$

Ukubeka ngokwamaqela	Phinda-phinda	Ukwaba	Yahlula
Amaqeli ali-12 ezi- 4	$12 \times 4 = \textcolor{red}{48}$	Yaba ama- 48 phakathi kwesi-4	$\textcolor{red}{48} \div 4 = 12$
Amaqeli ali-16 ezi-4		Yaba ama- 64 phakathi kwesi-4	
Amaqeli ali-18 ezi-4		Yaba ama- 72 phakathi kwesi-4	
Amaqeli ali-15 ezi-4		Yaba ama- 60 phakathi kwesi-4	



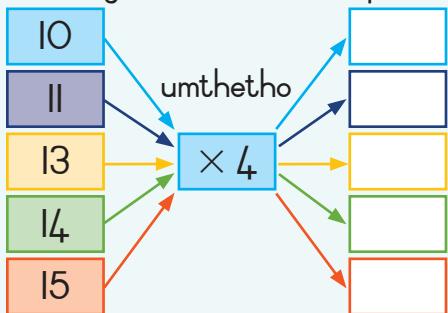
Gqibezela itheyibhile:

Ukwaba	Yahlula
Yaba ama-35 phakathi kwesi-4	$35 \div 4 = 8$ kusala isi- 3
Yaba ama-55 phakathi kwesi-4	
Yaba ama-70 phakathi kwesi-4	
Yaba ama-75 phakathi kwesi-4	



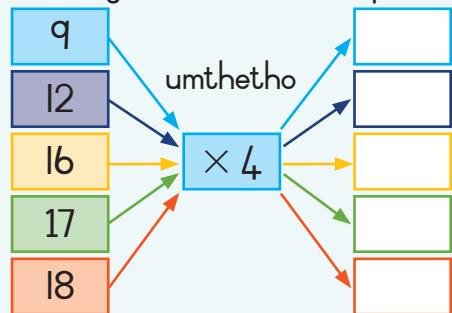
Gqibezela izazobe zesigcawu.

esikufakayo



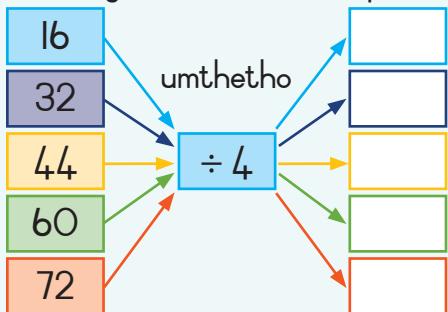
isiphumo

esikufakayo



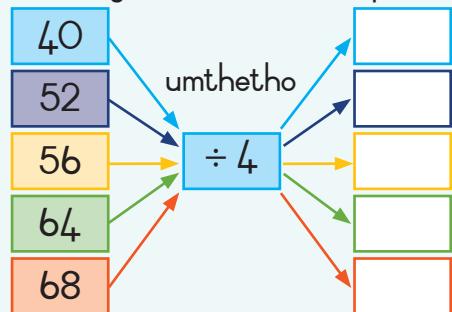
isiphumo

esikufakayo



isiphumo

esikufakayo



isiphumo



Gqibezela iitheyibhile ezingeantsi:

\times	1	2	3	4	5	6	7	8	9	10	II	I2	I3	I4	I5
4															

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

Uzifumene njani iimpendulo ezikwiibloko ezinombala ozuba?



Bala okulandelayo:

Ndinama-R75.

Zingaphi izipho zepati endinokuzithenga nge-R4?





Iipatheni zamanani: Izine ukuya kuma-800

Umhla:

Ikota 3



Ungathini ngamanani akwiibloko ezi-orenji?

Bala ngezine ukususela kuma-704 ukuya kuma-800. Leliphi inani elilandela ama-736 xa ubala ubuya umva ngezine?

Bala ubuye umva ngezine ukususela kuma-800 ukuya kuma-704.

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



Gqibezele izibalo zolandelelwano lwamanani

704; 708; 712; _____; _____; _____	724; 728; 732; _____; _____; _____
------------------------------------	------------------------------------



Dibanisa okanye thabatha zibe ne

a. $764 + 4 = 768$

- i. Dibanisa zibe ne kwinani olinikiweyo. Sikwenzele isibalo sokuqala.

b. 764 _____	c. 788 _____	d. 754 _____	e. 718 _____	f. 794 _____
--------------	--------------	--------------	--------------	--------------



2. Thabatha ezine kwinani olinikiwego. Sikwenzele isibalo sokuqala.

$$a. 764 - 4 = 760$$

b. 768

c. 784

d. 752

e. 714

f. 798

3. Kwenzeka ntoni xa udibanaisa okanye uthabatha ezine kumanani angasentla?

Jonga izangqa ezizuba kwibhodi yamanani.



a. Uqaphela ntoni ngezi zangqa? _____

b. Yandisa izibalo zolandelayo lwamanani
ezilandelayo:

711; 715; 719; _____ ; _____ ; _____

703; 707; 711; _____ ; _____ ; _____

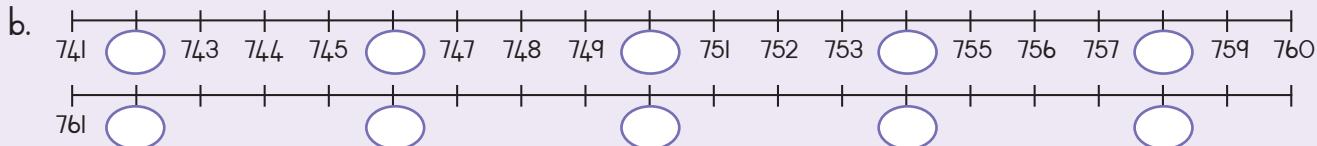
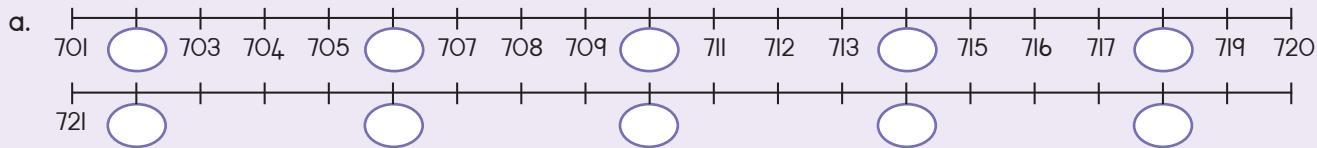
783; 779; 775; _____ ; _____ ; _____

773; 777; 781; _____ ; _____ ; _____

799; 795; 791; _____ ; _____ ; _____



Faka inani elichanekileyo kwisangqa ngasinye kule migca-manani.



Ndinenani elinamanani ama-3:



Inani lokuqala sisi-7, inani elilandayo likhulu ngononye
kunesixhenxe, lize inani lokugqibela libe lincinane ngesithathu kunesixhenxe.

Xa ubala usiya phambili ngezine ukususela kweli nani, ingaba liya kuba ngubani eli nani?



Teacher:
Sign:
Date:

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Ikota 3

Ukuphinda-phinda nokwahlula:
ngezi-2, ngezi-3, ngezi-4,
nangezi-5 ukuya kuma-75

Umhla:



Ungakuphendula msinyane kangakanani oku?

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



Faka umbala kwibloko apho isibalo sikunika intsalela.

$12 \div 2 = 6$	$13 \div 3 = 4$ ints 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 njani xa inani linokwahluwa ngesi:

- 3? Xa unokudibansa amanani enza elo nani, (umz. amanani akuma-72 ngala $7 + 2 = 9$) kwaye unako ukwahluva eli nani litsha ngesi-3 (siyakwazi ukwahluva i-9 ngesi-3).
- 2? _____
- 5? _____



Yahlula uze uhlole impendulo yakho.

$$65 \div 3$$

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

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

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

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

$$21 \times 3 + 2$$

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

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

$$= 60 + 3 + 2$$

$$= 65$$

a. $49 \div 5$

b. $65 \div 5$



Bala okulandelayo:

Kufuneka uhambe uyokwenza uphando.

Wazi njani ukuba inani linokwahlu leka ngesi-4?



90



Umhla:

Ikota 3

Iimpawu zezinto ezinemilinganiselo engu-3-D



Jonga imifanekiso.

Thetha ngemiphezulu yezinto usebenzise amagama afana nathi emcaba okanye egobileyo.



Jonga imifanekiso uze ugqibezele izivakalisi
nemibuzo.



a. Tibhola



b. Kutheni
ingatshebelezi
ibhola?



c. Iisilinda

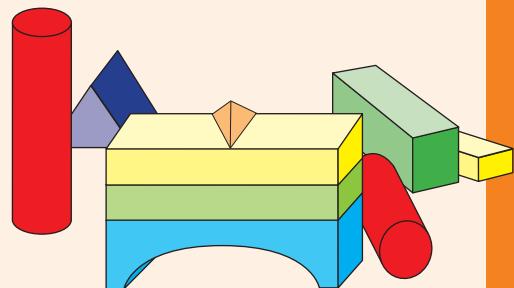
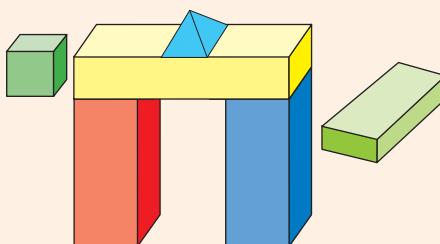
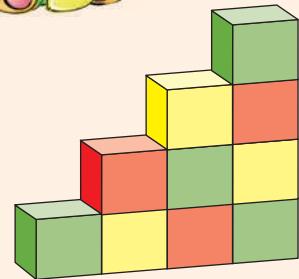


d. Ingaba nesilinda
iyakwazi
ukutshebeleza?



Nika amagama ezinto
ezisetyenziswe emfanekisweni ngamnye.

Uthiya into kube kanye kuphela. Xela ukuba iyaqengqeleva okanye iyatshebeleza na.





Xela ukuba ingaba i-3-D inamacala amcaba na
okanye inamagophe



Zoba okulandelayo:

Ibhokisi exhathise phezu kwesilinda.	Ibhola exhathise phezu kwesilinda.	Isilinda exhathise phezu kwebhokisi.
-----------------------------------------	---------------------------------------	-----------------------------------------



q

Umhla:

Izicuku zezixhobo zemicu yamaqhezu

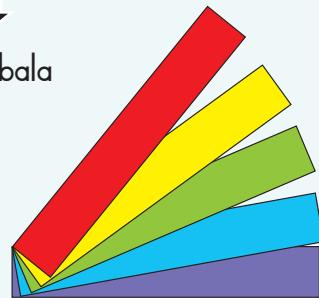
Ikota 3



Izinto eziset.yenziswayo: imicu yephepha emi-5 enemibala eyahluka-hlukileyo, Izikere, Iipenisile/Iikhrayoni

Yenza isicuku sezixhobo

Sika ukhuphe iphepha lesi-5



Kumcu omnye bhala la magama: "Into Enye Epheleleyo"

Thatha omnye umcu uze uwusonge ngononophelo ehafini. Wuvule. Unamacala alinganayo amangaphi?

Bhala i- $\frac{1}{2}$ kwisiqingatha ngasinye uze usike emigobeni.

Thatha umcu wesithathu uwugobe ehafini, uze uphindé uwugobe ehafini kwakhona. Wuvule. Zingaphi iinxenye ezilinganayo onazo? Bhala i- $\frac{1}{4}$ kwinxenye nganye yesine okanye kwikota nganye, uze usike emigobeni. Khawuzame ukwenza eminye imicu emibini, omnye ubonise izihlanu uze omnye ubonise izibhozo.



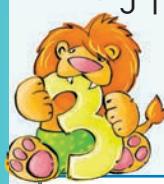
Sebenzisa amaqhekeza esicuku sezixhobo ukuze akuncede uphendule le mibuzo.



Zingaphi izihlanu ezenza into enye epheleleyo?

Zingaphi izibhozo ezilingana

nesiqingatha esinye?



Amaqhezu akumgca-manani.

Lo mcu ubonisa into enye epheleleyo.

Into Enye Epheleleyo

Esi sangqa senza into enye epheleleyo.

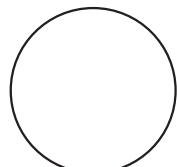


Yahlula umcu ngokweenxenye ezintathu.

Yahlula isangqa sibe zizithathu.

Faka umbala kwinxenye enye yesithathu.

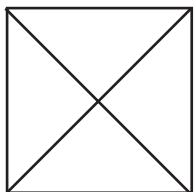
Faka umbala kwinxenye enye yesithathu.



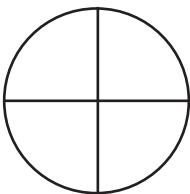


Ngoku faka umbala kokulandelayo:

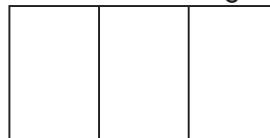
Kwisiqingatha esinye



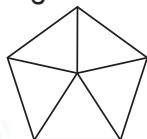
Kwiikota ezintathu



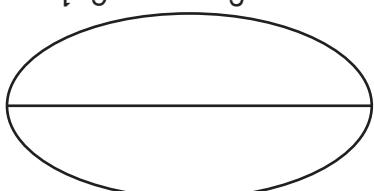
Kwiinxenye ezimbini
kwezintathu ezilinganayo



Kwiinxenye ezine kwezintlanu
ezilinganayo



Kwisiqingatha esinye



Kwiikota ezintathu kwezine



Zoba okulandelayo:

Iikota ezintathu kwezine
ngokusebenzisa isikwere.

Isiqingatha esinye
ngokusebenzisa isangqa.

Iinxenye ezimbini kwezintathu
ezilinganayo ngokusebenzisa
unxantathu.

Iinxenye ezine kwezintlanu
ezilinganayo ngokusebenzisa
isangqa.

Izibhozo ezine usebenzisa
isikwere.

Iinxenye ezimbini kwezintathu
ezilinganayo usebenzisa
uxande.



Lungisa isicuku sezixhobo sakho

- Sika isangqa ngasinye kwezi-**6** uze usike ezisi-**6**.
- Sika emigceni izangqa ezhilanu zibe ngamaqhekeza.
- Phawula iqhekeza ngalinye.
 - Kwelinye icala bhala iqhezu leyure epheleleyo.
 - Kwelinye icala bhala inani lemizuzu ekwelo qhezu.





Umhla:

Amanye amaqhezu



Bhala u-Ewe okanye u-Hayi

- Isiqingatha sisiqingatha sento enye epheleleyo
- Isiqingatha sesiqingatha yikota
- Ikota sisiqingatha sesiqingatha
- Isiqingatha neekota ezimbini zenza into enye epheleleyo
- Isiqingatha kanye nekota enye zenza iikota ezintathu



Yaba iphayi

USipho, uGugu, u-Andile noLisa babelana ngephayi enye.



Sipho



Zoba isabelo sikaSipho.

Gugu



Zoba isabelo sikaSipho nesikaGugu.

Andile



Zoba isabelo sikaSipho, esikaGugu nesika-Andile.

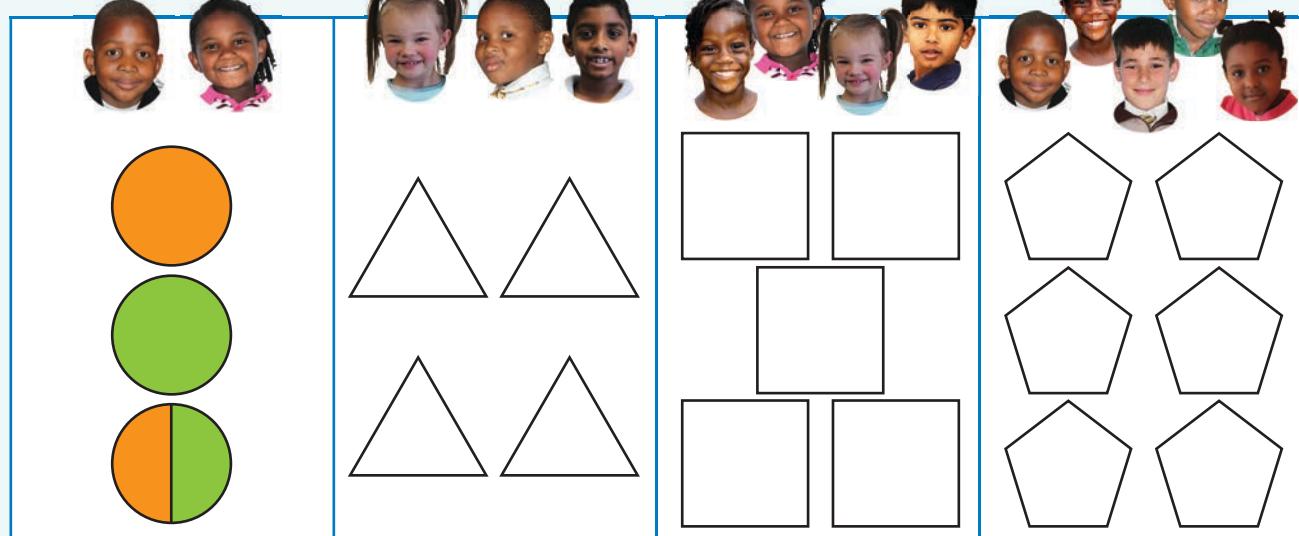
Lisa



Zoba zonke izabelo zabo zephayi.



Yabela abantwana iimilo ngokukrwela
umgca uze ufake umbala.



Abahlobo abane babelana ngeelekese ezi-5
ngokulinganayo.

Emnye kubo uza kufumana kangakanani?

Uthini umbuzo?

Athini amanani?

Zoba umfanekiso.

Abahlobo abathandathu babelana
ngeelekese ezili-9 ngokulinganayo.

Emnye kubo uza kufumana ezingakanani?

Uthini umbuzo?

Athini amanani?

Zoba umfanekiso.

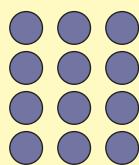


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Ukwaba okukhokelela kumaqhezu

Ikota 3

Nazi izibalisi
ezili-12



Singabahlobo ababini. Sinesikhongozelo
esinye kuhela esahlulwe kanye ehafini.

Sithi esi sisiqingatha
esinye.



Sithi esi sisiqingatha
esinye.



Thina sobabini sabelana ngezibalisi
ezilishumi elinesibini. .

Ndifumene izibalisi
ezintandathu.



Ndifumene izibalisi
ezintandathu.

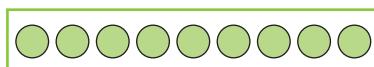


Yenza isazobe sezinto ezilandelayo uze
uphendule umbuzo.

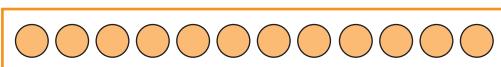
Iibhola ezilithoba zahluelwa
abahlobo abathathu.



- Ingaba emnye kula mantombazana
ufumana iibhola ezingaphi?
- Inye intombazana, ifumana eliphi
iqhezu?



Iibhola ezilishumi elinesibini zabelwa abahlobo
abane. Abathathu kubo ngamakhwenkwe.



- Inye intombazana, ifumana iibhola
ezingaphi?
- Leliphi iqhezu elifunyanwa
yinkwenkwe nganye?



Lithini iqhezu eliya kufunyanwa nguMandla?
ULisa uya kufumana eliphi iqhezu?

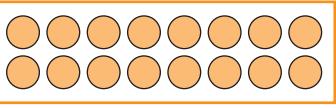
Igama lam
ndinguMandla



- Zingaphi iibhola eziza kufunyanwa nguMandla
noLisa?



Igama lam
nguLisa



- Zingaphi iibhola eziza kufunyanwa
nguMandla noLisa?





Ukwaba iilekese.



Abanye abahlobo babelana ngeelekese. Emnye kubo ufumana $\frac{1}{2}$ (isiqingatha) sepakethi.

- a. Zingaphi iipakethi ekufuneka benazo zokwabela:

abahlobo aba-4? _____ abahlobo aba-6? _____ abahlobo aba-9? _____



- b. Bangaphi abahlobo abanokwabelana:

ngeepakethi ezi-4? _____ ngeepakethi ezi-10? _____ Ngeepakethi ezi- $3\frac{1}{2}$? _____



Iziketi zomxhentso.

Oomama noomakhulu bathunga iziketi zomxhentso.

Ngesiketi esi-1 bafuna iimitha ezi- $2\frac{1}{2}$ (m) zelaphu.

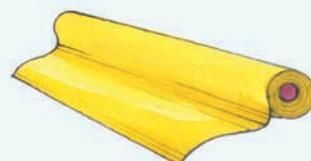
Ilaphu lixabisa i-R6 ngemitha nganye.



- a. Bangathunga iziketi ezingaphi?

kwi-5 m _____ kwi-10 m _____

kwi-20 m _____ kwi-25 m _____

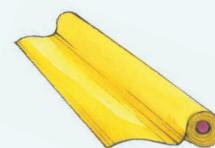


- b. Lingakanani ilaphu abalifunayo ukuze bathunge

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

- c. Yimalini ilaphu lokuthunga

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

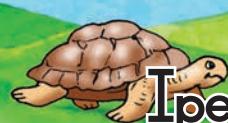


- d. Zingaphi iziketi abanokuzithunga

R450 _____ R825 _____ RI80 _____ .



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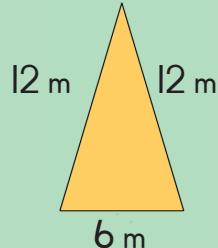


Umhla:

Iperimitha/Umjikelezo

Ikota 3

Igama elithi pherimitha lithetha ubude okanye umjikelezo.



