Ukufunda ngoMthethosisekelo weRiphabliki yeSewula (1996)

UMthethosisekelo weSewula Afrika (1996) umumethe imithetho yenarha eseqophelweni eliphezulu. Imithetho leyo kumele ilandelwe ngumongameli wenarha, abaphathi beenkundla zemithetho kanye nalabo abasembusweni.

Imithetho leyo ihlathulula kobana abantu benarha bafenele baphathane njani, nokuthi ngimaphi amalungelo wabo nokuthi ngiziphi iimbopho abanazo. UMthethosisekelo wenzelwe ukusivikela soke thina kanye nabentwana bethu ngomuso.

Kuqakathekile ukwazi izehlakalo zesikhathini esidlulileko.	Asingabuyeleli iimphoso zangesikhathi esidlulileko.	UMthethosisekelo usisiza ukucabanga nokwakha ilingomuso elingcono lethu soke.

Thina, abantu beSewula Afrika;

Siyakwazi ukungaphatheki kuhle kwethu ngokomthetho esikhathini esadlulako;

Siphathela phezulu abahlukunyezwa ngebanga lokobana kube nobulungiswa begodu nekululeko enarheni yekhethu;

Sihlonipha labo abasebenze ekwakheni begodu nekuthuthukiseni iphasi lekhethu;

begodu bakholelwa bonyana iSewula Afrika ngeyabo boke abahlala kiyo, sibambene ngokwahlukahlukana kwethu.

Ngalokho-ke, ngabajameli bethu abakhethwe ngokukhululekileko; samukela uMthetho-sisekelo lo njengoMthetho wokuthoma weRiphabliki oza–

Kuqeda ukwahlukana okwadlulako begodu sakhe umphakathi ozokudzimelela kuminqopho yentando yenengi, ubulungiswa begodu namalungelo wangokomthetho wobuntu.

Ukubeka isisekelo sentando yenengi begodu nomphakathi onzinzileko lapha umbuso unzinze khona phezu kwentando yesitjhaba begodu nalapha zoke izakhamuzi zivikeleke khona ngokomthetho.

Ukwenza ngcono izinga lepilo yazo zoke izakhamuzi begodu nokuvezwa kwekghono lawo woke umuntu;

Ukwakha iSewula Afrika ebumbeneko begodu nenentando yenengi ezokwazi ukuthatha indawo yayo njengenarha ezijameleko emndenini weentjhabatjhaba.

Funa ngekani amalungelo wakho njengesakhamuzi seSewula Afrika bewube nesibopho sokuvikela amalungelo wabanye abantu.	Ukwazi umThethomlingwa wamalungelo Kanye nomThethomlingwa weembopho.

UZimu akavikele abantu bekhethu.
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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TERMS 3 & 4
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IIMBALO NGESINDEBELE – iGreyidi 3 Incwadi 2

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iGreyidi 3

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Incwadi 2
Ithemu 3 & 4

Ibizo:

Itlasi:

basic education
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Basic Education
REPUBLIC OF SOUTH AFRICA

Okumumethweko



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UKkz. Angie Motshekga, nguNqgonqgotjhe weFundo-Sisekelo



UNom. Enver Surty, nguSekela kaNqgonqgotjhe weFundo-Sisekelo

Iincwadi lezi zenzelwe abentwana beSewula Afrika ngaphasi koburholi bakaNqgonqgotjhe wezeFundo-Sisekelo, uMma u-Angie Motshekga,kanye neSekela lakaNqgonqgotjhe wezeFundo-Sisekelo, uNom. Enver Surty.

