Ukufunda ngoMgaqo-siseko weRiphablikhi yoMzantsi Afrika (1996)

Umgaqo-siseko weli loMzantsi Afrika (1996) uqulethe eyona mithetho yongameleyo yeli lizwe. Le mithetho ingaphezulu komongameli welizwe, ngaphezulu kweenkundla zamatyala nangaphezulu kukarhulumente.

Le mithetho ichaza indlela abemi beli lizwe abafanele ukuphathana ngayo, nokuba ayintoni amalungelo noxanduva lwabo omnye komnye. Umgaqo-siseko welizwe ukho ukuze usikhusele ngalo mzuzu kwaye ukhusele nabantwana bethu kwixesha elizayo.

Masiyazi imvelaphi yethu.	**Masingaphindi iimpazamo zexesha elidlulileyo.**	**Umgaqo-siseko wethu uyasinceda ukuze sakhe ingomso eling cono lomntu wonke.**

Thina, bantu boMzantsi Afrika,

Siyaziqonda iimeko zolwaphulo-bulungisa zamaxesha ethu adlulileyo;

Sibanika imbeko abo beva ubunzima bebulalekela ubulungisa nenkululeko elizweni lethu;

Siyabahlonela abo bathi basebenzela ukwakha nokuphuhlisa ilizwe lethu; kwaye

Sikholelwa ekubeni uMzantsi Afrika ngowethu sisonke thina sihlala kuwo, simanyene nangani siziintlobo ngeentlobo.

Thina ke ngoko, ngabameli bethu abanyulwe ngokukhululekileyo, siyawuvuma lo mGaqo-siseko ukuba ungowona mthetho wongameleyo weRiphablikhi ukuze—

- Ungcibe udibanise izantlukwano zangaphambili uze wakhe uluntu olusekwe kwizithethe ezixabisekileyo zedemokhrasi, ubulungisa kwezentlalo namalungelo abantu asisiseko;
- Wenze isiseko soluntu oluphila ngendlela yedemokhrasi nolwenza izinto elubala apho urhulumente asekelwe kwintando yabantu nalapho wonke ummi ekhuselwe ngokulinganayo ngumthetho;
- Uphucule ixabiso lokuphila kwabo bonke abemi, uze uvumele ukusebenza kwesakhono somntu ngamnye; kanjalo
- Wakhe uMzantsi Afrika omanyeneyo nonedemokhrasi onakho ukuthabatha indawo yawo efanelekileyo njengelizwe elinobunganga kusapho lwezizwe ngezizwe.

Wabange amalungelo a kho njengommi weli loMzantsi Afrika kwaye nawe uluthathele kuwe uxanduva lokukhusela amalungelo aba nye.	**Wazi amalungelo akho noxanduva lwakho.**

Wanga uThixo angabakhusela abantu bakokwethu.
Nkosi Sikelel' iAfrika. Morena boloka setjhaba sa heso.
God seën Suid-Afrika. God bless South Africa.
Mudzimu fhatutshedza Afurika. Hosi katekisa Afrika.

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GRADE 3 – BOOK 2
TERMS 3 & 4
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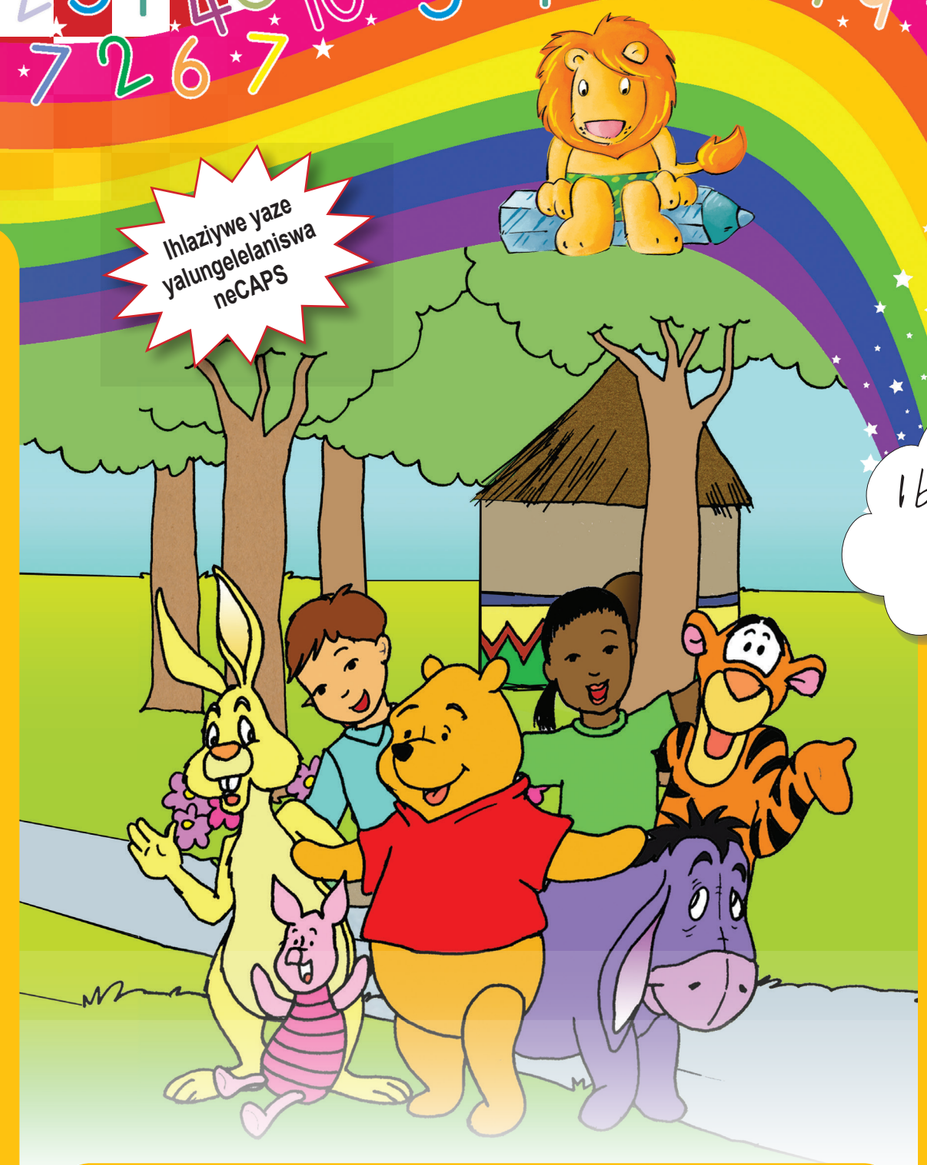

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Ikota 3 & 4

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UNksz Angie Motshekga
uMphathiswa weMfundo
esisiSeko

UGqir Reginah Mhaule
uSekela Mphathiswa
weMfundo esisiSeko

Ezi ncwadi zilungiselelwe abantwana boMzantsi Afrika phantsi kwephiko loMphathiswa weMfundo esisiSeko uNksz Angie Motshekga kunye noSekela Mphathiswa weMfundo uGqir Reginah Mhaule.

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

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

Sinethemba lokwenene lokuba abantwana baya 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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Ibanga lesi-3

Rainbow WORKBOOKS

IMathematika

Le ncwadi yeka-:

ISIXHOSA

Incwadi yesi 2

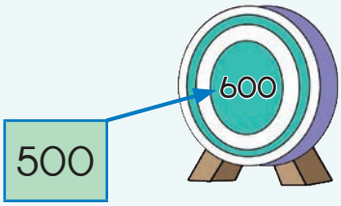
XHO MATHS G3 B2 9781431501496.indb 1 2014/06/24 3:18 PM

Umhla:

65 Amanani ukusuka kuma-500 ukuya kuma-600

Bala uze ubhale.

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



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; _____; _____; _____; _____; _____; _____; _____; _____

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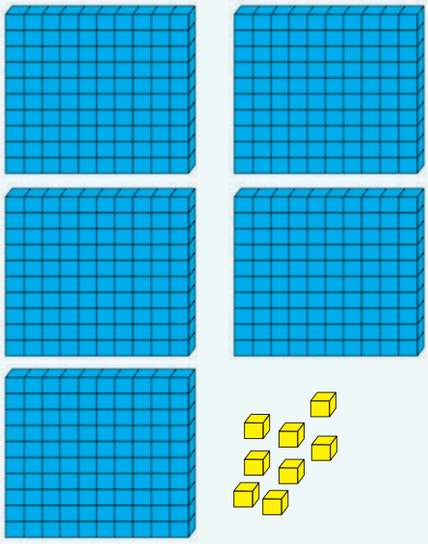
2 Zingaphi iibloko ozibalileyo?



Uzibale njani ezi bloko?

3 Gqibezela le migca-manani.

540			543				547		549	
							597	598	599	
					597	598	599			

4 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		

5 Bhala inani ngamagama.

520	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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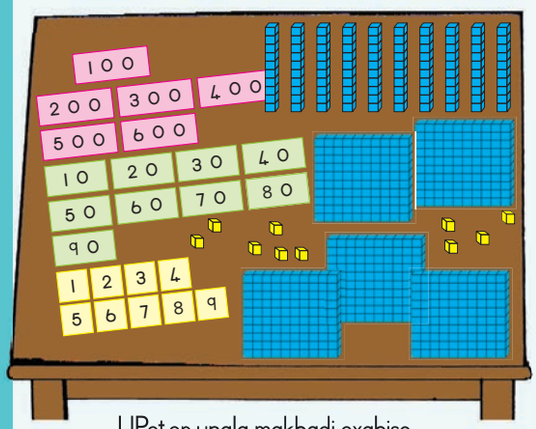
66

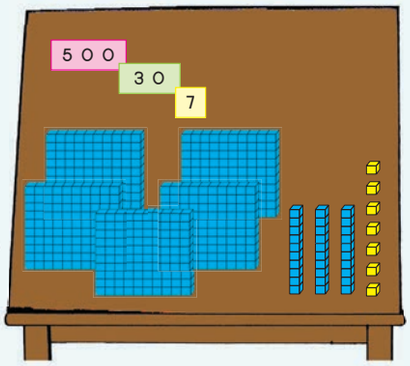
Umhla:

Amanye amanani ukusuka kuma-500 ukuya kuma-600

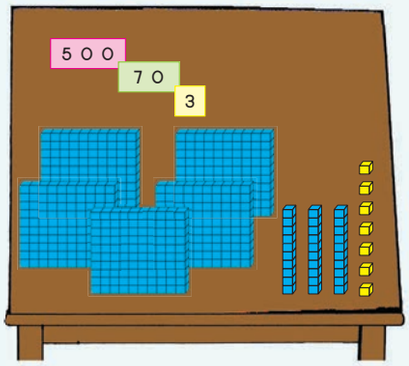


UPeter unala makhadi exabiso lendawo kunye neebloko zamashumi.

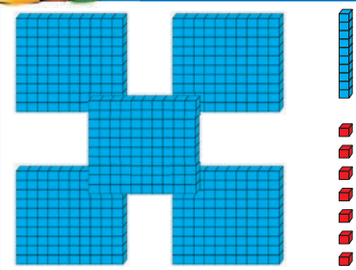
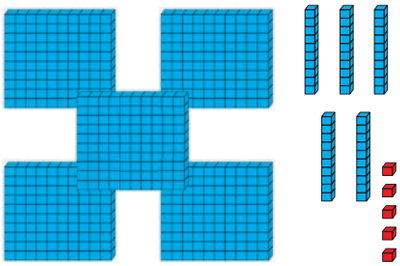
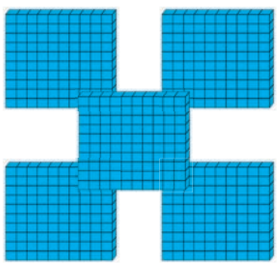
Utitshala uyalela uPeter ukuba abonise ama-537 ngamakhadi neebloko zakhe.



UAakar ubonise oku. Yintoni angayenzanga kakuhle?



Bhala isivakalisi samanani ulandele ngempendulo.

					
500 + 10 + 7 =	517				

Bhala isivakalisi samanani ulandele ngempendulo.

500 70 3	500 90	90 1
500 + 70 + 3		
=		

1 2 3 4 5 6 7 8 9 10

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3 Gqibezela lo mgca-manani

550	551	552								560

Bhala onke amanani angaphantsi kunama-556. _____

Bhala onke amanani angaphezulu kunama-556. _____

4 Cazulula inani lakho.

Kukho amanani ali-10.
0 1 2 3 4 5 6 7 8 9
Siyawadibanisa ukwenza amanani.

a. Yakha inani ngalinye ngamakhadi akho.

b. Bhala ixabiso lenani ngalinye.

495	
508	
594	
549	
602	

Umzekelo: 517

5 0 0
1 0
7
5 1 7

517	500 + 10 + 7

5 Bhala la manani ngamagama.

221	
486	
369	
419	
491	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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Umhla: .....

67 Amanani ukusuka kuma-600 ukuya kuma-700

Bala uze ubhale.

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

600 → 700

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

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; _____; _____; _____; _____; _____; _____; _____; _____

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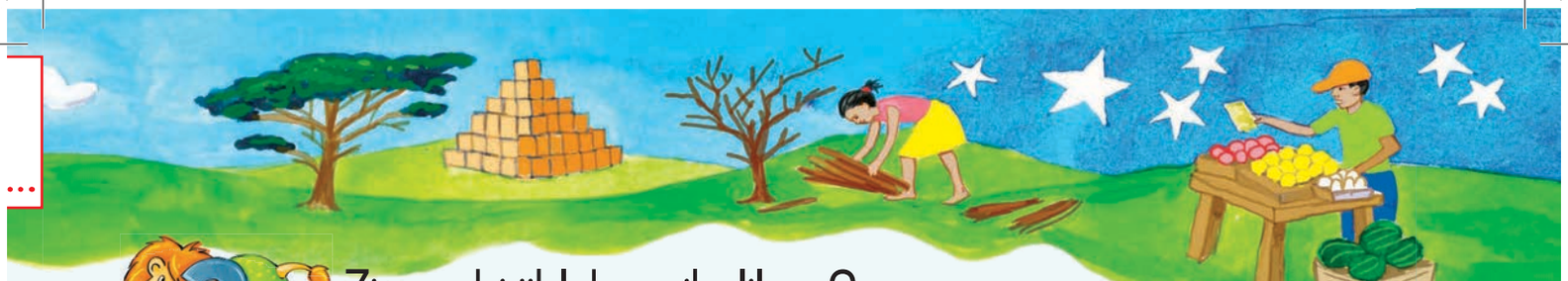
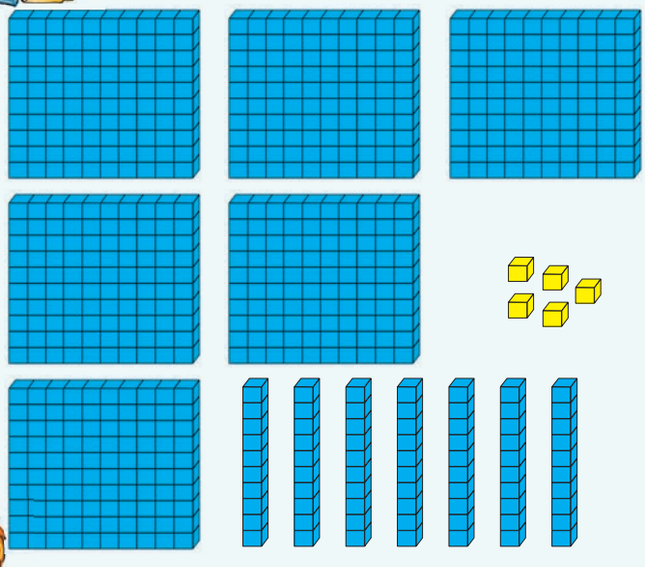


2 Zingaphi iibloko ozibalileyo?



Uzibale njani ezi bloko?

3 Gqibezela le migca-manani.

640			643				647		649	
							687	688	689	
					602	604	606			

4 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		

5 Bhala inani ngamagama.

631	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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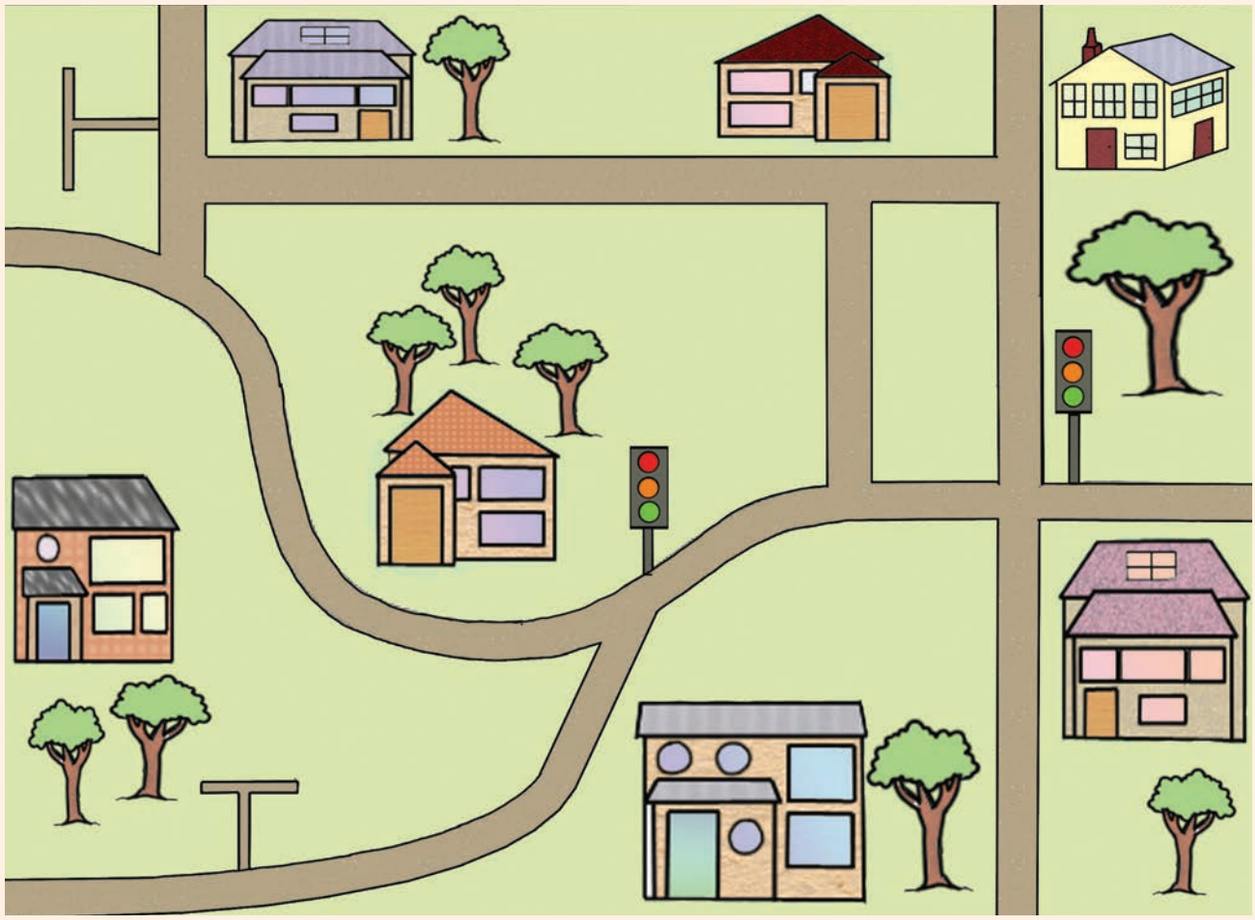
Umhla: .....

Umsebenzi wemephu

Jonga umfanekiso.

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



Zoba oku emephini:

Ithala leencwadi, isikolo, iklinikhi, isibhedlele, isikhululo samapolisa, iivenkile.
Ungongeza nezinye izitalato.

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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.

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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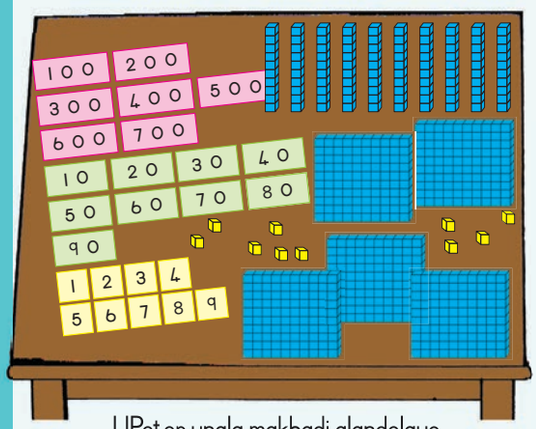
69

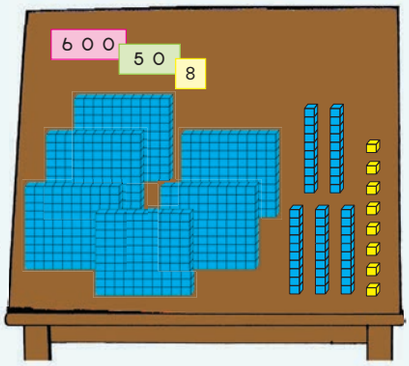
Umhla:

Amanye amanani aqala kuma-600 ukuya kuma-700

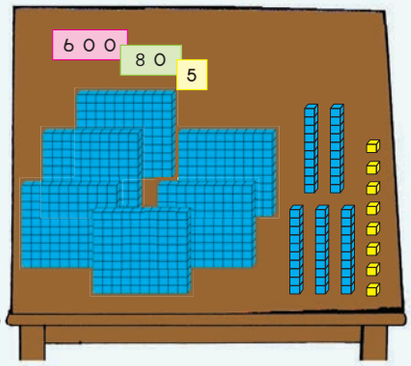


UPeter unala makhadi alandelayo amaxabiso endawo kunye neebloko zamashumi.

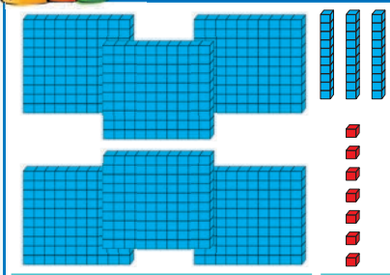
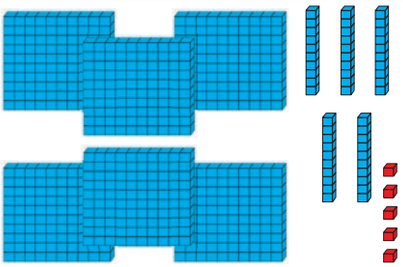
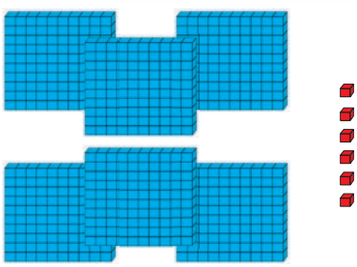
Utitshala uyalela uPeter ukuba abonise ama-658 ngamakhadi neebloko zakhe.



UAarkar ubonise oku. Yintoni angayenzanga kakuhle?



Bhala isivakalisi samanani ulandele ngempendulo.

		
600 + 30 + 7 = 637		

Bhala isivakalisi samanani ulandele ngempendulo.

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

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3 Gqibezela lo mgca-manani

670	671	672								680

Bhala onke amanani angaphantsi kunama-675. _____

Bhala onke amanani angaphezulu kunama-675. _____

4 Bhala <, > okanye =

a. 670 _____ 607 b. 688 _____ 699

c. 600 + 50 + 5 _____ 655

5 Cazulula inani lakho.

a. Yakha inani ngalinye ngamakhadi akho.

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

686	
690	
699	
673	
665	

Umzekelo: 632

6 0 0

3 0

2

6 3 2

632	600 + 30 + 2

6 Bhala amanani ngamagama.

672	
693	
607	
697	
660	

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Date:

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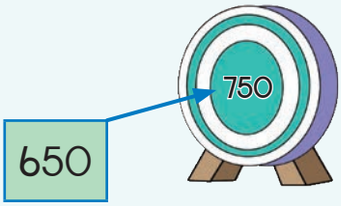
70

Umhla: .....

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.



						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; _____; _____; _____; _____; _____; _____; _____; _____

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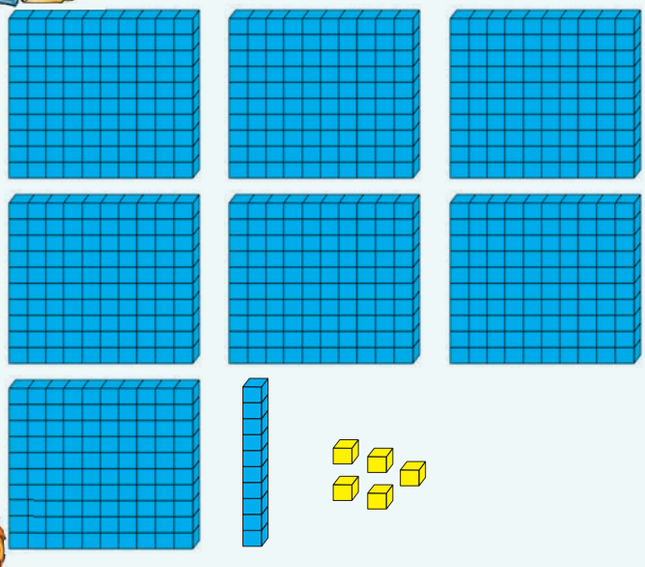
2 Zingaphi iibloko ozibalileyo?



Uzibale njani ezi bloko?