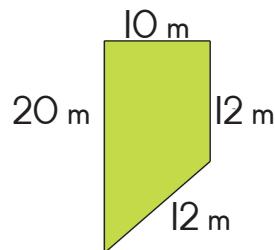
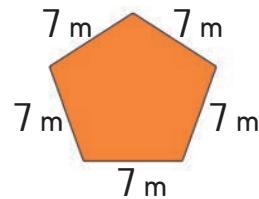
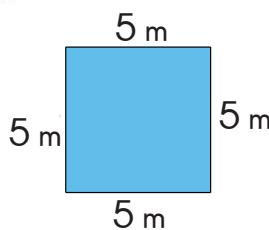
Umfama unomhlaba wokulima ongunxantathu.

Sinako ukuyifumanisa ipherimitha yesiza ngokudibana
sa ubude bamacala.

$$\text{Iperimitha} = 12 \text{ m} + 12 \text{ m} + 6 \text{ m} = 30 \text{ m}$$



Fumana ezi pherimitha.



Isitiya sika Veronica.

UVeronica uzoba isitiya afuna ukusilima.

a. Yintoni ipherimitha yendawo alima kuyo
izityalo zakhe ezingamayeza? _____

b. Ngawaphi amacandelo amabini

anepherimitha efanayo?

Yintoni ipherimitha yazo?

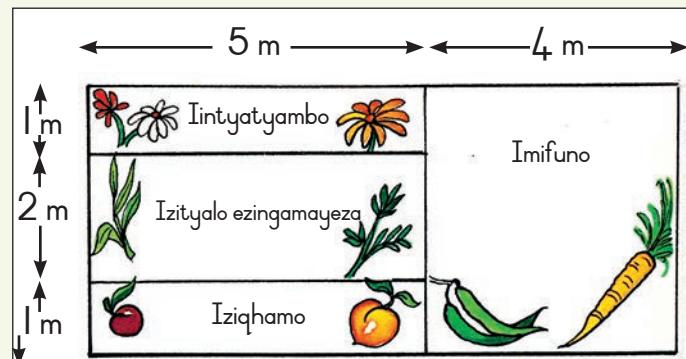
ne

zinepherimitha yeemitha

m.

c. Ufuna ucingo lokubiyela isitiya sakhe. Ucingo lubiza ama-R50 imitha enye.

Luza kuba yimalini ucingo? _____





Yenza isicwangciso sesitiya sakho.



Sebenzisa iphepha legridi elisikwe kali-7 ukuze wenze isicwangciso sesitiya sakho.
Bonisa yonke imilinganiselo nezityalo onqwenela ukuzilima.

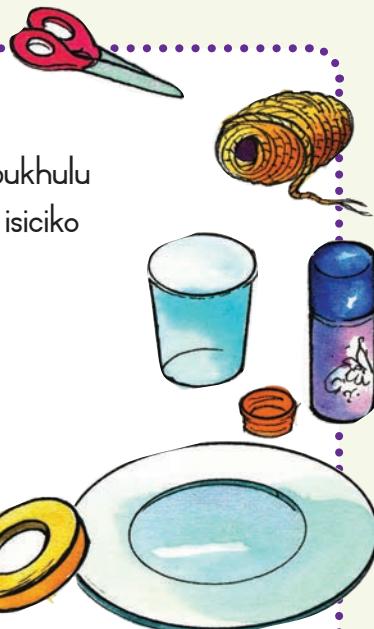


Ukulinganisa izangqa

Sebenza nomhlobo.

Izinto ezisetyenziswayo: Izinto ezili-10 ezimile okwesangqa ezinobukhulu obahlukeneyo ezifana nepleyiti, iglasi, iteyiphu yokuncamatheisa, isiciko sebhatile, umtya nesikere.

1. Khetha enye kwizinto ezingakuva eza kulinganiswa ngomtya.
2. Sika intwana yomtya enobude obulingana ncam nejikeleza loonto ncam.
3. Thatha ke ngoku kwale ntambo inye uze uyitsale ukuze ifikelele kwelinye icala lesangqa. Bala ukuba ifikelela kangaphi kwelinye icala lesangqa.
4. Yenza njalo nangezinye izinto ezizizangqa.
5. Bhala into oyiqaphelayo.



Umgama ojikeleza isangqa ubizwa ngokuba sisazinge okanye isekhamfarensi.



Umgama onqamleza isangqa waziwa ngokuba yidayamitha.



95a

Umhla:

Ikota 3

Imali yokurhweba

Dlala le middalo nomhlobo wakho.

Izinto ezisetyenziwayo:

RIOO RIO

RI
IOc
Ic



RIOOs	RIOs	RIs	IOc	Ic

iBhodi yeMali (umsiko 8), Iphepha nepenisile, amadayisi amabini, imali yokudalisa (kumsiko 9): imali engamaphepha ye-RIOO kunye nemali eziinkozo ezi-RI, IOc nee-Ic.

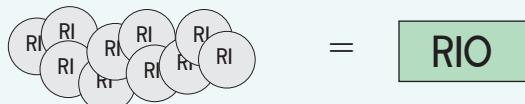
Beka iBhodi yeMali etafileni.

Ibhodi inamacandelo ama-5 angala, ukusuka ekhohlo ukuya ekunene, i-RIOO, i-RIO, i-RI, neesenti ezili-IO. Kulo mdlalo siza kusebenzisa iikholamu ezi-3 zokuqala.

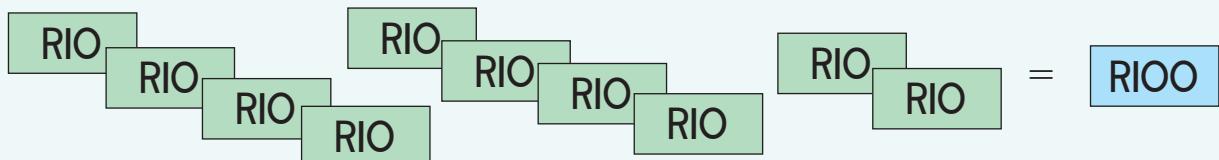


Dibanisa ufilele kwiiRandi ezili-IOO.

- Umali ngamnye ufumana ithuba lokuqengqa idayisi. Dibanisa amanani amabini.
- Thatha elo nani leenkozo ze-RI uzibeke kwindawo yee-RI ephodini.
- Msinyane emva kokuba neenkozo ze-RI kufuneka urhwebe ngazo ukuze uzuze imali eliphepha ye-RIO.



- Umntu oqokelele amaphepha e-RIO kuqala aze arhwebe ngawo ukuze afumane iphepha le-RIOO nguye ophumeleleyo.



- Izohlwayo:** Ukuba umdlali ugqibile kwithuba lakhe waza walibala ukurhweba ngeenkozo ze-RI ezilishumi ukuze afumane iphepha elinye le-RIO, aze omnye umdlali ayibhaqe loo mpazamo, isohlwayo yi-RI. Ukuba umdlali ulibele ukurhweba ngamaphepha alishumi e-RIO ukuze afumane iphepha elinye le-RIOO, kufuneka ahlawule i-RIO komnye umdlali.



Ukuthabatha kwi-RIOO uye ku-RO.

Dlala wona lo mdlalo, kodwa ngoku qala ngemali engamaphepha ezii-RIO, thabatha isiphumo samanani asedayisini. Umdlali ofumana i-RO kuqala nguye ophumeleleyo.

RIOOs	RIOs	RIs	IOc	Ic



Ukudibanisa nokuthabatha kwi-RI OOO.

Dibanisa isiphumo sedayisi ngethuba ngalinye, uze uthathe elo nani le-RIO engamaphepha. Owokuqala ukufikelela kwi-RI OOO nguye ophumeleleyo. Okanye, qala nge-RI OOO, uze uthabathe kwithuba ngalinye. Umdlali wokuqala ukufikelela kwi-RO nguye ophumeleleyo.



Ukudibanisa ufikelele kwi-RI.

Dlalani ngokufanayo nomdlalo wokuqala, kodwa ngoku xa niqengqa idayisi, nize nifumane isiphumo, thathani eso siphumo sedayisi kwiinkozo zesenti e-I. Xa sowuneenkozo ezilishumi ze-Ic, zitshintshe ukuze ufumane ukhoso olunye lwe-IOc. Owokuqala otshintshe iinkozo ezilishumi ze-IOc ukuze afumane ukhoso lwe-RI nguye ophumeleleyo.



Thabatha iisenti.

Qalisa nge-RI, uze uthabathe ngomdlalo ngamnye. Owokuqala ukufikelela kwiisenti ezingu-O nguye ophumeleleyo.



Teacher: _____
Sign: _____
Date: _____

q5b

Umhla:

Masiye ezivenkileni!

Ikota 3



Iminqwazi ethengiswayo.

Ivenkile ithengisa iminqwazi ngamaxabiso
ama-5 ahlukeneyo.



								Itotali
Iminqwazi a 	R20	R120						
Iminqwazi b 	R25							
Iminqwazi c 	R50							
Iminqwazi d 	R75							
Iminqwazi e 	R100							

- Funa ixabiso leminqwazi kumqolo ngamnye.
- UMaZondo uthenga omnye kuhlobo ngalunye lomnqwazi.
Ubhatala malini iyonke? _____
- UButi uchitha ama-R450 iyonke. Uthenga umnqwazi omnye nge-R100.

Yeyiphi eminye iminqwazi ayithengayo? Bonisa iimpendulo ezinokuchaneka ezi-2.

Qwalasela!
Thelekisa!
Lungisa!

Impendulo 1	Impendulo 2



Kwivenkile yesonka.

uMusa usebenzisa iresiphi yokwenza ikeyiki etofotofo.



Iresiphi yekyiki etofotofo

Ukwenzela ikeyiki: ama-40 g umgubo wengqolowa ozinyukelayo; Amaqanda ama-3; iswekile yokuhombisa yama-50 g Ukwenzela ukuqaba phakathi: ucwambu lwe-140 ml

a. Bala ukuba kufuneka uMusa abe nantoni ukuze abhake ikeyiki ezi-6.

Ikeyiki	Umgubo wengqolowa	Amaqanda	Iswekile	Ikhrimu
1	40 g	3	50 g	140 ml
2				
3				
4				
5				
6				

b. Phawula nge (✓) impendulo echanekileyo.

Ilitha e-l yekhrimu inokudibana malunga: neekeyiki ezili-10;
iikeyiki ezisi-7; iikeyiki ezisi-8



Izibalo ezikhawuleziswayo

Qwalasela!
Thelekisa!
Lungisa!

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



Okunye ngeenkukacha



Kwisikhululo samapolisa.

Amapolisa amahlanu enza imisebenzi eyahlukaneyo. Aphi ngoku?

	Ezidesikeni	Ayajikeleza	Asenkundleni
USerufe			x
UMaria	x		
USam	x		
UAmos		x	
UDudu			x

Bhala amagama okuba ngubani: Osedesikeni?

Ojikelezayo?

Osenkundleni?



Usuku Iwemithi

Izikolo ezhlanu zikukhuphiswano lokubona ukuba sesiphi esinokutyala eyona mithi mininzi ngoSuku lokuTyalwa kweMithi. = 10 imithi

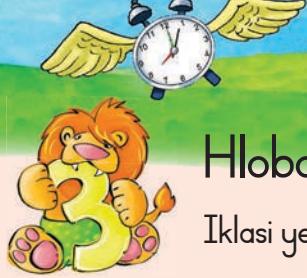


Klipspruit	
Mthonjeni	
Sonskyn	
Thuthong	
Mosiba	

Isikolo ngasinye sityala imithi emingaphi?

eKlipspruit	eMthonjeni	eSonskyn	eThuthong	eMosiba

Mingaphi imithi etyalwe zizikolo iyonke?



Hlobo luni lophahla?

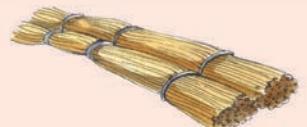
Iklasi yeBanga lesi-3 yenza uphando kwilali yayo.

Bafuna ukuqonda ngeentlobo zamaphahla ezindlwini ezahlukeneyo.

Babonisa iziphumo zabo kule grafu yeebloko.



Benza uphawu (✓) olu-I kwindlu nganye obayibonayo.



Iithayili	✓	✓	✓	✓	✓	✓					
Ingca	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Iplanga	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Izinki	✓	✓	✓	✓	✓	✓	✓	✓	✓		

Zingaphi kuhlobo ngalunye lophahla abalubonayo?

Iithayili _____ Ingca _____ Iplanga _____ Izinki _____

Loluphi uhlobo olulolona luthandwayo? _____

Babone amaphahla amangaphi ephelele? _____



Ubukhulu beminqwazi

Amakhwenkwe esikolo saseJuma anxiba iikepusi zesikolo.

Iikepusi zifumaneka kwezi sayizi-2, 3 no 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 ukuba bangaphi abafundi abanxiba isayizi nganye yeekepusi.

2 _____ 3 _____ 4 _____

Yeyiphi eyona sayizi ixhaphakileyo? _____

Qwalasela!
Thelekisa!
Lungisa!



97



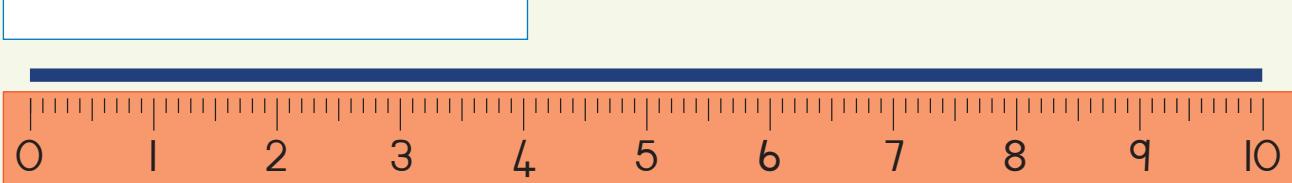
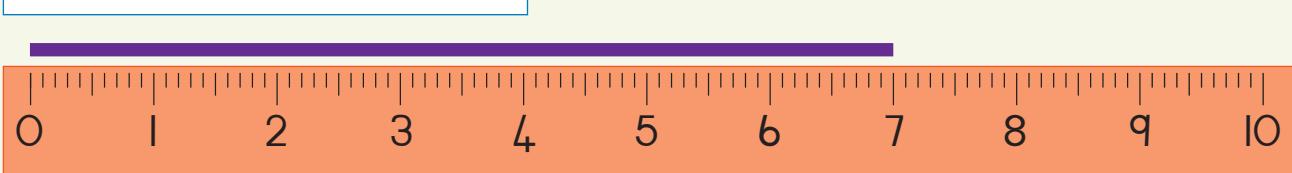
Umhla:

Ukusebenza ngeesentimitha

Ikota 4

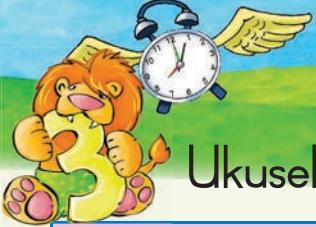


Mde kangakanani umgca onombala?



Qala ngokuqikelela uze ulinganise le migca.
Gqibezela itheyibhile.

Umgca	Uqikelelo	Umlinganiselo	Umhluko phakathi koqikelelo nomlinganiselo



Ukusebenza ngeekhilomitha.

a. 10 cm

b. 7 cm

c. 15 cm



Enyakeni usebenzise iipenisile zakho zokufaka imibala ezilishumi. Iipenisile zakho bezinobude obungange-15 cm phambi kokuba uzisebenzise.

a. Ubude bencwadi _____

Khumbula iisimboli (izifinyezo) esizisebenzisayo xa sibhala isentimitha (cm) kunye nemitha (m).

b. Ukuphakama kocango _____

c. Ubude bepenisile _____

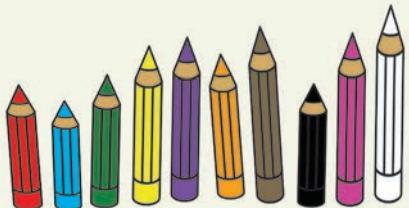
d. Ubude bakho _____

e. Ubude bomnwe wakho _____



Ekuhambeni konyaka usebenzise iipenisile zakho ezilishumi eziyimibala. Ubude beepenisile zakho bebuzii-15 cm phambi kokuba uzisebenzise.

Emva kokuba uyisebenzisile ipenisile yakho ebomvu ibe nobude obungangee-7 cm, ezuba ibilingana nee-5 cm, eluhlaza yona ibingangee-6 cm, emthubi ingangee-11 cm, emsobo ingangee-12 cm, e-orenji ilingana nee-9 cm, enebala elimdaka ingangee-14 cm, emnyama ingangee-8 cm, epinki ingangee-13 cm yaze emhlophe yangangee-15 cm.



a. Yeyiphi ipenisile oyisebenzise kakhulu? _____

b. Yeyiphi eyona penisile oyisebenzise kancinci? _____

c. Bhala ubude beepenisile zakho uqale ngeyona imfutshane uggibebe ngeyona inde _____



98

Umhla:

Amá-700 ukuya kuma-800

Ikota 4



Bala uze ubhale.

- a. Sebenzisa le tshathi ilandelayo ikuncede ubale ukusuka kuma-700 ukuya kuma-800. Wabize amanani njengokuba ubala.

700



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

b. Bhala amanani angekhoyo kwigridi engasentla.

c. Bhala amanani ali-10 alandela ama-750.

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

d. Bhala amanani asi-8 alandelayo kwipatheni yezi-2.

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

e. Bhala onke amanani ngezi-2 ukususela kuma-751 ukuya kuma-773.

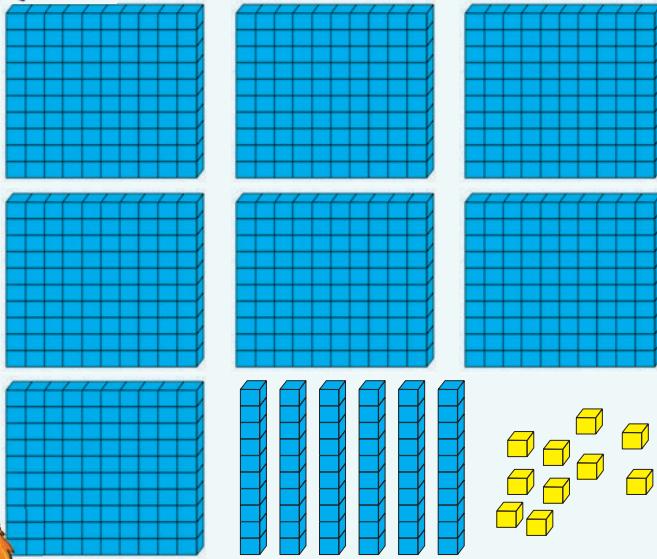
751; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; 773

f. Bhala amanani asi-8 alandelayo ngokwepatheni yezi-5.

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



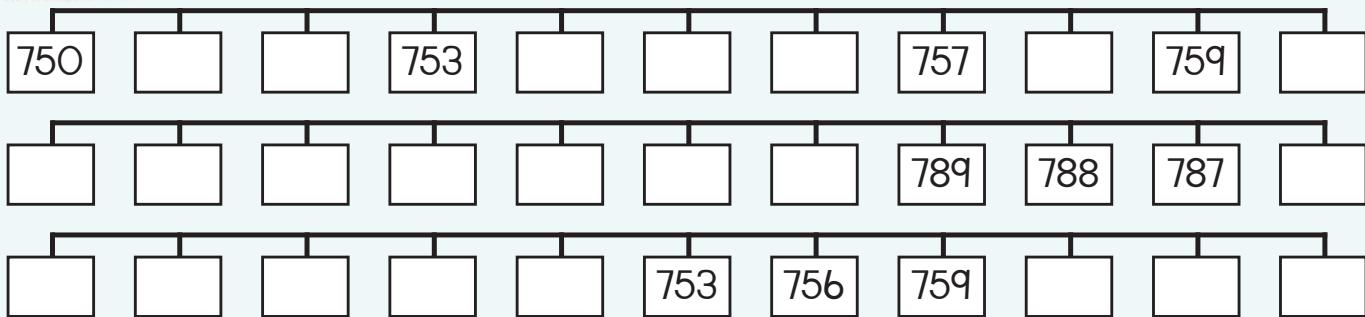
Ubale iibloko ezingaphi?



Uzibale njani iibloko?



Gqibeza imigca-manani.



Gqibeza
itheyibhile.

Bhala elona lincinane
ukuya kwelona likhulu.

Bhala ukusuka kwelona likhulu
ukuya kwelona lincinane.

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



Bhala okulandelayo ngamagama.