Iincwadi zokuSebenzela zakwaRainbow ziyingcenye yeendlela ezinengi zomNyango wezeFundo-Sisekelo wokungenelela onqophe ukuthuthukisa ukusebenza ngcono kwabafundi beSewula Afrika kumagreyidi wokuthoma asithandathu. Njengamanye wamaHlelo womBuso aphuma phambili, iphrojekthi le isekelwe ngeemali ezibuya esiKhwameni seeMali seLizweloke. Lokhu kusize umNyango ukukhupha iincwadi zokusebenzela lezi ngawo woke amalimi asemthethweni ngaphandle kweendleko. Siyathemba kobana nizokufunyana iincwadi zokusebenzela lezi zilisizo khulu ekufundiseni kwenu kwangamalanga kanye nokuqinisekisa kobana abafundi benu bayayiqeda ikharikhyulamu.

Sitjheje khudlwana ukuhlahla abotitjhere komunye nomunye umsebenzi ngokusebenzisa iinthombe ezitjengisako bona ngikuphi umfundi amele akwenze.

Siyathemba kobana abentwana bazokuthabela ukusebenzisa iincwadi lezi njengombana bakhula bebafunda nje begodu wena titjhere uzokwabelana nabo ithabo lokufunda.

Sinifisela ipumelelo ekusebenziseni iincwadi lezi.

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Iimbalo

Incwadi le ngeyaka -:



ISINDEBELE

Incwadi 2

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65

Ilanga: .....

Iinomboro ukusuka ku-500 ukufika ku-600



Bala bewutlole.



a. Bala ukusuka ku-500 ukufika ku-600.
Phimisa iinomboro nawulokhu uzibala.

									500
501			504						510
							518		
	522								
					536				
541								549	
							558		
		573							
							588		590
	592			595					600

b. Tlola iinomboro ezitlhayelako egridini engaphezulu.

c. Tlola iinomboro ezili-10 eziza ngemva kwaka-500.

500; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; ____

d. Tlola iinomboro ezilandelako ezibu-8 ngephetheni yangakubili.

510; 512; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; ____

e. Tlola zoke iinomboro ngephetheni yangakubili ukusuka ku-548 ukufika ku-570.

548; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; 570

f. Tlola iinomboro ezilandelako ezibu-8 ngephetheni yangaku-5.

515; 520; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; ____



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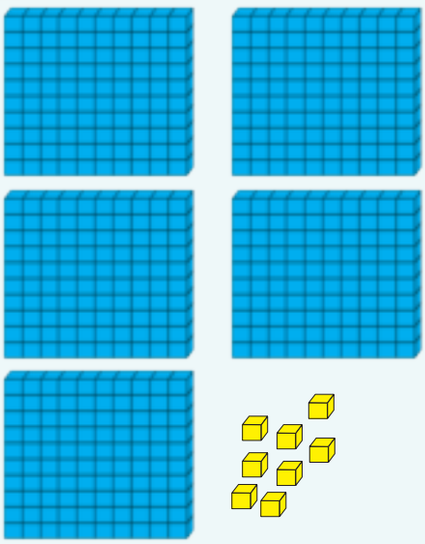
2 Ubale amabhlogo amangaki?



Ubale amabhlogo amangaki?

3 Qedelela inambalayini.

540			543				547		549	
							597	598	599	
					597	598	599			

4 Qedelela itheyibula.

	Tlola ukusuka kencani khulu ukuya kekulu khulu	Tlola ukusuka kencani khulu ukuya kekulu khulu
582, 586, 584, 581, 585		
566, 506, 560, 516, 506		

5 Tlola ngamagama.

520	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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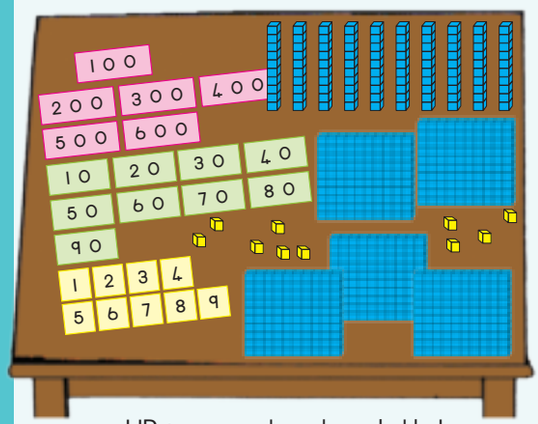
66