3 Gqibezela le migca-manani.

700			703				707		709	
							746	747	748	
					706	711	716			

4 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		

5 Bhala inani ngamagama.

706	

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Date:

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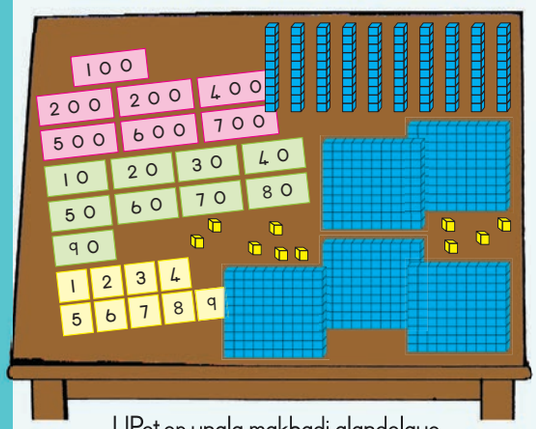
71

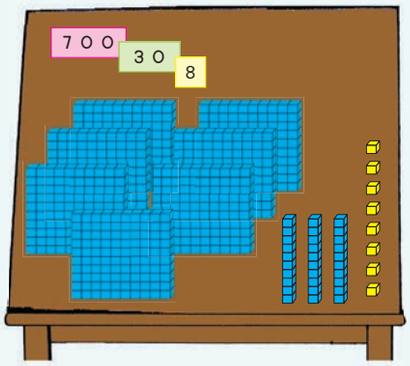
Umhla:

Amanani aqala kuma-700 ukuya kuma-750

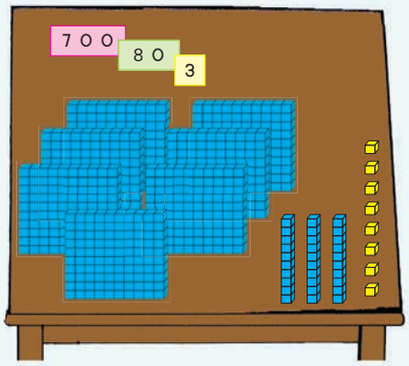


UPeter unala makhadi alandelayo amaxabiso endawo kunye neebloko zamashumi.

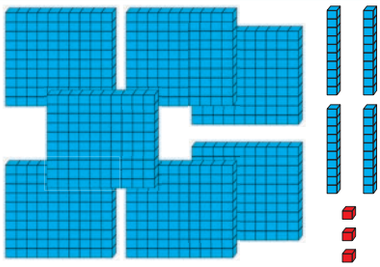
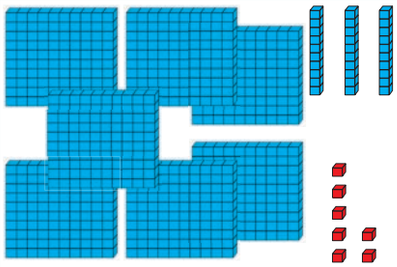
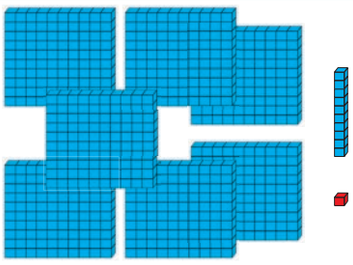
Utitshala uyalela uPeter ukuba abonise ama-738 ngamakhadi neebloko zakhe.



UJabu ubonise oku. Yintoni angayenzanga kakuhle?



Bhala isivakalisi samanani ulandele ngempendulo.

					
700 + 40 + 3 =	743				

Bhala isivakalisi samanani ulandele ngempendulo.

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

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3 Gqibezela lo mgca-manani.

699	700	701								709

Bhala onke amanani angaphantsi kunama-704. _____

Bhala onke amanani angaphezulu kunama-704. _____

4 Bhala <, > okanye =

a. 750 _____ 749 b. 732 _____ 723

c. 700 + 40 + 9 _____ 749

5 Cazulula inani lakho.

a. Yakha inani ngalinye ngamakhadi akho.

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

750	
728	
703	
730	
749	

Umzekelo: 747

	7 0 0
	4 0
	7
	7 4 7
747	700 + 40 + 7

6 Bhala amanani ngamagama.

714	
750	
742	
738	
704	

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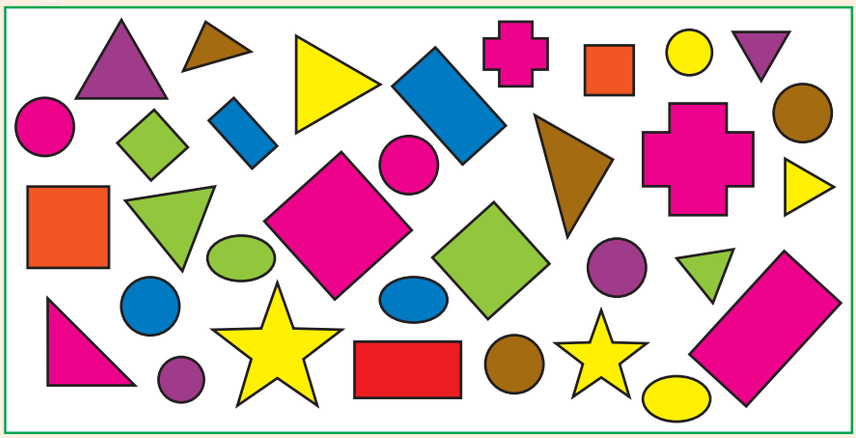
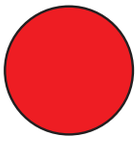
Umhla:

Iimilo ezinemilinganiselo engu-2-D

Xela ukuba le milo inecala elithe tye okanye elingqukuva



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

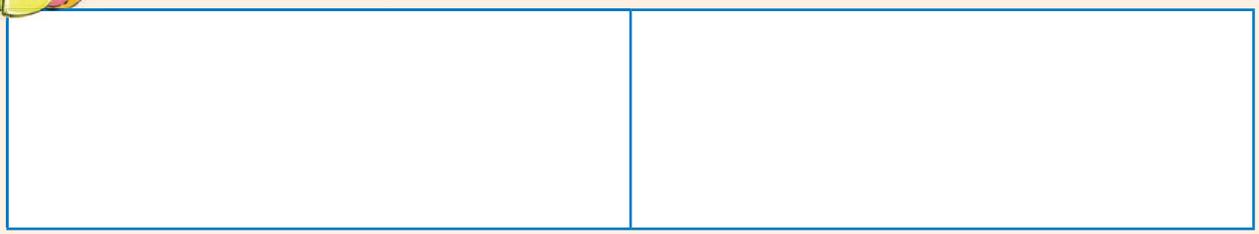
			

Zingaphi iimilo onokuzizoba ezinamacala athe tye.

Funa imifanekiso

Funa iimilo ezineziphelo ezithe tye uze uzincamathelise apha.

Funa iimilo ezineziphelo ezingqukuva uze uzincamathelise apha.



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4 Gqibezela oku:

Zoba	Zoba imilo kwiindawo ezahlukeneyo
Unxantathu	
Uxande	
Isikwere	

5 Gqibezela itheyibhile

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

6 Funa izikwere, oonxantathu, iingxande kunye nezangqa ezinobukhulu obahlukeneyo kwiimagazini okanye kumaphephandaba.

Zincamathelise apha.

Teacher:
Sign:
Date:

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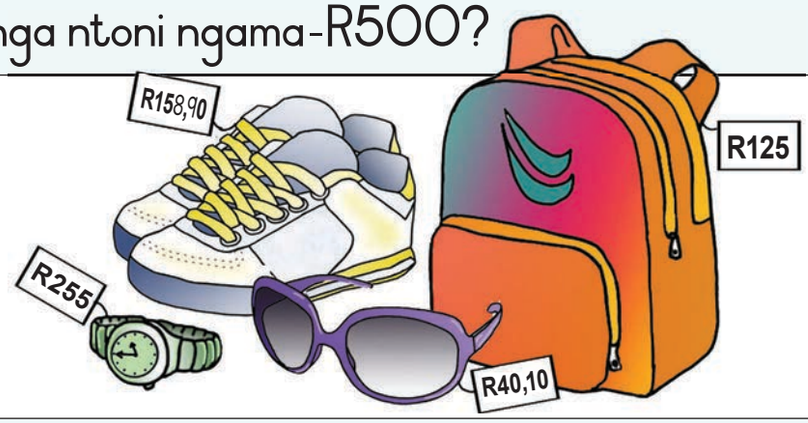
Umhla:

Ukudibanisa nokuthabatha ukuya kuma-800

1 Ndingathenga ntoni ngama-R500?

Yeyiphi kwezi zinto endinokuyithenga ngama-R500?



2 Dibanisa usuke kuma-600.

Bhala amanani angekhoyo.

Qala: 600 → +20 → 620 → +15 → ☐ → +15 → ☐ → +10 → ☐ → +5 → ☐ → +25 → ☐ → +10 → ☐ : Gqiba

3 Bala ubuye umva usuke kuma-800.

Bhala "utshintsho" kwixesha ngalinye.

Qala: 800 → – ☐ → 790 → – ☐ → 786 → – ☐ → 776 → – ☐ → 766 → – ☐ → 760 → – ☐ → 740 → – ☐ → 715 → – ☐ → 705 → – ☐ → 690 → – ☐ → 660 : Gqiba

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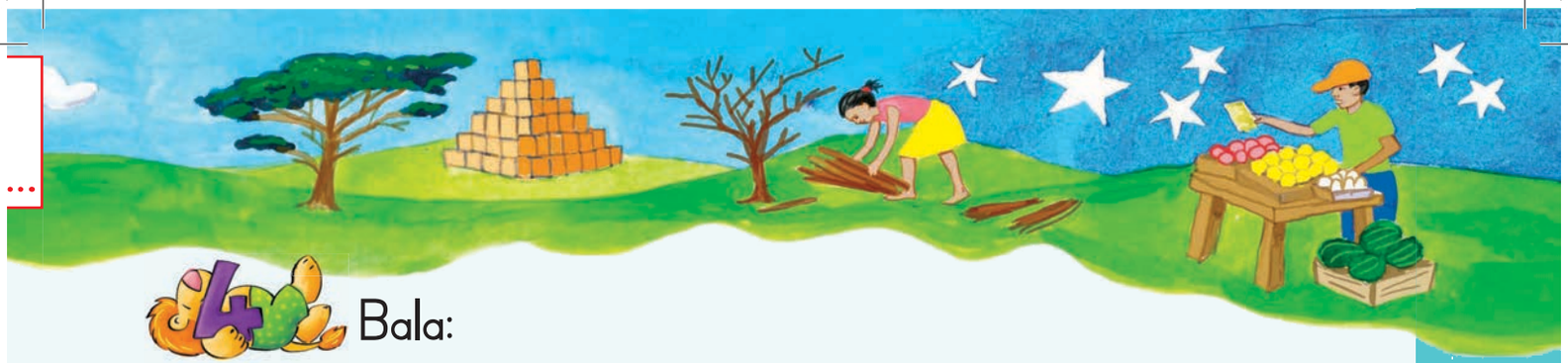

4 Bala:

725 + 53 =	

664 + 87 =	

564 + 132 =	

75 + 717 =	

5 Bala:

UZama uqokelele amapetyu angama-525.

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

a. Baza kuba namapetyu amangaphi bebobabini?

b. USipho ebenamapetyu amangaphi?

a.

b.

Teacher:

Sign:

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74 Okunye ukudibanisa nokuthabatha ukuya kuma-800

Umhla: .....

Iintsapho zamanani

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

4 + 8 = 12	8 + 4 = 12
12 – 8 = 4	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 = ☐	50 + ☐ = 360	☐ + 50 = 360
570 – 480 = ☐	480 + ☐ = 570	☐ + 480 = 570
430 – 31 = ☐	31 + ☐ = 430	☐ + 31 = 430
676 – 70 = ☐	70 + ☐ = 676	☐ + 70 = 676
799 – 701 = ☐	701 + ☐ = 799	☐ + 701 = 799

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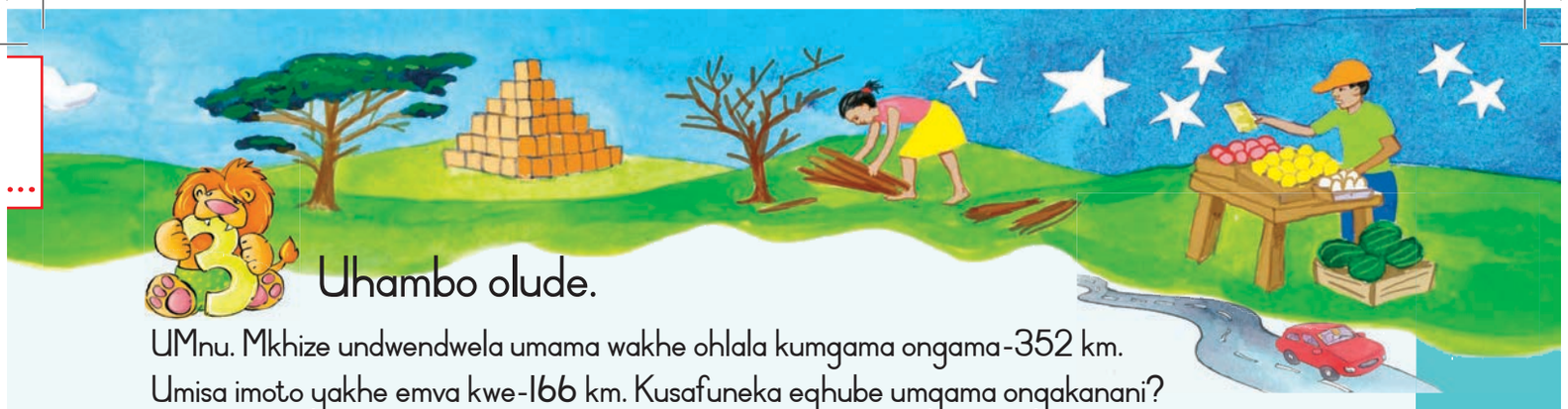

3 Uhambo olude.

UMnu. Mkhize undwendwela umama wakhe ohlala kumgama ongama-352 km. Umisa imoto yakhe emva kwe-166 km. Kusafuneka eqhube umgama ongakanani?

UKumi wenza oku:	UPhumla ubhala ngolu hlobo:
352 – 166 +4 + 30 + 100 + 52 166 170 200 300 352 30 + 4 + 100 + 52 = 134 + 52 = 186 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 km
UMbali wenza oku:	**UPeter wenza oku:**
352 – 166 166 + 100 → 266 + 34 → 300 + 52 → 352 100 + 34 + 52 = 134 + 52 = 186 km	352 – 166 = 352 – 100 – 66 = 252 – 66 = 252 – 52 – 14 = 200 – 14 = 186 km
UVeronica wenza oku:	**ULebo ucinga ngeziphindwa kabini nangeziqingatha:**
352 – 166 352 – 152 = 200 200 – 14 = 200 – 10 – 4 = 190 – 4 = 186 km	Isiqingatha sama-352 li-176. Kodwa kufuneka ndithathe i-166 kuphela, ngoko ke ndongeza emva koko i-10. 176 + 10 = 186 km

Thetha ngezi ndlela zahlukileyo. Yeyiphi oyikhethayo? Ngoba kutheni?

4 Sombulula la maqhina kwiphepha elilodwa:

Sebenzisa nokuba yeyiphi kwezi ndlela zingentla.

746 – 328	800 – 499

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Umhla:

75 Ukudibanisa nokuthabatha ukuya kuma-800 kwakhona

Zenzele ezakho iintsapho zamanani.

Umsetyenzana wokuzilungiselela.

Umzekelo: Yenza i-17

5 12 17

$5 + 12 = 17$
$12 + 5 = 17$
$17 - 12 = 5$
$17 - 5 = 12$

$8 + 9 = 17$
$9 + 8 = 17$
$17 - 9 = 8$
$17 - 8 = 9$

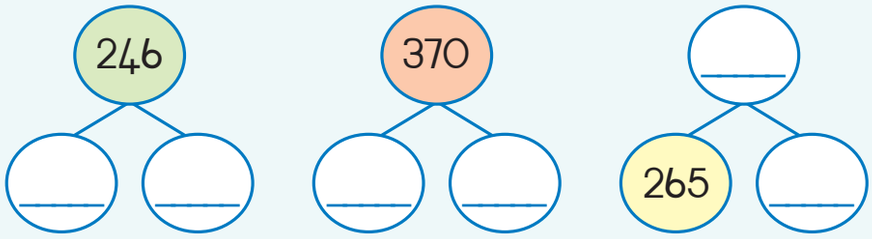
8 9 17

Khangela! Thelekisa! Lungisa!

Kwinani ngalinye elingezantsi, khetha amanye ama-2 wenze usapho.
Bhala izivakalisi zamanani zibe-4 (ezibini + nezibini –) kusapho lwamanani ngalunye.

			+	+	–	–
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.



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3 Ukwahlula kubini ukuze uthabathe.

Ukuba uyazazi 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

4 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.

5 Sombulula la maqhina kwiphepha elilodwa:

Sebenzisa nokuba yeyiphi kwezi ndlela zingasentla.

Umntwana ngamnye kwabangama-728 ufumana into yokudlala kwivenkile yokutyela. 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

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

Gqibezela izivakalisi zamanani.

720; 730; 740; _____ ; _____ ; _____	800; 790; 780; _____ ; _____ ; _____

Dibanisa okanye uthabathe ishumi.

1. Dibanisa ishumi kwinani olinikiweyo. Sikwenzele eyokuqala.

a. 767 + 10 = 777

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

1 2 3 4 5 6 7 8 9 10

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2. Thabatha ishumi kwinani olinikiweyo. Sikwenzele eyokuqala.

a. 767 – 10 = 757

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

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

_____

Jonga izangqa ezibomvu kwibhodi yamanani.

a. Uqaphela ntoni ngezi zangqa? _____

b. Yandisa ezi zivakalisi zamanani zilandelayo:

704; 714; 724; _____ ; _____ ; _____

715; 725; 735; _____ ; _____ ; _____

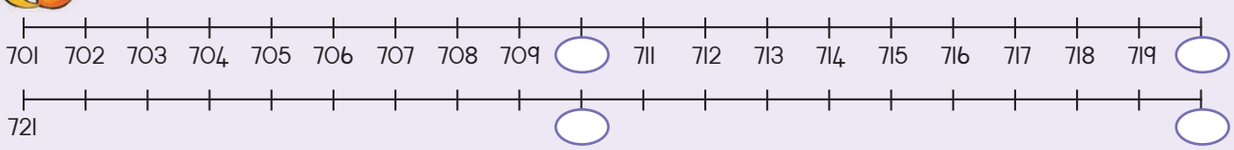
799; 789; 779; _____ ; _____ ; _____

782; 772; 762; _____ ; _____ ; _____

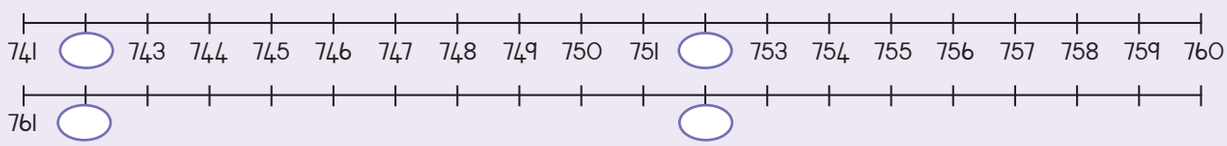
737; 747; 757; _____ ; _____ ; _____

Bhala inani elichanekileyo kwisangqa esikule migca-manani.

a.



b.



Ndinenani elinamanani amathathu.

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

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

_____

Teacher:
Sign:
Date:

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77 Ukuwezela kumashumi

Umhla: .....

Onke amanani ukusuka kwisi-4 ukubuya umva aya kuwezelwa ku-0.

Onke amanani ukusuka kwisi-5 ukubheka phambili aya kuwezelwa kwi-10

0 1 2 3 4 5 6 7 8 9 10

Masithethe.

Jonga inani-3 kumgca-manani.

0 1 2 3 4 5 6 7 8 9 10

Liya kuba leliphi inani xa liweziwe?

0 1 2 3 4 5 6 7 8 9 10

Isi-3 esiwezelwe kwishumi elikufuphi siya kuba ngu-0.

Yenza njalo nakwezi:

Xa isi-6 siwezelwe kwi-10 elikufuphi siya kuba leliphi inani?

0 1 2 3 4 5 6 7 8 9 10

Impendulo li-10..

Wezela kwi-10 elikufuphi.

i-12 eliweziweyo likunika _____ i-19 eliweziweyo likunika _____

10 11 12 13 14 15 16 17 18 19 20

Ama-53 aweziweyo akunika _____ Ama-58 aweziweyo akunika _____

50 51 52 53 54 55 56 57 58 59 60

1 2 3 4 5 6 7 8 9 10

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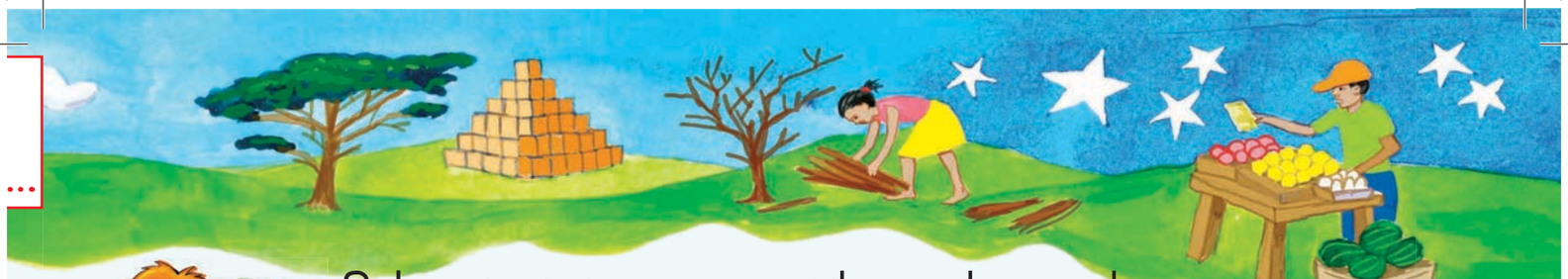

2 Sebenzisa imigca-manani ikuncede usondeze kwelona 10 lisondeleyo.

a. 46 [46] [50]

Liphakathi kwawaphi amashumi amabini eli nani: 46? [ ]

40	41	42	43	44	45	46	47	48	49	50

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? [ ]

3

UTom unama-R48,00.

Unepakethe yamakhasi exabisa ii-R5,00.

Zingaphi iipakethe zamakhasi anokuzithenga ngama-R48,00?_____

Teacher:
Sign:
Date:

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78

Umhla:

Uphinda-phindo: izihlanu ukuya kuma-75

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:

$9 \times 5 = 45$
$7 \times 5 = 35$
$2 \times 5 = 10$
$4 \times 5 = 20$
$3 \times 5 = 15$
$5 \times 5 = 25$
$10 \times 5 = 50$
$6 \times 5 = 30$
$8 \times 5 = 40$

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	

1 2 3 4 5 6 7 8 9 10

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3 Gqibezela izazobe zesigcawu.

esikufakayo	umthetho	isiphumo
11	× 5	
12		
13		
14		
15		

esikufakayo	umthetho	isiphumo
16	× 5	
17		
18		
19		
20		

esikufakayo	umthetho	isiphumo
5	÷ 5	
10		
15		
25		
30		

esikufakayo	umthetho	isiphumo
55	× 5	
60		
65		
70		
75		

4 Gqibezela ezi theyibhile zingezantsi:

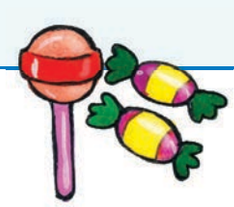
×	1	2	3	4	5	6	7	8	9	10
5										

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

Uzifumene njani iimpendulo ekufuneka zibhalwe kwiibloko ezizuba?

5 Bala oku:

Umama uthenge iipakethe zeelekese ezixabisa ama-R70. Uhlawule ii-R5 ngepakethe enye. Zingaphi iipakethe zeelekese azithengileyo?



Teacher:
Sign:
Date:

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79

Umhla: .....

Iipatheni zamanani: izihlanu ukuya kuma-800

1 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

2 Gqibezela ezi zivakalisi zamanani.

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

3 Dibanisa okanye thabatha isihlanu.

a. 760 + 5 = 765

1. Dibanisa isihlanu kwinani olinikiweyo. Sikwenzele eyokuqala.

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

1 2 3 4 5 6 7 8 9 10

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2. Thabatha isihlanu kwinani olinikiweyo. Sikwenzelele eyokuqala.

a. 765 – 5 = 760

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

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

_____

4 Jonga izangqa ezibomvu kwibhodi yamanani.

a. Uqaphela ntoni ngezi zangqa? _____

b. Yandisa la manani alandelelanayo:

703; 708; 723; _____; _____; _____

753; 758; 763; _____; _____; _____

701; 706; 711; _____; _____; _____

722; 727; 732; _____; _____; _____

714; 719; 724; _____; _____; _____

5 Bhala inani elichanekileyo kwisangqa ngasinye esikule migca-manani.

a.

701 702 703 704 ◯ 706 707 708 709 ◯ 711 712 713 714 ◯ 716 717 718 719 ◯

721 ◯ ◯ ◯ ◯

b.

741 ◯ 743 744 745 746 ◯ 748 749 750 751 ◯ 753 754 755 756 ◯ 758 759 760

761 ◯ ◯ ◯ ◯

6 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:

11 12 13 14 15 16 17 18 19 20

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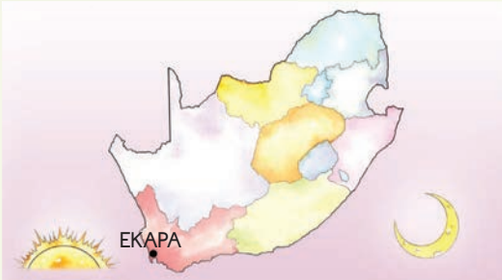
80 Imini nobusuku

Umhla: .....