788

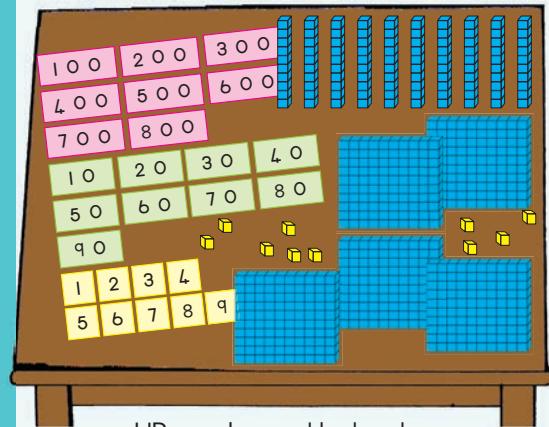


Teacher:
Sign:
Date:

qq

Amanye amanani aqala kuma-700 ukuya kuma-800

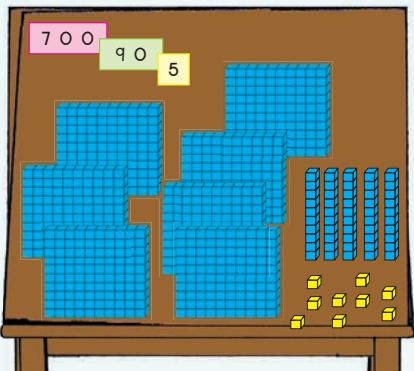
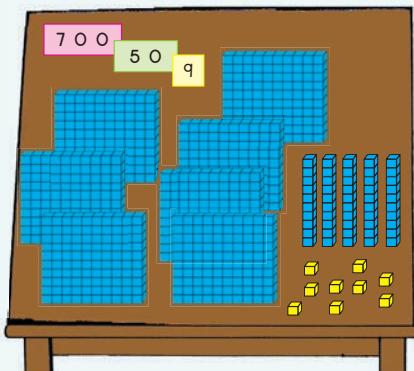
Ikota 4



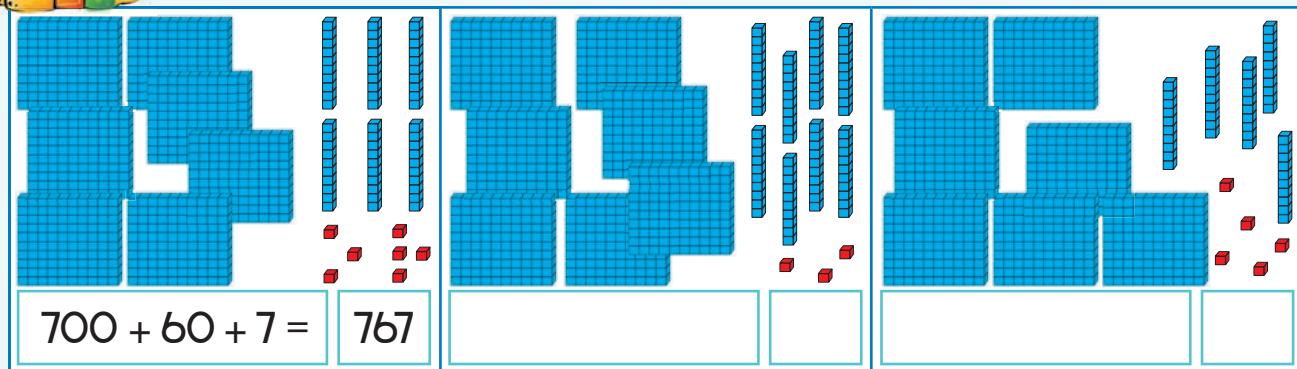
UPeter ebenamakhadi endawo
yexabiso kunge neebloko
zamashumi.

Utitshalo ucele uPeter ukuba
abonise ama-759 ngamakhadi
akhe neebloko zakhe.

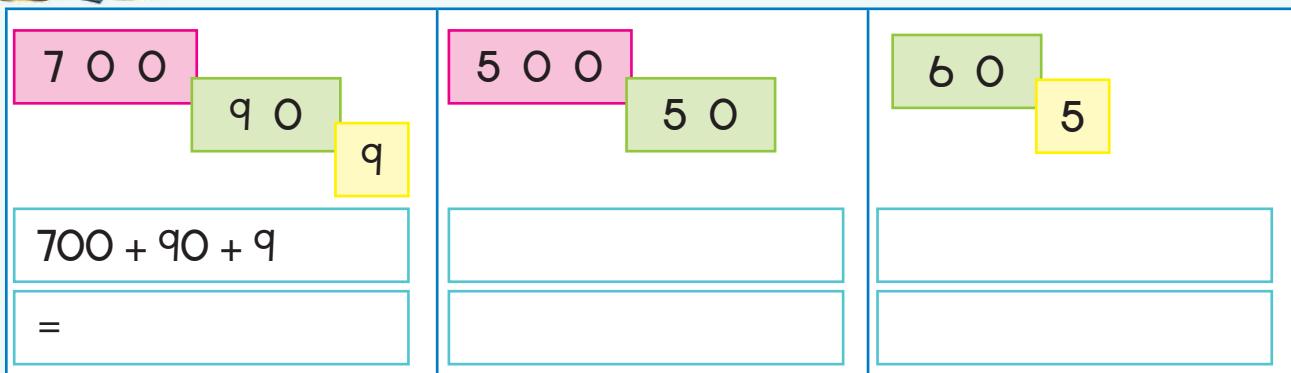
UBen ubonise oku. Yintoni
angayenzanga kakuhle?



Bhala isivakalisi samanani wandule ukubhala impendulo.



Bhala isivakalisi samanani wandule ukubhala impendulo.





Ndinike onke amanani anqaphantsi kunama-795.

Ndinike onke amanani amakhulu kunama-795.



Faka <, > okanye =.

a. 799 b. 766 c. 745 d. 750

c. $700 + 90 + 7$ 767



Calula inani lakho.

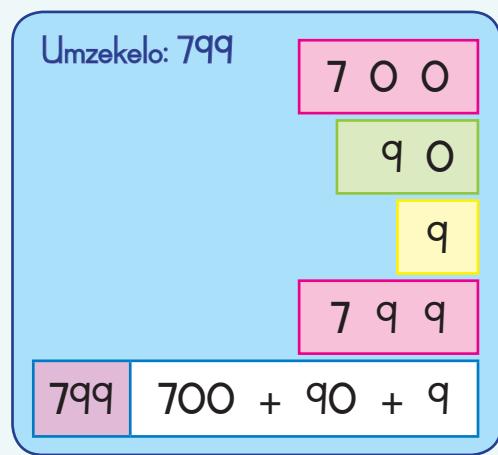
- a. Yakha inani ngalinye ngamakhadi akho.
 - b. Bhala ixabiso lenani ngalinye. Ngoku yenza ezi zibalo: Calula inani lakho.

790	
689	
699	
755	
690	



Bhala la manani ngamagama.

668	
757	
799	
742	
691	



100



Umhla:



Amanani ukusuka

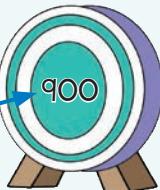
kuma-800 ukuya kuma-900

Bala uze ubhale!



- a. Sebenzisa le tshathi ilandelayo ikuncede ubale ukusuka kuma-800 ukuya kuma-900.
Wabize amanani njengokuba ubala.

800



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

- b. Bhala amanani angekhoyo kwigridi engasentla.

- c. Bhala amanani ali-10 alandela ama-800.

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

- d. Bhala amanani alandelayo asi-8 ngokwepatheni yezi-2

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

- e. Bhala onke amanani ngokwepatheni yezi-2 ukususela kuma-807 ukuya kuma-829.

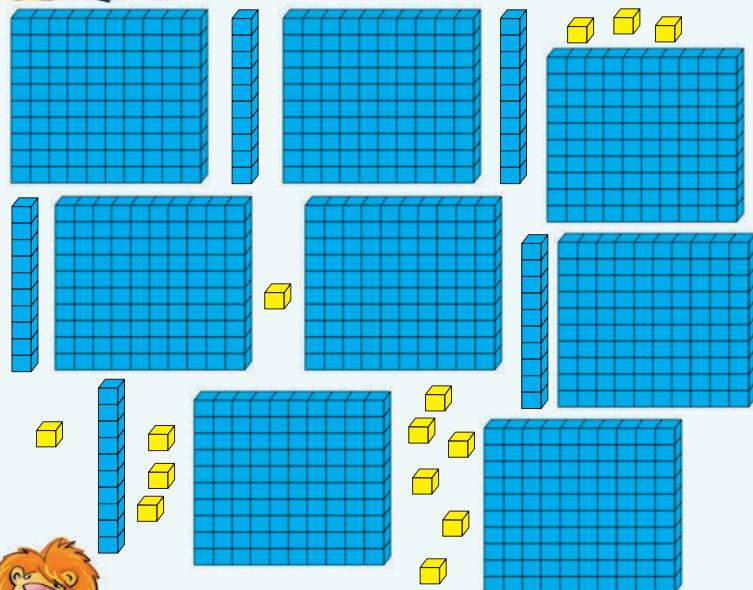
807; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; 829

- f. Bhala amanani alandelayo asi-8 ngokwepatheni yezi-5.

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



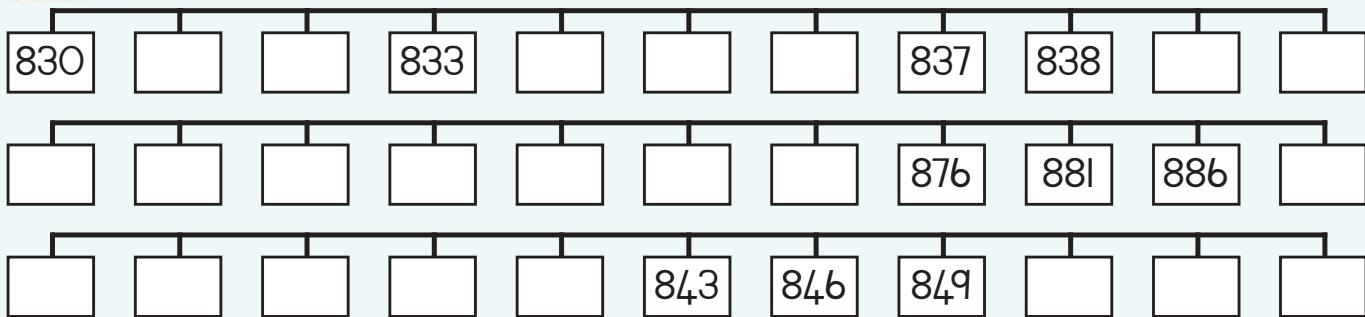
Ubale iibloko ezingaphi?



Uzibale njani iibloko?



Gqibeza imigca-manani.



Gqibeza
itheyibhile.

Bhala ukusuka kwelona
lincinane ukuya kwelona likhulu.

Bhala ukusuka kwelona likhulu
ukuya kwelona lincinane.

856, 853, 855, 851, 857

898, 801, 810, 819, 891



Bhala inani ngamagama.

845

Teacher:
Sign:

Date:

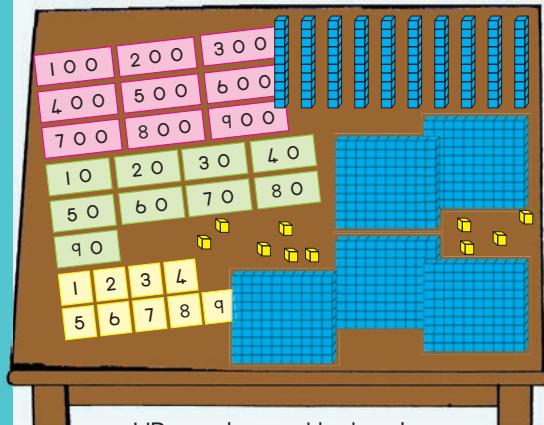
101

Amanyé amanani aqala

kuma-800 ukuya kuma-900

Umhla:

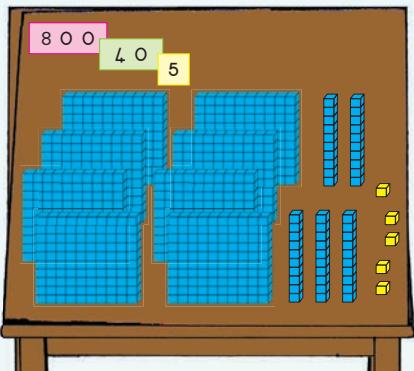
Ikota 4



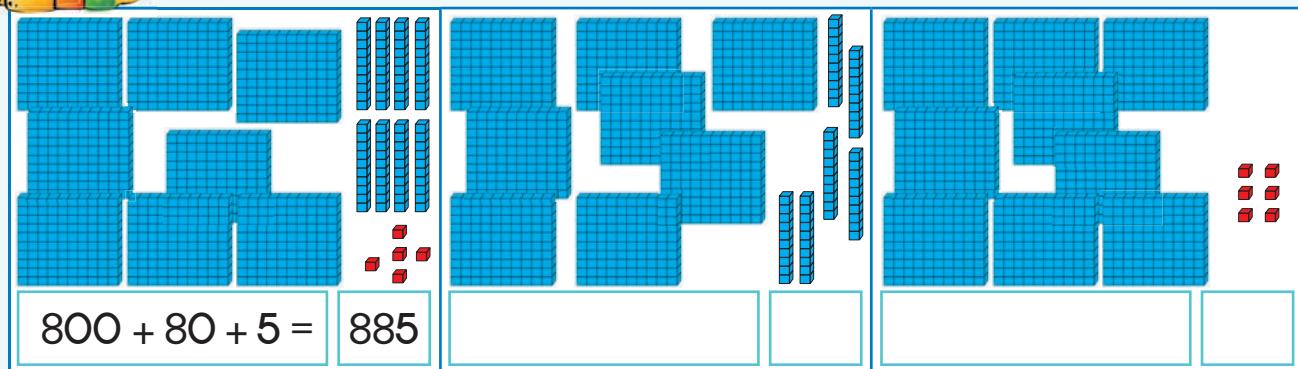
UPeter ebenamakhadi exabiso
lendawo kunge neebloko
zamashumi.

Utitshala ucele uPeter ukuba
abonise ama-854 ngamakhadi
neebloko zakhe.

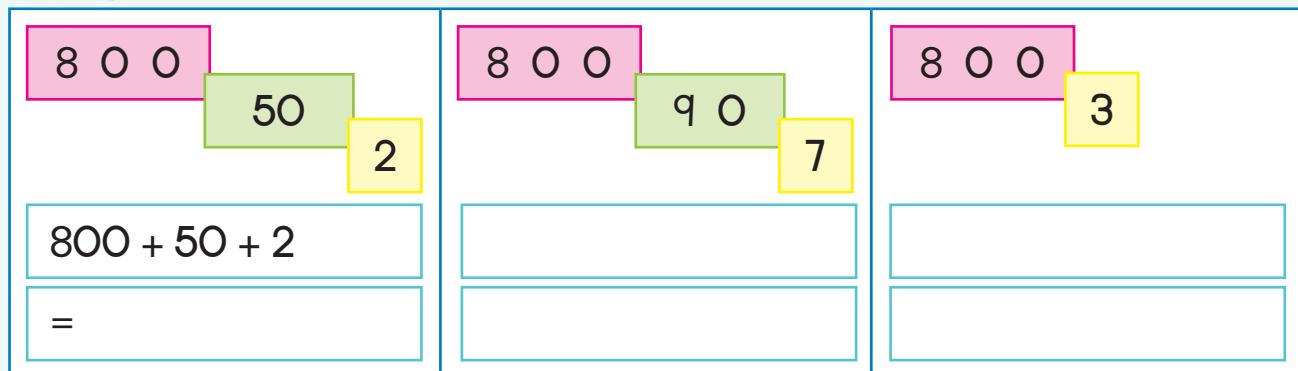
Naku okuboniswe nguBen.
Yintoni angayenzanga kakuhle.



Bhala isivakalisi samanani uze uphendule imibuzo.



Bhala isivakalisi samanani wandule ukubhala impendulo.





Gqibezela umgca-manani.

889 890 891 900

Ndinike onke amanani angaphantsi kunama-894.

Ndinike onke amanani amakhulu kunama-894



Fakela <, > okanye =

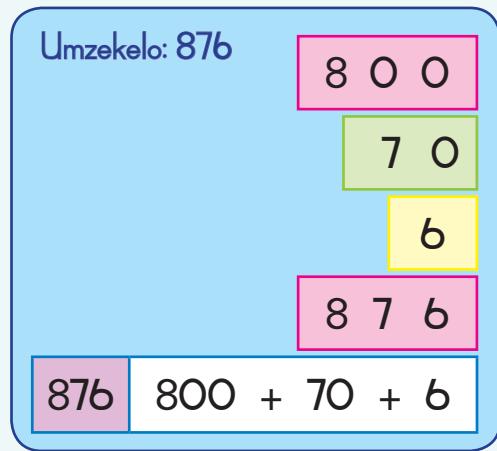
- a. 899 898 b. 802 820
c. 900 + 70 + 5 785



Calula inani lakho.

- a. Yakha inani ngalinye ngamakhadi akho.
b. Bhala ixabiso lenani ngalinye. Ngoku yenza ezi zibalo: Calula inani lakho.

890	
889	
802	
855	
840	



Bhala la manani ngamagama.

889	
825	
803	
830	
899	



Ukulinganisa-ubunzima bezinto

Ikota 4



Jonga imifanekiso elandelayo uze uphendule imibuzo.



- Ingaba umgubo wokuhlamba impahla oyi-1 kg, ukhaphukhaphu okanye unzima kunomgubo wokuhlamba impahla oyi-2 kg?

- Yeyiphi ekhaphu-khaphu: Isiriyeli yakusasa eyi-500 g okanye iibhisikithi eziyi-200 g?

- Yeyiphi enzima kunenye: Amafutha okuthambisa ubuso e-100 g okanye ipakethi yomngqusho ye-1 kg?



Ingaba bungakanani ubunzima bemizimba yethu sisonke?

Ubunzima bomzimba wam ngama-25 kg, obomhlobo wam ngama-29 kg kodwa obomntakwethu ngama-45 kg.



Imveliso zizonke zinobunzima obungakanani?

Imveliso yokuqala inobunzima be-1 kg 500 g, eyesibini imveliso inobunzima-be-3 kg 500 g ize eyokugqibela ibe yi-2 kg 500 g.



Jonga le mifanekiso uze uphendule le mibuzo.



i-1,5 kg iyalingana
ne-1 kg 500 g.



i-2,5 kg iyalingana
ne-2 kg 500 g.

Ndingayibhala njani i-3, 5 kg
ngokwekhilogrem nee-grem?



Gqibezela itheyibhile

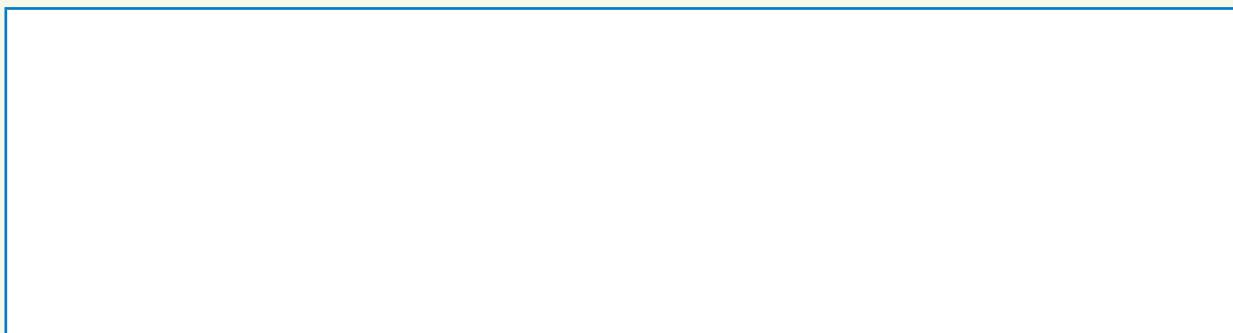
Utitshala wakho uza kukunika izinto ezintlanu omawuziqwalasele. Qikelela ubunzima bazo uze uzilinganise.

Into	Uqikelelo	Umlinganiselo	Umhluko phakathi koqikelelo nomlinganiselo



Imveliso zinobunzima obunqakanani zidibene?

Imveliso zokuqala zinobunzima be-2 kg 500 g, eyesibini imveliso yi-lkg 500 g kanti eyokugqibela zii-3 kg 500 gm



Masiqhube ngokulinganisa ubunzima

Ikota 4

Imasi okanye ubunzima ngumlinganiselo wobungakanani besiqulatho sento. Xa kukuninzi okukhoyo loo nto kuba nzima ngakumbi ukuyishukumisa.

Ubunzima ngumlinganiselo wamandla atsalela izinto ezantsi. La mandla anganeno enyangeni kuba izinto zikhaphu-khaphu noko phaya. Kwijnjongo zemihla ngemihla apha emhlabeni sisebenzisa imilinganiselo efanayo yemasi nobunzima.

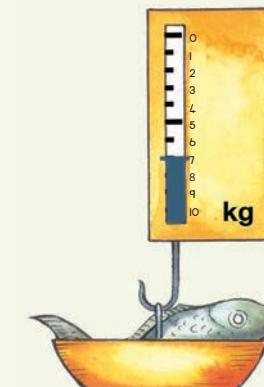
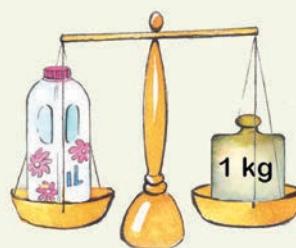
Ubunzima sibulinganisa ngeekhiilogrem nangeegrem.

Izikali ezahlukeneyo

Sisebenzisa iintlobo ezahlukileyo zezikali xa silinganisa ubunzima.

Silinganisa imasi ngebhalsi kanti
ubunzima sibulinganisa ngesikali sesipringi.

Ilitha yamanzi inemasi engange-1 kg.

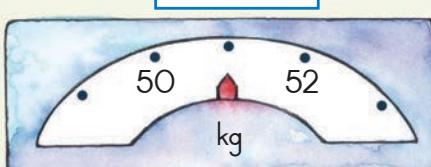
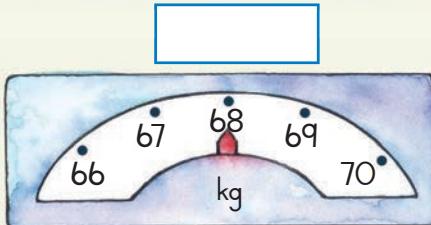
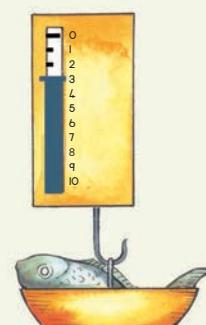
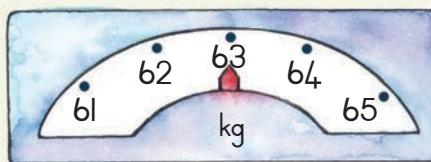


Le ntlanzi inobunzima be-3 kg.



Funa ubunzima

Bhala ubunzima ngokwe-kg njengoko kubonisiwe
kwisikali ngasinye.