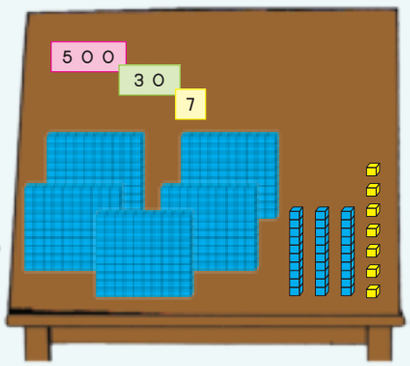
Ilanga: .....

Ezinye iinomboro ezisuka ku-500 zifike ku-600

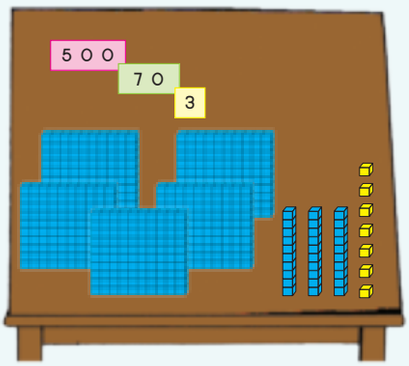


UPeter unamakarada anobukhulu bedijidi kanye nesisekelo setjhumi lamabhlogo.

Utitjhere ubuza uPeter kobana atjengise inomboro ema-537 ngekarada lakhe kanye namabhlogo.

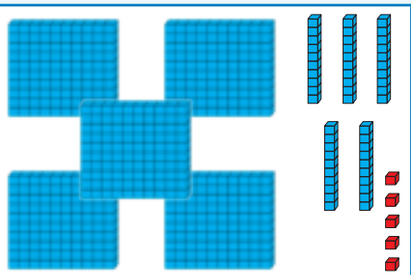


U-Aakar utjengise lokhu. Ngikuphi okungakalungi akwenzileko?





Tlola umutjho weenomboro bese utlola nependulo.

		
500 + 10 + 7 = 517		



Tlola umutjho weenomboro bese utlola nependulo.

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

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3 Qedelela inambalayini.

550	551	552								560

Tlola zoke iinomboro ezincani kunenomboro 556 _____

Tlola zoke iinomboro ezikulu kunenomboro 556 _____

4 Yehlukanisa inomboro yakho.

Kunamadijidi alitjhumi.
0 1 2 3 4 5 6 7 8 9
Siwabeka ndawonye ukwenza iinomboro.

a. Yakha enye nenye inomboro ngamakarada wakho.
b. Tlola ubungako bedijidi ngayinye.
Ngemva kwalapho wehlukanise iinomboro zakho.

495	
508	
594	
549	
602	

Isibonelo: 517

5 0 0
1 0
7
5 1 7

517	500 + 10 + 7

5 Tlola amabizo weenomboro.

221	
486	
369	
419	
491	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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67

Ilanga: .....

Iinomboro ukusuka ku-600 ukufika ku-700



Bala bewutlole.



a. Bala ukusuka ku-600 ukufika ku-700.
Phimisa iinomboro nawulokhu uzibala.

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

b. Tlola iinomboro ezitlhayelako egridini engaphezulu.

c. Tlola iinomboro ezili-10 eziza ngemva kwaka-600.

600; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; ____

d. Tlola iinomboro ezilandelako ezibu-8 ngephetheni yangakubili.

622; 624; 626; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; ____

e. Tlola zoke iinomboro ngephetheni yangakubili ukusuka ku-611 ukufika ku-633.

611; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; 633

f. Tlola iinomboro ezilandelako ezibu-8 ngephetheni yangaku-5.