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. Kukweziphi iinyanga apho 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. _____

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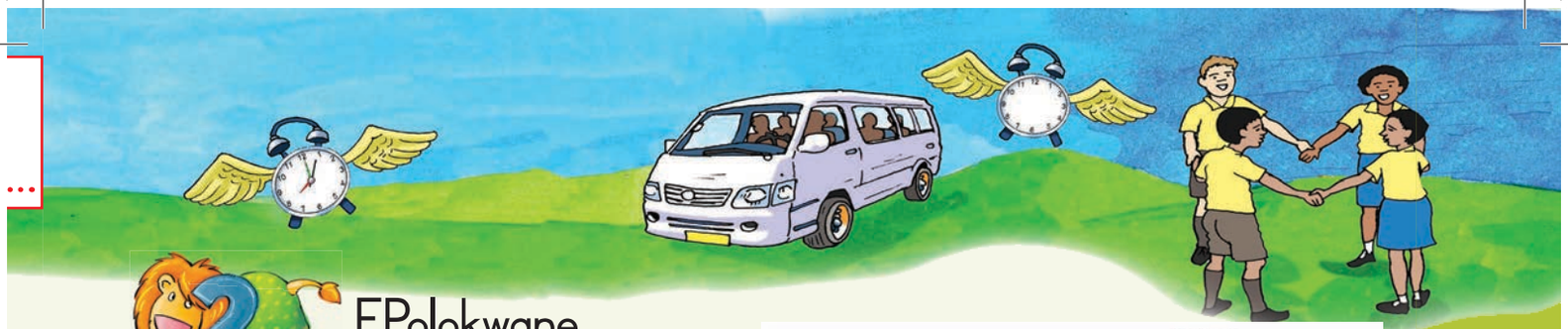
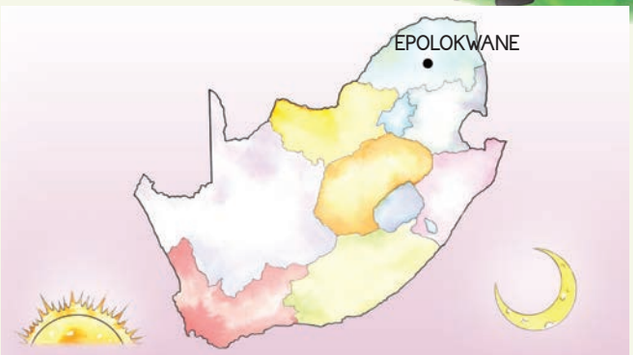


EPolokwane

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		

a. Kukweziphi iinyanga apho ubude bemini nobobusuku bulinganayo? _____

_____

b. Kukweyiphi inyanga kwezi apho ubude bemini bulinganayo eKapa nasePolokwane?

_____

c. Kukweziphi iinyanga apho zahlukileyo? _____

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

_____

e. 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?

81

Umhla:

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:

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

Gqibezela 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	

Gqibezela 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	

1 2 3 4 5 6 7 8 9 10

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3 Gqibezela izazobe zesigcawu.

esikufakayo	umthetho	isiphumo
11	× 2	
12		
15		
17		
20		

esikufakayo	umthetho	isiphumo
22	× 2	
26		
31		
30		
35		

esikufakayo	umthetho	isiphumo
20	÷ 2	
26		
32		
38		
44		

esikufakayo	umthetho	isiphumo
50	× 2	
60		
68		
72		
74		

4 Gqibezela iitheyibhile ezingezantsi:

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

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

5 Bala okulandelayo:

Ndithenge amabhadi angama-36 nge-R2.
Ndibhatele ngama-R50, ngama-R20 nange-R5 elukhozo.
Ibiyimalini itshintshi yam?

Teacher:
Sign:
Date:

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82

Umhla: .....

Iipatheni zamanani: izibini ukuya kutsho kuma-800

1 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

2 Gqibezela izibalo zolandelelwano lwamanani.

720; 722; 724; _____ ; _____ ; _____	800; 798; 796; _____ ; _____ ; _____

3 Dibanisa okanye thabatha zibe mbini.

1. Dibanisa zibe mbini kwinani olinikiweyo. Sikwenzele isibalo sokuqala.

a. 764 + 2 = 766

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

1 2 3 4 5 6 7 8 9 10

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a. 764 – 2 = 762

2. Thabatha ezimbini kwinani olinikiweyo. Sikwenzele isibalo sokuqala.

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

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

_____

4 Jonga izangqa ezizuba kwibhodi yamanani.

a. Uqaphele ntoni kwezi zangqa? _____

b. Yandisa izibalo zolandelelwano lwamanani ezilandelayo:

701; 703; 705; ____ ; ____ ; ____

725; 727; 729; ____ ; ____ ; ____

799; 797; 795; ____ ; ____ ; ____

783; 785; 787; ____ ; ____ ; ____

779; 781; 783; ____ ; ____ ; ____

5 Faka inani elichanekileyo kwisangqa ngasinye kule migca-manani.

a.

701 ◯ 703 ◯ 705 ◯ 707 ◯ 709 ◯ 711 ◯ 713 ◯ 715 ◯ 717 ◯ 719 ◯

721 ◯ ◯ ◯ ◯ ◯ ◯ ◯ ◯ ◯ ◯

b.

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

761 ◯ ◯ ◯ ◯ ◯ ◯ ◯ ◯ ◯

6 Ndinenani elinamanani ama-3.

Inani lokuqala sisi-7, inani elilandelayo 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:

11 12 13 14 15 16 17 18 19 20

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83

Umhla: .....

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

Ungakuphendula msinyane kangakanani oku kulandelayo?

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

Jonga ukuba wenze ntoni umhlobo wam.

Xoxa ngako.

4 × 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 × 4 = 8 4 × 2 = 8 8 ÷ 4 = 2 8 ÷ 2 = 4

Ngoku yenza njalo nawe ngezi 4 × 5 = 20.

Ukubala utsiba	Amaqela alinganayo	Ukudibanisa okuphindwa kaninzi	Imiboniso	Iinyaniso

1 2 3 4 5 6 7 8 9 10

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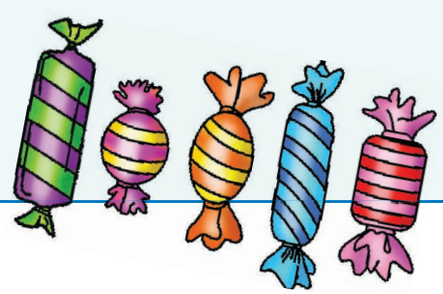
3 Phinda-phinda oku kulandelayo:

24 × 3 = (20 + 4) × 3 = (20 × 3) + (4 × 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 × 3

4 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?

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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84 Ukuphinda-phinda: izithathu ukuya kuma-75

Umhla:

Yintoni efumaneka ngezithathu?
Amavili eetrayisikili.

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

Tshatisa isibalo nombuzo ongasekhohlo:

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

Gqibezela itheyibhile

Ukubekwa ngamaqela	Phinda-phinda	Ukwaba	Yahlula
Amaqela ali-11 ezi-3	$11 \times 3 = 33$	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	

Gqibezela itheyibhile

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

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3 Gqibezele izazobe zesigcawu.

esikufakayo | umthetho | isiphumo

esikufakayo	umthetho	isiphumo
10	× 3	
12		
14		
16		
22		

esikufakayo	umthetho	isiphumo
13	× 3	
11		
23		
15		
25		

esikufakayo	umthetho	isiphumo
18	÷ 3	
30		
36		
42		
75		

esikufakayo	umthetho	isiphumo
12	÷ 3	
63		
66		
69		
75		

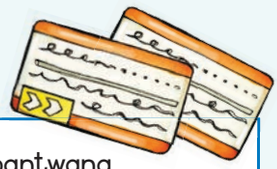
4 Gqibezela iitheyibhile ezingezantsi:

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

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

Uzifumanise njani iimpendulo ezikwiibloko ezinombala ozuba?

5 Bala okulandelayo:



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

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Umhla: .....

85 Ukuphinda-phinda ngezi-2, ngezi-3 nangezi-4 ukuya kuma-75

1 Ungakuphendula msinyane kangakanani oku kulandelayo?

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

2 Jonga okwenziwe ngumhlobo wam.

5 × 2 = 10

Xoxani ngako.

Ndiqale ukubonisa u-5 × 2 ngale ndlela:

Ukubala utsiba	Amaqela alinganayo	Ukudibanisa okuphindwa kaninzi	Izintlu	Iinyaniso
2, 4, _ _ _	● ● _ _ _ _	2 + _ _ _ _	_ Imigca yesi-2 xx	2 × _ = _ 4 × _ = _ _ ÷ _ = _ _ ÷ _ = _

Yenza oku ngo-8 × 3 = 24.

Ukubala utsiba	Amaqela alinganayo	Ukudibanisa okuphindwa kaninzi	Izintlu	Iinyaniso

6 × 4 = 24

Ukubala utsiba	Amaqela alinganayo	Ukudibanisa okuphindwa kaninzi	Izintlu	Iinyaniso

1 2 3 4 5 6 7 8 9 10

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3 Yahlula uze uvavanye impendulo yakho.

$63 \div 3$ $= (60 + 3) \div 3$ $= (60 \div 3) + (3 \div 3)$ $= 20 + 1$ $= 21$	21×3 $= (20 + 1) \times 3$ $= (20 \times 3) + (1 \times 3)$ $= 60 + 3$ $= 63$
a. $48 \div 5$	
b. $64 \div 5$	

4 Bala okulandelayo:

Mna nabahlobo bam sinama-R63 iyonke.
Sifuna ukwabelana ngayo ngokulinganayo phakathi kwethu sobathathu.
Uza kufumana malini emnye?

Teacher:
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Date:

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Umhla: .....

Tipatheni zamanani: izithathu ukuya kuma-800

1 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

2 Gqibezela izibalo zolandelelwano lwamanani.

703; 706; 709; ____; ____; ____	799; 796; 793; ____; ____; ____

3 Dibanisa okanye thabatha ezintathu.

a. 766 + 3 = 769

1. Dibanisa zibe ntathu kwinani olinikweyo. Sikwenzele eyokuqala.

b. 766 ____	c. 783 ____	d. 756 ____	e. 713 ____	f. 790 ____

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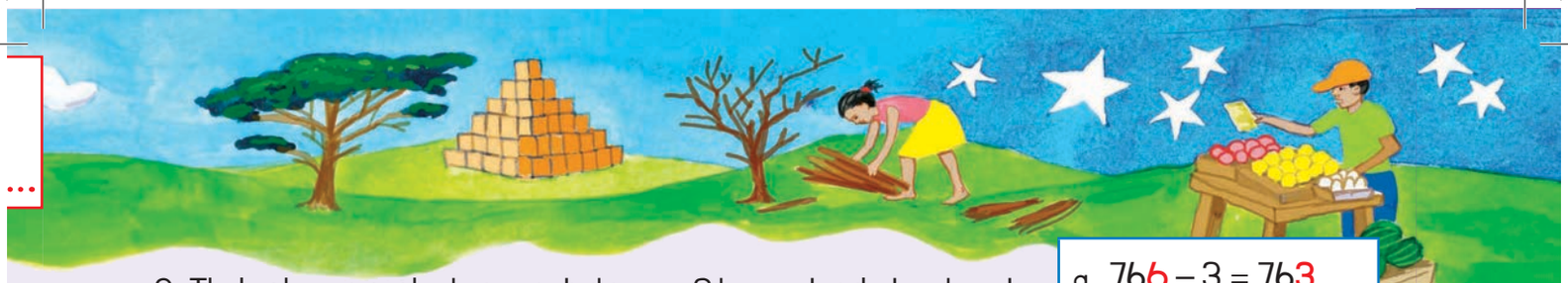


2. Thabatha ezintathu kwinani olinikiweyo. Sikwenzele isibalo sokuqala.

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 zolandelelwano lwamanani ezilandelayo:

704; 707; 710; ____; ____; ____

773; 776; 779; ____; ____; ____

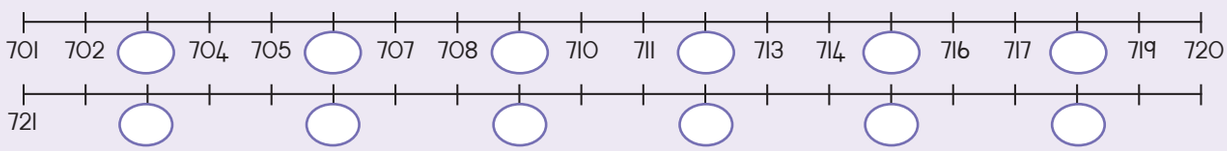
779; 776; 773; ____; ____; ____

782; 785; 788; ____; ____; ____

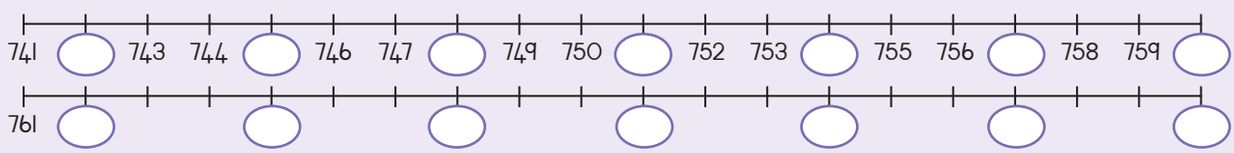
779; 782; 785; ____; ____; ____

Faka inani elichanekileyo kwisangqa ngasinye kule migca-manani.

a.



b.



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:

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Umhla:

Ukuphinda-phinda: ngezine ukuya kuma-75

Yintoni efumaneka ngezine?

Amavili emoto?

Mangaphi amavili alapha

Imoto e-1?
Iimoto ezi-2?
Iimoto ezi-3?
Iimoto ezi-4?
Iimoto ezi-5?
Iimoto ezi-6?
Iimoto ezi-7?
Iimoto ezi-8?
Iimoto ezili-9?
Iimoto ezili-10?

Tshatisa isibalo nombuzo ongasekhohlo:

$9 \times 4 = 36$
$7 \times 4 = 28$
$2 \times 4 = 8$
$4 \times 4 = 16$
$3 \times 4 = 12$
$5 \times 4 = 20$
$1 \times 4 = 4$
$10 \times 4 = 40$
$6 \times 4 = 24$
$8 \times 4 = 32$

Gqibezela itheyibhile.

Ukubeka ngokwamaqela	Phinda-phinda	Ukwaba	Yahlula
Amaqeli ali-12 ezi-4	$12 \times 4 = 48$	Yaba ama-48 phakathi kwesi-4	$48 \div 4 = 12$
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	

1 2 3 4 5 6 7 8 9 10

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3 Gqibezela izazobe zesigcawu.

esikufakayo	umthetho	isiphumo
10	× 4	
11		
13		
14		
15		

esikufakayo	umthetho	isiphumo
9	× 4	
12		
16		
17		
18		

esikufakayo	umthetho	isiphumo
16	÷ 4	
32		
44		
60		
72		

esikufakayo	umthetho	isiphumo
40	÷ 4	
52		
56		
64		
68		

4 Gqibezela iitheyibhile ezingezantsi:

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

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

Uzifumene njani iimpendulo ezikwiibloko ezinombala ozuba?

5 Bala okulandelayo:

Ndinama-R75.
Zingaphi izipho zepati endinokuzithenga nge-R4?

Teacher:
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Umhla: .....

Iipatheni zamanani:
Izine ukuya kuma-800

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

Gqibezela izibalo zolandelelwano lwamanani

704; 708; 712; ____ ; ____ ; ____	724; 728; 732; ____ ; ____ ; ____

Dibanisa okanye thabatha zibe ne

a. 764 + 4 = 768

1. Dibanisa zibe ne kwinani olinikiweyo. Sikwenzele isibalo sokuqala.

b. 764 ____	c. 788 ____	d. 754 ____	e. 718 ____	f. 794 ____

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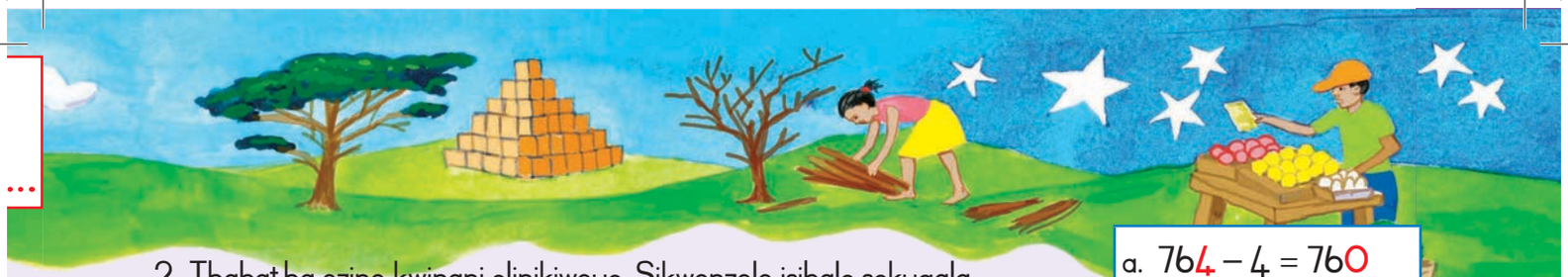


2. Thabatha ezine kwinani olinikiweyo. Sikwenzele isibalo sokuqala.

a. 764 – 4 = 760

b. 768 ____	c. 784 ____	d. 752 ____	e. 714 ____	f. 798 ____

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

_____

Jonga izangqa ezizuba kwibhodi yamanani.

a. Uqaphela ntoni ngezi zangqa? _____

b. Yandisa izibalo zolandelelwano lwamanani ezilandelayo:

703; 707; 711; ____; ____; ____

773; 777; 781; ____; ____; ____

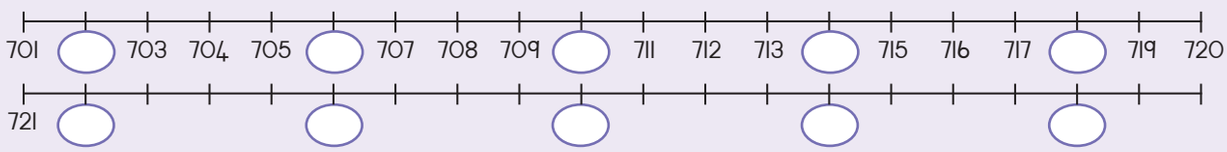
711; 715; 719; ____; ____; ____

783; 779; 775; ____; ____; ____

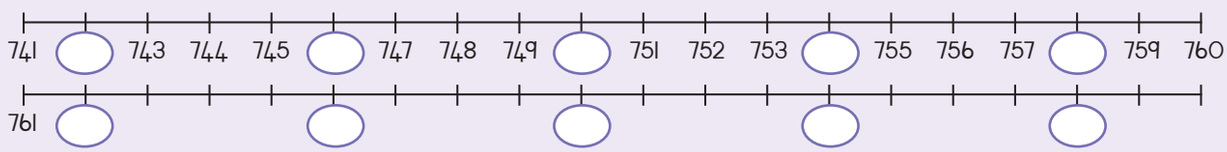
799; 795; 791; ____; ____; ____

Faka inani elichanekileyo kwisangqa ngasinye kule migca-manani.

a.



b.



Ndinenani elinamanani ama-3:

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

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

_____

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

Umhla: .....

Ungakuphendula msinyane kangakanani oku?

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

Faka umbala kwiibloko apho isibalo sikunika intsalela.

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

Wazi njani xa inani linokwahlulwa ngesi:

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

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4 Yahlula uze uhlole impendulo yakho.

65 ÷ 3 = (60 + 5) ÷ 3 = (60 ÷ 3) + (5 ÷ 3) = 20 + 1 ints 2 = 21 ints 2	21 × 3 + 2 = (20 + 1) × 3 + 2 = (20 × 3) + (1 × 3) + 2 = 60 + 3 + 2 = 65
a. 49 ÷ 5	
b. 65 ÷ 5	

5 Bala okulandelayo:

Kufuneka uhambe uyokwenza uphando.
Wazi njani ukuba inani linokwahluleka ngesi-4?

Teacher:
Sign:
Date:

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Umhla: .....

Iimpawu zezinto ezinemilinganiselo engu-3-D

Jonga imifanekiso.

Thetha ngemiphezulu yezinto usebenzise amagama afana nathi emcaba okanye egobileyo.

Iibhola	Iibhokisi	Iisilinda	Iiphiramidi	Iikhowuni

Jonga imifanekiso uze ugqibezele izivakalisi nemibuzo.

a. Ibhola _____

b. Kutheni ingatshebelezi ibhola? _____

c. Isilinda _____.

d. Ingaba nesilinda iyakwazi ukutshebeleza? _____

1 2 3 4 5 6 7 8 9 10

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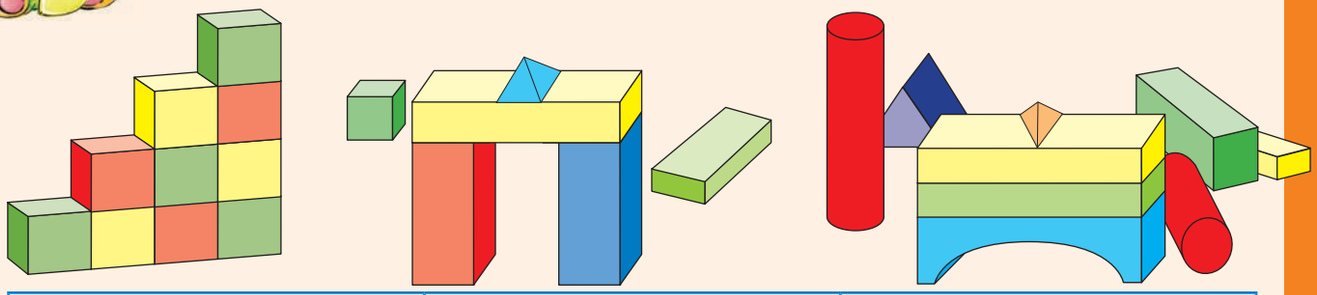
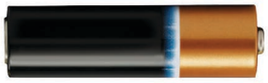
3 Nika amagama ezinto ezisetyenziswe emfanekisweni ngamnye.

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



_____	_____	_____
_____	_____	_____
_____	_____	_____

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

		
_____	_____	_____

5 Zoba okulandelayo:

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

Teacher:
Sign:
Date:

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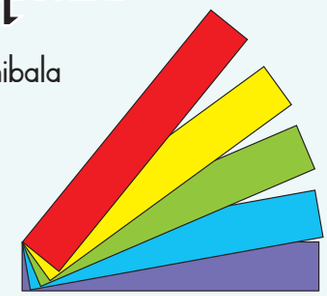
Umhla:

Izicuku zezixhobo zemicu yamaqhezu

Izinto ezisetyenziswayo: imicu yephepha emi-5 enemibala eyahluka-hlukileyo, Izikere, Iipenisile/Ikhrayoni



Yenza isicuku sezixhobo

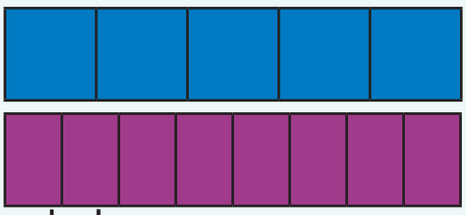
Sika ukhuphe iphepha lesi-5

Kumcu omnye bhala la magama: "Into Enye Epheleleyo"

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 uphinde 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. Into Enye Epheleleyo
Yahlula umcu ngokweenxenye ezintathu. Faka umbala kwinxenye enye yesithathu.	Yahlula isangqa sibe zizithathu. Faka umbala kwinxenye enye yesithathu.

1 2 3 4 5 6 7 8 9 10

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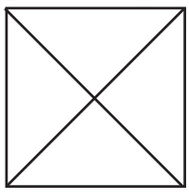
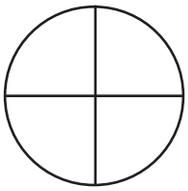
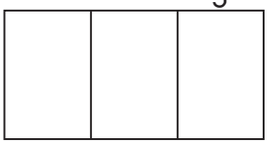
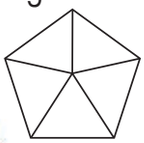
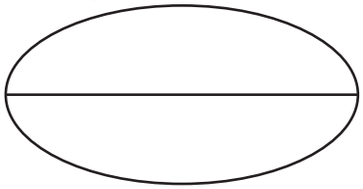
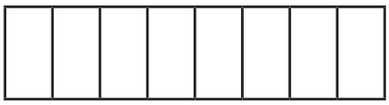
4 Ngoku faka umbala kokulandelayo:

Kwisiqingatha esinye 	Kwiikota ezintathu 	Kwiinxenye ezimbini kwezintathu ezilinganayo 
Kwiinxenye ezine kwezintlanu ezilinganayo 	Kwisiqingatha esinye 	Kwiikota ezintathu kwezine 

5 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.

6 Lungisa isicuku sezixhobo sakho

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

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92 Amanye amaqhezu

Umhla: .....

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 kunye nekota enye zenza iikota ezintathu _____

Yaba iphayi

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

a. Ndilambile! Ndifuna isiqingatha!

Sipho

Zoba isabelo sikaSipho.

b. Kulungile! Ndiza kuthatha ikota.

Gugu

Zoba isabelo sikaSipho nesikaGugu.

c. Ndiza kuthatha isiqingatha sento eseleyo.

Andile

Zoba isabelo sikaSipho, esikaGugu nesika-Andile.

d. Ingakanani iphayi endiza kuyifumana?

Lisa

Zoba zonke izabelo zabo zephayi.