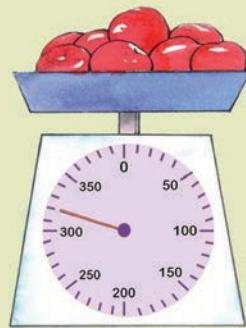




Sisebenzisa iigrem ukulinganisa ubunzima bezinto ezincinane okanye ezikhaphu-khaphu nokulinganisa amaqhezu ekhilogrem.

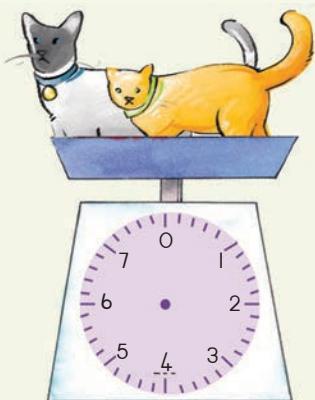
$$1000 \text{ g} = 1 \text{ kg}$$

Kwesi sikali sesipringi, umgca ngamnye omncinane li-10 leegrem ubunzima. Titumato zinobunzima bama-320 beegrem.



Zinzima kangakanani?

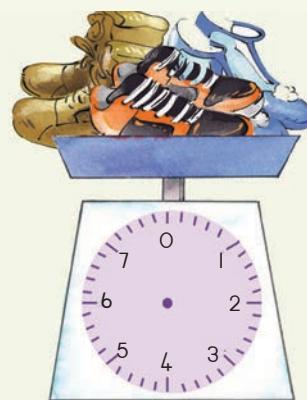
Zoba ukuba usiba lufanele ukuya ngaphi kwisikali ngasinye.



7 kg



4 kg



6 kg



Yenza ikhilogrem

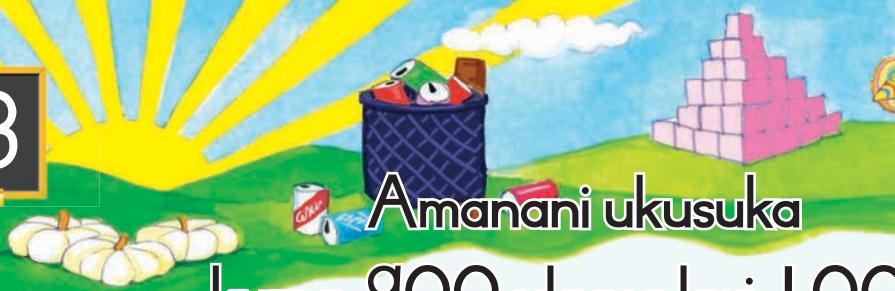
Dibanisa ukuze wenze i-1 kg (1 000 g).

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



Teacher:
Sign:
Date:

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Umhla:

Amanani ukusuka

kuma-900 ukuya kwi-1 000

Ikota 4



Bala uze ubhale!

- a. Sebenzisa le tshathi ilandelayo ikuncede ubale ukusuka kuma-900 ukuya kwi-1 000. Wabize amanani njengokuba ubala.

900



901		903							910
								919	
		943					948		
981									
991							999		

- b. Bhala amanani angekhoyo kwigridi engasentla.

- c. Bhala amanani ali-10 alandela ama-900.

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

- d. Bhala amanani alandelayo asi-8 ngeepatheni zezi-2.

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

- e. Bhala onke amanani ngeepatheni zezi-2 ukususela kuma-945 ukuya kuma-967.

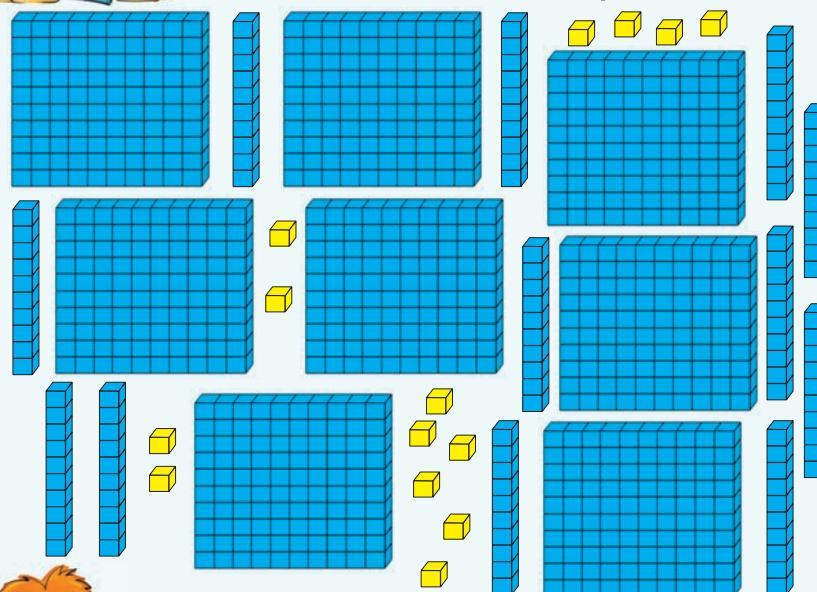
945; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; 967

- f. Bhala amanani asi-8 ngeepatheni yezi-5.

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



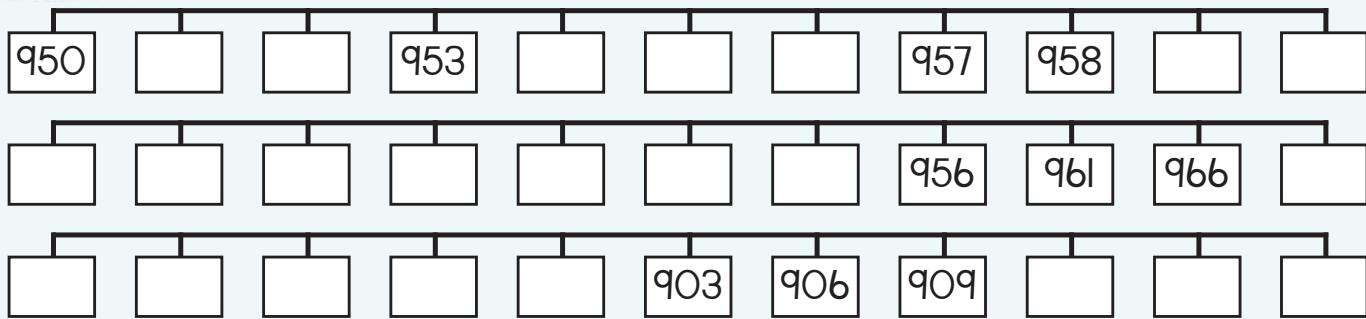
Ubale iibloko ezingaphi?



Uzibale njani iibloko?



Gqibezela imigca-manani.



Gqibezela
itheyibhile.

Bhala ukususela kwelona
lincinane ukuya kwelona
likhulu.

Bhala ukususela kwelona
likhulu ukuya kwelona
lincinane

936, 933, 935, 931, 937

978, 907, 970, 917, 971



Bhala inani ngamagama.

695

Teacher:

Sign:

Date:

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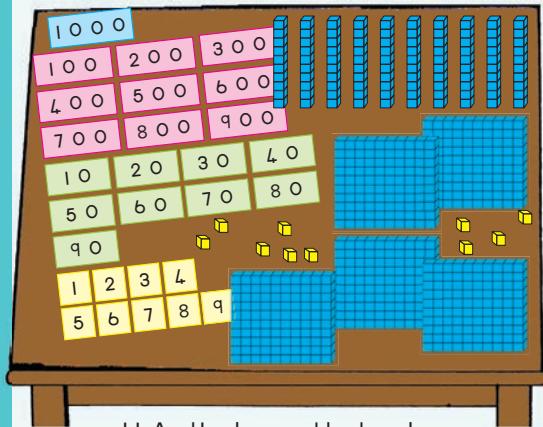


Umhla:

Amanye amanani

aqala kuma-900 ukuya kwi-1 000

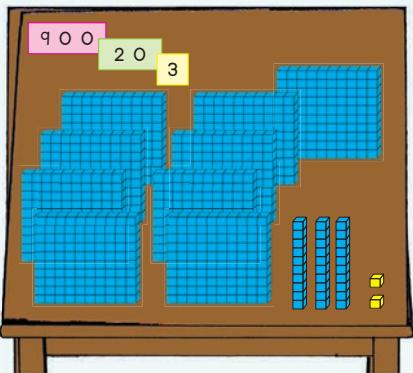
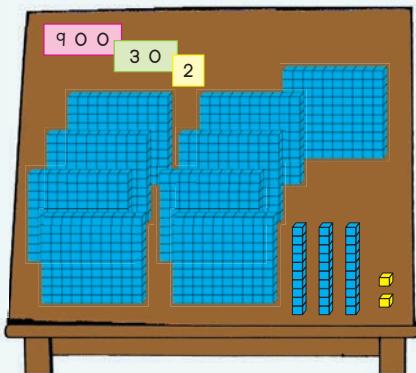
Ikota 4



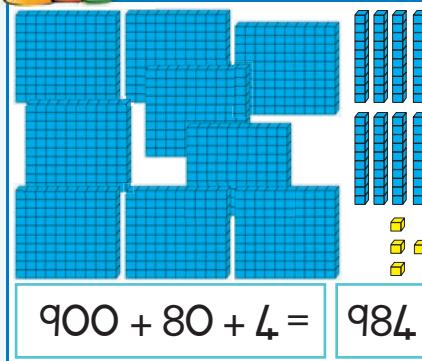
U-Andile ebenamakhadi exabiso lendawo neebloko zamashumi.

Utitshala ucele u-Andile ukuba abonise ama-932 ngamakhadi neebloko zakhe.

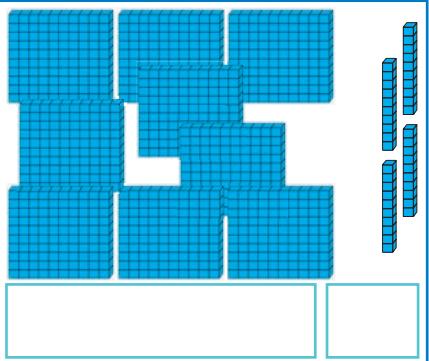
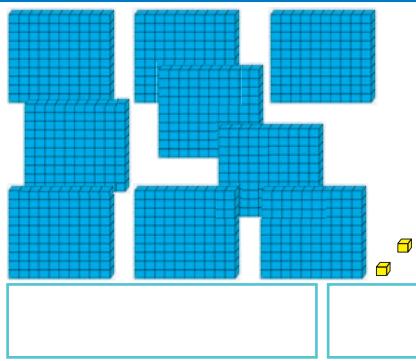
UGugu ubonise oku. Yintoni angayenzanga kakuhle?



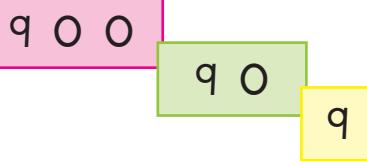
Bhala isivakalisi samanani uze uphendule.



$$900 + 80 + 4 = 984$$



Bhala isivakalisi samanani uze uphendule.



$$900 + 90 + 9$$

=





Gqibezela umgca-manani.

989 990 991 999

Ndinike onke amanani angaphantsi kunama-995.

Ndinike onke amanani amakhulu kunama-995.



Fakela <, > okanye =.

a. 999 998

b. 957 975

c. $900 + 60 + 1$ 961

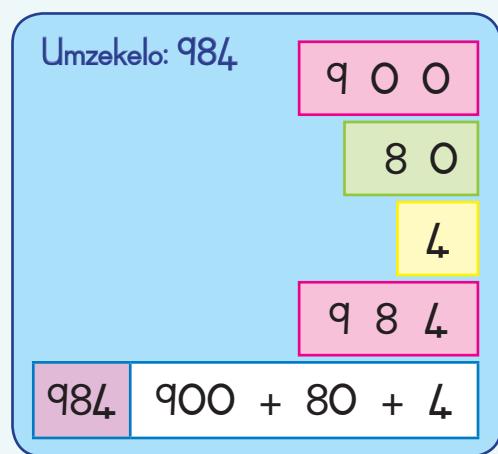


Calula inani lakho.

a. Yakha inani ngalinye ngekhadi ngalinye.

b. Bhala ixabiso lenani ngalinye. Ngoku yenza ezi: Calula inani lakho.

922	
959	
980	
907	
931	



Bhala la manani ngamagama.

976	
905	
950	
821	
909	



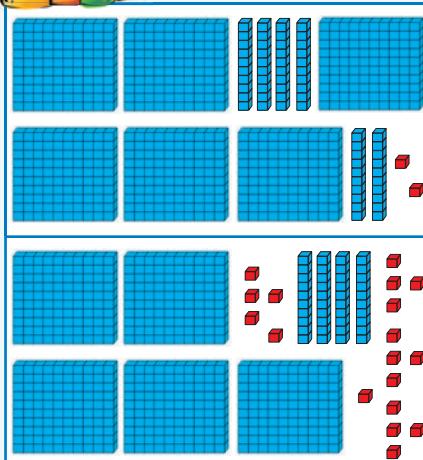
Ukudibanisa nokuthabatha ukususela kuma-qqq

Umhla:

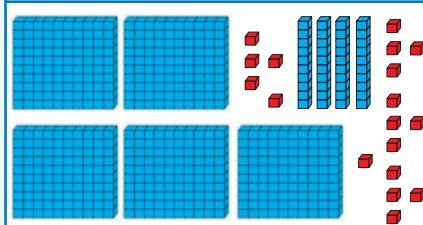
Ikota 4



Bhala isivakalisi samanani ngesibalo ngasinye.



Chaza ukuba uzbale njani iibloko.



Chaza ukuba uzbale njani iibloko.



Sebenzisa umzekelo ukuze ukukhokele.

5 0

5 0

ama-50 aphinda-phindwe
kabini li-100

3 0 0

3 0 0

2 0 0

2 0 0

3

3



Sebenzisa iziphinda-phindwa kabini ukuze usombulule
okulandelayo. Umzekelo uza kukukhokela.

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



Sebenzisa iziphinda-phindwa
kabini okanye iziphinda-phindwa
ezisondeleyo usombulule oku kulandelayo.
Sebenzisa umzekelo ukuze ukukhokele.

a. Phinda-phinda kabini ama-340

$$= 340 + 340$$

$$= \text{Phinda-phinda kabini ama-340}$$

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

$$= 600 + 80$$

$$= 680$$

b. $340 + 341$

$$= \text{Phinda-phinda kabini ama-340} + 1$$

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

$$= 600 + 80 + 1$$

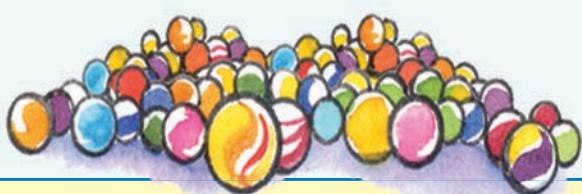
$$= 681$$

c. $470 + 470$

d. $461 + 462$



Sombulula eli qhina:



Abafundi beBanga lesi-2 baqokelele amapetyu angama-360.

Abafundi beBanga lesi-3 banamapetyu ambalwa ngama-216 kundabeBanga lesi-2.
Mangaphi amapetyu abafundi beBanga lesi-3?



Teacher: Sign:
Date:



Malunga nendlu

Ikota 4



Usuku lokubhaka.

UMakazi uPhindi ubhaka isonka e-ovenini yakhe.

Bonisa ixesha kwezi wotshi.



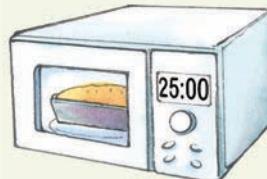
Ufaka isonka ngomkhono emva kwentsimbi yesi-4.

Ukhupha isonka **ngemizuzu emihlanu emva kweyesihlanu.**

Sibhakeke emva kwexesha elingakanani isonka?



Umama ka-Ann usebenzisa i-oveni yemakhroweyivu. Isebenza ngokukhawuleza kakhulu. Ngoku ixesha li-16:30. Jonga ixesha lokupheka elimiselwe kwiwotshi ye-oveni yemakhroweyivu.



Siza kulunga nini isonka?

I-oveni yemakhroweyivu ikhawuleza kangakanani kune-oveni yesitovu? _____ imizuzu.



Imisebenzi yakusasa.



Kusasa ngoMgqibelo uMusa noPalesa bancedisa umama wabo endlwini.

Umsebenzi ngamnye uqhuba ixesha elingakanani?

	Ukuqalisa	Isiphele	Ixesha elingakanani?
Ukwenza isidlo sakusasa	6:15	6:40	
Ukuhlamba izitya	7:20	8:05	
Ukucoca igumbi lokuphekela	8:20	9:15	
Ukucoca igumbi lokuhlambela	10:00	10:25	
Ukucoca amagumbi okulala	11:30	12:15	



Nkcenkceshela isitiya.

Ithumbu lokunkcenkcesha linokusebenzisa iilitha ezinokufikelela kuma-30 zamanzi ngomzuzu omnye!

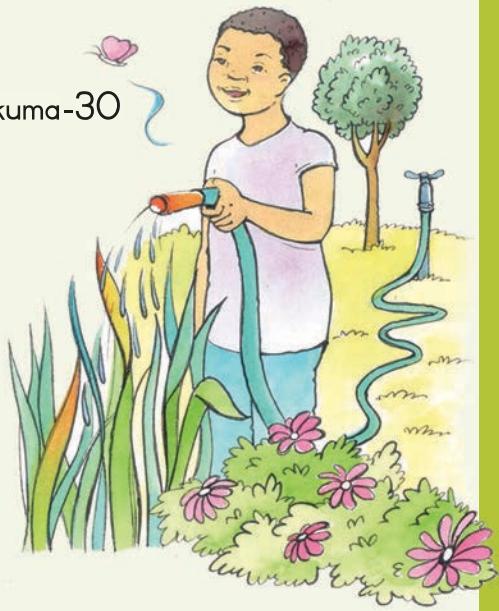
Ithumbu lamanzi linokusebenzisa iilitha ezingaphi zamanzi:

Ngemizuzu emi-2 _____ yeelitha.

Ngemizuzu emi- $2\frac{1}{2}$ _____ yeelitha

Ngemizuzu emi-5 _____ yeelitha

Ngemizuzu eli-10 _____ yeelitha.



Ikhari yokupheka.

UTata kaBabu wenza ikhari aze ayithengise. Kwiveki enye usebenzisa i-oyile engama-750 ml. Ubhala phantsi ukuba usebenzisa i-oyile engakanani ngosuku ngalunye.

ngoMvulo	ngoLwesibini	ngoLwesithathu	ngoLwesine	ngoLwesihlanu	ngoMgqabelo	ngeCawe
98 ml	122 ml	108 ml	117 ml	109 ml	135 ml	?

a. Zingaphi iimilitha (ml) ze-oyile azisebenzisayo ukusukela ngoMvulo ukuya kutsho ngeCawe?
_____ ml

b. Zingaphi iimilitha (ml) ze-oyile azisebenzisayo ngeCawe? _____ ml

c. Ibhatile ye-oyile enye eziimilitha (ml) ezingama-750 ixabisia i-R18,50.

Ingaba iibhotile ezi-4 ziymalini? _____ .

Qwalasela!
Thelekisa!
Lungisa!





Ukusebenza ngemali

Umhla:

Bala imali eziinkozo nengamaphepha.

$10 \times \text{R}10 = \text{R } \underline{\hspace{2cm}}$	$20 \times \text{R}10 = \text{R } \underline{\hspace{2cm}}$	$50 \times \text{R}10 = \text{R } \underline{\hspace{2cm}}$	$100 \times \text{R}10 = \text{R } \underline{\hspace{2cm}}$
$10 \times \text{R}20 = \text{R } \underline{\hspace{2cm}}$	$20 \times \text{R}20 = \text{R } \underline{\hspace{2cm}}$	$50 \times \text{R}20 = \text{R } \underline{\hspace{2cm}}$	$100 \times \text{R}20 = \text{R } \underline{\hspace{2cm}}$
$10 \times \text{R}50 = \text{R } \underline{\hspace{2cm}}$	$20 \times \text{R}50 = \text{R } \underline{\hspace{2cm}}$	$50 \times \text{R}50 = \text{R } \underline{\hspace{2cm}}$	$100 \times \text{R}50 = \text{R } \underline{\hspace{2cm}}$
$10 \times \text{R}1 = \text{R } \underline{\hspace{2cm}}$	$20 \times \text{R}1 = \text{R } \underline{\hspace{2cm}}$	$50 \times \text{R}1 = \text{R } \underline{\hspace{2cm}}$	$100 \times \text{R}1 = \text{R } \underline{\hspace{2cm}}$
$10 \times \text{R}100 = \text{R } \underline{\hspace{2cm}}$	$20 \times \text{R}100 = \text{R } \underline{\hspace{2cm}}$	$50 \times \text{R}100 = \text{R } \underline{\hspace{2cm}}$	$100 \times \text{R}100 = \text{R } \underline{\hspace{2cm}}$

$100 \times \text{R}10 = \text{R } \underline{\hspace{2cm}}$	$100 \times \text{R}50 = \text{R } \underline{\hspace{2cm}}$	$100 \times \text{R}100 = \text{R } \underline{\hspace{2cm}}$
$100 \times \text{R}20 = \text{R } \underline{\hspace{2cm}}$	$100 \times \text{R}1 = \text{R } \underline{\hspace{2cm}}$	

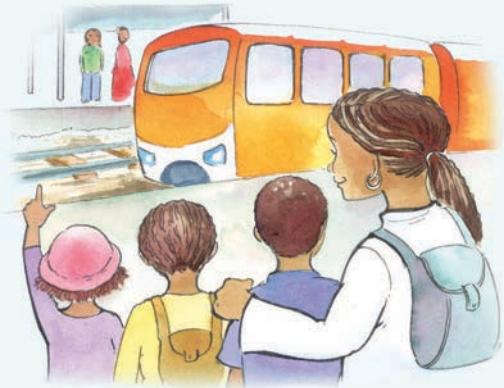


Uhambo ngololiwe

UKgethi kune nabantwana bakhe aba-3 bakhwela uloliwe.