645; 650; 655; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; ____ ; ____

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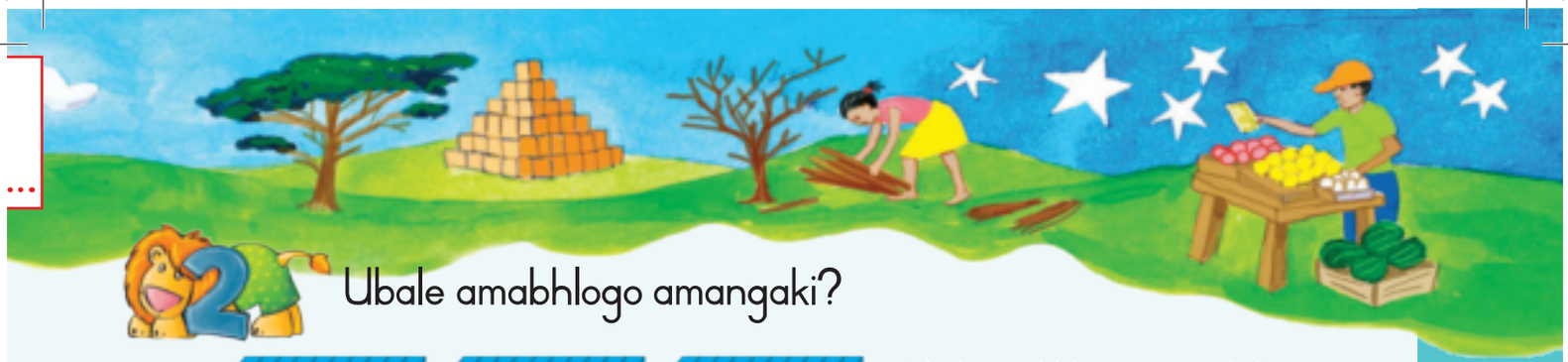
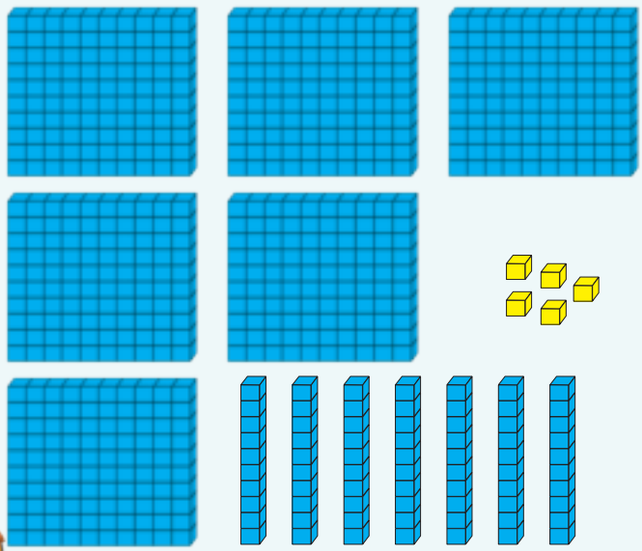


2 Ubale amabhlogo amangaki?



Ubale amabhlogo amangaki?

3 Qedelela inambalayini.

640			643				647		649	
							687	688	689	
					602	604	606			

4 Qedelela itheyibula.

	Tlola ukusuka kencani khulu ukuya kekulu khulu	Tlola ukusuka kencani khulu ukuya kekulu khulu
672, 676, 674, 671, 675		
656, 605, 650, 615, 605		

5 Tlola ngamagama.

631	

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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68