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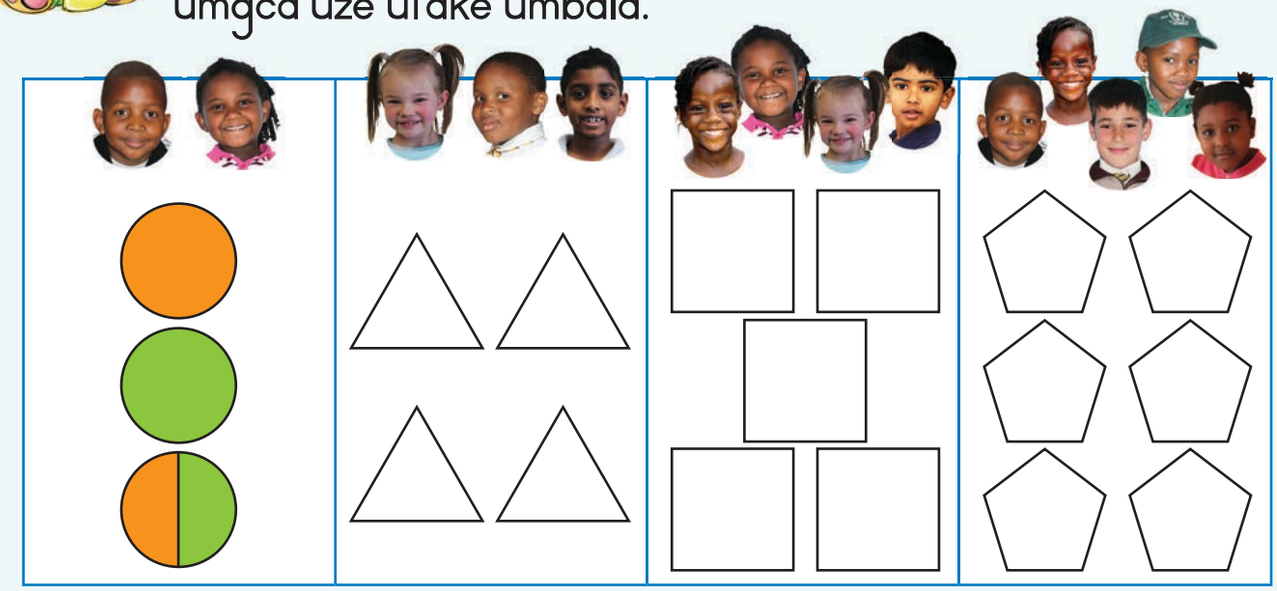
3 Yabela abantwana iimilo ngokukrwela umgca uze ufake umbala.



4

Abahlobo abane babelana ngeelekese ezi-5 ngokulinganayo.	Abahlobo abathandathu babelana ngeelekese ezili-9 ngokulinganayo.
Emnye kubo uza kufumana kangakanani?	Emnye kubo uza kufumana ezingakanani?
Uthini umbuzo?	Uthini umbuzo?
_____	_____
Athini amanani?	Athini amanani?
_____	_____
Zoba umfanekiso.	Zoba umfanekiso.

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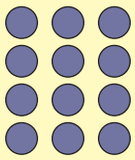
93

Umhla:

Ukwaba okukhokelela kumaqhezu

Nazi izibalisi ezili-12

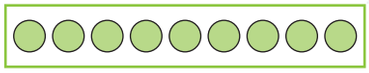


Singabahlobo ababini. Sinesikhongozelo esinye kuphela esahlulwe kanye ehafini.

Thina sobabini sabelana ngezibalisi ezilishumi elinesibini. .

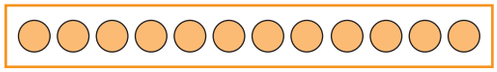
Yenza isazobe sezinto ezilandelayo uze uphendule umbuzo.

Iibhola ezilithoba zahlulelwa abahlobo abathathu.



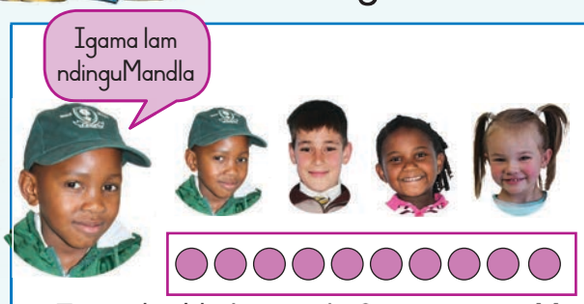
- Ingaba emnye kula mantombazana ufumana iibhola ezingaphi? ☐
- Inye intombazana, ifumana eliphi iqhezu? ☐

Iibhola ezilishumi elinesibini zabelwa abahlobo abane. Abathathu kubo ngamakhwenkwe.

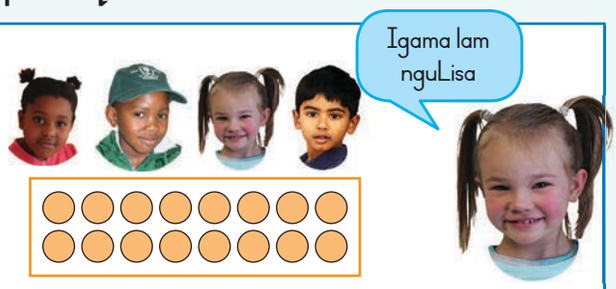


- Inye intombazana, ifumana iibhola ezingaphi? ☐
- Leliphi iqhezu elifunyanwa yinkwenkwe nganye? ☐

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



- Zingaphi iibhola eziza kufunyanwa nguMandla noLisa?



- Zingaphi iibhola eziza kufunyanwa nguMandla noLisa?

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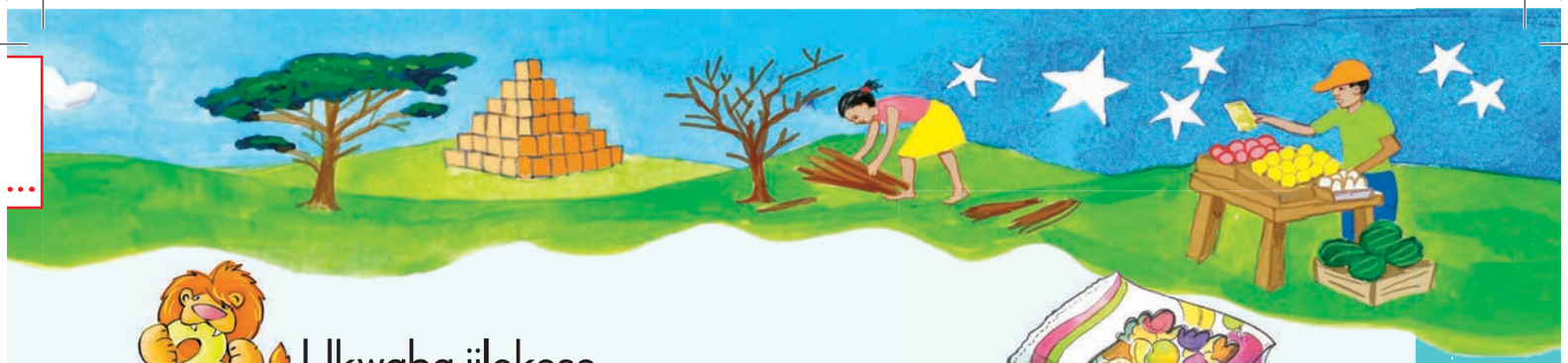


Ukwaba iilekese.

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 _____

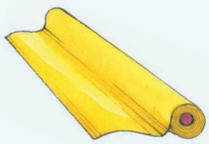
kwi-20 m _____ kwi-25 m _____

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 _____ R180 _____.

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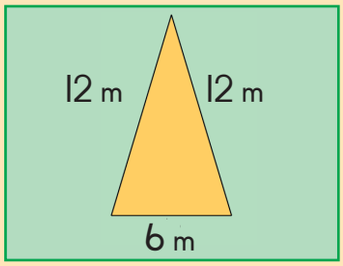
94 Iperimitha/Umjikelezo

Umhla: .....

Igama elithi pherimitha lithetha ubude okanye umjikelezo.

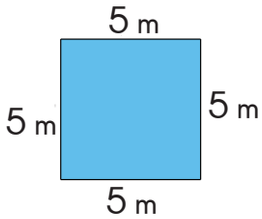
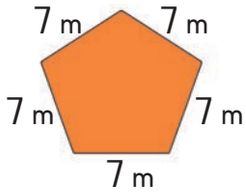
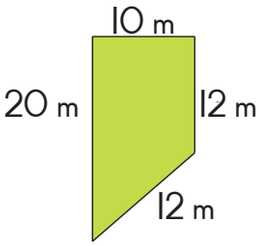


Umfama unomhlaba wokulima ongunxantathu.

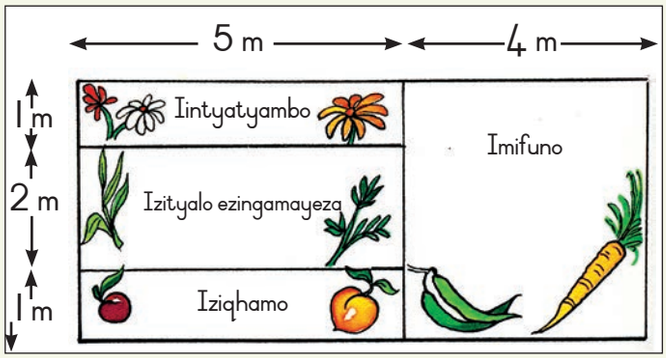
Sinako ukuyifumanisa ipherimitha yesiza ngokudibanisa ubude bamacala.

Ipherimitha = 12 m + 12 m + 6 m = 30 m

Fumana ezi pherimitha.

Isitiya sikaVeronica.



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? _____

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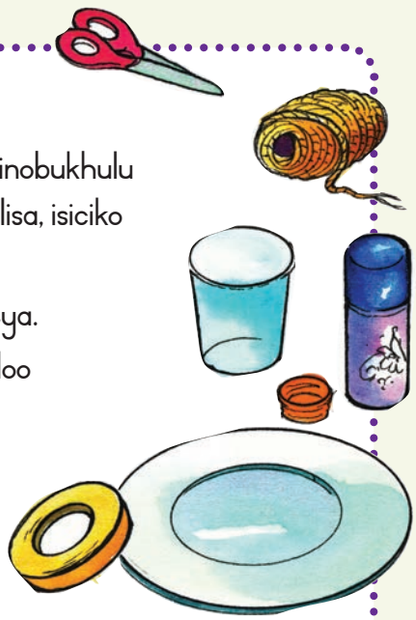
3 Yenza isicwangciso sesitiya sakho.

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

4 Ukulinganisa izangqa



Sebenza nomhlobo.

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

1. Khetha enye kwizinto ezingqukuva eza kulinganiswa ngomtya.
2. Sika intwana yomtya enobude obulingana ncam nejikeleza loo nto 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.	

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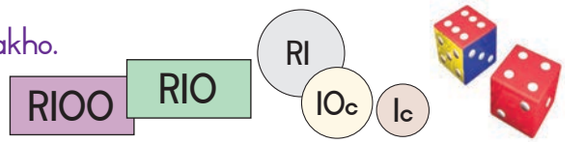
95a

Umhla:

Imali yokurhweba

Dlala le midlalo nomhlobo wakho.

Izinto ezisetyenziswayo:



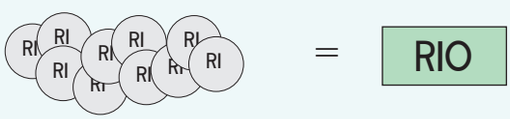
RIOOs	RIOs	RIs	IOc	Ic

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

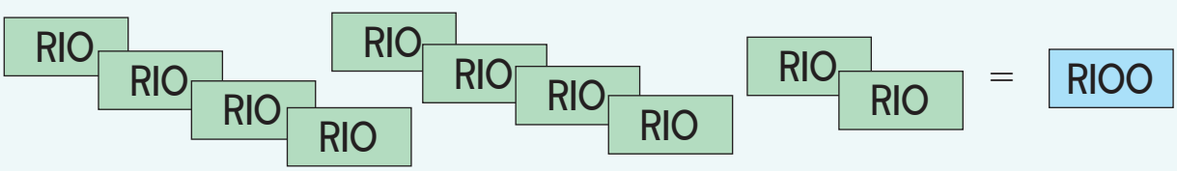
Beka iBhodi yeMali etafileni.
Ibhodi inamacandelo ama-5 angala, ukusuka ekhohlo ukuya ekunene, i-RIOO, i-RIO, i-RI, neesenti ezili-IO. Kulo mdlalo siza kusebenzisa iikholamu ezi-3 zokuqala.

Dibanisa ufikelele kwiRandi ezili-IOO.

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



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



5. 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.

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2 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

3 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.

4 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 ukhozo olunye lwe-IOc. Owokuqala otshintshe iinkozo ezilishumi ze-IOc ukuze afumane ukhozo lwe-RI nguye ophumeleleyo.

5 Thabatha iisenti.

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

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95b

Umhla: .....

Masiye ezivenkileni!

Iminqwazi ethengiswayo.

Ivenkile ithengisa iminqwazi ngamaxabiso ama-5 ahlukeneyo.

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

Qwalasela!
Thelekisa!
Lungisa!

a. Funa ixabiso leminqwazi kumqolo ngamnye.

b. UMaZondo uthenga omnye kuhlobo ngalunye lomnqwazi.

Ubhatala malini iyonke? _____

c. UButi uchitha ama-R450 iyonke. Uthenga umnqwazi omnye nge-R100.

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

Impendulo 1	Impendulo 2

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Kwivenkile yesonka.

UMusa usebenzisa iresiphi yokwenza ikeyiki etofotofo.

Iresiphi yekeyiki etofotofo

Ukwenzela ikeyiki: ama-40 g omgubo 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 iikeyiki 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-1 yekhrimu inokudibanisa malunga: neekeyiki ezili-10; iikeyiki ezisi-7; iikeyiki ezisi-8

Izibalo ezikhawuleziswayo

Qwalasela!
Thelekisa!
Lungisa!

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

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96 Okunye ngeenkcukacha

Umhla: .....

Kwisikhululo samapolisa.

Amapolisa amahlanu enza imisebenzi eyahlukeneyo. Aphi ngoku?

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

Bhala amagama okuba ngubani: Osedesikeni? _____

Ojikelezayo? _____

Osenkundleni? _____

Usuku lwemithi

Izikolo ezihlanu 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? _____

1 2 3 4 5 6 7 8 9 10

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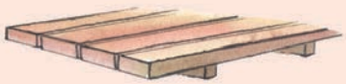
Hlobo luni lophahla?

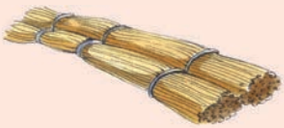
Iklasi yeBanga lesi-3 yenza uphando kwilali yayo.

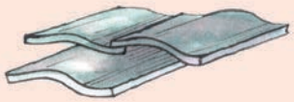
Bafuna ukuqonda ngeentlobo zamaphahla ezindlwini ezahlukeneyo.

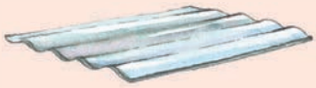
Babonisa iziphumo zabo kule grafu yeebloko.



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!

Teacher:
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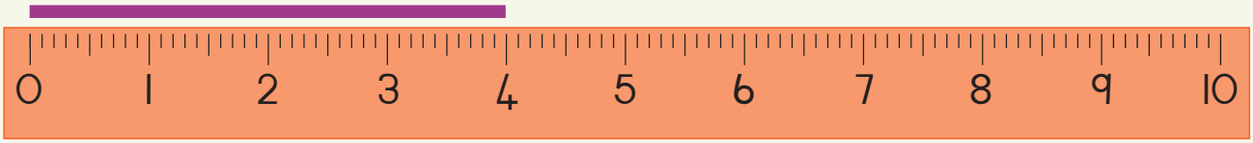
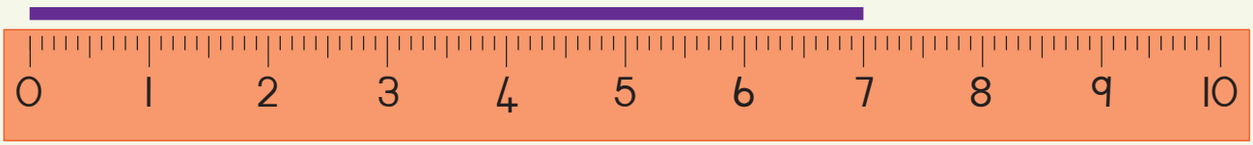
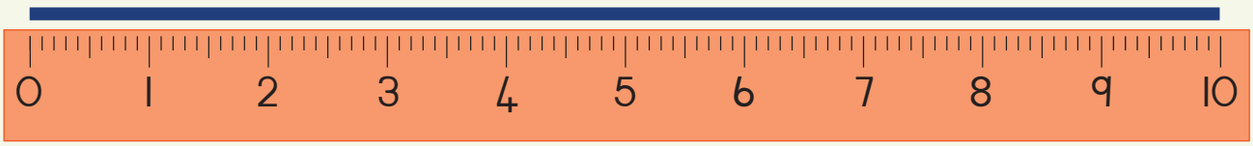
Umhla:

Ukusebenza ngeesentimitha

Mde kangakanani umgca onombala?







Qala ngokuqikelela uze ulinganise le migca.
Gqibezela itheyibhile.

Umgca	Uqikelelo	Umlinganiselo	Umahluko phakathi koqikelelo nomlinganiselo

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3 Ukusebenza ngeekhilomitha.

a. 10 cm

b. 7 cm

c. 15 cm

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

a. Ubude bencwadi _____

b. Ukuphakama kocango _____

c. Ubude bepenisile _____

d. Ubude bakho _____

e. Ubude bomnwe wakho _____

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

5 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 ugqibele ngeyona inde _____

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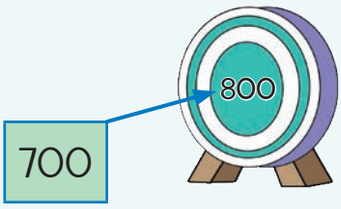
Umhla: .....

Ama-700 ukuya kuma-800

Bala uze ubhale.

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



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; _____; _____; _____; _____; _____; _____; _____

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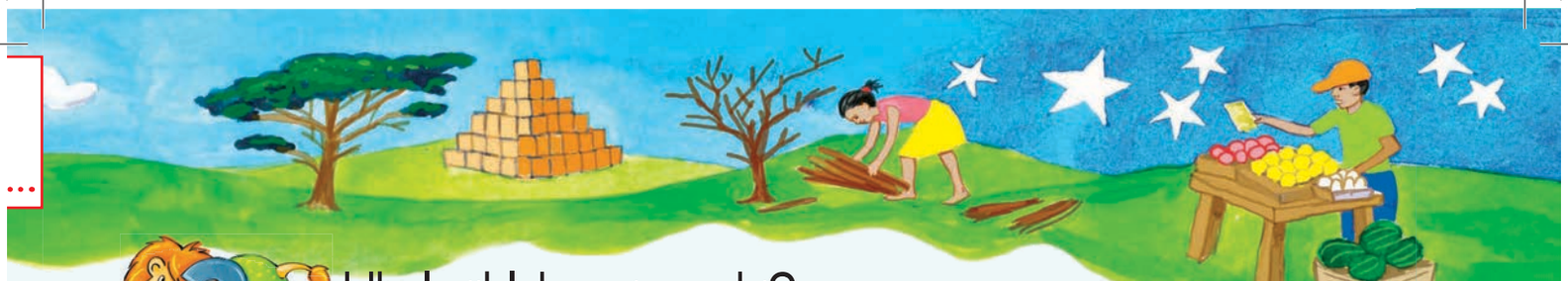
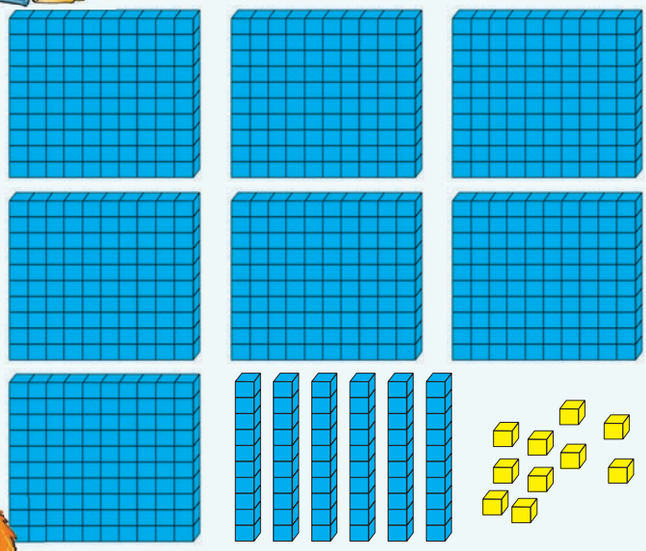


2 Ubale iibloko ezingaphi?



Uzibale njani iibloko?

3 Gqibezela imigca-manani.

750			753				757		759	
							789	788	787	
					753	756	759			

4 Gqibezela itheyibhile.

	Bhala elona lincinane ukuya kwelona likhulu.	Bhala ukusuka kwelona likhulu ukuya kwelona lincinane.
776, 772, 779, 770, 778		
736, 703, 730, 713, 703		

5 Bhala okulandelayo ngamagama.

788	

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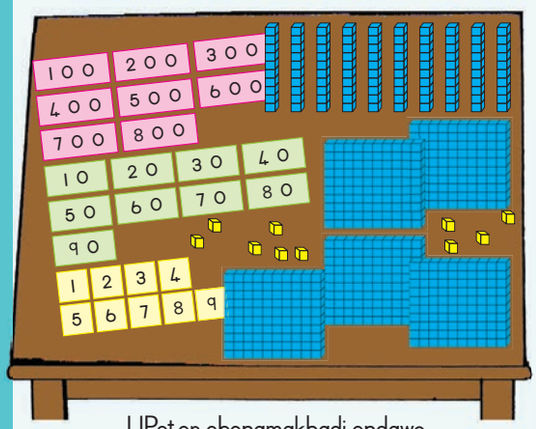
99

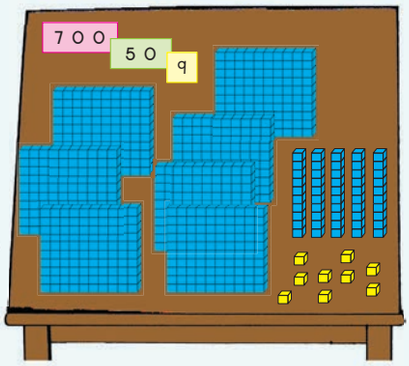
Umhla:

Amanye amanani aqala kuma-700 ukuya kuma-800

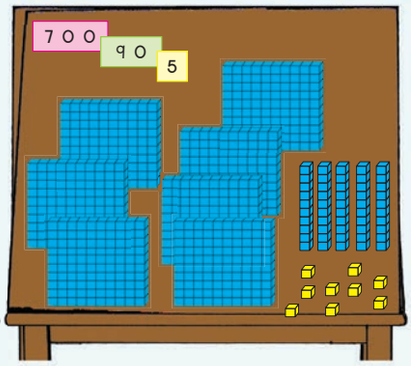


UPeter ebenamakhadi endawo yexabiso kunye neebloko zamashumi.

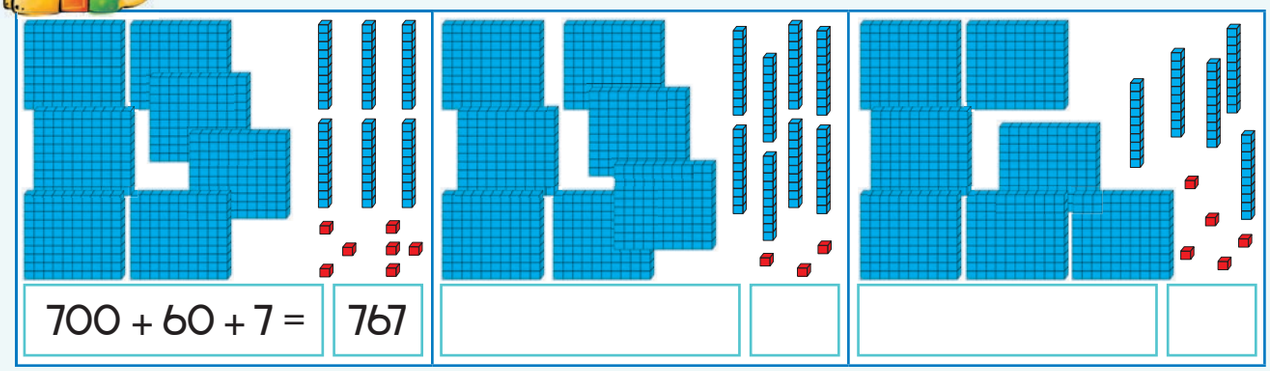
Utitshala ucele uPeter ukuba abonise ama-759 ngamakhadi akhe neebloko zakhe.



UBen ubonise oku. Yintoni angayenzanga kakuhle?



Bhala isivakalisi samanani wandule ukubhala impendulo.



Bhala isivakalisi samanani wandule ukubhala impendulo.

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

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3 Gqibezela umgca-manani.

789	790	791								799

Ndinike onke amanani angaphantsi kunama-795. _____

Ndinike onke amanani amakhulu kunama-795. _____

4 Faka <, > okanye =.

a. 799 _____ 766 b. 745 _____ 750

c. 700 + 90 + 7 _____ 767

5 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	

Umzekelo: 799

	7 0 0
	9 0
	9
	7 9 9
799	700 + 90 + 9

6 Bhala la manani ngamagama.

668	
757	
799	
742	
691	

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Date:

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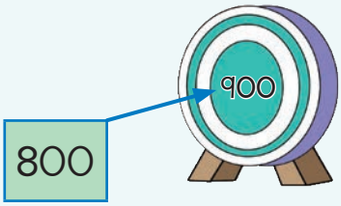
100

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.