Abantu abadala nabantwana babbatala imali efanayo.

UKgethi ubhatala ngale mali ingamaphepha.



Ufumana itshintshi engama-R30.

Lijimalini itikiti elinye? Phawula (✓) impendulo echanekileyo:

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

Qwalasela!
Thelekisa!
Lungisa!



Isirhoxo sikaSandile

USandile ubhala phantsi yonke ingeniso yakhe kwitheyibhile.

Uqala aqikelelo, aze abale ingeniso yakhe yemihla ngemihla. Ingeniso yimali esiyifumanayo. Nceda uSandile agqibezele izibalo zakhe. Bhala iimpendulo kule theyibhile:

		Uqikelelo	Itotali
NgoMvulo	R50 + R75 + R200 + R350 + R25		
NgoLwesibini	R25 + R175 + R50 + R320 + R90		
NgoLwesithathu	R50 + R75 + R200 + R350 + R25		
NgoLwesine	R120 + R55 + R180 + R245 + R25		
NgoLwesihlanu	R60 + R150 + R140 + R200 + R125		
NgoMgqibelo	R50 + R75 + R200 + R350 + R25		
NgeCawe			



Bala itshintshi.

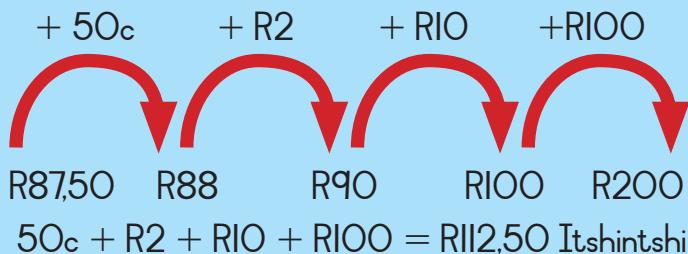
Ukuze ufumane itshintshi kufuneka udibanise kwixabiso lezinto ozithengileyo nakwimali engamaphepha oyibhateleyo.

Umzekelo:

UPalesa uthenga ukutya nge-R87,50.

Ubhatala nge-R200 eliphepha.

Yimalini itshintshi yakhe?



Sebenzisa imigca-manani ikuncede ukubala itshintshi.

Ixabiso: R229,40



Ubhatala nge:



Ixabiso: R305,60



Ubhatala nge:







Okunye ukudibana nokuthabatha ukuya kutsho kuma-qqq



Masisombulule iqhina lesibalo.

UGugu uqokelele izitikha ezingama-234.
UMandla umniike ezinye izitikha ngaphezulu
ezingama-50I.
Zingaphi izitikha anazo zizonke?

Uthini umbuzo?

Zingaphi izitikha anazo ngoku?

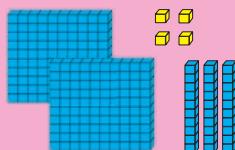
Leliphi igama elibalulekileyo? Ezinye ngaphezulu

Athini amanani? Ama-234 nama-50I

Masibonise ngeebloko zamashumi.



ULisa uysombulule ngale
ndlela le ngxaki kaGugu.



U-Aakar wenze ngolu hlobo.
Wenze umzobo.



Iibloko zamashumi ezimiswe nguLisa zifana njani nomzobo ka-Aakar?

Sebenzisa inani elikwingxaki engasezantsi ukuze uysombulule ngokusebenzisa iindlela ezimbini uzifundileyo.

Iindlela yoku-1

Iindlela yoku-2



Imisebenzi yakusasa.

UThembi uqokelela izinto ezinokuhlaziwa kwakhona zeprojekthi yesikolo.

Uqokelele iibhotile zeplasitiki ezingama-624 neetoti ezingama-268.

Zingaphi izinto aziqokeleleyo?

Uthini umbuzo?

Athini amanani?	Leliphi igama elibalulekileyo? Phawula impendulo echanekileyo. Igama elibalulekileyo lisiyalela ukuba: <input type="button" value="Sidibanise"/> <input type="button" value="Sithabathe"/>
Bonisa ngomzobo.	Sombulula le ngxaki usebenzise eyakho indlela yokubala.

Ivenkile ibineepakethe zeswekile ezingama-900. Emva kokuba kuthengiswe ezinye iipakethe kuye kwashiyeka ezingama-659. Zingaphi iipakethe zeswekile ezithengisiweyo?

Uthini umbuzo?

Athini amanani?	Leliphi igama elibalulekileyo? Phawula impendulo echanekileyo. Igama elibalulekileyo lisiyalela ukuba: <input type="button" value="Sidibanise"/> <input type="button" value="Sithabathe"/>
Bonisa ngomzobo.	Sombulula le ngxaki usebenzise eyakho indlela yokubala.



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Ikota 4



Umhla:

Okunye ukudibana nokuthabatha ukuya kuma-qqq

Jonga idayagramu uze ujichaze.



Gqibezena oku kulandelayo:

- a. $223 + 223 =$ _____.
- b. $160 + 160 =$ _____.
- c. $115 + 115 =$ _____.
- d. $315 + 315 =$ _____.

- e. $117 + 117 =$ _____.
- f. $450 + 450 =$ _____.
- h. $112 +$ _____ $= 224$
- g. $116 +$ _____ $= 232$



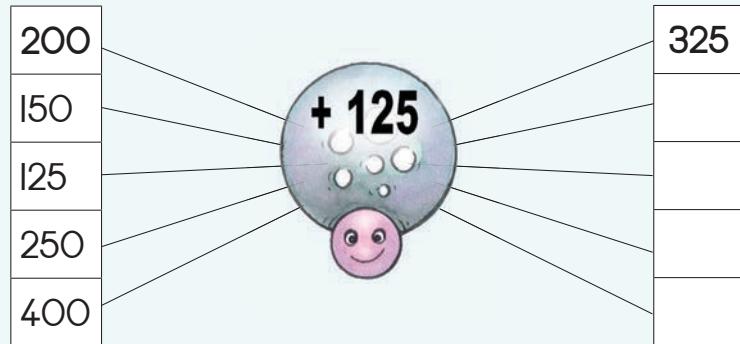
Bhala amanani

- a. i-12 ngaphezu kwama-523 lenza _____.
- b. i-15 ngaphantsi kwama-540 lenza _____.
- c. ama-20 ngaphezu kwama-576 enza _____.
- d. ama-60 ngaphantsi kwama-590 enza _____.

- e. 537 thabatha 29 _____.
- f. isiqingatha sama-300 li- _____.
- g. ama-420 aphindwe kabini _____.
- h. isiqingatha sama-600 ngama- _____.



Dibana
125





Lenziwa yintoni i-1000?

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

Khangela iintsapho zamanani zokut noku—

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



Qwalasela!
Thelekisa!
Lungisa!

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

Dibanisa uze uthabathe 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 apheleleyo (Iziphindwa ze-10)

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

Bala oku kulandelayo:

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



110

Umhla:

Iphazile zokulunganisa

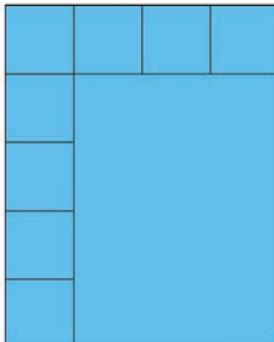
Ikota 4



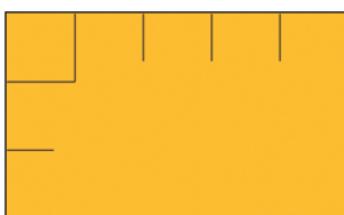
Fumana ieriya

Zingaphi izikwere ezinobu bukhulu ezifunekayo ukuze zigqume umfanekiso ngamnye ngokupheleleyo? Zicingele ngokwakho indlela onokubala ngayo. Ungazoba izikwere phezu kwemifanekiso ukuze ukwazi ukubala.

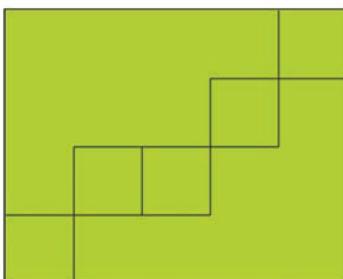
a.



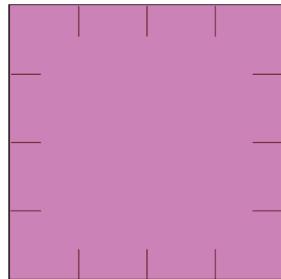
b.



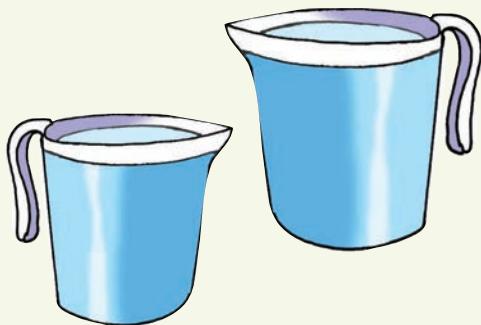
c.



d.



Sombulula eli qhina



Ufuna ukulunganisa iilitha ezi-4 nqo zamanzi.

Unezhkhongozeli ezibini: esinye sithatha iilitha ezi-3 esinye sithatha ezi-5. Ungenza njani?

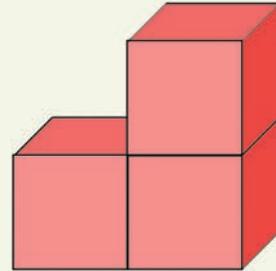
Umkhondo: zimbini iindlela onokwenza ngazo.



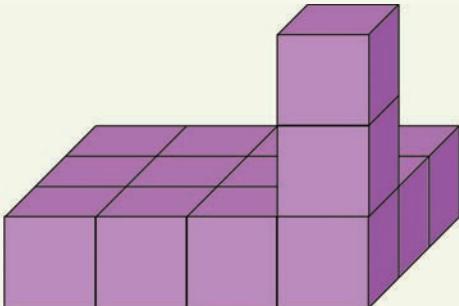
Ubona ntoni?

Kuncanyathiselwe iibloko ezintathu zadityaniswa kulo mfanekiso.

Ukuba uthatha iibhoko ezidityanisiweyo, zingaphi izikwre ozibalayo ngaphandle? _____



Bala iityhubhu



Zingaphi iityhubhu ezenza le milo?



Umngeni: iqhina lexesha

Imikhondo

Uneesanti ezimbini zokulinganisa ixesha. Enye ithatha imizuzu esi-7 nqo, ze enye ithathe imizuzu eli-11. Ungazisebenzisa njani ezi santi zokulinganisa ixesha xa ufunu ukuqonda ukuba iphele nini imizuzu eli-15?

Qwalasela!
Thelekisa!
Lungisal!



III



Umhla:

Iipatheni zamanani: amashumi ukuya kuma-900

Ikota 4

Masibale ngamashumi ukusuka kuma-810 ukuya kuma-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



Amanani anezangqa asibonisa eziphi iipatheni?

Anezangqa ezibomvu: Sibala nge _____.	Bhala ipatheni: _____
Anezangqa eziluhlaza: Sibala nge _____.	Bhala ipatheni: _____



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. $855 - 10 =$ _____



Zingaphi iinkuni?

Kukho iinkuni ezilishumi



enyandeni



1	= _____ iinkuni
2	= _____ iinkuni
3	= _____ iinkuni
4	= _____ iinkuni
5	= _____ iinkuni
6	= _____ iinkuni
7	= _____ iinkuni
8	= _____ iinkuni
9	= _____ iinkuni
10	= _____ iinkuni

10	= _____ iinkuni
20	= _____ iinkuni
30	= _____ iinkuni
40	= _____ iinkuni
50	= _____ iinkuni
60	= _____ iinkuni
70	= _____ iinkuni
80	= _____ iinkuni
90	= _____ iinkuni
100	= _____ iinkuni



Imigca yeenkuni.

Kukho iinyanda zeenkuni ezilishumi emgceni =
iinkuni ezili-100



Umgca o-1 weenyanda ezili-10 = ziinkuni ezili-100

$$10 \times 10 = 100$$

Imigca emi-2 yeenyanda ezili-10 = ziinkuni ezi- _____

$$20 \times 10 = _____$$

Imigca emi-4 yeenyanda ezili-10 = ziinkuni ezi- _____

$$40 \times 10 = _____$$

Imigca eli-10 yeenyanda ezili-10 = ziinkuni ezi- _____

$$100 \times 10 = _____$$



Zingaphi iinyanda?

Iinkuni ezi-700 zenza iinyanda ezi- _____ .



Iinkuni ezi-900 zenza iinyanda ezi- _____ .

Iinkuni ezi-1 000 zenza iinyanda ezi- _____ .



Teacher:

Sign:

Date:

II2

Umhla:

Sondeza kwelona 10 lisodeleyo

Ikota 4

Kwiphepha elingaphambili lemisebenzi sifunde ngokusondeza okanye ukuweza. Jonga lo mgca-manani uze uchazele umhlobo wakho ukuba ungasondeza njani kwishumi elikufuphi.



Khumbula ukuba kufuneka ujonge imivo xa usondeza kwelona shumi likufuphi.

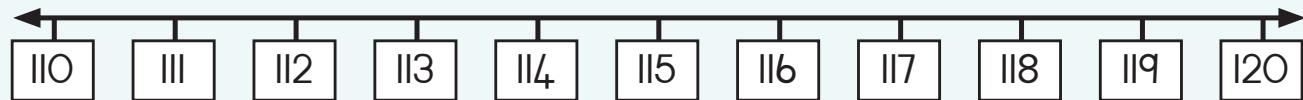


Sondeza kwelona shumi likufuphi.



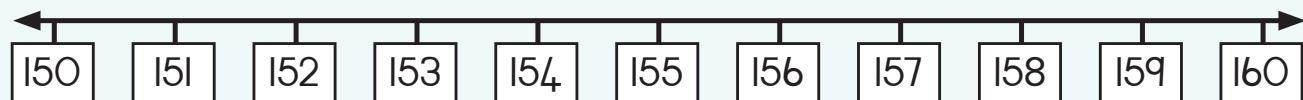
i-II4 elisondeziweyo li- _____

i-II7 elisondeziweyo li- _____



i-I59 elisondeziweyo li- _____

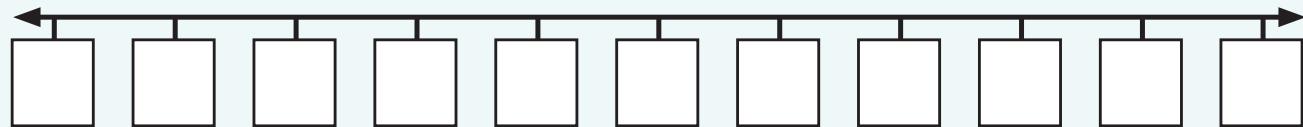
i-I51 elisondeziweyo li- _____



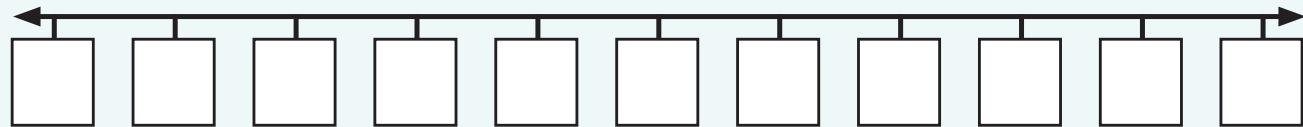
Sondeza kwelona shumi (10) likufuphi.

Zenzele umgca-manani wakho.

I95



945





Sondeza kwi-10 elikufutshane.

Phambi kokuba usondeze inani:

- bhala phantsi ukuba liphakathi kwawaphi amashumi eli nani liza kusondezwa.
- bonisa ngotolo ukuba eli nani liza kusondezwa lindawoni na kumgca-manani.

a. Xa i-128 lisondezwa kwishumi elikufutshane liba li-130.



b. 877



c. 901



d. 566



e. 999



Sondeza la manani alandelayo kwi-10 elikufutshane.

a. 161 b. 583 c. 415 d. 848 e. 612

f. 230 g. 327 h. 989 i. 534 j. 748



Kufuneka ndibe nee-RIO ezingamaphepha ezingaphi?

UMbali nabahlobo bakhe abasi-8 bay a kumbhiyozo wosuku lolonwabo esikolweni. Olu suku lolonwabo luhlawulelwa ii-R4 ngumntu ngamnye. UMbali ebezicinele imali waze waxelela abahlobo bakhe ukuba uza kubabhatalela. Waya kwi-ATM ukuya kukhupha imali.

I-ATM ikhupha imali engamaphepha kuphela?

Kufuneka abe nee-RIO ezingamaphepha ezingaphi?



Teacher:
Sign:
Date:

II3

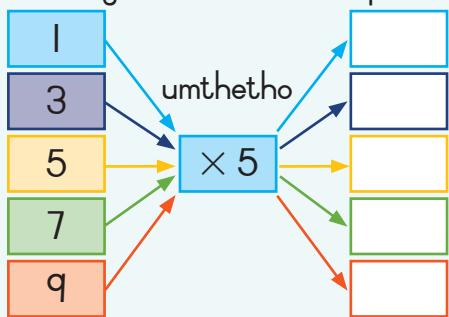
Ukuphinda-phinda nokwahlula: izihlanu ukuya kwi-100

Ikota 4



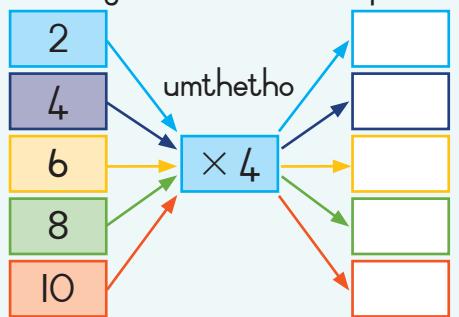
Gqibezela izazobe zesigcawu.

esikufakayo



isiphumo

esikufakayo



Umhla:



Gqibezela itheyibhile engasezantsi:

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



Bala:

$$12 \times 5$$

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

$$11 \times 5$$

$$13 \times 5$$

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

$$13 \times 5$$



$$45 \div 5$$

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

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

$$= 8 + 1$$

$$= 9$$

$$75 \div 5$$

$$48 \div 5$$

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

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

$$= 8 + 1 \text{ int s } 3$$

$$= 9 \text{ int s } 3$$



Bala ezi zibalo:

Igadi yemifuno inemiqolo eli-14 yezityalo.

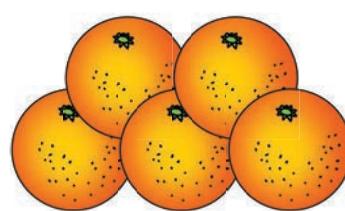
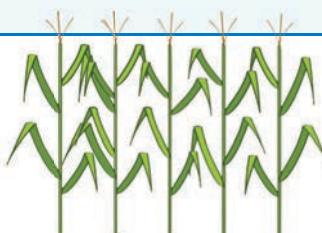
Umqolo ngamnye unenani elilinganayo lezityalo.

Ukuba kukho izityalo ezi-70, zingaphi izityalo ezikumqolo ngamnye?

UDavid uthengisa iingxowa ezineorenji ezintlanu inye.

Uneeorenji ezingama-85.

Zingaphi iingxowa anokuzizalisa?





Ipathereni zamanani: izihlanu ukuya kwi-1 000

Masibale ngezihlanu ukusuka kuma-805 ukuya kuma-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



Asibonisa eyiphi ipathereni amanani abiyelwego?

Anezangqa ezizuba:	Ukubala nge _____.
Bhala ipathereni:	
Anezangqa ezimsobo:	Ukubala nge _____.
Bhala ipathereni:	



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 yamanani ukusuka kuma-901 ukuya kwi-1 000.

901		903	904	905	906		908	909	910
911		913	914	915	916		918	919	920
921		923	924	925	926		928	929	930
931		933	934	935	936		938	939	940
941		943	944	945	946		948	949	950
951		953	954	955	956		958	959	960
961		963	964	965	966		968	969	990
971		973	974	975	976		978	979	990
981		983	984	985	986		988	989	990
991		993	994	995	996		998	999	1 000



Fakela amanani angekhoyo.

Yintoni umahluko phakathi kwamanani aluhlaza namsobo akumgca omnye?



Gqibezela iipatheni.

Uyayiqaphela ipatheni?	Yichaze.
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, _____	



Okunye ngolingo macala

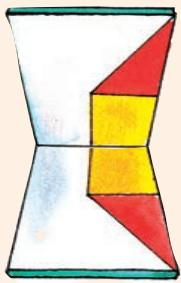


Ispili, ispili.

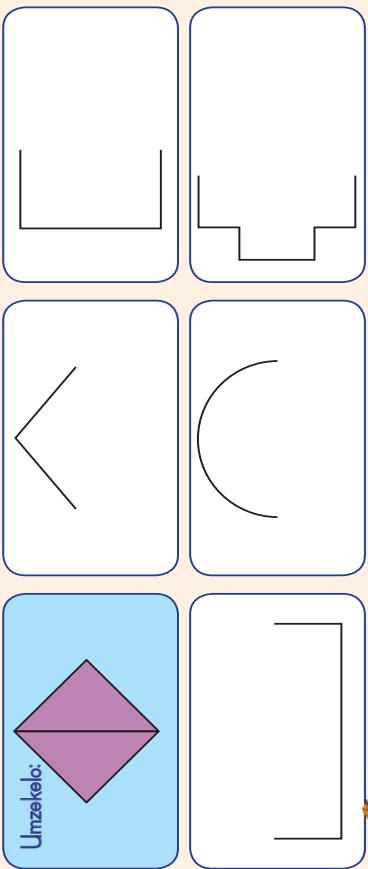
Dila nomhlabo ngokusebenisa enye jeeseti zeephazili zeethayili lenamaqhekeza ali-14 ethathwe kumsiko 10.