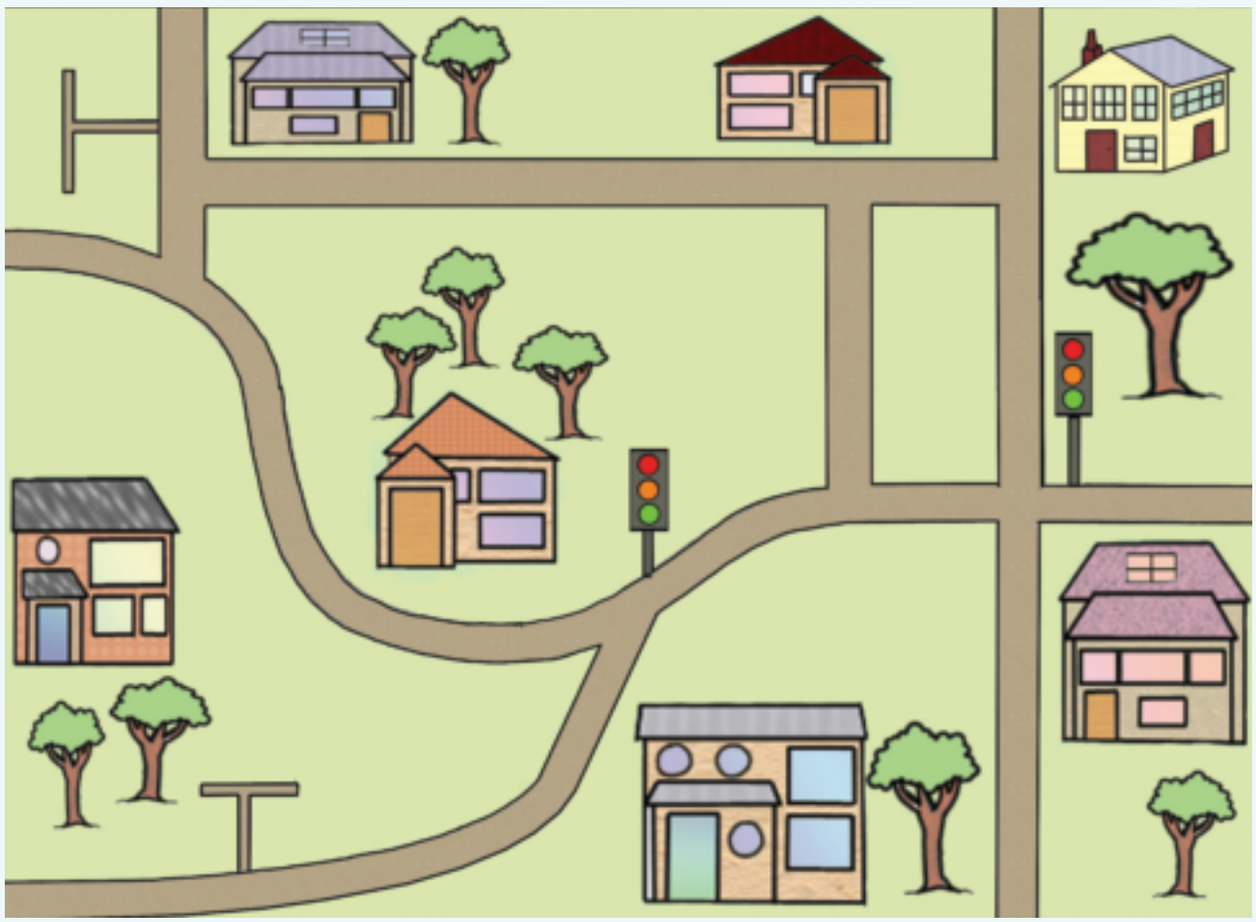
Ilanga:

Umebhe

Qala isithombe.

- Yini lokhu?
- Isetjenziselwa ukwenza ini?
- Yini esingayifunyana emebheni?







Gwala umebhe olandelako:

Onelayibhrari, isikolo, itlinigi, isibhedlela, isitetjhi samapholisa, iinthabathaba zeentolo. Ungangezelela ngeentrada ezinye.

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Sebenzisa umebhe osekhasini elidlulileko ukulayela abangani bakho indlela ukusuka:

a. etlinigi ukuya esitetjhini samapholisa.

b. esikolweni ukuya etlinigi.

c. esikolweni ukuya eenthabathabeni zeentolo.

d. eenthabathabeni zeentolo ukuya elayibhrari.

e. elayibhrari ukuya esikolweni.

f. esibhedlela ukuya esikolweni.