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; ____; ____; ____; ____; ____; ____; ____

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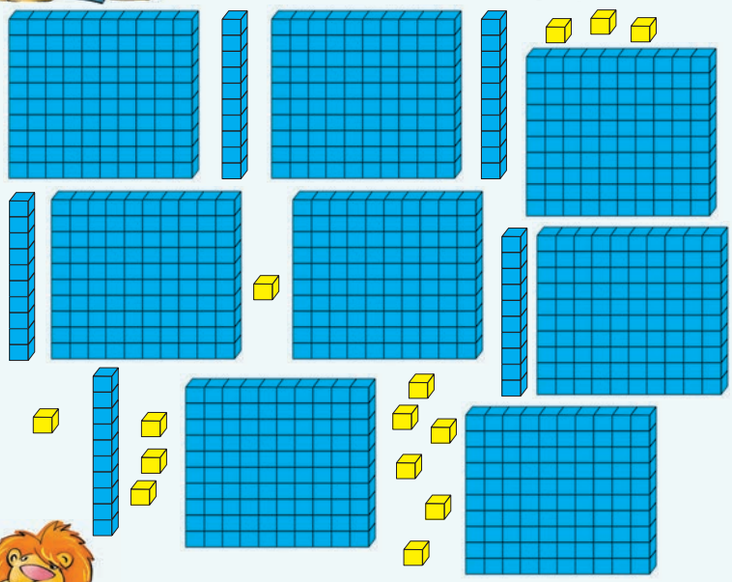
2 Ubale iibloko ezingaphi?



Uzibale njani iibloko?

3 Gqibezela imigca-manani.

830			833				837	838		
							876	881	886	
					843	846	849			

4 Gqibezela 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		

5 Bhala inani ngamagama.

845	

Teacher:
Sign:
Date:

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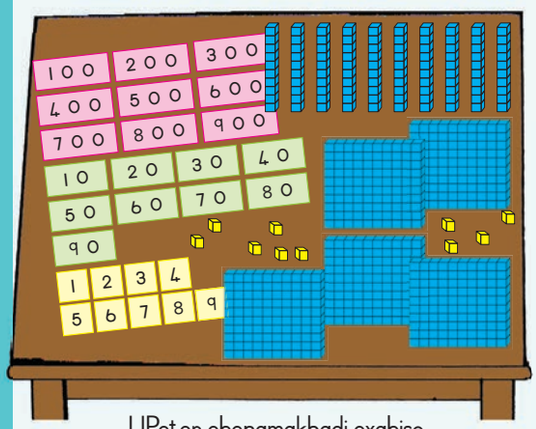
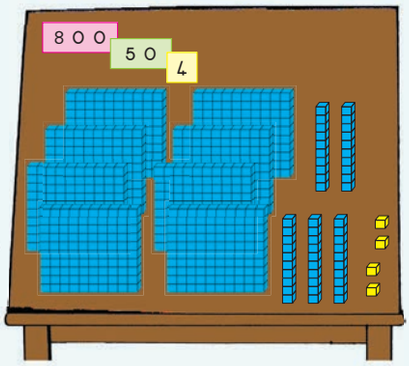
Umhla:

Amanye amanani aqala kuma-800 ukuya kuma-900

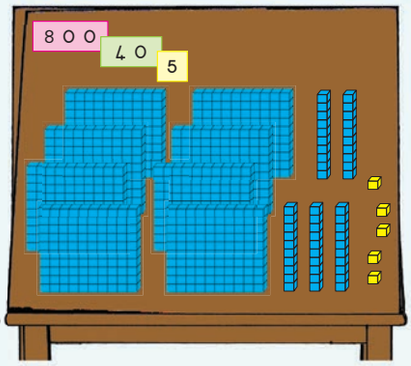


UPeter ebenamakhadi exabiso lendawo kunye neebloko zamashumi.

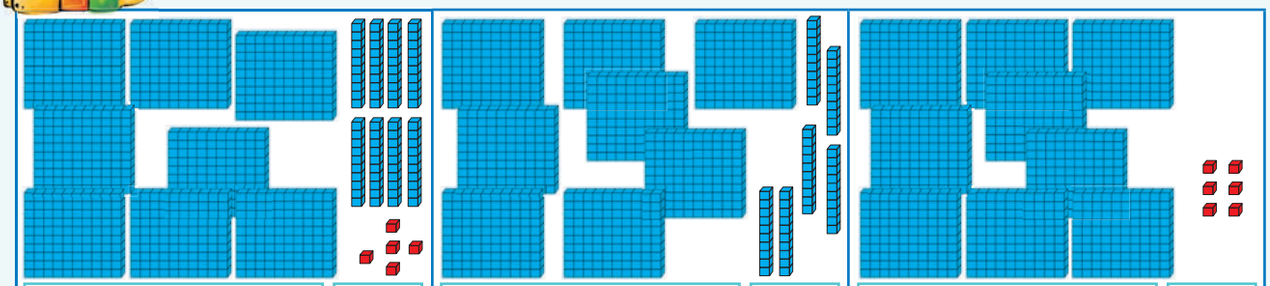
Utitshala ucele uPeter ukuba abonise ama-854 ngamakhadi neebloko zakhe.



Naku okuboniswe nguBen. Yintoni angayenzanga kakuhle.



Bhala isivakalisi samanani uze uphendule imibuzo.



800 + 80 + 5 =	885				

Bhala isivakalisi samanani wandule ukubhala impendulo.

800 50 2	800 90 7	800 3
800 + 50 + 2		
=		

1 2 3 4 5 6 7 8 9 10

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3 Gqibezela umgca-manani.

889	890	891										900

Ndinike onke amanani angaphantsi kunama-894. _____

Ndinike onke amanani amakhulu kunama-894 _____

4 Fakela <, > okanye =

a. 899 _____ 898 b. 802 _____ 820

c. 900 + 70 + 5 _____ 785

5 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	

Umzekelo: 876

	8 0 0
	7 0
	6
	8 7 6
876	800 + 70 + 6

6 Bhala la manani ngamagama.

889	
825	
803	
830	
899	

Teacher:
Sign:
Date:

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102a

Umhla:

Ukulinganisa ubunzima bezinto

Jonga imifanekiso elandelayo uze uphendule imibuzo.

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

_____

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

_____

c. 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.

Iimveliso 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.

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4 Jonga le mifanekiso uze uphendule le mibuzo.

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

5 Gqibezela itheyibhile

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

Into	Uqikelelo	Umlinganiselo	Umahluko phakathi koqikelelo nomlinganiselo

6 Iimveliso zinobunzima obungakanani zidibene?

Iimveliso zokuqala zinobunzima be-2 kg 500 g, eyesibini imveliso yi-1kg 500 g kanti eyokugqibela zii-3 kg 500 gm

Teacher:
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102b

Umhla: .....

Masiqhube ngokulinganisa ubunzima

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

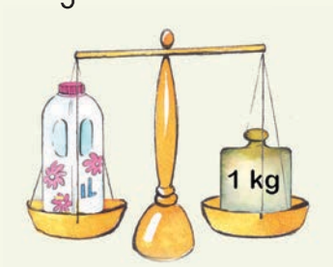
Ubunzima ngumlinganiselo wamandla atsalela izinto ezantsi. La mandla anganeno enyangeni kuba izinto zikhaphu-khaphu noko phaya. Kwiinjongo zemihla ngemihla apha emhlabeni sisebenzisa imilinganiselo efanayo yemasi nobunzima.

Ubunzima sibulinganisa ngeekhiilogrem nangeegrem.

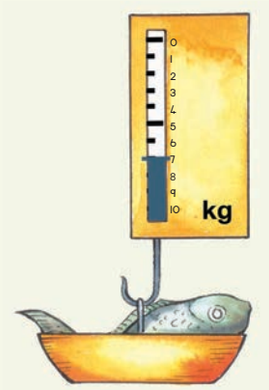
Izikali ezahlukeneyo

Sisebenzisa iintlobo ezahlukileyo zezikali xa silinganisa ubunzima.

Silinganisa imasi ngebhalansi kanti ubunzima sibulinganisa ngesikali sesipringi.



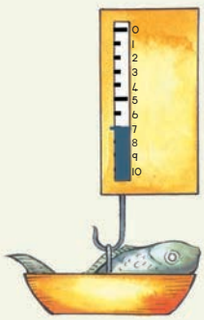
Ilitha yamanzi inemasi engange-1 kg.

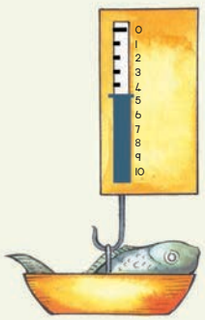


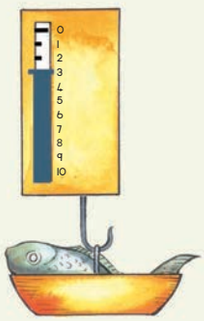
Le ntlanzi inobunzima be-3 kg.

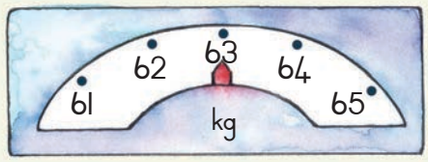
Funa ubunzima

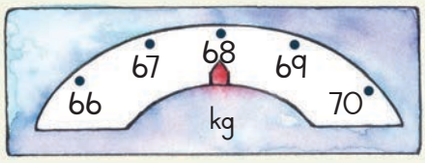
Bhala ubunzima ngokwe-kg njengoko kubonisiwe kwisikali ngasinye.

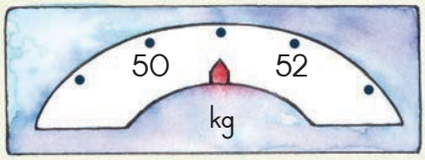












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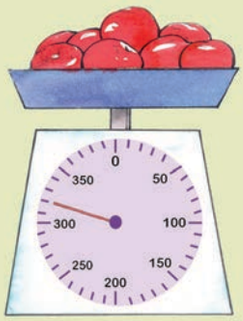
Sisebenzisa iigrem ukulinganisa ubunzima bezinto ezincinane okanye ezikhaphu-khaphu nokulinganisa amaqhezu ekhilogrem.

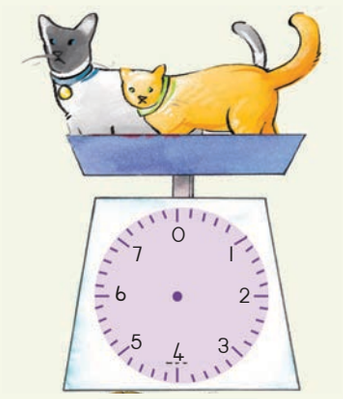
1 000 g = 1 kg

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

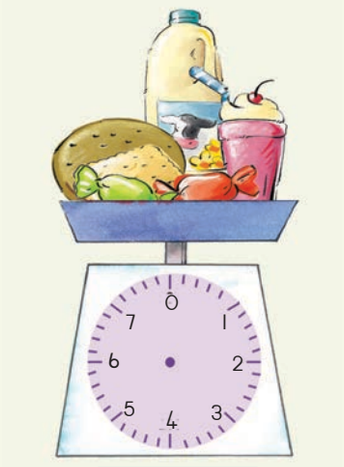


2 Zinzima kangakanani?

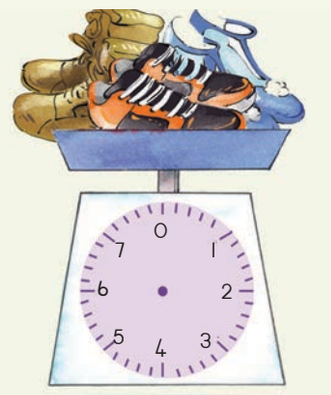
Zoba ukuba usiba lufanele ukuya ngaphi kwisikali ngasinye.



7 kg



4 kg



6 kg

3 Yenza ikhilogrem

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

a. 125 g + 250 g + 125 g + _____ g = 1 000 g (1 kg)

b. 50 g + 30 g + 240 g + 60 g + 100 g + _____ = 1 kg

c. 57 g + 46 g + 243 g + 334 g = _____ = 1 000 g (1 kg)

d. 50 g + 90 g + 160 g + _____ = 1 000 g (1 kg)

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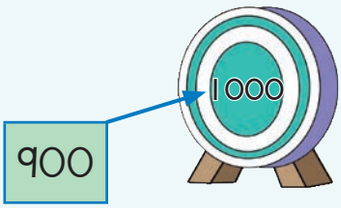
103 Amanani ukusuka kuma-900 ukuya kwi-1 000

Umhla: .....

Bala uze ubhale!



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

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 ngepatheni yezi-5.

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

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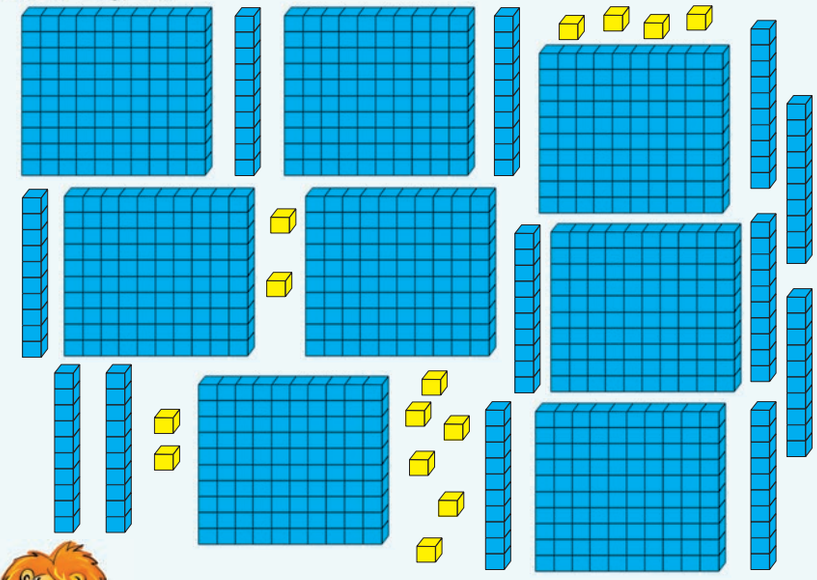
2 Ubale iibloko ezingaphi?



Uzibale njani iibloko?

3 Gqibezela imigca-manani.

950			953				957	958		
							956	961	966	
					903	906	909			

4 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		

5 Bhala inani ngamagama.

695	

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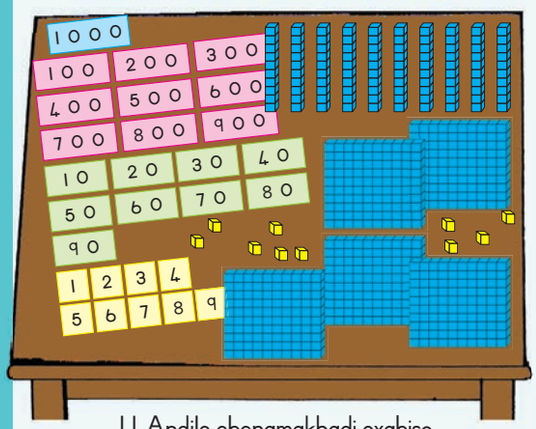
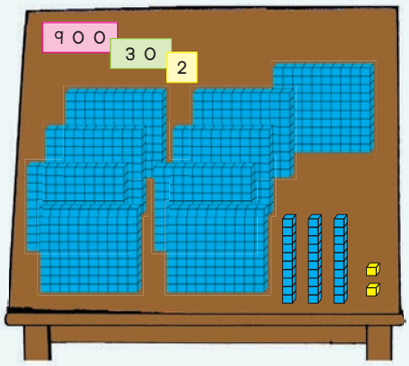
104 Amanye amanani aqala kuma-900 ukuya kwi-1 000

Umhla:

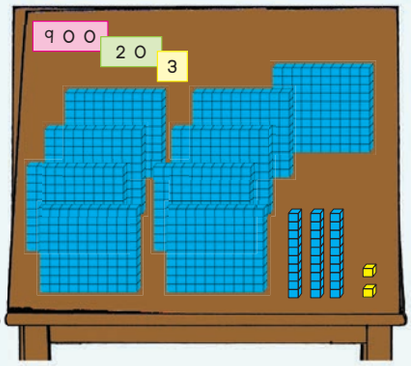


U-Andile ebenamakhadi exabiso lendawo neebloko zamashumi.

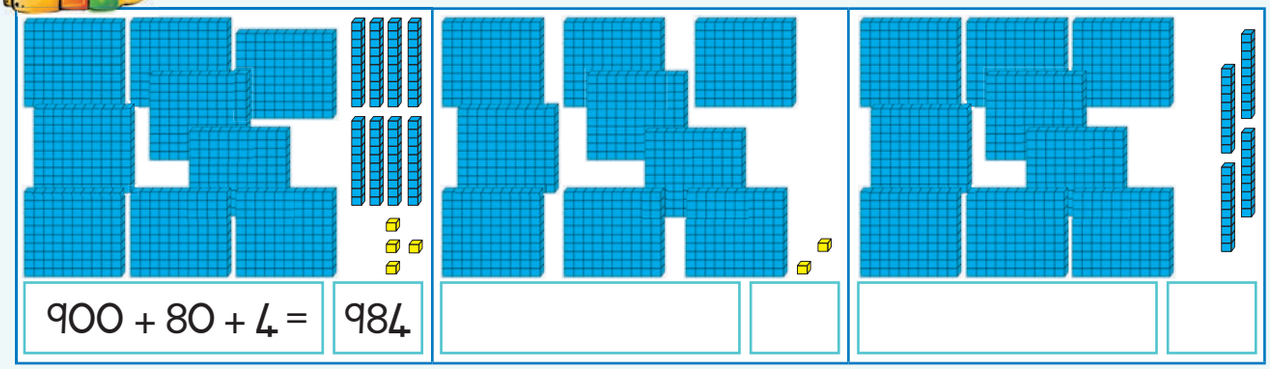
Utitshala ucele u-Andile ukuba abonise ama-932 ngamakhadi neebloko zakhe.



UGugu ubonise oku. Yintoni angayenzanga kakuhle?



Bhala isivakalisi samanani uze uphendule.



900 + 80 + 4 =	984				

Bhala isivakalisi samanani uze uphendule.

900 90 9	900 20	900 8
900 + 90 + 9		
=		

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3 Gqibezela umgca-manani.

989	990	991								999

Ndinike onke amanani angaphantsi kunama-995. _____

Ndinike onke amanani amakhulu kunama-995. _____

4 Fakela <, > okanye =.

a. 999 _____ 998 b. 957 _____ 975

c. 900 + 60 + 1 _____ 961

5 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	

Umzekelo: 984

	9 0 0
	8 0
	4
	9 8 4
984	900 + 80 + 4

6 Bhala la manani ngamagama.

976	
905	
950	
821	
909	

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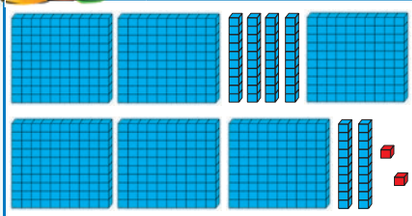
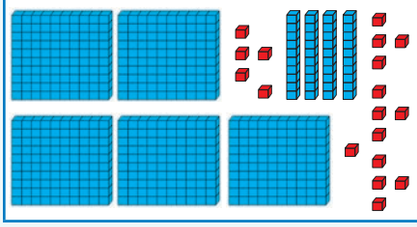
105 Ukudibanisa nokuthabatha ukususela kuma-999

Umhla: .....

1 Bhala isivakalisi samanani ngesibalo ngasinye.

	Chaza ukuba uzibale njani iibloko. _____
	Chaza ukuba uzibale njani iibloko. _____

2 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 [ ]

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 =		

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

a. Phinda-phinda kabini ama-340
= 340 + 340
= Phinda-phinda kabini ama-340
= 300 + 300 + 40 + 40
= 600 + 80
= 680

b. 340 + 341
= Phinda-phinda kabini ama-340 + 1
= 300 + 300 + 40 + 40 + 1
= 600 + 80 + 1
= 681

c. 470 + 470

d. 461 + 462

5 Sombulula eli qhina:

Abafundi beBanga lesi-2 baqokelele amapetyu angama-360.

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

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Umhla:

Malunga nendlu

Usuku lokubhaka.

UMakazi uPhindi ubhaka isonka e-ovenini yakhe.

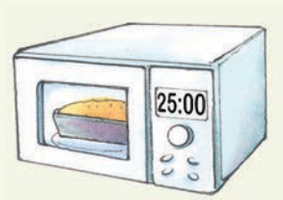
Bonisa ixesha kwezi wotshi.

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	Isiphelo	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	

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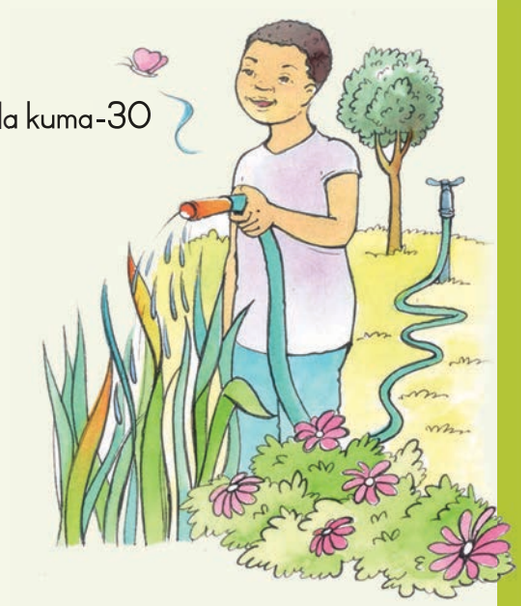
3 Nkcenkceshela isitiya.



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.

4 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	ngoMgqibelo	ngeCawe
98 ml	122 ml	108 ml	117 ml	109 ml	135 ml	?

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

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

c. Ibhotile ye-oyile enye eziimililitha (ml) ezingama-750 ixabisa i-R18,50.
Ingaba iibhotile ezi-4 ziyimalini? _____.

Qwalasela!
Thelekisa!
Lungisa!

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Umhla:

Ukusebenza ngemali

Bala imali eziinkozo nengamaphepha.

10 × 10c = R1	20 × 10c = R	50 × 10c = R	100 × 10c = R
10 × 20c = R	20 × 20c = R	50 × 20c = R	100 × 20c = R
10 × 50c = R	20 × 50c = R	50 × 50c = R	100 × 50c = R
10 × R1 = R	20 × R1 = R	50 × R1 = R	100 × R1 = R
10 × R10 = R	20 × R10 = R	50 × R10 = R	100 × R10 = R

100 × 10c = R_____	100 × 50c = R_____	100 × R10 = R_____
100 × 20c = R_____	100 × R1 = R_____	

Uhambo ngololiwe

UKgethi kunye nabantwana bakhe aba-3 bakhwela uloliwe.

Abantu abadala nabantwana babhatala imali efanayo.

UKgethi ubhatala ngale mali ingamaphepha.

Ufumana itshintshi engama-R30.

Liyimalini itikiti elinye? Phawula (✓) impendulo echanekileyo:

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

Qwalasela!
Thelekisa!
Lungisa!

1 2 3 4 5 6 7 8 9 10

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Isirhoxo sikaSandile

USandile ubhala phantsi yonke ingeniso yakhe kwitheyibhile.
Uqala aqikelele, 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?

+ 50c → R87,50 → R88
+ R2 → R88 → R90
+ R10 → R90 → R100
+R100 → R100 → R200

50c + R2 + R10 + R100 = R112,50 Itshintshi

Sebenzisa imigca-manani ikuncede ukubala itshintshi.

Ixabiso: R229,40
Ubhatala nge:

Ixabiso: R305,60
Ubhatala nge:

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Umhla:

Okunye ukudibanisa nokuthabatha ukuya kutsho kuma-999

Masisombulule iqhina lesibalo.

UGugu uqokelele izitikha ezingama-234.
UMandla umnike ezinye izitikha ngaphezulu ezingama-501.
Zingaphi izitikha anazo zizonke?

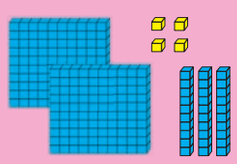
Uthini umbuzo?
Zingaphi izitikha anazo ngoku?

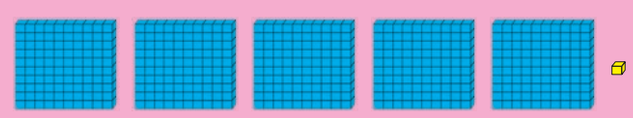
Leliphi igama elibalulekileyo? Ezinye ngaphezulu

Athini amanani? Ama-234 nama-501

Masibonise ngeebloko zamashumi.

ULisa uyisombulule 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 uyisombulule ngokusebenzisa iindlela ezimbini uzifundileyo.

Indlela yoku-1	Indlela yoku-2

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2 Imisebenzi yakusasa.

UThembi uqokelela izinto ezinokuhlaziywa 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: Sidibanise ☐ 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: Sidibanise ☐ Sithabathe ☐
Bonisa ngomzobo.	Sombulula le ngxaki usebenzise eyakho indlela yokubala.

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109 Okunye ukudibanisa nokuthabatha ukuya kuma-999

Umhla: .....

Jonga idayagramu uze uyichaze.

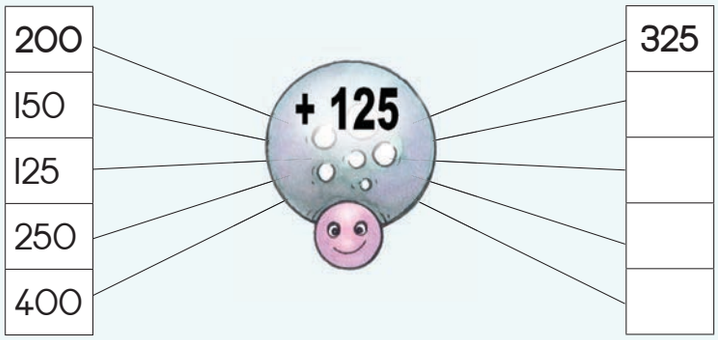
Gqibezela oku kulandelayo:

a. 223 + 223 = _____.	e. 117 + 117 = _____.
b. 160 + 160 = _____.	f. 450 + 450 = _____.
c. 115 + 115 = _____.	h. 112 + _____ = 224
d. 315 + 315 = _____.	g. 116 + _____ = 232

Bhala amanani

a. i-12 ngaphezu kwama-523 lenza _____.	e. 537 thabatha 29 _____.
b. i-15 ngaphantsi kwama-540 lenza _____.	f. isiqingatha sama-300 li- _____.
c. ama-20 ngaphezu kwama-576 enza _____.	g. ama-420 aphindwe kabini _____.
d. ama-60 ngaphantsi kwama-590 enza _____.	h. isiqingatha sama-600 ngama- _____.