Umdlali ngamtye unesiqingatha samaqhekeza (amaqhekeza asi-7) eemilo zephazili ezithayili Makungablikho maqhekeza angoomatwatotse.

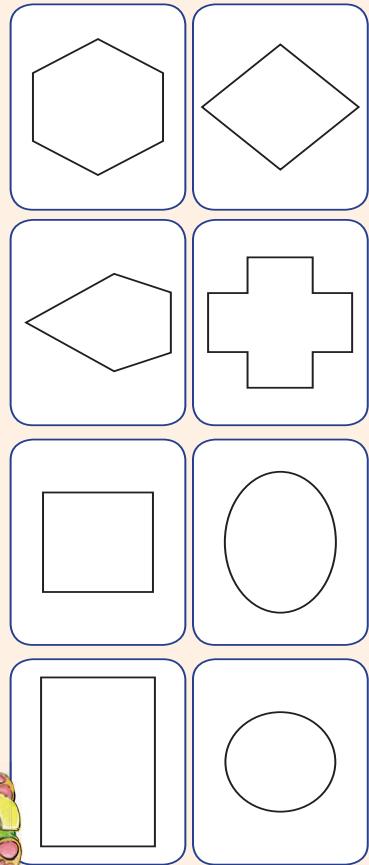
Krwela umgca ehafini yephepha. Oku kungaba "ngumgca wesithunzi". Umdlali wokuqala ubeka elinye lamaqhekeza akhe ecaleni komgca. Umdlali wesibini ngoku ubeka isithunzi solo kwelinje icala longca. Kufuneka lichukumise umgca okanye enye imilo eseeyebikiwe. Qhuba ade onke amaqhekeza asteyenziswe.



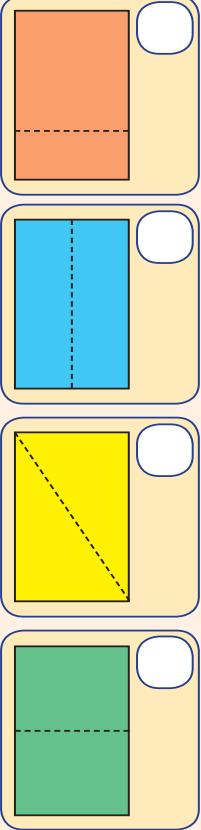
Zoba elinye icala lemo.
Ngoku bonisa umgca ofana ncama.



Umzekele.

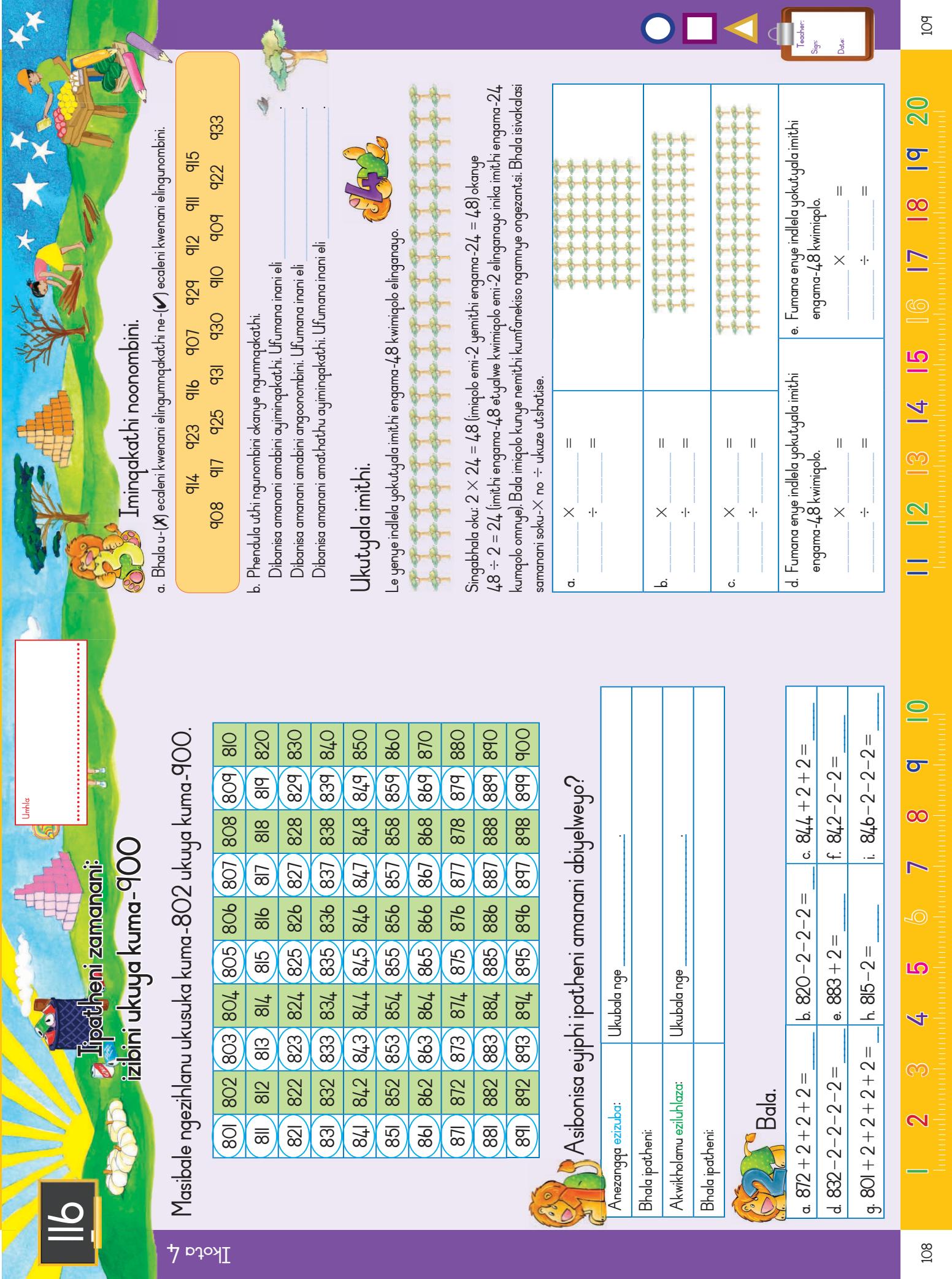


Phawula (✓) iimilo ezinemigca echanekeleyo kamatwatotse.



11 12 13 14 15 16 17 18 19 20

1 2 3 4 5 6 7 8 9 10



16

Ilkota 4

Tipatheni zamani: izibini ukuya kuma-900

Masibale ngezihlanu ukusuka kuma-802 ukuya kuma-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



Asibonisa eyiphi ipatheni amanani abiyeleweyo?

Anezaengqa ezižuba:

Bhala ipatheni:

Akwlkholaamu ezelħħla:

Bhala ipatheni:

Ukkubala nge _____.



Bala.

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

Iminqakathi noonombini.

a. Bhala u-(X) ecaleni kwenani elingumnaqakathi ne-(✓) ecaleni kwenani elingunombini.

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

- b. Phendula utħi ngunombini okaru ngumnaqakathi.
Dibonisa amanani amabini ayiminqakathi. Ufumana inari ēli _____.
Dibonisa amanani amabini angoonombini. Ufumana inari ēli _____.
Dibonisa amanani amathathu ayiminqakathi. Ufumana inari ēli _____.

Ukutujala imithi.

Lejenye indella yokutujala imithi engama-48 kwmiqolo elinganay.



Singabħala oku: $2 \times 24 = 48$ (imiqolo emi-2 yemithi engama-24 = 48) okanye $48 \div 2 = 24$ (imithi engama-48 etjudaw kwmiqolo emi-2 elinganayo inika imithi engama-24 kumqolo omnej). Bala imiqolo kunye nemithi kumfanekiso ngamnuy ongeżantsi. Bhala isivakalasi samanoni soku-X no ÷ ukuze utshatuse.



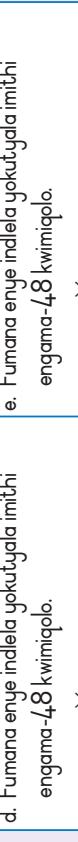
a. _____ × _____ = _____
_____ ÷ _____ = _____

b. _____ × _____ = _____
_____ ÷ _____ = _____

c. _____ × _____ = _____
_____ ÷ _____ = _____



d. Funana enye indella yokutujala imithi engama-48 kwmiqolo.
_____ × _____ = _____
_____ ÷ _____ = _____



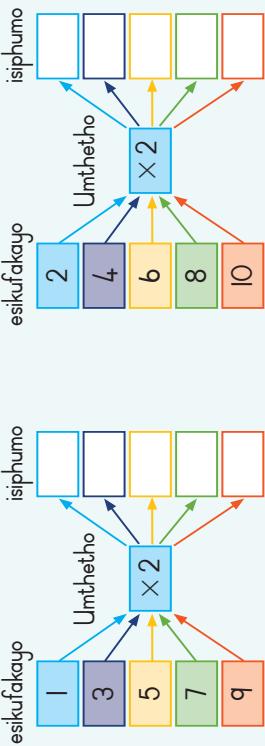
e. Fumana enye indella yokutujala imithi engama-48 kwmiqolo.
_____ × _____ = _____
_____ ÷ _____ = _____

Ukuphindaphindanokwahlula: izibini ukuya kwi-100



Iktota 4

Gqibezele izazobe zesiċawu.



Gqibezele iħejibhile engasezantsi:

×	1	2	3	4	5	6	7	8	9	10
2										
12										
24										
36										

117

$$46 \div 2$$

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

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

$$= 20 + 3$$

$$= 23$$

$$47 \div 2$$

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

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

$$= 20 + 3$$

$$\text{ints } 1$$

$$75 \div 2$$

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



Bala ezi zibalo:

Istiqaq semifuno sinemiqlo ngama-32 yezitjalo.

Umqolo ngammye unezitjalo ezi-2.

Zingaphi izitjalo ezesetiġiġen?

Istiqaq semifuno sinemiqlo ngama-40 yezitjalo.

Umqolo ngammye unerani ellieg ganqo leżiġtjalo.

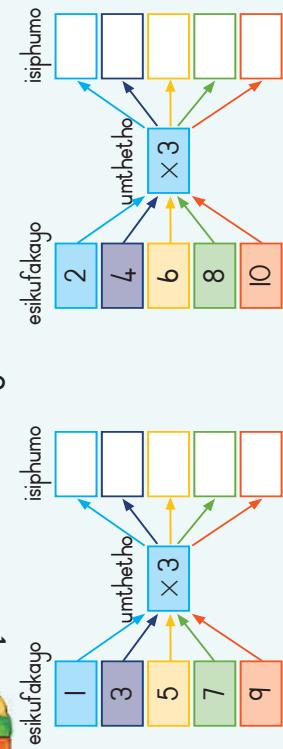
Ukuba lukħo iziġjalo ezingama-80, zingaphi iziġjalo eżiġumqolo ngammye?



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

Ukuphindaphinda nokwahlu: izithathu ukuja kwi-100

Gqibezele izazobe zesiċċawu.



Gqibezele itheybile engasseżantsi:



Ilkota 4

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

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

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

Bala:



$$11 \times 3$$

$$19 \times 3$$

$$17 \times 3$$

$$15 \times 3$$

$$13 \times 3$$

$$11 \times 3$$

$$9 \times 3$$

$$7 \times 3$$

$$5 \times 3$$

$$3 \times 3$$

$$1 \times 3$$

$$10 \times 3$$

$$8 \times 3$$

$$6 \times 3$$

$$4 \times 3$$

$$2 \times 3$$

$$1 \times 3$$

$$19 \times 3$$

$$17 \times 3$$

$$15 \times 3$$

$$13 \times 3$$

$$11 \times 3$$

$$9 \times 3$$

$$7 \times 3$$

$$5 \times 3$$

$$3 \times 3$$

$$1 \times 3$$

$$10 \times 3$$

$$8 \times 3$$

$$6 \times 3$$

$$4 \times 3$$

$$2 \times 3$$

$$1 \times 3$$

$$19 \times 3$$

$$17 \times 3$$

$$15 \times 3$$

$$13 \times 3$$

$$11 \times 3$$

$$9 \times 3$$

$$7 \times 3$$

$$5 \times 3$$

$$3 \times 3$$

$$1 \times 3$$

$$10 \times 3$$

$$8 \times 3$$

$$6 \times 3$$

$$4 \times 3$$

$$2 \times 3$$

$$1 \times 3$$



U Mandisa uneelkese ezingama-30.

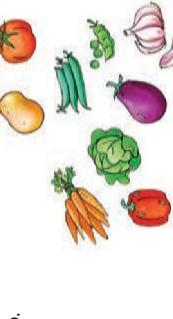
Eli nari iziphinda kalishumi anazo u Jdbu.

Zingaphilikese anazo u Jdbu?

Igadi yemifuno inemiqolo engama-29 yeżiżyalo.

Umqolo ngammie uneziżyalo ezi-3.

Zingaphilizitjyalo eżisegadini?

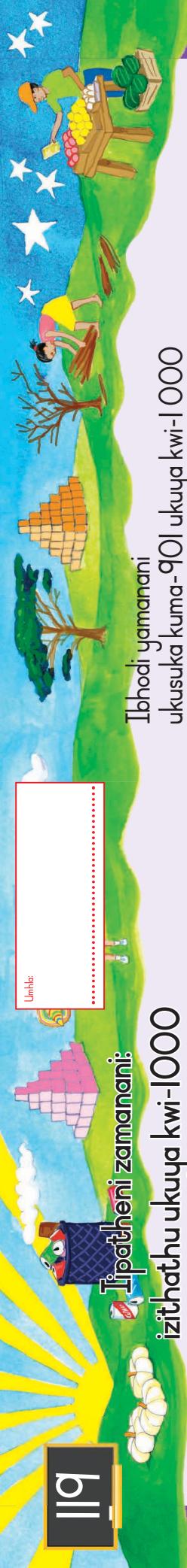


U Mandisa uneelkese ezingama-30.

Eli nari iziphinda kalishumi anazo u Jdbu.

Zingaphilikese anazo u Jdbu?

11 12 13 14 15 16 17 18 19 20



Ipatheni zamani: izithathu ukuya kwi-1000

Masibale ngezithathu ukusuka kuma-803 ukuya kuma-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

Ikota 4

Ibodi yamanani
ukusuka kuma-901 ukuya kwi-1000

901		903	904		906	907		909	910
		912	913		915	916		918	919
		921	922		924	925		927	928
		931		933	934		936	937	
				942	943		945	946	
						954	955	957	958
						963	964	966	967
							972	973	975
								976	978
									979

Fakela amanani angekhoyo.

Fakela umbala oluhaza kwibilo zamanani ashuyweyo. Fakela umbala obomvu kwibilo ezimhlophe ezinamanani. Yejiphi ipatheni oyibonayo?



a. Dibanisa izithathu ezi-4 kuma-981.

b. Dibanisa izithathu ezi-5 kuma-973.

c. Thabatha izithathu ezi-4 kuma-975.

d. Thabatha izithathu ezi-3 kuma-947.

e. Dibanisa izithathu ezi-2 kuma-932.

q84, q87, q90, q93

q96, q97, q99, 1000



Amanani anezangqqa asibonisa eyiphi ipatheni?

Anezangqqa eziorenji:

Bhala ipatheni:

Anezangqqa ezihlaza:

Bhala ipatheni:

Bala.

Bala.

Bala.

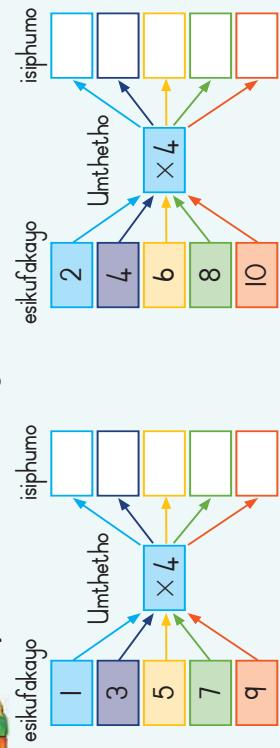
Bala.

Bala.

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

Ulkuphindā-phindā nokwahluā; izine ukuyā kwi-100

Gqibezela izazobe zesiċawu.



Gqibezela itħeyibħile engassezantsi:

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

Iktotla 4

$$48 \div 6 = 8$$

$$= (40 + 8) \div 4$$

$$= (40 \div 4) + (8 \div 4)$$

$$= 10 + 2$$

$$= 12$$

$$45 \div 4 = 11$$

$$= (40 + 5) \div 4$$

$$= (40 \div 4) + (5 \div 4)$$

$$= 10 + 1$$

$$= 11$$



U David uħengħisa iż-paketh eżineoreniżi eżine innej.

Uneorenji eżingħana 88.

Angazdilisa iż-paketh eżingaphi?

U Tony unelekkese eżingħama-3b.

Utya illekkese eżi-4 ngemini.

Uza kuttu illekkese iż-itsuk u eżingaphi?



Bala ezi zibalo:

U David uħengħisa iż-paketh eżineoreniżi eżine innej.

Uneorenji eżingħana 88.

Uza kuttu illekkese iż-itsuk u eżingaphi?



$$12 \times 4$$

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

$$= 40 + 8$$

$$= 48$$

$$15 \times 4$$

$$13 \times 4$$

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

$$= 30 + 12$$

$$= 30 + 10 + 2$$

$$= 52$$

Ipathəni zamənani izne ukuya kwi-1 000

Masibale ngezine ukusuka kuma-804 ukuya kuma-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

Amanani anezangqa asibonisa eziphi iipathəni?



Anezangqa eziñəħoza: Ulkubala nge _____

Bħala ipathəni:

Anezangqa eziñsobu: Ulkubala nge _____

Bħala ipathəni:

- a. $872 + 4 + 4 + 4 =$ _____
- b. $821 - 4 - 4 - 4 =$ _____
- c. $840 + 4 + 4 =$ _____
- d. $836 - 4 - 4 - 4 =$ _____
- e. $885 + 4 =$ _____
- f. $845 - 4 - 4 =$ _____
- g. $803 + 4 + 4 + 4 =$ _____
- h. $83 - 4 =$ _____
- i. $847 - 3 - 3 - 3 =$ _____

Ibħodi yamamani ukususela kuma-901 ukuya kwi-1 000

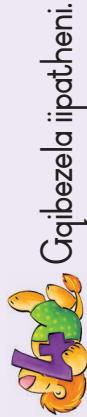
Umhix

901	902	903	904	905	906	907	908	909	
911	912	913		915	916	917		919	q20
921		923	924	925		927	928	927	
931	932	933		935	936	937		939	q40
941		943	944	945		947	948	949	
951	952	953		955	956	957		959	q60
961		963	964	965		967	968	969	
971	972	973		975	976	977		979	q80
981	982	983	984	985		987	988	989	
991	992	993		995	996	997		999	1000

Fakela amanani angekħojo.



Fakela amanani angekħojo. Fakela umħala olħażza kwiċċibko zamana ni angekħojo. Fakela umħala obrovu kwiċċibko eżim hlo phe eżin manan. Ubona ejiphi iipathəni?



a. Dibaniса izne ezi-4 kuma-980. 984, 988, 992, 996

b. Dibaniса izne ezi-5 kuma-971. _____

c. Thabatha izne ezi-4 kuma-963. _____

d. Thabatha izne ezi-3 kuma-927. _____

e. Dibaniса izne ezi-2 kuma-938. _____





UmHa:

Inxaleny

ezilinganayo zento ephelleyo

Isinqingathha esinye, nokuba sisikwe njani.



Sika iingxande kwphepha
elinemibala (ku Misiko II).

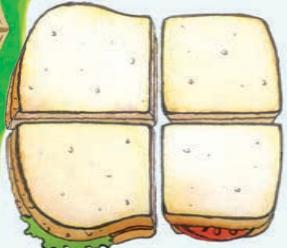
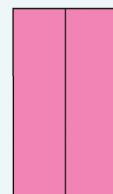


Funa indella ezahlukkileyo zakwenza isiqingatha esinye.

1. Song uxande oluphepha ehafini ngokobule balo. Liske ehafini kule ndawo lisonqwe kulo. Inxalenyen nganqe ilingana neny. Inxalenyen nganqe sisinqingatha sephephala lokudala.

2. Song elinye iphepha ehafini ngokuxwesiyeo. Liske ehafini kule ndawo lisongwe kulo. Inxalenyen nganqe ilingana neny. Inxalenyen nganqe sisinqingatha sephephala lokudala.

3. Yesiphi enye indella yokwahlula iphepha libe ziinxalenyen ezimbi ni ezilinganayo? Sebenzisa isikere nephepha uzame oku, uze uzobe emggeni osonge kuwo waza wasika.



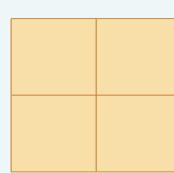
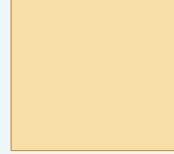
Amaqebengwane esonka
esidlo sasemini.

Uthabo nadahlebo bakhe benza izonka ezini zesiido sasemini.

Baziska zibe zizine okanye ilkota.

Oku kuthetha ukuba basiska zibe ngamaqhekeza amane alinganayo.