11 12 13 14 15 16 17 18 19 20

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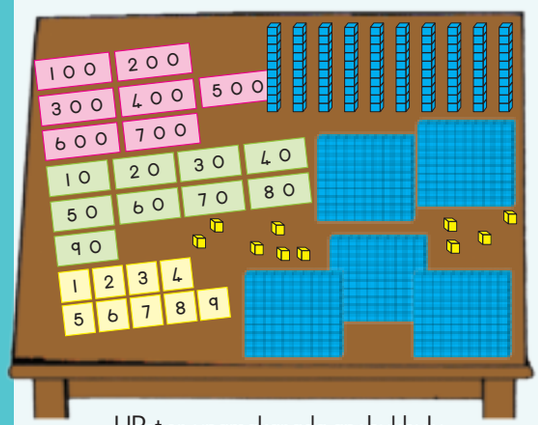
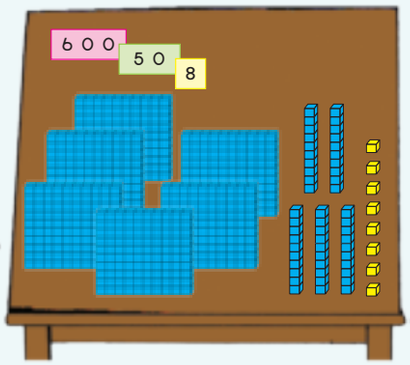
Ilanga:

Ezinye iinomboro kusuka ku-600 kufika ku-700

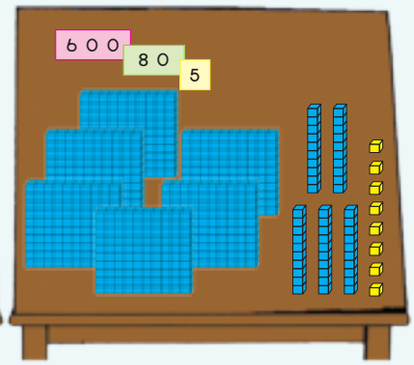


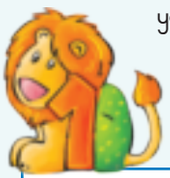
UPeter unamakarada anobukhulu bedijidi kanye nenomboro sisekelo yetjhumi lamabhlogo.

Utitjhere ubawa uPeter kobana atjengise inomboro 658 ngamakarada kanye namabhlogo.

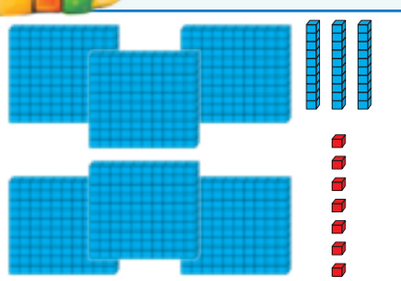


U-Aakar utjengise lokhu. Ngikuphi okungakalungi akwenzileko?

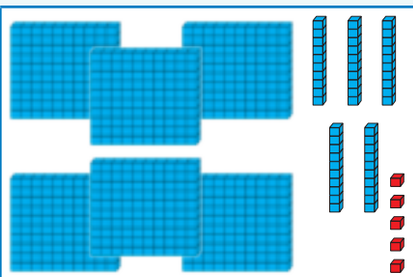


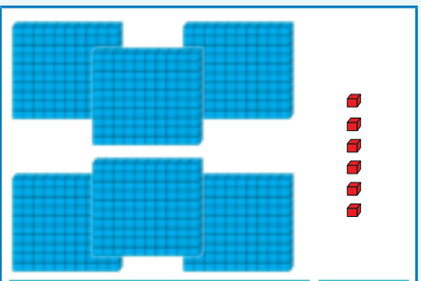


Tlola umutjho weenomboro bese utlola ipendulo.