Dibanisa 125



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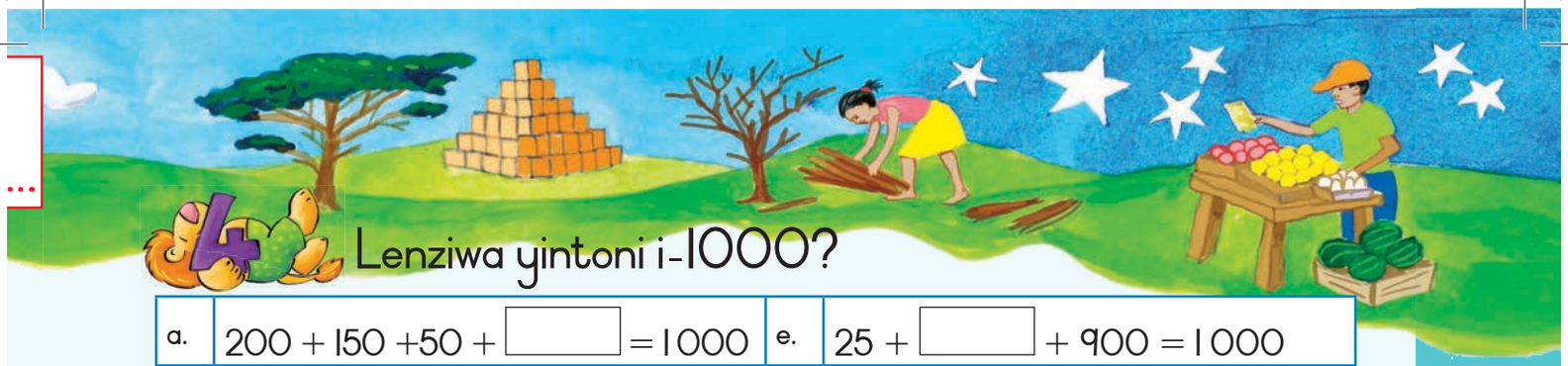

4 Lenziwa yintoni i-1000?

a.	200 + 150 +50 + ☐ = 1 000	e.	25 + ☐ + 900 = 1 000
b.	1 000 = 560 + ☐ + 400	f.	☐ + 700 + 50 = 1 000
c.	670 + ☐ = 1 000	g.	1 000 = 420 + ☐ + 500
d.	910 + 40 + ☐ = 1 000	h.	☐ + 30 + 900 = 1 000

Khangela iintsapho zamanani zoku+ noku–

Umzekelo: 125 + 600 = 725 725 – 125 = 600 725 – 600 = 125

123 + 77 = ☐	☐ – 77 = 123	☐ – 123 = 77
650 + ☐ = 800	800 – 650 = ☐	☐ + 650 = 800
1 000 – 250 = ☐	1 000 – ☐ = 250	250 + ☐ = 1 000
56 + ☐ = 300	300 – ☐ = 56	☐ + 56 = ☐
820 + ☐ = 1 000	1 000 – ☐ = 820	1 000 – 820 = ☐

Qwalasela!
Thelekisa!
Lungisa!

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 = ☐ 571 + 202 = ☐ 786 + 75 = ☐ 903 + 95 = ☐

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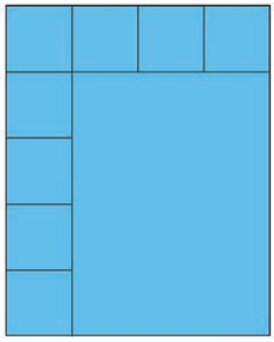
110 Iiphazile zokulinganisa

Umhla:

Fumana ieriya

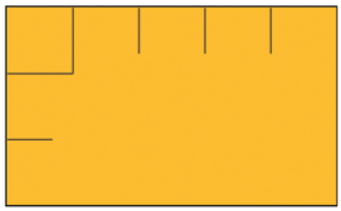
Zingaphi izikwere ezinobu bukhulu ezifunekayo ukuze zigqume umfanekiso ngamnye ngokupheleleyo? Zicingele ngokwakho indlela onokubala ngayo. Ungazoba izikwere phezu kwemifanekiso ukuze ukwazi ukubala.

a.



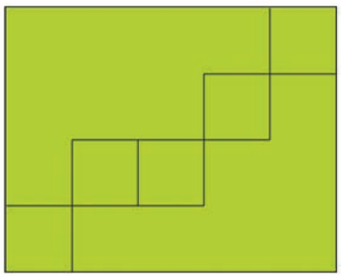
_____

b.



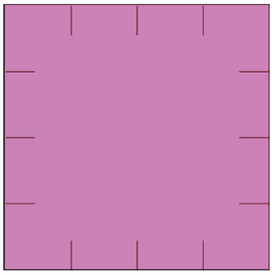
_____

c.



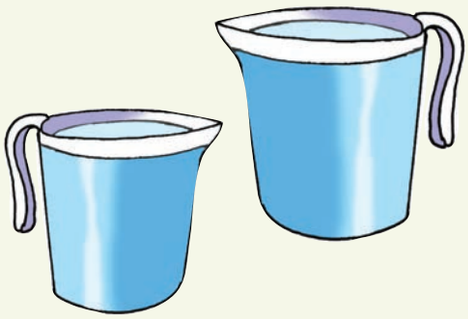
_____

d.



_____

Sombulula eli qhina



Ufuna ukulinganisa iilitha ezi-4 nqo zamanzi. Unezikhongozeli ezibini: esinye sithatha iilitha ezi-3 esinye sithatha ezi-5. Ungenza njani?

Umkhondo: zimbini iindlela onokwenza ngazo.

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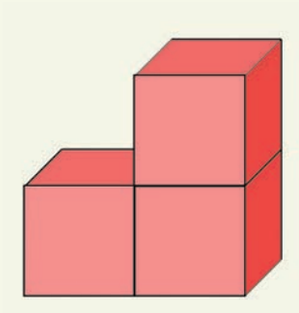
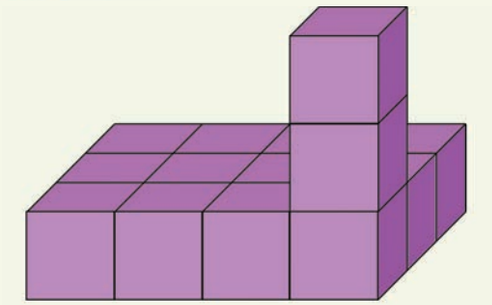
3 Ubona ntoni?

Kuncanyathiselwe iibloko ezintathu zadityaniswa kulo mfanekiso.



Ukuba uthatha iibhoko ezidityanisiweyo, zingaphi izikwere ozibalayo ngaphandle? _____

4 Bala iityhubhu



Zingaphi iityhubhu ezenza le milo?

_____

5 Umngeni: iqhina lexesha

Qwalasela!
Thelekisa!
Lungisa!

Imikhondo

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

_____

_____

_____

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Umhla: .....

Iipatheni zamanani: amashumi ukuya kuma-900

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 = _____

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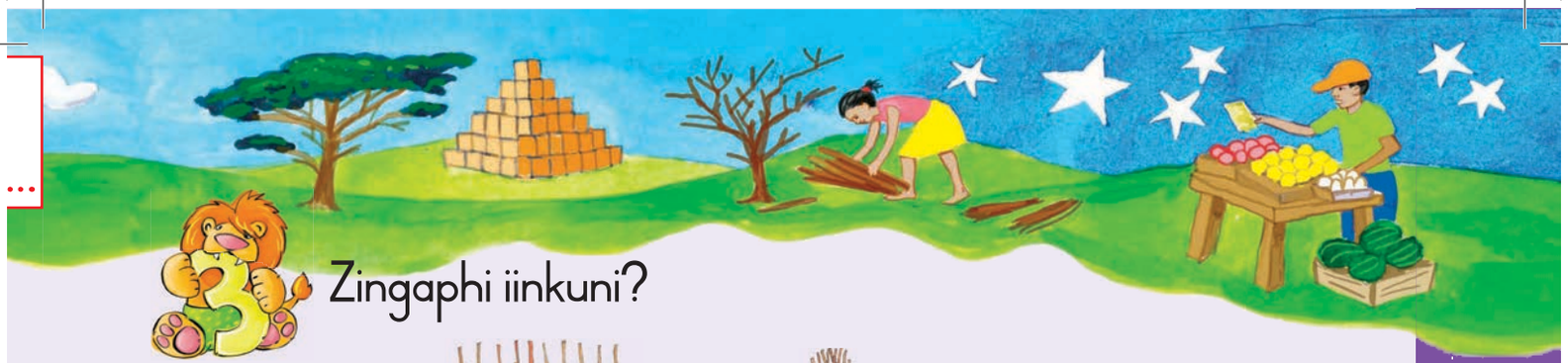

3 Zingaphi iinkuni?

Kukho iinkuni ezilishumi enyandeni .

1	= _____ iinkuni		10	= _____ iinkuni	
2	= _____ iinkuni		20	= _____ iinkuni	
3	= _____ iinkuni		30	= _____ iinkuni	
4	= _____ iinkuni		40	= _____ iinkuni	
5	= _____ iinkuni		50	= _____ iinkuni	
6	= _____ iinkuni		60	= _____ iinkuni	
7	= _____ iinkuni		70	= _____ iinkuni	
8	= _____ iinkuni		80	= _____ iinkuni	
9	= _____ iinkuni		90	= _____ iinkuni	
10	= _____ iinkuni		100	= _____ iinkuni	

4 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- _____ $100 \times 10 =$ ____

5 Zingaphi iinyanda?

Iinkuni ezi-700 zenza iinyanda ezi- _____.

Iinkuni ezi-900 zenza iinyanda ezi- _____.

Iinkuni ezi-1 000 zenza iinyanda ezi- _____.

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Umhla: .....

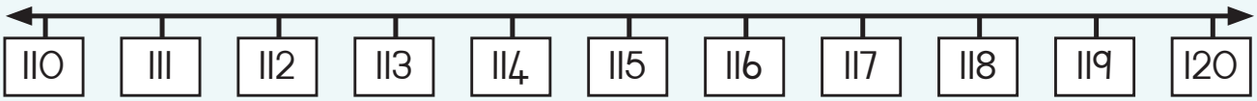
Sondeza kwelona 10 lisondeleyo

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

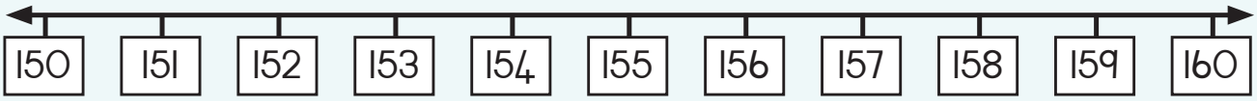
Khumbula ukuba kufuneka ujonge imivo xa usondeza kwelona shumi likufuphi.

Sondeza kwelona shumi likufuphi.

i-114 elisondeziweyo li- ____ i-117 elisondeziweyo li- ____

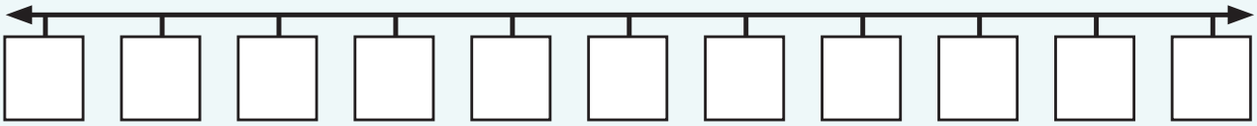


i-159 elisondeziweyo li- ____ i-151 elisondeziweyo li- ____

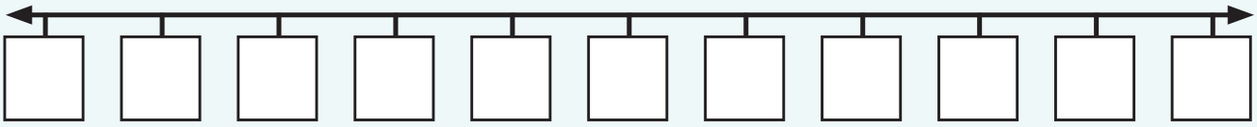


Sondeza kwelona shumi (10) likufuphi.
Zenzele umgca-manani wakho.

195



945



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3 Sondeza kwi-10 elikufutshane.

Phambi kokuba usondeze inani:

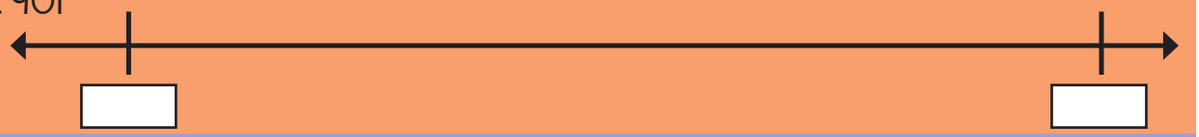
a. bhala phantsi ukuba liphakathi kwawaphi amashumi eli nani liza kusondezwa.

b. 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

4 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 ☐

5 Kufuneka ndibe nee-R10 ezingamaphepha ezingaphi?

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

I-ATM ikhupha imali engamaphepha kuphela.?

Kufuneka abe nee-R10 ezingamaphepha ezingaphi? ☐

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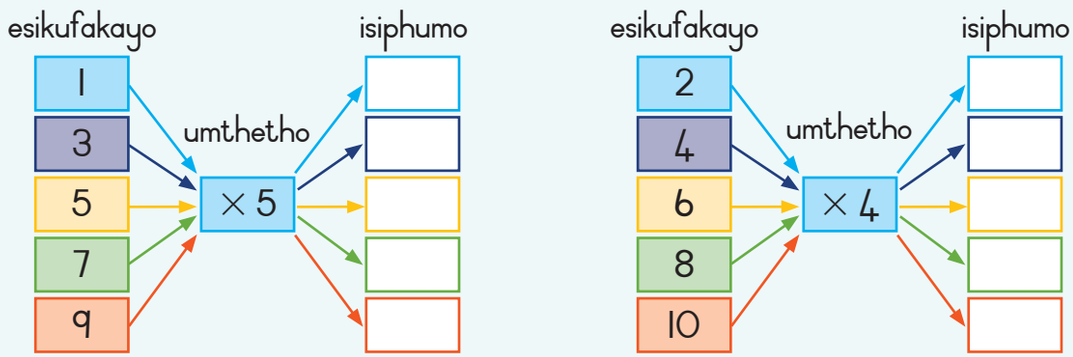
Umhla:

Ukuphinda-phinda nokwahlula: izihlanu ukuya kwi-100

1 Gqibezela izazobe zesigcawu.



2 Gqibezela itheyibhile engasezantsi:

×	1	2	3	4	5	6	7	8	9	10
5										

3 Bala:

12 × 5 = (10 + 2) × 5 = 50 + 10 = 60	11 × 5
13 × 5 = (10 + 3) × 5 = 50 + 15 = 50 + 10 + 5 = 65	13 × 5

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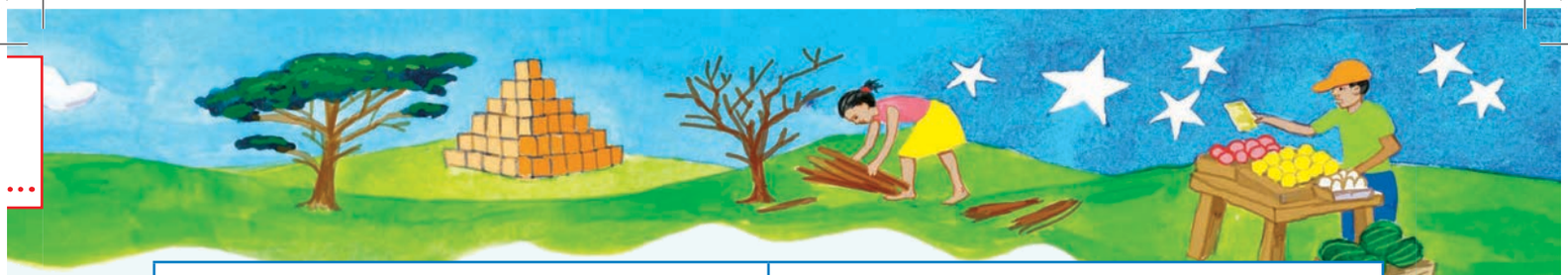
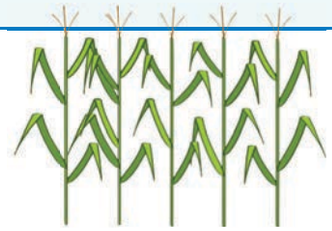


45 ÷ 5 = (40 + 5) ÷ 5 = (45 ÷ 5) + (5 ÷ 5) = 8 + 1 = 9	75 ÷ 5
48 ÷ 5 = (40 + 8) ÷ 5 = (40 ÷ 5) + (8 ÷ 5) = 8 + 1 ints 3 = 9 ints 3	13 ÷ 5

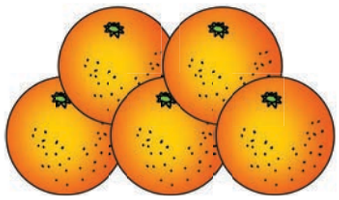
Bala ezi zibalo:



Igadi yemifuno inemiqolo eli-14 yezityalo.

Umqolo ngamnye unenani elilinganayo lezityalo.

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



UDavid uthengisa iingxowa ezineeorenji ezintlanu inye.

Uneeorenji ezingama-85.

Zingaphi iingxowa anokuzizalisa?

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Umhla: .....

114 Ipatheni 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 ipatheni amanani abiyelweyo?

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

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 = ____

1 2 3 4 5 6 7 8 9 10

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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, _____	

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Date:

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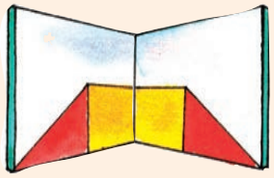
Umhla: .....

Okunye ngolingano macala

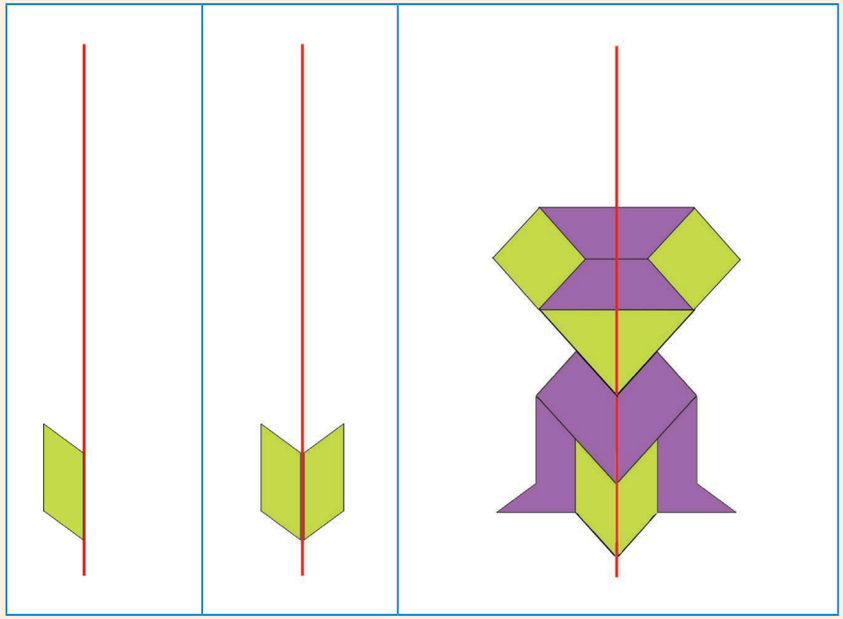
1 Isipili, isipili.



Dlala nomhlobo ngokusebenzisa enye yeeseti zeephazili zeethayili (enamaqhekeza ali-14) ethathwe kumsiko 10.

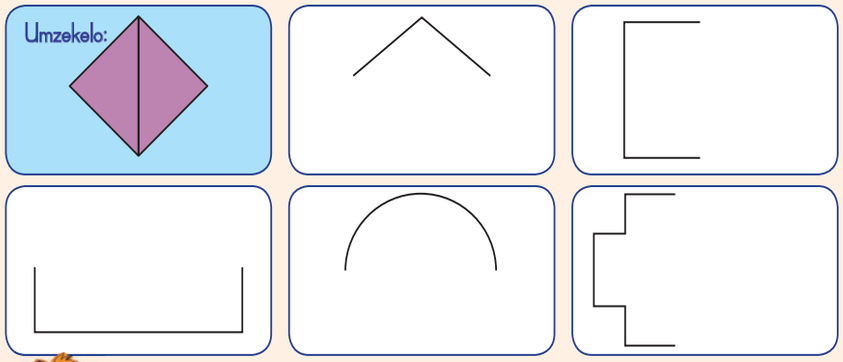
Umdlali ngamnye unesiqingatha samaqhekeza (amaqhekeza asi-7) eemilo zephazili eziithayili. Makungabikho maqhekeza angoomatwatotse.

Krwela umgca ehafini yephepha. Oku kungaba "ngumgca wesithunzi". Umdlali wokuqala ubeka elinye lamaqhekeza akhe ecaleni komgca. Umdlali wesibini ngoku ubeka isithunzi salo kwelinye icala lomgca. Kufuneka lichukumise umgca okanye enye imilo eseyibekiwe. Qhuba ade onke amaqhekeza asetyenziswe.

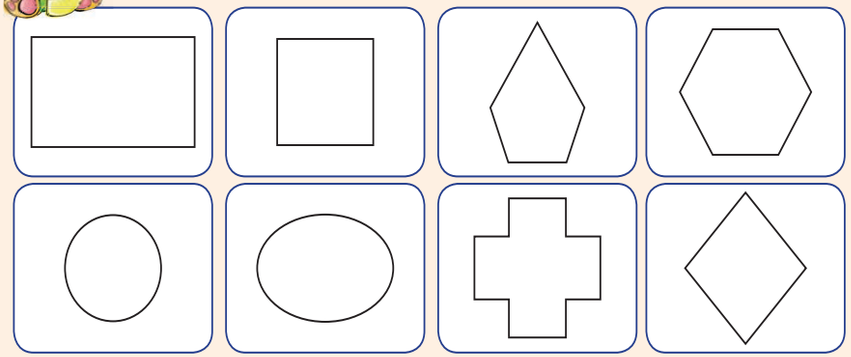


2 Zoba elinye icala lemilo.

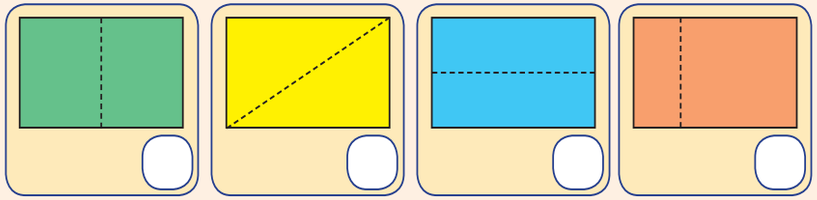
Ngoku bonisa umgca ofana ncam.



3 Krwela imigca kamatwatotse kwezi milo zilandelayo:



4 Phawula (✔) iimilo ezinemigca echanekileyo kamatwatotse.



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116 Ipatheni zamanani: izibini ukuya kuma-900

Umhla: .....

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 abiyelweyo?

Anezangqa ezizuba:	Ukubala nge _____.
Bhala ipatheni:	
Akwikholamu eziluhlaza:	Ukubala nge _____.
Bhala ipatheni:	

Bala.

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

3 Iminqakathi noonombini.

a. Bhala u-(✗) ecaleni kwenani elingumnqakathi ne-(✔) ecaleni kwenani elingunombini.

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

b. Phendula uthi ngunombini okanye ngumnqakathi.

Dibanisa amanani amabini ayiminqakathi. Ufumana inani eli _____.

Dibanisa amanani amabini angoonombini. Ufumana inani eli _____.

Dibanisa amanani amathathu ayiminqakathi. Ufumana inani eli _____.

Ukutyala imithi.

Le yenye indlela yokutyala imithi engama-48 kwimiqolo elinganayo.

Singabhala oku: 2 × 24 = 48 (imiqolo emi-2 yemithi engama-24 = 48) okanye 48 ÷ 2 = 24 (imithi engama-48 etyalwe kwimiqolo emi-2 elinganayo inika imithi engama-24 kumqolo omnye). Bala imiqolo kunye nemithi kumfanekiso ngamnye ongezantsi. Bhala isivakalasi samanani soku-× no ÷ ukuze utshatise.

a. _____ × _____ = _____ ÷ _____ =	
b. _____ × _____ = _____ ÷ _____ =	
c. _____ × _____ = _____ ÷ _____ =	
d. Fumana enye indlela yokutyala imithi engama-48 kwimiqolo. _____ × _____ = _____ ÷ _____ =	e. Fumana enye indlela yokutyala imithi engama-48 kwimiqolo. _____ × _____ = _____ ÷ _____ =

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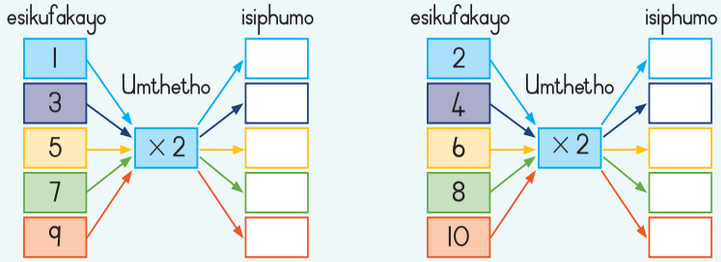
Umhla: .....