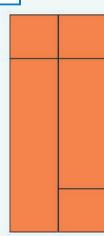
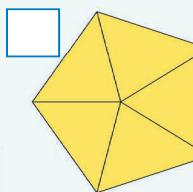
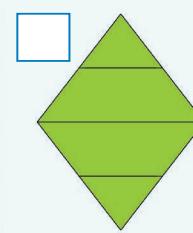
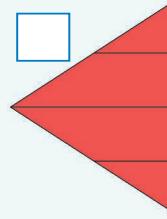
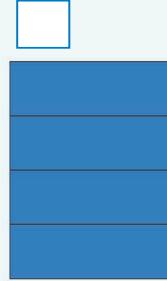
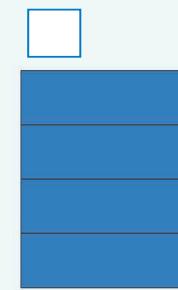
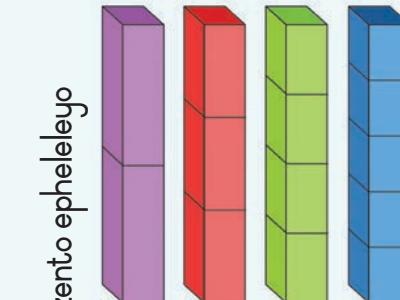
Nantsi enye indella. Bonisa ezinye iindella ezi-3 ongakwenza ngazo oku.



Ukwahlula ibe zizine.

Xa sisikaito ibe zilkota ($\frac{1}{4}$), siyahulu ibe ziinxalenyen ezine ezilinganayo.

Phawula (\checkmark) imfaneekiso engezantsi ebonisa ilkota okanye izine.

Teacher:
Sign:
Date:

Ezinye iinxalenyen ezilinganayo zento ephelleyo

Xa sisahlula into ibe ziinxalenyen ezi-2 ezilinganayo, ezo
nxalenyen sizibiza ngokuba ziziqingatha okanye "ihafu".

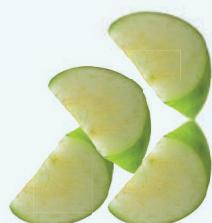
Xa sisahlula into ibe ziinxalenyen ezintathu ezilinganayo,
ezo nxalenyen sizibiza ngokuba ziziqhathu.

Xa sisahlula into ibe ziinxalenyen ezine ezilinganayo, ezo
nxalenyen sizibiza ngokuba zizine okanye ilkota.

Xa sisahlula into ibe ziinxalenyen ezilinganayo ezintlanu, ezo
nxalenyen sizibiza ngokuba zizihlanu.

Izibalo zamaqhezu

Xoxa ngamaqhezu nabahlobo bakhō,



Unha:

b. Umama wam unika mna nabahlobo bam abali-II ikota yeqapile umntu emnye.

Kufuneka abe nama-apile amangaphi?

Ngawaphi amanani okanye amaqhezu kwezi sibalo?

Leliphi igama eliphambili?

Zoba umfanekiso.



Sombulula ngokunka iimpendulo zale mibuzo nangokuzoba imifanekiso.



a. Umqeqeshi webhola yomnyazi unika umdidi isiqingathha seerij. Kukho abadli abali-II.

Zingaphi ilorenji ezifunekayo?

Uthini umbuzo?

Ngawaphi amanani okanye amaqhezu dkwesi sibalo?

Leliphi igama eliphambili?

Zoba umfanekiso.

Igama eliphambili igama eliza kundineda ekukhetheni isidalo esichanekelego.



Itihini iimpendulo?

c. Kwithoko lasesikolweni bebetengisa ilkeyki eziskwe zangamaqhekeza amathathu inge.

Kuthengiswe iqhezu kubantu ubangama-24.

Zingaphi ilkeyki ezithengisivejo?

Ngawaphi amanani okanye amaqhezu dkwesi sibalo?

Leliphi igama eliphambili?

Zoba umfanekiso.

Itihini iimpendulo?

Itihini iimpendulo?

| 2 3 4 5 6 7 8 9 10 |

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



124

IIkota 4

Tzinto ezinemilinganiselo engu-3-D

Jong'a imifanekiso.
Leliphi iqela ellibonisa ibhola, iislinda neebhoksi.



Khangela imifanekiso emibini yento ngany'e uze
uyincamat helise ngezantsi.



Khwela umgca kwimpendulo echane kileyo.

- Itumato imile okwebhola/bhokisi/silinda.
- Iglasses yokusela imile okwebhola/bhokisi/silinda.
- Inewadi imile okwebhola/bhokisi/silinda.



Ethe tse negobileyo.

Ezinye izinto eziqinileyo zinemiphezulu emcaba. Ezinye zinemiphezulu egobileyo.

Isilindia ineembuso ezimbini ezimcaba nobuso obunye obugobileyo.	Ikhouni inobuso obunye obumcaba nobunye obugobileyo.	Isangqa sigobe macala onke.

Iyaqengqeleteka

Cingangendlela enokuqengqeleteka ngayo iislinda, ikhouni okanye isangqa.
Kwezi zinto zingu-3, yejiph:

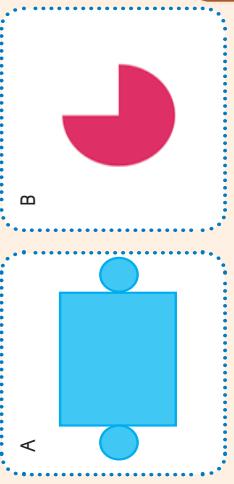


- Engendkuqengqeleteka kude?
- Enokuqengqeleteka emaceni otthe tyet?
- Enokuqengqeleteka nakweliphi icala?



Yintoni inethi?

Imilo emcaba enokusongeka yenze imilo
eqinileyo ibizwa ngokuba yinethi.



Bhala unobumba wenethi enokusongwaibe yikhouni _____

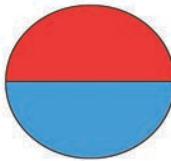
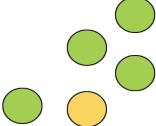
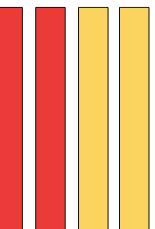
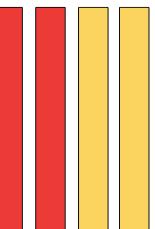
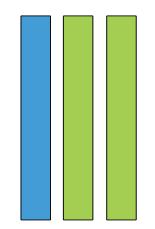
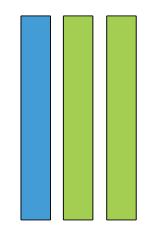
Bhala unobumba wenethi enokusongwa yenze iislinda _____

11 **12** 3 4 5 6 7 8 9 10 **14** 15 16 17 18 19 20

Amanyə amaqhezu

Xela amaqhezu.

Bhalo iqhezu lomfanekiso ongasezantsi.

	a. Umbala obomvu uleliphī iqhezu? _____	
	b. Umbala duhlaza uleliphī iqhezu? _____	
	c. Umbala szuba uleliphī iqhezu? _____	
	d. Umbala omthubi uleliphī iqhezu? _____	



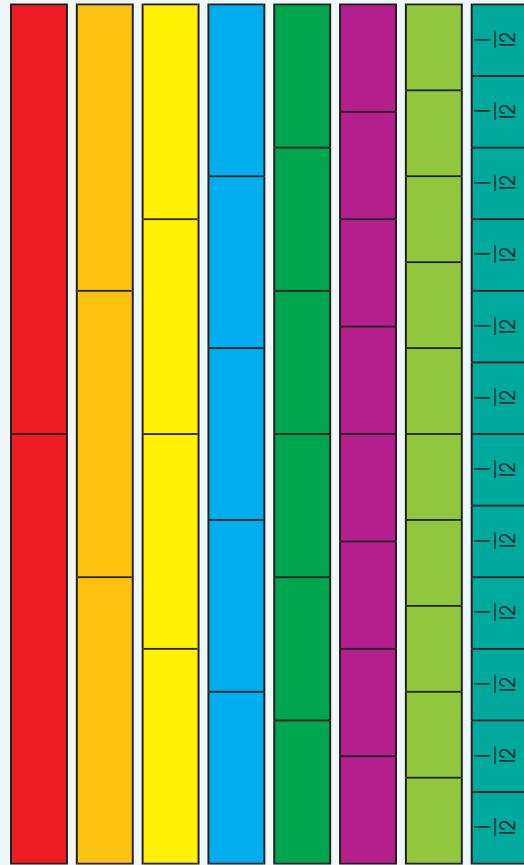
Phendula imibuzo.

a. USizwe unamaqhekeza amane etshokolethi. Unika umhlobو wakhe iqhekeza elinye.
Liqhezu lini letshokolethi elishijekley? _____

b. UYasmin uneorenji ezimbini. Wabelana noAnn ngeorenji enye.
Leiphī iqhezu analo elishijekley? _____

c. UMaria uthenga itshokolethi ezi-5. Uziginela e-, anike ul Mohamed ezi-2 umndakwabo ezi-2.
Liqhezu lini aziginele lona ul Maria? _____

Udonga lwamaqhezu



Umgaca ngamnye wahluwe wazintulu ezilnganay. Umgaca ongasezantsi iwahluwe wazinxye
zeshumi elinambini ($\frac{1}{2}$).

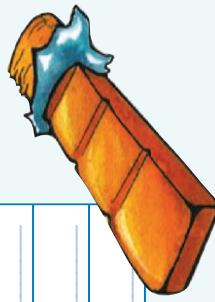
Phawula eminye imiga ngeqhezu elichanelekley.

Sebenisa irula yaktu okanye isipheo sephepha esthe tye ukuze ufumane ukuba ngawaphi na
amaqhezu alinganay; nokuze ikuncede ekuphendulen imibuzo.

Kolu donga lwamaqhezu, khangela zonke indlea ezahlukeneyo ongenza ngazo oku:

a. isiqingathā $\frac{1}{2}$	_____
b. into enye (I) ephelileyo	_____
c. ilkota ezintathū $\frac{3}{4}$	_____

Owalaselal
Theleksal
Lungisal



Teacher:
Sign:
Date:

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

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

Okunye ukuqukanisa nokwabelana



Khangela amakhonko.



a. Epatini abantwana aba-10 yahhluelana ngemicu engama-25 yeelekese.
Yahhula ngokulinganyo. Zoba imfanekiso ikuncede.

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

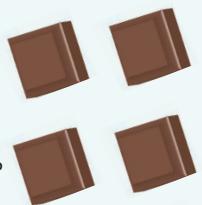


Yaba okushiyekileyo

U Jabo no Lebo bafuna ukwabelana nganaghakeza etsholelethi ali-13. Uza kufumana amaghakezeza amangaphi emnye?



Bangahluelana ngezlikwere ezili-12 eziphelelejyo emnye afumane amaghakeza amathandathu. Iqhekeza elishiyekileyo baldhulu enafini, noko ke emnye unamaghakeza ama-6 1/2.



Emnye ufumana imicu e _____.

b. Yahhula abantwana aba-4 illekese ezingama-37.

Emnye ufumana imicu e _____.

c. Yahhula abantwana aba-5 imicu yeelekese ezingama-48

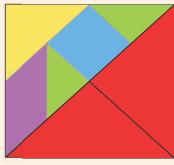
d. Yahhula abantwana aba-10 imicu engama-73.

Emnye ufumana imicu e _____.

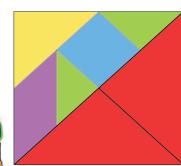
Amaqhezu ethengremu

Ithengremu yiphasile yama Tsajina yakuddala eugenive zimilo ez-7 ezimcoba ezibizwa ngokuba ziitheni, ezithi xo ziditugniswe zense imilo ezazlukenejo.

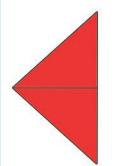
Amaqhezu akwithengremu



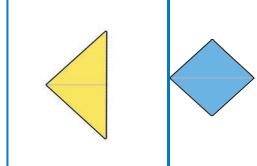
Jongai phazale yethengremu. Unxantathu ngamnye omkhulu kwababini uleiphi iqhezu lesikwere esiphelelejo? (Upink kulo mfanekiso)



Ukuba usongo unxantathu omkye kwababkhulu abe ziinxaletenye ezimbini ezilinganaajo isiqwenga ngasirue silingana nonxantathu ophakathi (umthubu emfanekisweni). Unxantathu ophakathi uleiphi iqhezu lesikwere?



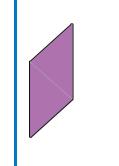
Ukuba usongo unxantathu ophakathi abe ziinxaletenye ezimbini ezilinganaajo, inxalenyenq naqayje ilingana nooxantathu ababini abancinci. (baalulzoa emfanekisweni) Unxantathu ngamnye omncinci uleiphi iqhezu lesikwere esiphelelejo?



Ungadibananisa oonxantathu ababini abancinci uktwenza isikwere esincinci. [Isikwere esincinci steliphi iqhezu lesikwere esiphelelejo (sizuba emfanekisweni)?]



Ungadibananisa oonxantathu ababini abancinci wenze ipharaleogram. [Pharaleogram ileiphi iqhezu lesikwere esiphelelejo?]



Ukusebenzisa ithengremu.

Sika ithengremu ezimbini kumsiko 12 uze uphawule iqhekeza ngalinye ngeqhezu lalo lesikwere esiphelelejo. (Ezi zimilo zethengremu yakuqala.)

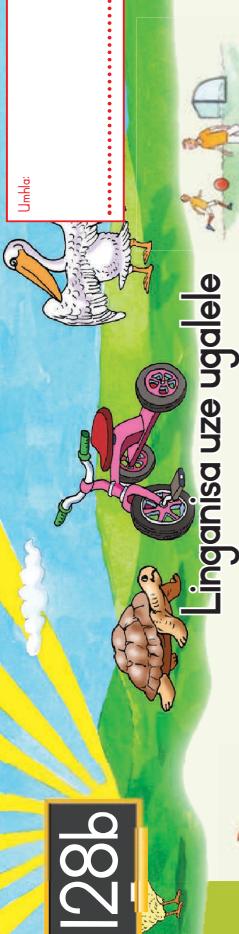
Bhalo igama lakho ngemva kweqhekeza ngalinye ukuze ufumane iqhekeza lakho ukuphela komdallo.

Umdallo wamaqhezu wezabelo ezilinganayo.

Dila nabaddali abo-4 ukuga kwaba-8 usebenzise amaqhekeza ethengremu.

1. Abaddali bayatsintshiselana ukuba ngumthengisi.
2. Umthengisi wenza isigibo malunga neqhezu lethengremu eliza kufaka ngumddali ngamnye engxoweni.
3. Umdallo ujaqashiselua ukuba ukhazo lwemali luza kuvelisa intiloko okanye umsila, aze umthengisi gjule imali phezulu.
4. Umthengisi wabela abo baqashiele kakuhle okusengxoweni ngokulinganayo. (Kungafuneka athengise iqhekeza elinye okanye ngaphezulu ukuze afumane amaqhekeza exabiso ellilinganayo)
5. Intsalela ekhoyeo engendakwabiwa ihlala engxoweni illinde umjikelo olandelajlo.
6. Bonke abadllai bayaqwalaaselua ukuze babone ukuba ngaba kwabiwa ngendella efanelelejeyo na.
7. Ukuba umdallo ufumana impazzamo, umthengisi ubhatola isohlwayo se-/18 sesikwere esipheleleyo kumddali othe wayiqaphelia kugdala oo mpazzamo.
8. Umdallo ongenawo amaqhekeza angathatha kwaseleyo engxoweni.
9. Umdallo uyaqhubeka badde bonke abadllai babe ngabathengisi.





Linganisa uze ugalele



Emdalalweni
Ngexeshala lekhelu umdalli ngamnye usela $i-\frac{1}{4}$ yelitha yejusi.

a. Bangaphi abaddali abanokwabelana?

ngelitha e-1 _____ ngeelitha ezi-4 _____ ngeelitha ezi- $2\frac{1}{2}$ _____

b. Kufureka bade nejusi engakanani?

kubaddali abasi-8 _____ kubaddali dibasi-9 _____ kubaddali abdi-12 _____



Ilittha neemillitha (ml)

$$\begin{aligned} \text{ilittha e-1} &= 1000 \text{ ml} & i-\frac{1}{2} \text{ yelitha} &= \text{ ml} & i-\frac{1}{4} \text{ yelitha} &= \text{ ml} \\ 125 \text{ ml} &= \text{ yelitha} & 50 \text{ ml} &= \text{ yelitha} \end{aligned}$$



Yenza isiqingathha selitha

Phawula (✓) imithamo emi-3 eyenza isiqingathha selitha.

120 ml	140 ml	160 ml	28 ml	240 ml



Ubisi lukulungele!

Yaba ilitha ezi-4 zobisi phakathi:

- Kwabantwana abasi-8. Umntwana ngamnye ufumana ilitha ezi-
- Kwabantwana abali-16. Umntwana ngamnye ufumana ilitha ezi-
- Kwabantwana abali-12. Umntwana ngamnye ufumana ilitha ezi-

Ivenkile yejusi kaBongi

Kwjagi e-l uBongi usebenzisa ikota enye ($\frac{1}{4}$) yekomityu yejusi neekomityu ezi-2 zamanzı.

Bala ukuba uBongi usebenzisa jüssi namanzı angakanani kwijiqi ezi-5 zejusi.

Tijagi	1	2	3	4	5
Ikomitüji zejusi	$\frac{1}{4}$				
Ikomitüji zamanzı	2				



Yenza ilitha

50 ml	100 ml	200 ml	250 ml	500 ml

Zizikhongozelo ezingaphi kwiskhongozelo ngasinye ezenza ilithha enye?

- _____ \times 100 ml
- _____ \times 200 ml
- _____ \times 250 ml
- _____ \times 500 ml
- _____ \times 50 ml



Emva kwethheko.



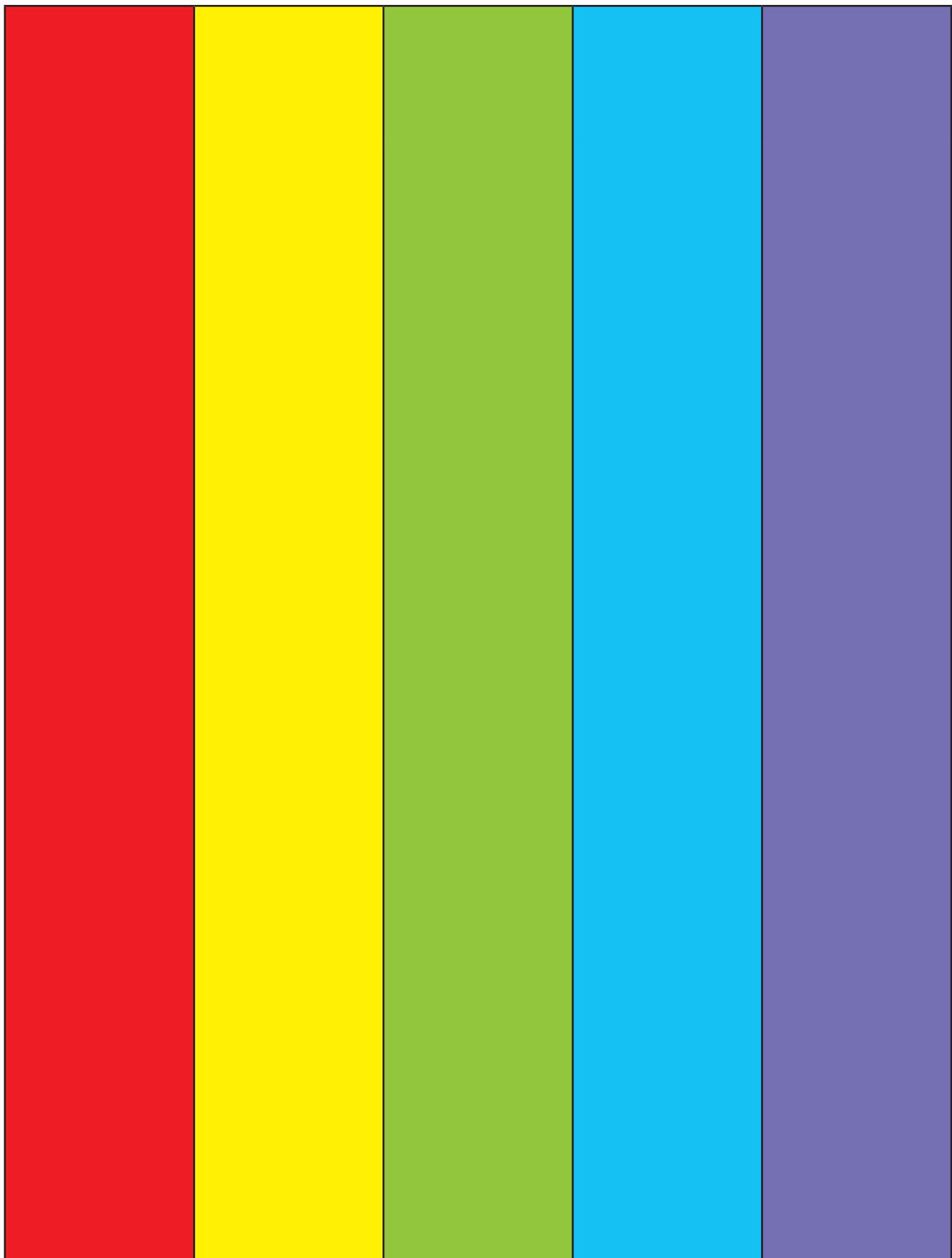
Ubisi lukulungele!