Ukuphinda-phinda nokwahlula: izibini ukuya kwi-100

1 Gqibezela izazobe zesigcawu.



2 Gqibezela itheyibhile engasezantsi:

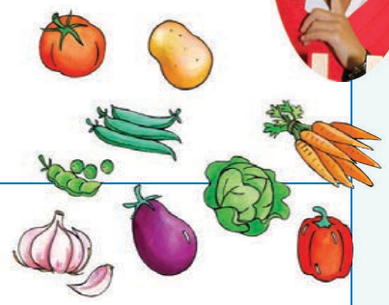
×	1	2	3	4	5	6	7	8	9	10
2										

3 Bala:

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

46 ÷ 2 = (40 + 6) ÷ 2 = (40 ÷ 2) + (6 ÷ 2) = 20 + 3 = 23	74 ÷ 2
47 ÷ 2 = (40 + 7) ÷ 2 = (40 ÷ 2) + (7 ÷ 2) = 20 + 3 ints 1 = 23 ints 1	75 ÷ 2

4 Bala ezi zibalo:



Isitiya semifuno sinemiqolo ngama-32 yezityalo.

Umqolo ngamnye unezityalo ezi-2.

Zingaphi izityalo ezisesitiyeni?

Isitiya semifuno sinemiqolo ngama-40 yezityalo.

Umqolo ngamnye unenani elilinganayo lezityalo.

Ukuba kukho izityalo ezingama-80, zingaphi izityalo ezikumqolo ngamnye?

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

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Umhla: .....

Ukuphinda-phinda nokwahlula: izithathu ukuya kwi-100

1 Gqibezela izazobe zesigcawu.

esikufakayo → umthetho ×3 → isiphumo

esikufakayo	umthetho	isiphumo
1	×3	
3		
5		
7		
9		

esikufakayo	umthetho	isiphumo
2	×3	
4		
6		
8		
10		

2 Gqibezela itheyibhile engasezantsi:

×	1	2	3	4	5	6	7	8	9	10
3										

3 Bala:

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

63 ÷ 3 = (60 + 3) ÷ 3 = (60 ÷ 3) + (3 ÷ 3) = 20 + 1 = 21	96 ÷ 3
65 ÷ 3 = (60 + 5) ÷ 3 = (60 ÷ 3) + (5 ÷ 3) = 20 + 1 ints 2 = 21 ints 2	98 ÷ 3

4 Bala ezi zibalo:

UMandisa uneelekese ezingama-30.

Eli nani liziphinda kalishumi anazo uJabu.

Zingaphi iilekese anazo uJabu?

Igadi yemifuno inemiqolo engama-29 yezityalo.

Umqolo ngamnye unezityalo ezi-3.

Zingaphi izityalo ezisegadini?

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Umhla: .....

Ipatheni zamanani: 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

Amanani anezangqa asibonisa eyiphi ipatheni?

Anezangqa eziorenji:	Ukubala nge _____.
Bhala ipatheni:	
Anezangqa eziluhlaza:	Ukubala nge _____.
Bhala ipatheni:	

Bala.

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

Ibhodi yamanani ukusuka kuma-901 ukuya kwi-1 000

901		903	904		906	907		909	910
	912	913		915	916		918	919	
921	922		924	925		927	928		930
931		933	934		936	937		939	940
	942	943		945	946		948	949	
951	952		954	955		957	958		960
961		963	964		966	967		969	990
	972	973		975	976		978	979	
981	982		984	985		987	988		990
991		993	994		996	997		999	1 000

Fakela amanani angekhoyo.

Fakela umbala oluhlaza kwiibloko zamanani ashiyiweyo. Fakela umbala obomvu kwiibloko ezimhlophe ezinamanani. Yeyiphi ipatheni oyibonayo?

Gqibezela iipatheni.

a. Dibanisa izithathu ezi-4 kuma-981.	984, 987, 990, 993
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.	_____

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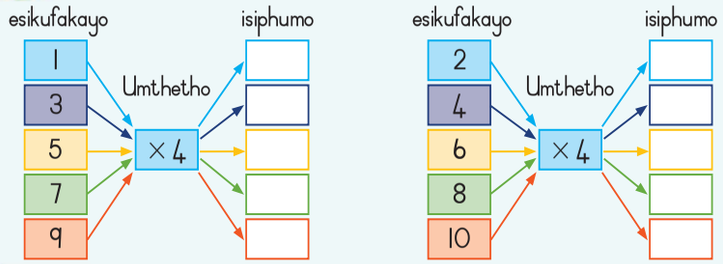
Umhla: .....

Ukuphinda-phinda nokwahlula: izine ukuya kwi-100

1 Gqibezela izazobe zesigcawu.



2 Gqibezela itheyibhile engasezantsi:

×	1	2	3	4	5	6	7	8	9	10
4										

3 Bala:

12 × 4 = (10 + 2) × 4 = 40 + 8 = 48	11 × 4
13 × 4 = (10 + 3) × 4 = 30 + 12 = 30 + 10 + 2 = 52	15 × 4

48 ÷ 6 = (40 + 8) ÷ 4 = (40 ÷ 4) + (8 ÷ 4) = 10 + 2 = 12	64 ÷ 4
45 ÷ 4 = (40 + 5) ÷ 4 = (40 ÷ 4) + (5 ÷ 4) = 10 + 1 ints 1 = 11 ints 1	49 ÷ 4

4 Bala ezi zibalo:

UTony uneelekese ezingama-36.

Utya iilekese ezi-4 ngemini.

Uza kutya iilekese iintsuku ezingaphi?

UDavid uthengisa iipakethe ezineeorenji ezine inye.

Uneeorenji ezingama-88.

Angazalisa iipakethe ezingaphi?

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Umhla: .....

Tipatheni zamanani: izine 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

1 Amanani anezangqa asibonisa eziphi iipatheni?

Anezangqa eziluhlaza:	Ukubala nge _____.
Bhala ipatheni:	
Anezangqa ezimsobo:	Ukubala nge _____.
Bhala ipatheni:	

2

a. 872 + 4 + 4 + 4 = ____	b. 821 − 4 − 4 − 4 = ____	c. 840 + 4 + 4 = ____
d. 836 − 4 − 4 − 4 − 4 = ____	e. 885 + 4 = ____	f. 845 − 4 − 4 = ____
g. 803 + 4 + 4 + 4 = ____	j. 813 − 4 = ____	i. 847 − 3 − 3 − 3 = ____

Ibhodi yamanani ukususela kuma-901 ukuya kwi-1 000

901		903	904	905		907	908	909	
911	912	913		915	916	917		919	920
921		923	924	925		927	928	927	
931	932	933		935	936	937		939	940
941		943	944	945		947	948	949	
951	952	953		955	956	957		959	960
961		963	964	965		967	968	969	
971	972	973		975	976	977		979	980
981	982	983	984	985		987	988	989	
991	992	993		995	996	997		999	1 000

3 Fakela amanani angekhoyo.

Fakela umbala oluhlaza kwiibloko zamanani angekhoyo. Fakela umbala obomvu kwiibloko ezimhlophe ezinamanani. Ubona eyiphi ipatheni?

4 Gqibezela iipatheni.

a. Dibanisa izine ezi-4 kuma-980.	984, 988, 992, 996
b. Dibanisa izine ezi-5 kuma-971.	_____
c. Thabatha izine ezi-4 kuma-963.	_____
d. Thabatha izine ezi-3 kuma-927	_____
e. Dibanisa izine ezi-2 kuma-938.	_____

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

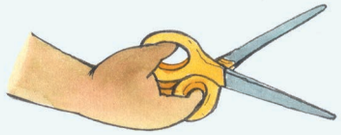
Umhla: .....

Tinxalenye ezilinganayo zento epheleleyo

Ikota 4

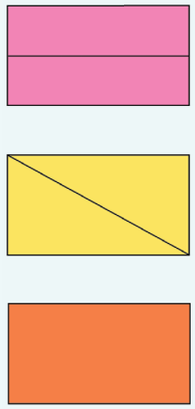
1 Isiqingatha esinye, nokuba sisikwe njani.

Sika iingxande kwiphepha elinemibala (kuMsiko II).



Funa iindlela ezahlukileyo zokwenza isiqingatha esinye.

1. Songa uxande oluliphepha ehafini ngokobude balo. Lisike ehafini kule ndawo lisongwe kulo. Inxalenye nganye yephepha ilingana nenye. Inxalenye nganye sisiqingatha (yihafu $\frac{1}{2}$) soxande lwakuqala.
2. Songa elinye iphepha ehafini ngokuxwesileyo. Lisike ehafini kule ndawo lisongwe kulo. Inxalenye nganye ilingana nenye. Inxalenye nganye sisiqingatha sephepha lokuqala.
3. Yeyiphi enye indlela yokwahlula iphepha libe ziinxalenye ezimbini ezilinganayo? Sebenzisa isikere nephepha uzame oku, uze uzobe emgceni osonge kuwo waza wasika.



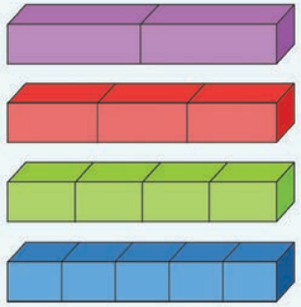
2 Ezinye iinxalenye ezilinganayo zento epheleleyo

Xa sisahlula into ibe ziinxalenye ezi-2 ezilinganayo, ezo nxalenye sizibiza ngokuba ziziqingatha okanye iihafu.

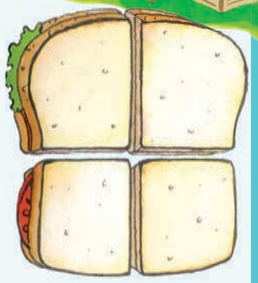
Xa sisahlula into ibe ziinxalenye ezintathu ezilinganayo, ezo nxalenye sizibiza ngokuba zizithathu.

Xa sisahlula into ibe ziinxalenye ezine ezilinganayo, ezo nxalenye sizibiza ngokuba zizine okanye iikota.

Xa sisahlula into ibe ziinxalenye ezilinganayo ezintlanu, ezo nxalenye sizibiza ngokuba zizihlanu.



3 Amaqebengwane esonka esidlo sasemini.



UThabo nabahlobo bakhe benza izonka ezininzi zesidlo sasemini.

Bazisika zibe zizine okanye iikota.

Oku kuthetha ukuba bazisika zibe ngamaqhekeza amane alinganayo.

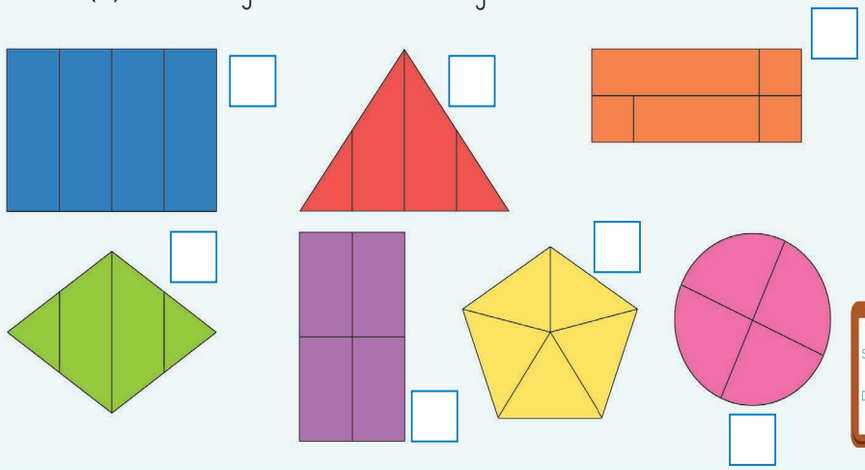
Nantsi enye indlela. Bonisa ezinye iindlela ezi-3 ongakwenza ngazo oku.

4 Ukwahlula ibe zizine.

Qwalasela! Thelekisa! Lungisa!

Xa sisika into ibe ziikota ($\frac{1}{4}$), siyahlula ibe ziinxalenye ezine ezilinganayo.

Phawula (✓) imifanekiso engezantsi ebonisa iikota okanye izine.



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

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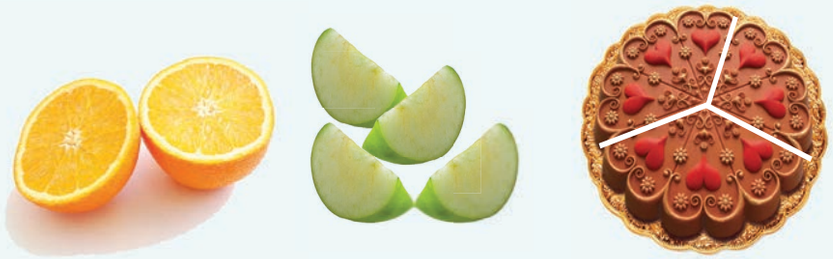
Umhla: .....

Izibalo zamaqhezu

1 Xoxa ngamaqhezu nabahlobo bakho,



2 Sombulula ngokunika iimpendulo zale mibuzo nangokuzoba imifanekiso.

a. Umqeqeshi webhola yomnyazi unika umdlali isiqingatha seorenji. Kukho abadlali abali-14.

Zingaphi iiorenji ezifunekayo? _____

Uthini umbuzo? _____

Ngawaphi amanani okanye amaqhezu akwesi sibalo? _____

Leliphi igama eliphambili? _____

Zoba umfanekiso.

Ithini impendulo? _____

b. Umama wam unika mna nabahlobo bam abali-11 ikota yeapile umntu emnye.

Kufuneka abe nama-apile amangaphi? _____

Ngawaphi amanani okanye amaqhezu kwesi sibalo? _____

Leliphi igama eliphambili? _____

Zoba umfanekiso.

Ithini impendulo? _____

c. Kwitheko lasesikolweni bebethengisa iikeyiki ezisikwe zangamaqhekeza amathathu inye.

Kuthengiswe iqhezu kubantu abangama-24.

Zingaphi iikeyiki ezithengisiweyo? _____

Ngawaphi amanani okanye amaqhezu akwesi sibalo? _____

Leliphi igama eliphambili? _____

Zoba umfanekiso.

Ithini impendulo? _____

Teacher:
Sign:
Date:

Umhla:

Izinto ezinemilinganiselo engu-3-D

Ikota 4

Jonga imifanekiso.

Leliphi iqela elibonisa iibhola, iisilinda neebhokisi.

A _____	B _____	C _____

Khangela imifanekiso emibini yento nganye uze uyincamathelise ngezantsi.

Krwela umgca kwimpendulo echanekileyo.

a. Itumato imile okwebhola/bhokisi/silinda.

b. Igilasi yokusela imile okwebhola/bhokisi/silinda.

c. Incwadi imile okwebhola/bhokisi/silinda.

Ethe tse negobileyo.

Ezinye izinto eziqinileyo zinemiphezulu emcaba. Ezinye zinemiphezulu egobileyo.

Isilinda ineembuso ezimbini ezimcaba nobuso obunye obugobileyo.	Ikhowuni inobuso obunye obumcaba nobunye obugobileyo.	Isangqa sigobe macala onke.

Iyaqengqeleka

Cinga ngendlela enokuqengqeleka ngayo isilinda, ikhowuni okanye isangqa.

Kwezi zinto zingu-3, yeyiphi:

a. Engenakuqengqelekela kude?	
b. Enokuqengqeleka emgceni othe tye?	
c. Enokuqengqelekela nakweliphi icala?	

Yintoni inethi?

Imilo emcaba enokusongeka yenze imilo eqinileyo ibizwa ngokuba yinethi.

A

B

Bhala unobumba wenethi enokusongwa ibe yikhowuni _____

Bhala unobumba wenethi enokusongwa yenze isilinda _____

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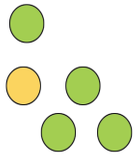
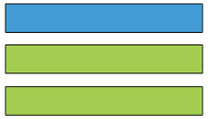
Umhla: .....

Amanye amaqhezu

Ikota 4

1 Xela amaqhezu.

Bhala iqhezu lomfanekiso ongasezantsi.

	
a. Umbala obomvu uleliphi iqhezu? _____	b. Umbala oluhlaza uleliphi iqhezu? _____
	
c. Umbala ozuba uleliphi iqhezu? _____	d. Umbala omthubi uleliphi iqhezu? _____

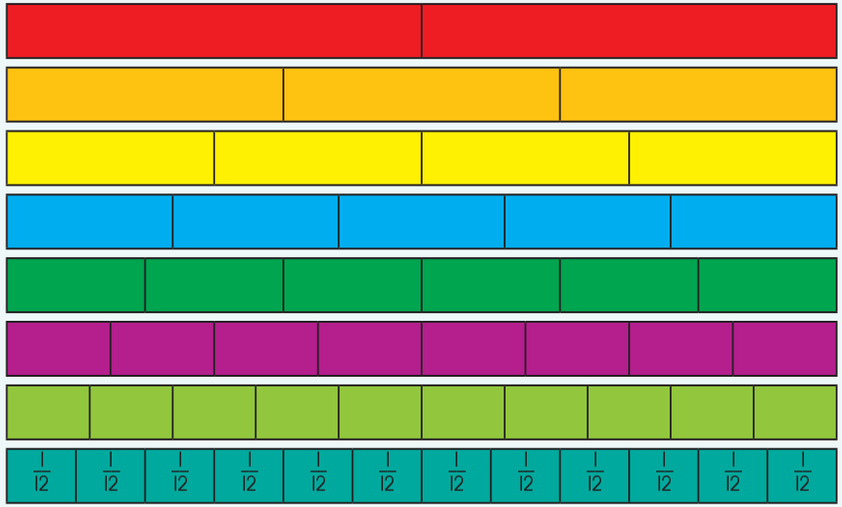
2 Phendula imibuzo.

a. USizwe unamaqhekeza amane etshokolethi. Unika umhlobo wakhe iqhekeza elinye.
Liqhezu lini letshokolethi elishiyekileyo? _____

b. UYasmin uneeorenji ezimbini. Wabelana noAnn ngeorenji enye.
Leliphi iqhezu analo elishiyekileyo? _____

c. UMaria uthenga iitshokolethi ezi-5. Uzigcinela e-1, anike uMohamed ezi-2 umnakwabo ezi-2.
Liqhezu lini azigcinele lona uMaria? _____

3 Udonga lwamaqhezu



Umgca ngamnye wahlulwe wazizintlu ezilinganayo. Umgca ongasezantsi wahlulwe waziinxenye zeshumi elinambini ($\frac{1}{12}$).

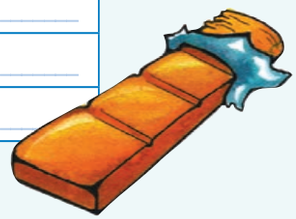
Phawula eminye imigca ngeqhezu elichanekileyo.

Sebenzisa irula yakho okanye isiphelo sephepha esithe tye ukuze ufumane ukuba ngawaphi na amaqhezu alinganayo; nokuze ikuncede ekuphenduleni imibuzo.

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

a. isiqingatha $\frac{1}{2}$	_____
b. into enye (1) epheleleyo	_____
c. iikota ezintathu $\frac{3}{4}$	_____

Qwalasela!
Thelekisa!
Lungisa!



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Umhla:

Okunye ukuqukanisa nokwabelana

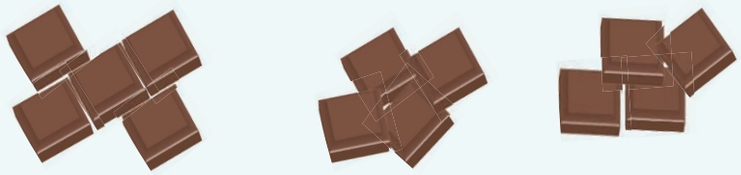
1 Izibalo ezikhawulezileyo

Khangela amakhonkco.

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

2 Yaba okushiyekileyo

UJabu noLebo bafuna ukwabelana ngamaqhekeza etshokolethi ali-13. Uza kufumana amaqhekeza amangaphi emnye?



Bangahlulelana ngezikwere ezili-12 ezipheleleyo, emnye afumane amaqhekeza amathandathu. Iqhekeza elishiyekileyo balahlula ehafini, ngoko ke emnye unamaqhekeza ama-6 1/2.

a. Epatini abantwana aba-10 bahlulelana ngemicu engama-25 yeelekese. Yahlula ngokulinganayo. Zoba imifanekiso ikuncede.

Emnye ufumana imicu e _____ .

b. Yabela abantwana aba-4 iilekese ezingama-37.

Emnye ufumana imicu e _____ .

c. Yahlulela abantwaba aba-5 imicu yeelekese ezingama-48

Emnye ufumana imicu e _____ .

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

Emnye ufumana imicu e _____ .

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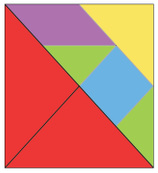
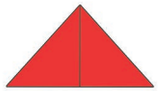
Umhla:

Amaqhezu ethengremu

IThengremu yiphazile yamaTshayina yakudala eyenziwe ziimilo ezi-7 ezimcaba ezibizwa ngokuba ziitheni, ezithi xa zidityanisiwe zenze iimilo ezahlukeneyo.

1 Amaqhezu akwithengremu

	Jonga iphazile yethengremu. Unxantathu ngamnye omkhulu kwaba babini uleliphi iqhezu lesikwere esipheleleyo? (Upinki kulo mfanekiso)	_____
	Ukuba usonga unxantathu omnye kwaba bakhulu abe ziinxalenye ezimbini ezilinganayo, isiqwenga ngasinye silingana nonxantathu ophakathi (umthubi emfanekisweni). Unxantathu ophakathi uleliphi iqhezu lesikwere?	_____
	Ukuba usonga unxantathu ophakathi abe ziinxalenye ezimbini ezilinganayo, inxalenye nganye ilingana noonxantathu ababini abancinci. (baluhlaza emfanekisweni.) Unxantathu ngamnye omncinci uleliphi iqhezu lesikwere esipheleleyo?	_____
	Ungadibanisa oonxantathu ababini abancinci ukwenza isikwere esincinci. Isikwere esincinci sileliphi iqhezu lesikwere esipheleleyo (sizuba emfanekisweni)?	_____
	Ungadibanisa oonxantathu ababini abancinci wenze ipharalelogram. Ipharalelogram ileliphi iqhezu lesikwere esipheleleyo?	_____

2 Ukusebenzisa ithengremu.

Sika iithengremu ezimbini kumsiko 12 uze uphawule iqhekeza ngalinye ngeqhezu lalo lesikwere esipheleleyo. (Ezi ziimilo zethengremu yakuqala.)

Bhala igama lakho ngemva kweqhekeza ngalinye ukuze ufumane iqhekeza lakho ukuphela komdlalo.

3 Umdlalo wamaqhezu wezabelo ezilinganayo.

Dlala nabadlali aba-4 ukuya kwaba-8 usebenzise amaqhekeza ethengremu.

Kufuneka wonke umntu afake ikota yeseti yethengremu esekiweyo engxoweni.

1. Abadlali bayatshintshiselana ukuba ngumthengisi.
2. Umthengisi wenza isigqibo malunga neqhezu lethengremu eliza kufakwa ngumdlali ngamnye engxoweni.
3. Umdlali uyaqashisela ukuba ukhozo lwemali luza kuvelisa intloko okanye umsila, aze umthengisi ajule imali phezulu.

4. Umthengisi wabela abo baqashisele kakuhle okusengxoweni ngokulinganayo. (Kungafuneka athengise iqhekeza elinye okanye ngaphezulu ukuze afumane amaqhekeza exabiso elilinganayo)

Ndiza kufaka unxantathu omkhulu abe mnye.

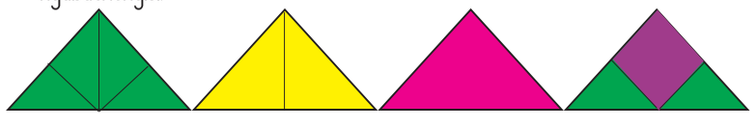
5. Intsalela ekhoyo engenakwabiwa ihlala engxoweni ilindele umjikelo olandelayo.

6. Bonke abadlali bayaqwalasela ukuze babone ukuba ngaba kwabiwa ngendlela efanelekileyo na.

7. Ukuba umdlali ufumana impazamo, umthengisi ubhatala isohlwayo se-1/8 sesikwere esipheleleyo kumdlali othe wayiqaphela kuqala loo mpazamo.

Izibhozo ezibini zilingana nesinye esinye. Ndingafaka isikwere kunye nepharalelogramu.

8. Umdlali ongenawo amaqhekeza angathatha kwaseleyo engxoweni.
9. Umdlalo uyaqhubeka bade bonke abadlali babe ngabathengisi.



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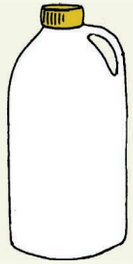
Umhla:

Ukulinganisa umthamo

Sebenzisa isikhongozelo sebhotile yeplasitiki nekomityi.



Ikomityi (250 ml)

Isikhongozelo esiyilitha enye

Ucinga ukuba zingaphi iikomityi ezinokuzalisa esi sikhongozelo?

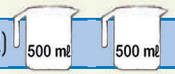
Akunyanzelekanga ukuba uxele iilitha okanye iimililitha. Sebenzisa kuphela amagama athi 'ikomityi', 'ibhotile'

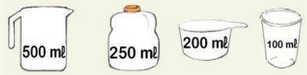
2 Yenza ilitha.

Fumana indlela yokwenza ilitha ngokusebenzisa imithamo eyahlukeneyo yolwelo.

Bhala isivakalisi samanani kwindlela nganye.

Isivakalisi samanani: 500 ml + 500 ml = 1 000 ml (1 ℓ)





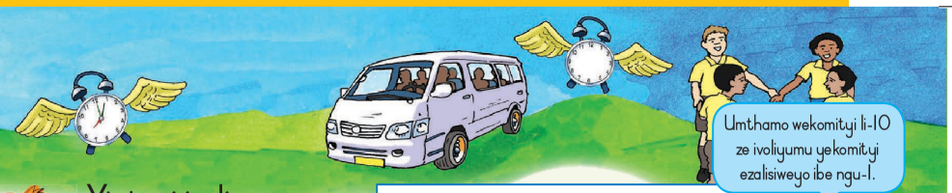
Isivakalisi samanani _____ = 1 000 ml (1 ℓ)

Isivakalisi samanani _____ = 1 000 ml (1 ℓ)

Isivakalisi samanani _____ = 1 000 ml (1 ℓ)

Isivakalisi samanani _____ = 1 000 ml (1 ℓ)

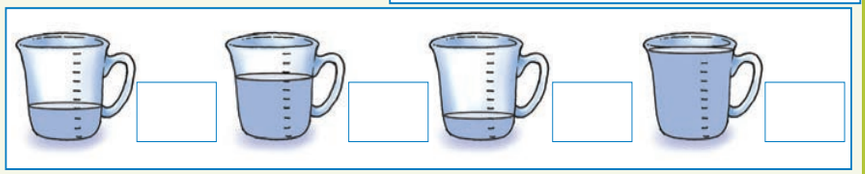
Xa sibhala iisimboli zemetriki, sishiya isithuba esincinci phakathi kwenani lokugqibela kunye nesimboli. Umzekelo sibhala 3 ℓ asibhali 3ℓ; 299 g hayi 299g; 15 km hayi 15km.



Umthamo wekomityi li-10 ze ivoliyumu yekomityi ezalisiweyo ibe ngu-1.

3 Yintoni ivoliyumu yekomityi nganye ezalisiweyo?

Eli cephe lizalise ikomityi yafika kumlinganiselo wokuqala.



4

Silinganisa imithamo emincinci yolwelo ngeemililitha (ml).

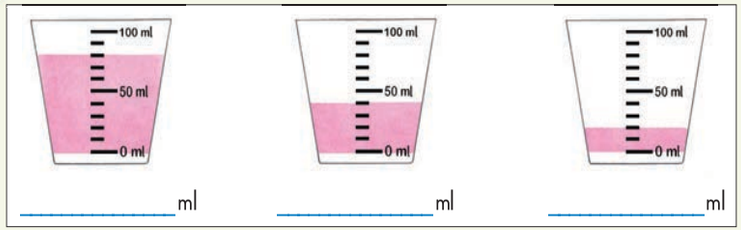
Le komityi yokulinganisa iyeza iqulatha i-10 ml, elingana malunga neetisipuni ezimbini.

Imithamo emikhulu siyilinganisa ngeelitha (ℓ).

Ziliwaka iimililitha ezenza ilitha.

5 Lulwelo olungakanani?

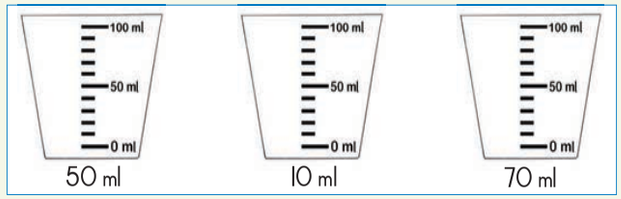
Zingaphi ii-ml zolwelo ezikwijagi nganye?



_____ ml _____ ml _____ ml

6 Lulwelo olungakanani?

Faka umbala kwiikomityi zamayeza ubonise umthamo okwikomityi nganye.



50 ml 10 ml 70 ml

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Umhla: .....

Linganisa uze ugalele

Emdlalweni

Ngexesha lekhefu umdlali ngamnye usela i-$\frac{1}{4}$ yelitha yejusi.

a. Bangaphi abadlali abanokwabelana?

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

b. Kufuneka babe nejusi engakanani?

kubadlali abasi-8 _____ kubadlali abasi-9 _____ kubadlali abali-12 _____

2 Iilitha neemililitha (ml)

ilitha e-1 = 1 000 ml i-$\frac{1}{2}$ yelitha = _____ ml i-$\frac{1}{4}$ yelitha = _____ ml

125 ml = _____ yelitha 50 ml = _____ yelitha

3 Yenza isiqingatha selitha

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

120 ml	140 ml	160 ml	28 ml	240 ml
120 ml	140 ml	160 ml	28 ml	240 ml

4 Ubisi lukulungele!

Yaba iilitha ezi-4 zobisi phakathi;

a. Kwabantwana abasi-8. Umntwana ngamnye ufumana iilitha ezi-_____

b. Kwabantwana abali-16. Umntwana ngamnye ufumana iilitha ezi-_____

c. Kwabantwana abali-12. Umntwana ngamnye ufumana iilitha ezi-_____

5 Ivenkile yejusi kaBongi

Kwijagi e-1 uBongi usebenzisa ikota enye ($\frac{1}{4}$) yekomityi yejusi neekomityi ezi-2 zamanzi.

Bala ukuba uBongi usebenzisa ijusi namanzi angakanani kwijugi ezi-5 zejusi.

Iijagi	1	2	3	4	5
Iikomityi zejusi	Ikota ($\frac{1}{4}$)				
Iikomityi zamanzi	2				

6 Yenza ilitha

50 ml	100 ml	200 ml	250 ml	500 ml

Zizikhongozelo ezingaphi kwisikhongozelo ngasinye ezenza ilitha enye?

a. _____ × 100 ml b. _____ × 200 ml c. _____ × 250 ml

d. _____ × 500 ml e. _____ × 50 ml

7 Emva kwetheko.

$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$

$\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$

Itheko likaThandi liphumile. Kukho iziselo ezishiyekileyo.

Ingakanani ijusi emthubi eshiyekileyo? _____

Ingakanani ijusi emsobo eshiyekileyo? _____

UThandi uzixuba zombini ezi jusi.

Zingaphi iijagi anokuzizalisa? _____

Khangela! Thelekisa! Lungisa!

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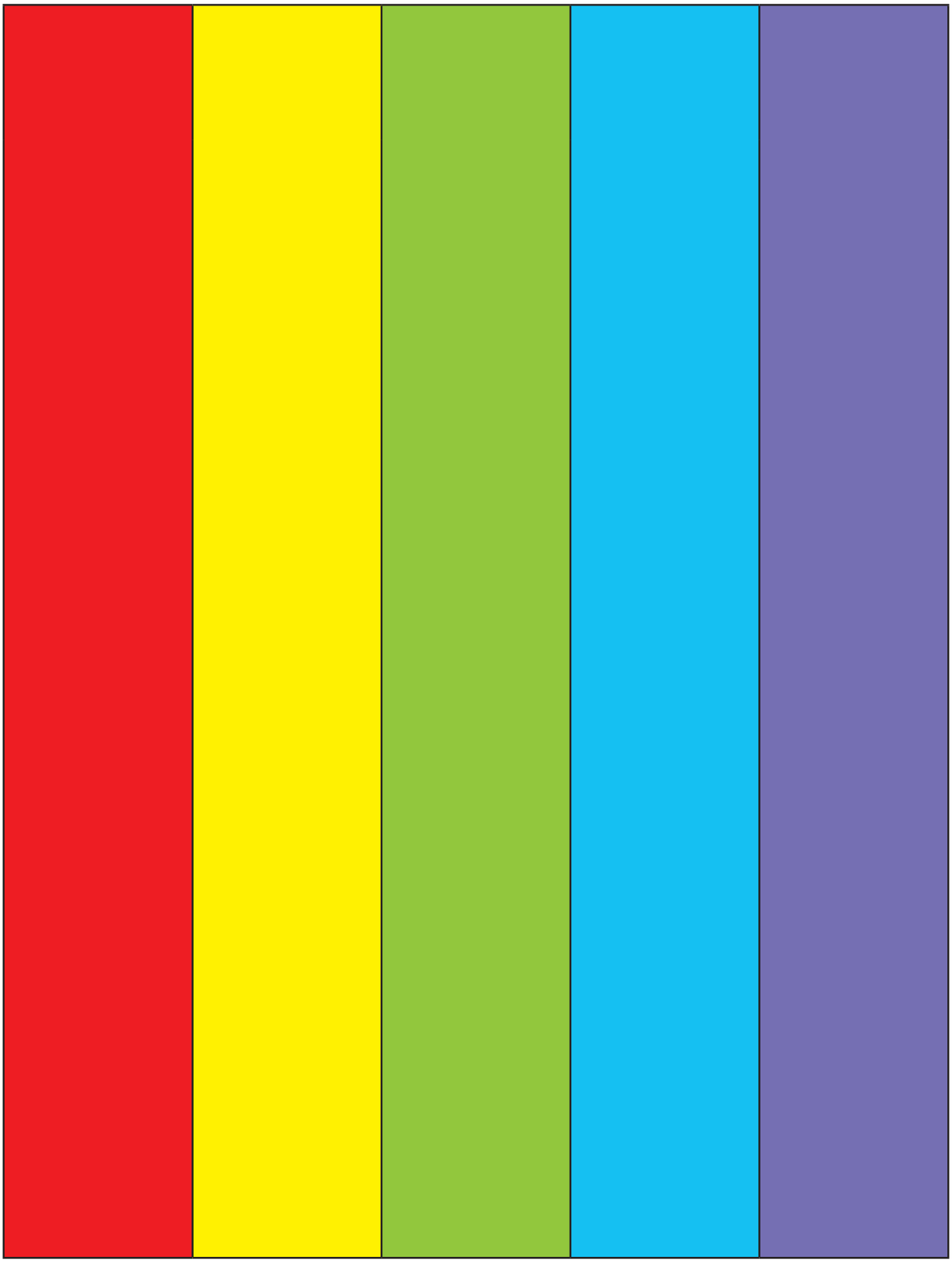
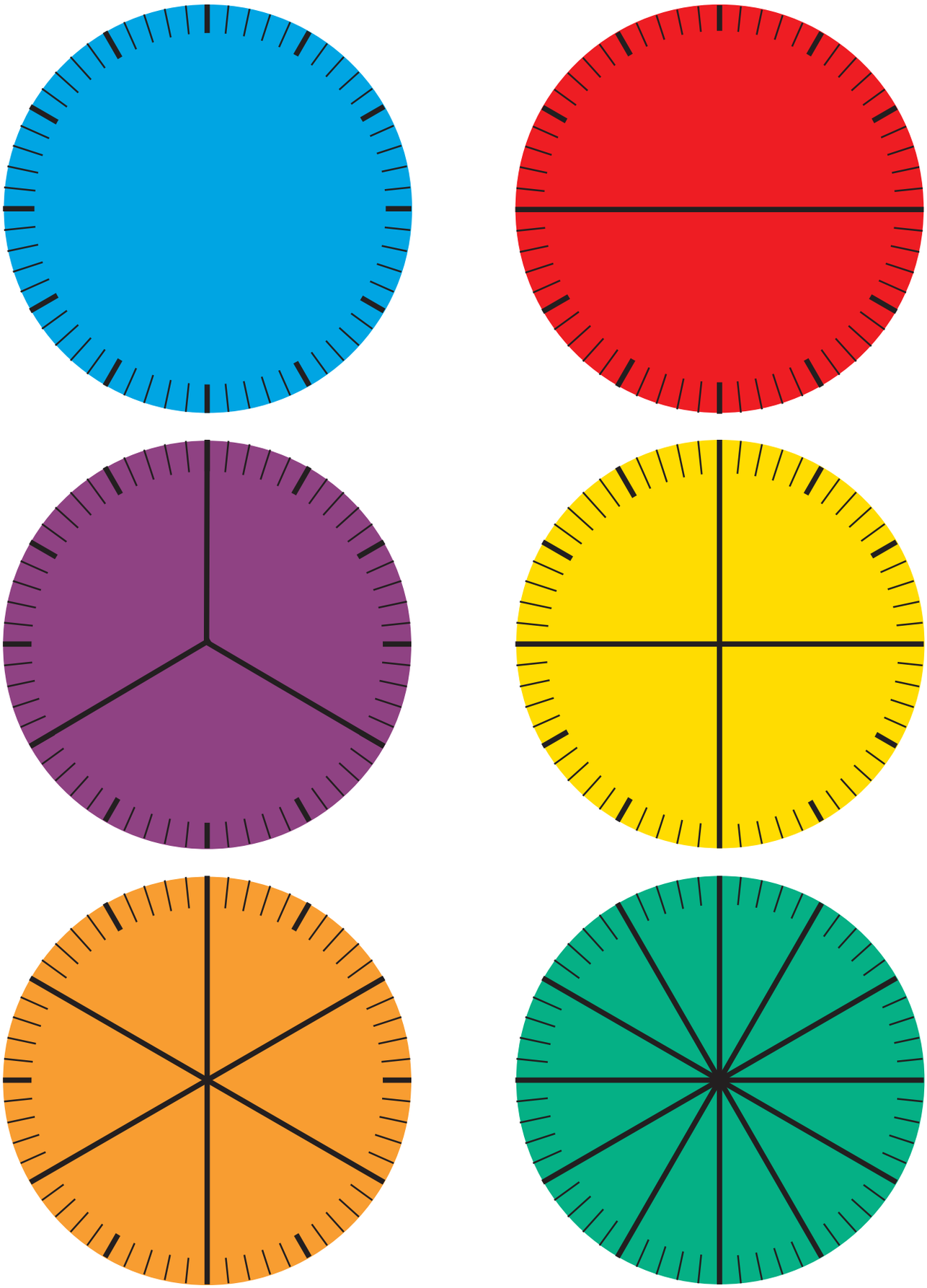
Umsiko 5



Umsiko 6



Umsiko 7

Umsiko 8

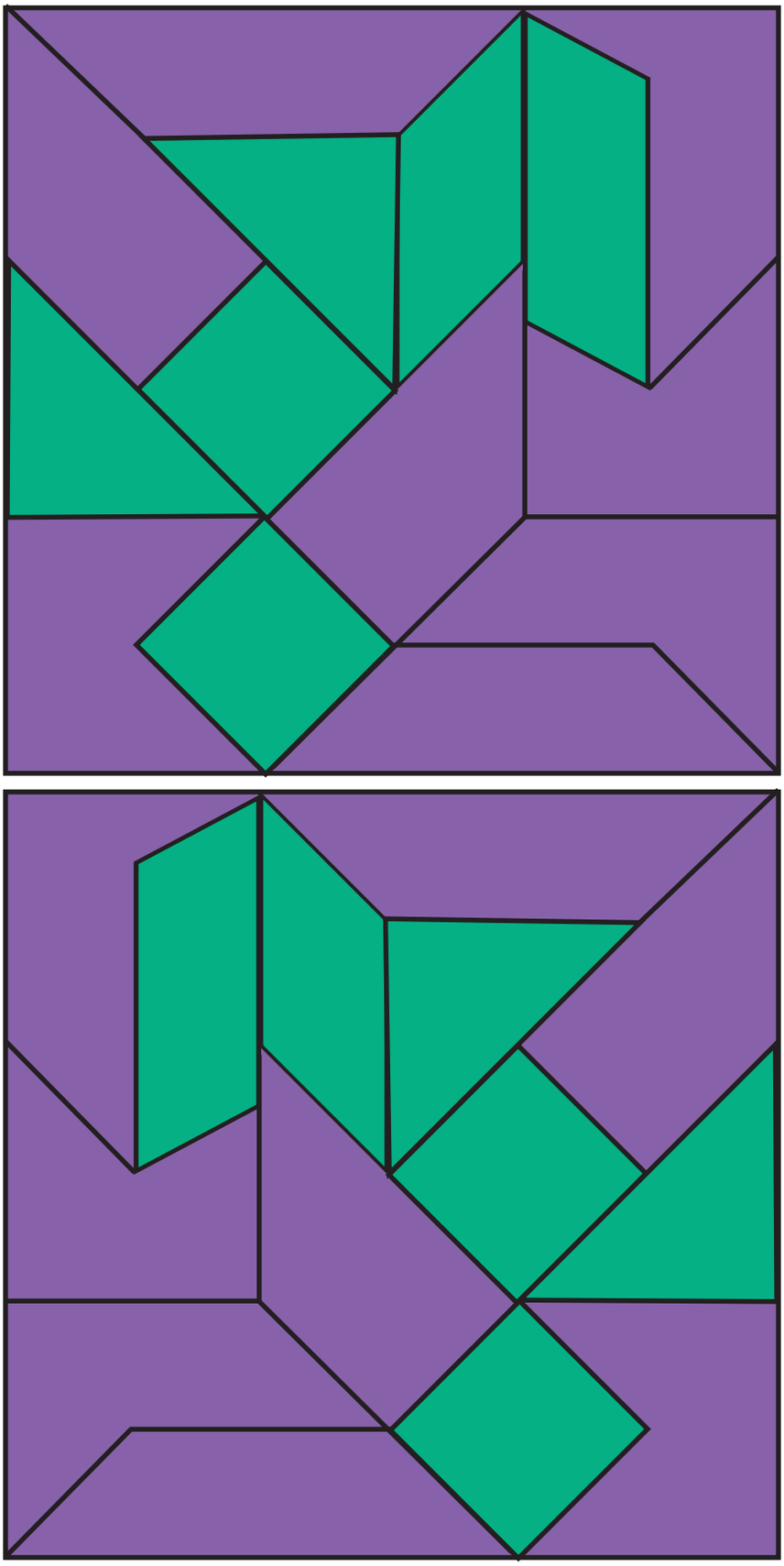
Ic	
IOc	
RIs	
RIOs	
RIOOs	

Umsiko 9

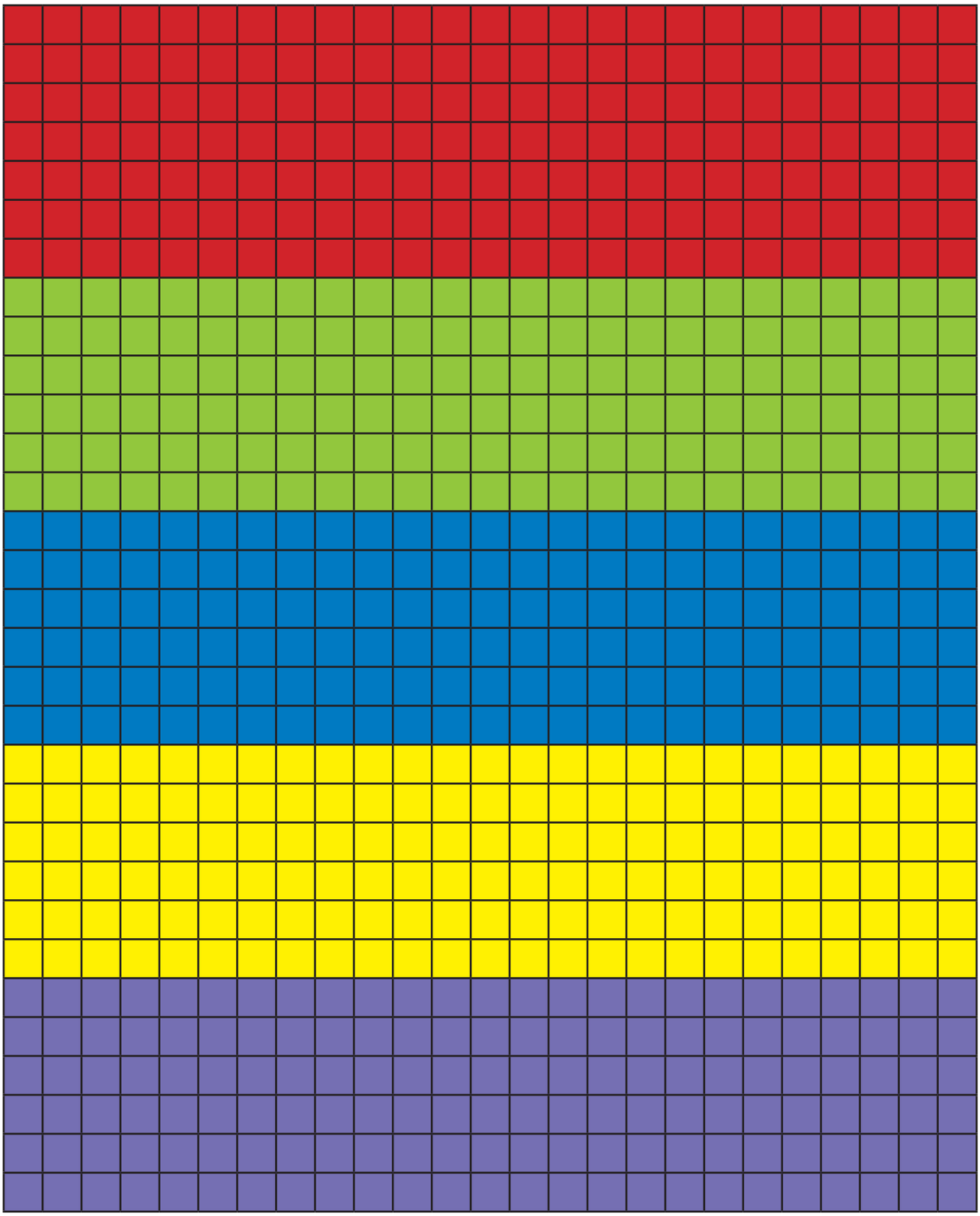
RIOO	RIOO	RIOO	RIOO
RIOO	RIOO	RIOO	RIOO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO

RI	RI	RI	RI	RI	RI	RI	RI	
RI	RI	RI	RI	RI	RI	RI	RI	
IOc	IOc	IOc	IOc	IOc	IOc	IOc	IOc	IOc
IOc	IOc	IOc	IOc	IOc	IOc	IOc	IOc	IOc
Ic	Ic	Ic	Ic	Ic	Ic	Ic	Ic	Ic
Ic	Ic	Ic	Ic	Ic	Ic	Ic	Ic	Ic

Umsiko 10



Cut-out II



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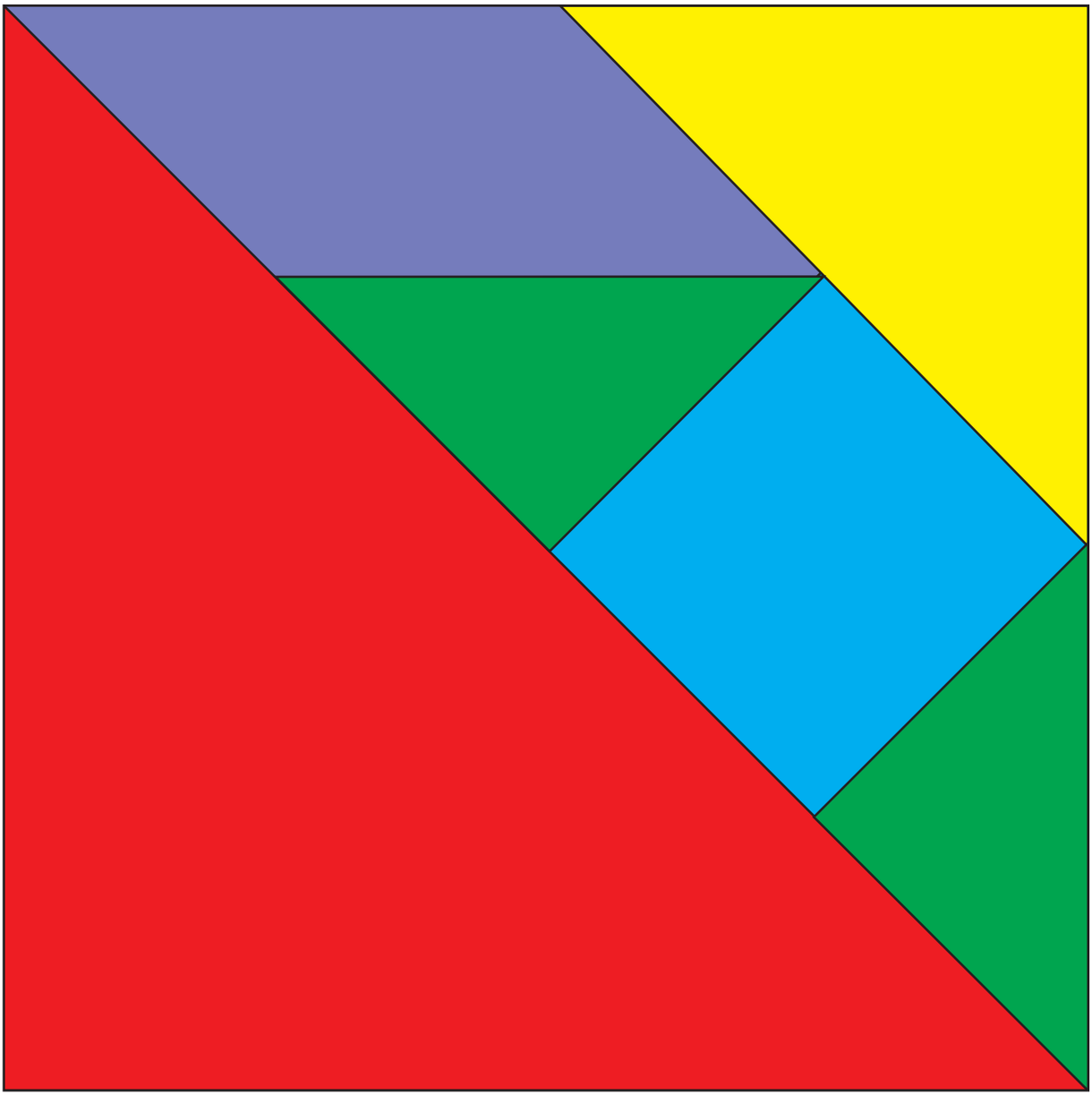
Cut-out 12



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