Yaba ilitha ezi-4 zobisi phakathi:

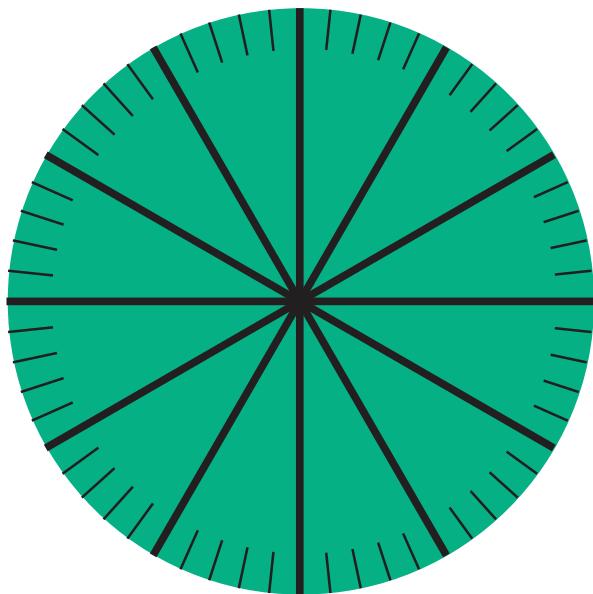
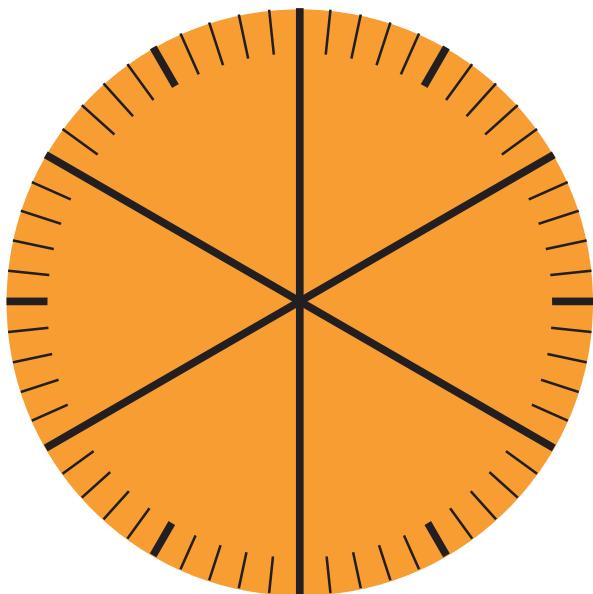
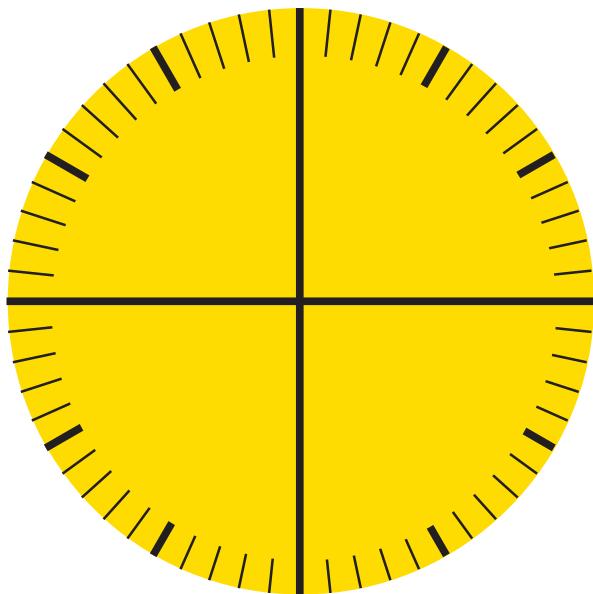
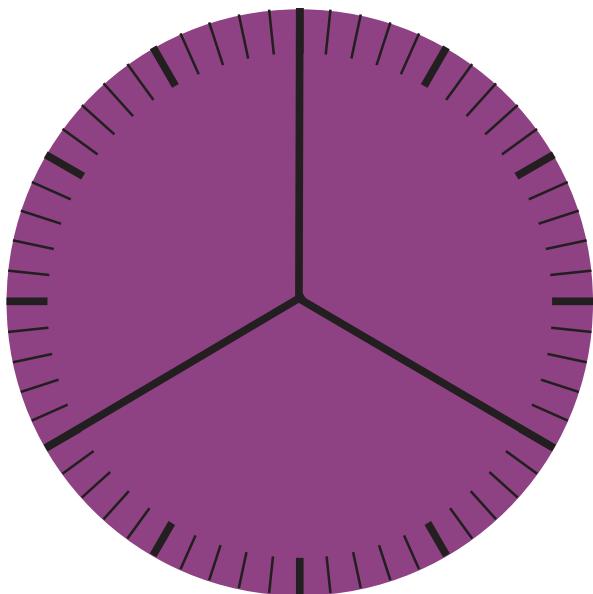
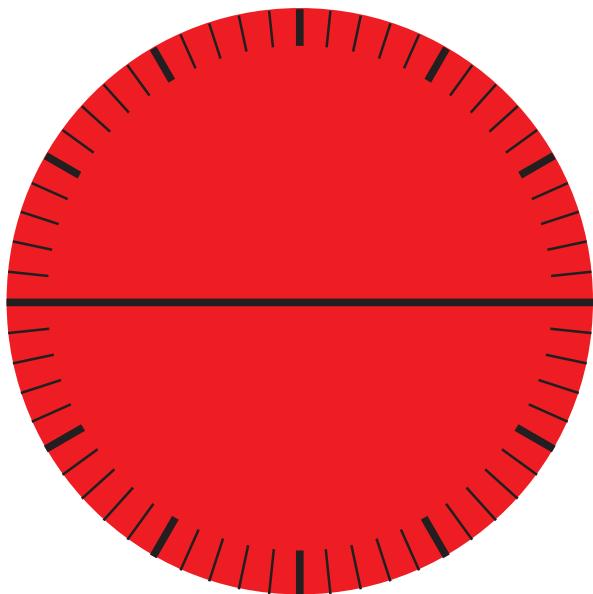
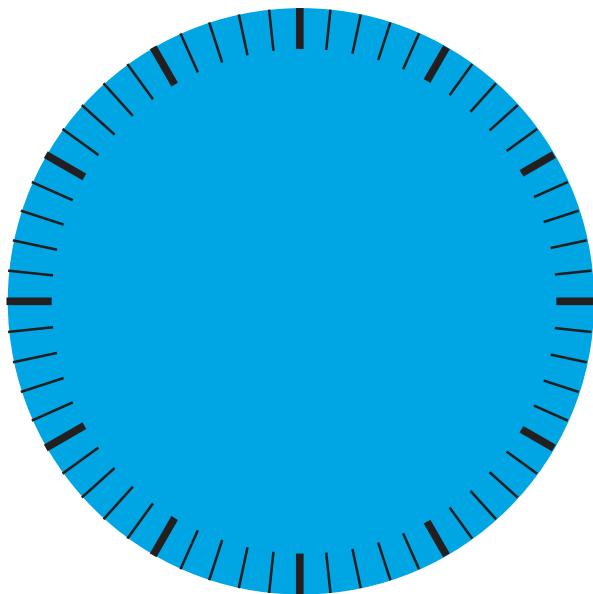
- Kwabantwana abasi-8. Umntwana ngamnye ufumana ilitha ezi-
- Kwabantwana abali-16. Umntwana ngamnye ufumana ilitha ezi-
- Kwabantwana abali-12. Umntwana ngamnye ufumana ilitha ezi-



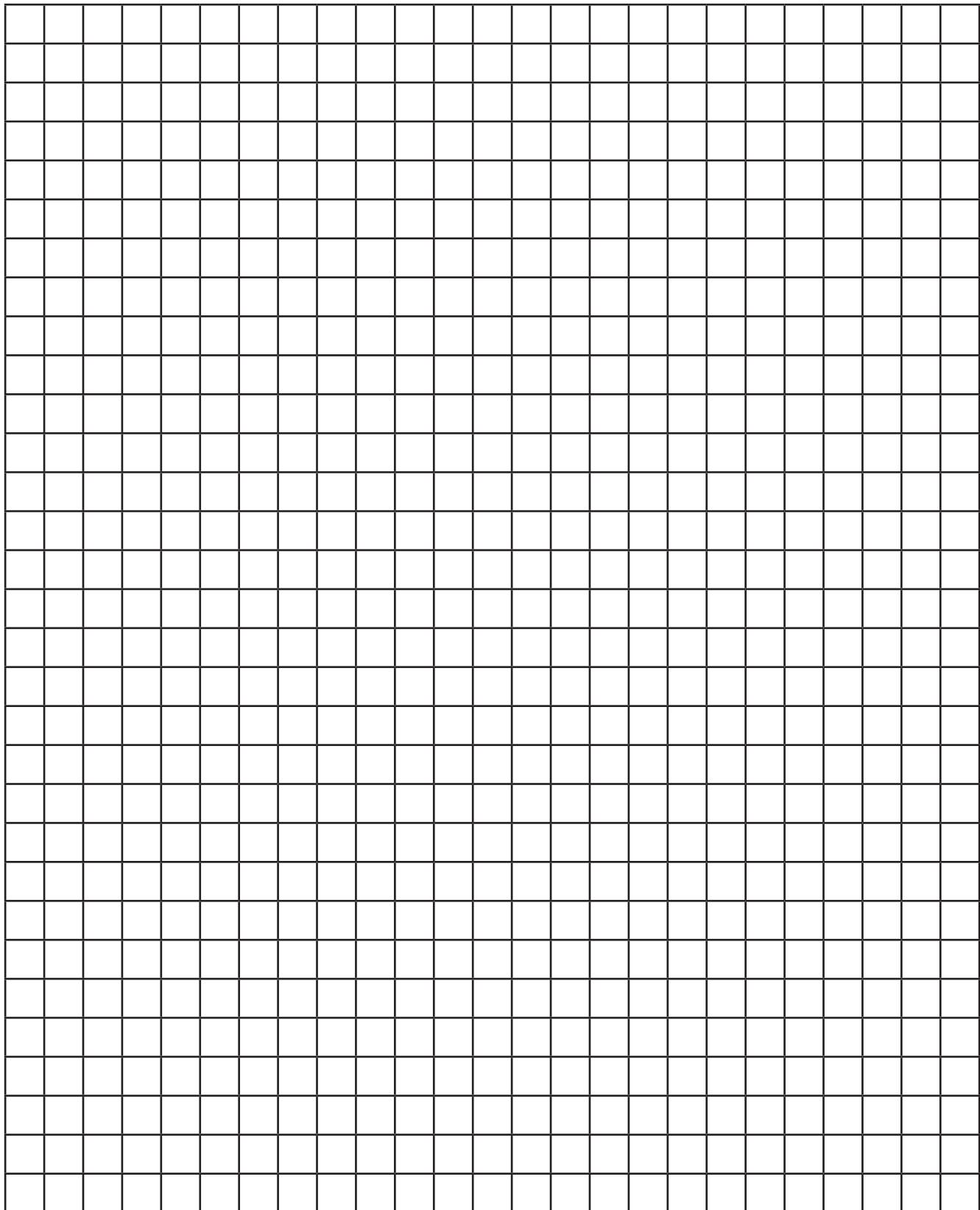
Umsiko 5



Umsiko 6



Umsiko 7

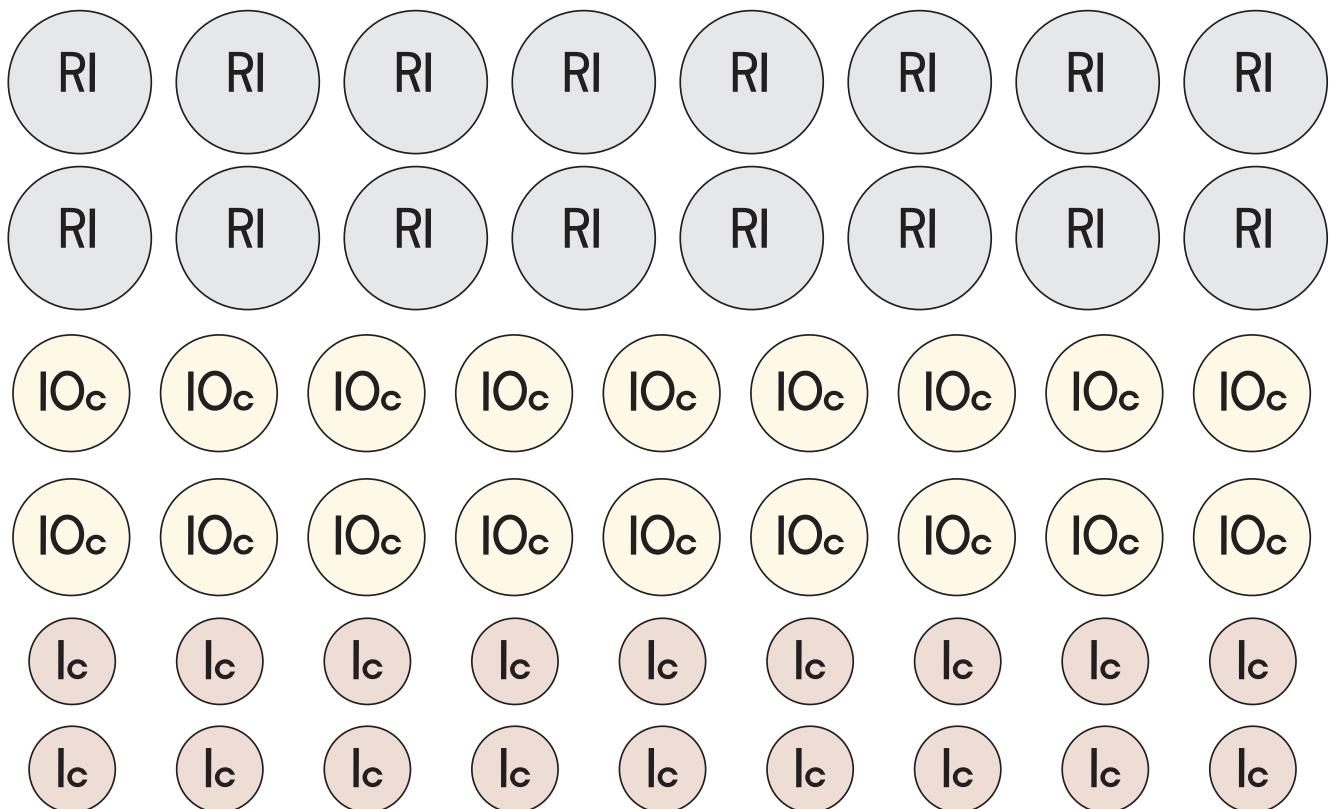


Umsiko 8

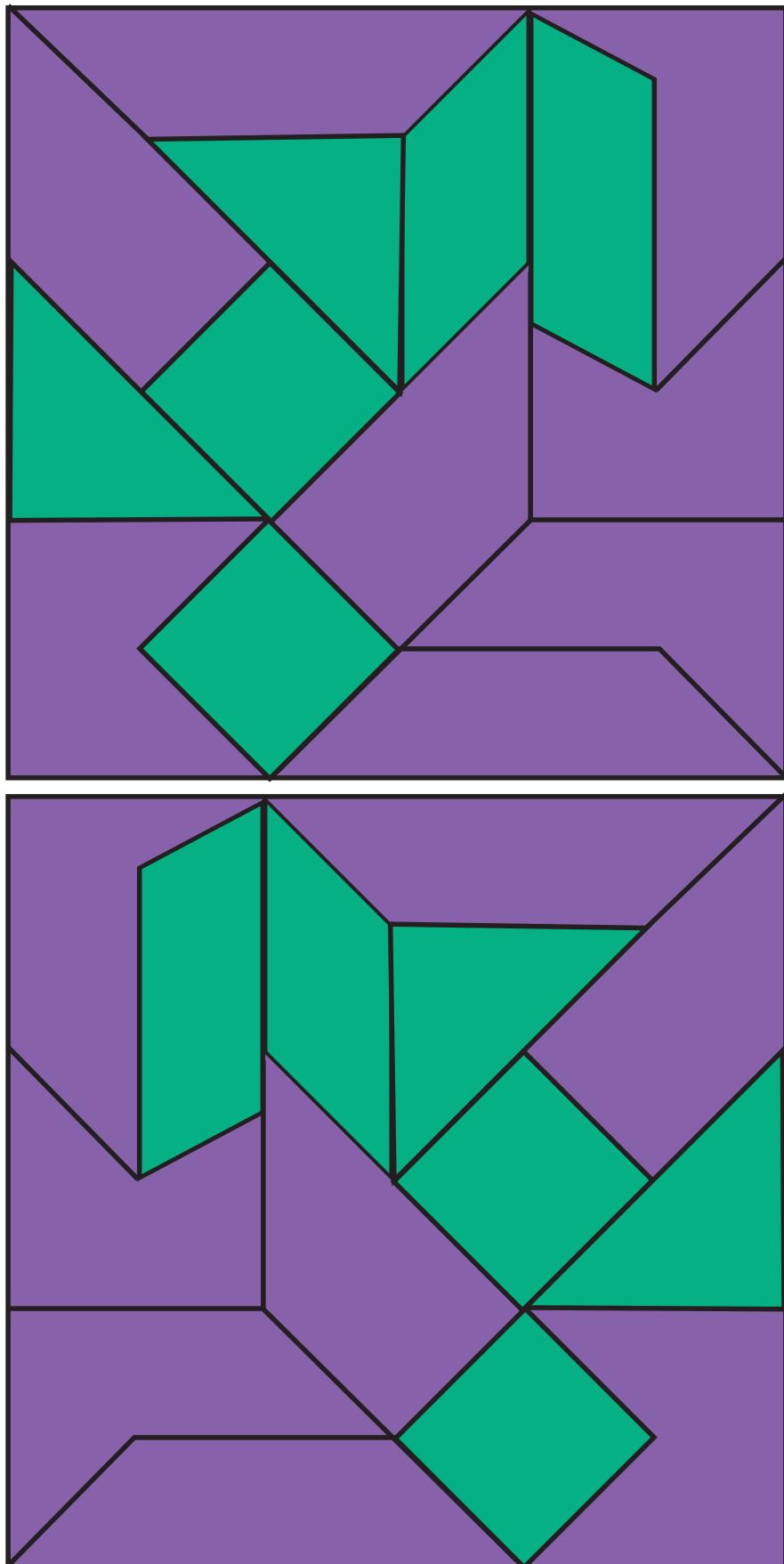
I _c	
IO _c	
RIs	
RIO _s	
RIOOs	

Umsiko 9

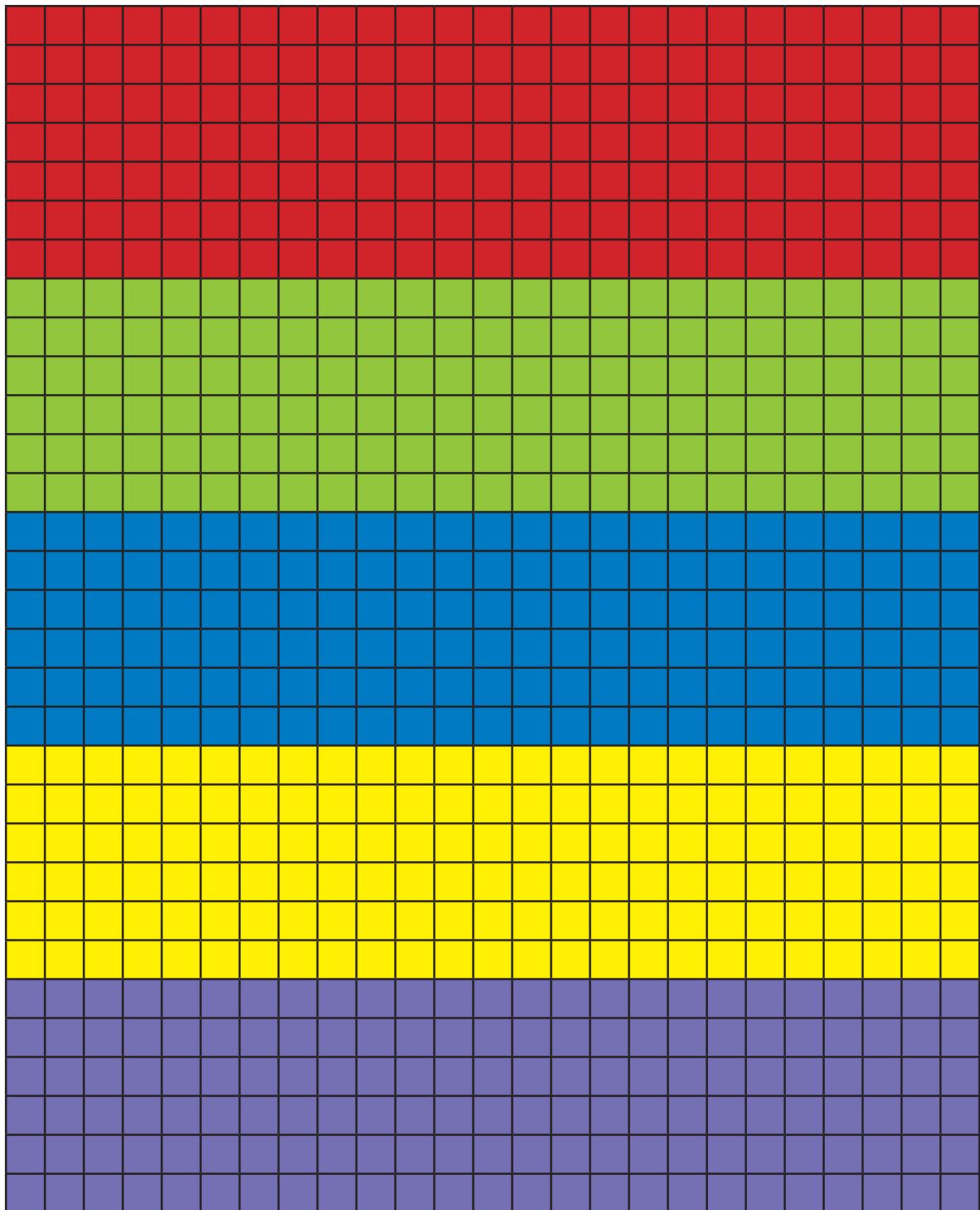
RIOO	RIOO	RIOO	RIOO
RIOO	RIOO	RIOO	RIOO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO



Umsiko IO



Cut-out II



Cut-out 12