600 + 30 + 7 = 637







Tlola umutjho weenomboro bese utlola ipendulo.

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

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3 Qedelela inambalayini.

670	671	672								680

Tlola zoke iinomboro ezincani khulu kunenomboro 675 _____.

Tlola iinomboro ezikulu khulu kunenomboro 675 _____.

4 Qedelela ngetshwayo < nanyana > =

a. 670 _____ 607 b. 688 _____ 699

c. 600 + 50 + 5 _____ 655

5 Yehlukanisa iinomboro.

a. Yakha inomboro ngayinye ngamakarada.

b. Tlola ubungako bedijidi ngayinye. Ngemva kwalapho kghedlha inomboro yakho.

686	
690	
699	
673	
665	

Isibonelo: 632

600

30

2

632

632	600 + 30 + 2

6 Tlola amabizo weenomboro.

672	
693	
607	
697	
660	

Teacher:

Sign:

Date:

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70

Ilanga: .....

Iinomboro kusuka ku-650 kufika ku-750



Bala bewutlole.



a. Bala ukusuka ku-650 kufika ku-750.
Phimisa iinomboro nawulokhu uzibala.

						657			650
661								669	
		683		685					
		703							
			714						
		723				727			
741		743						749	750

b. Tlola iinomboro ezitlhayelako egridini engehla.

c. Tlola iinomboro ezili-10 eziza ngemva kwenomboro 650.

650; ____; ____; ____; ____; ____; ____; ____; ____; ____; ____

d. Tlola iinomboro ezilandelako ezibu-8 ngephetheni yangakubili.

605; 707; 709; ____; ____; ____; ____; ____; ____; ____; ____

e. Tlola zoke iinomboro ngephetheni yangaku-3 kusuka enomborweni 719 kufika enomborweni 749.

719; ____; ____; ____; ____; ____; ____; ____; ____; ____ 749

f. Tlola iinomboro ezilandelako ezibu-8 ngephetheni yangaku-5.

705; 710; 715; ____; ____; ____; ____; ____; ____; ____; ____

1 2 3 4 5 6 7 8 9 10

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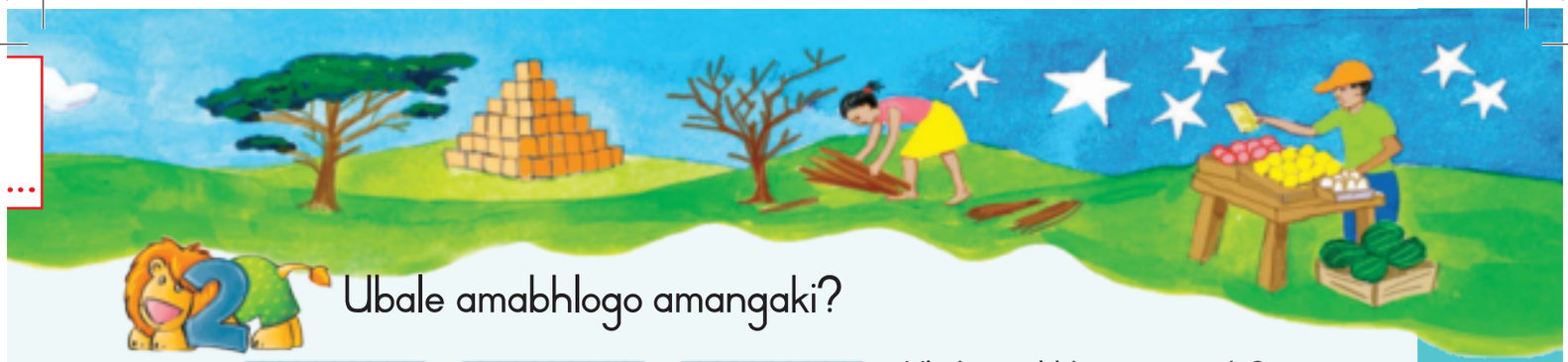
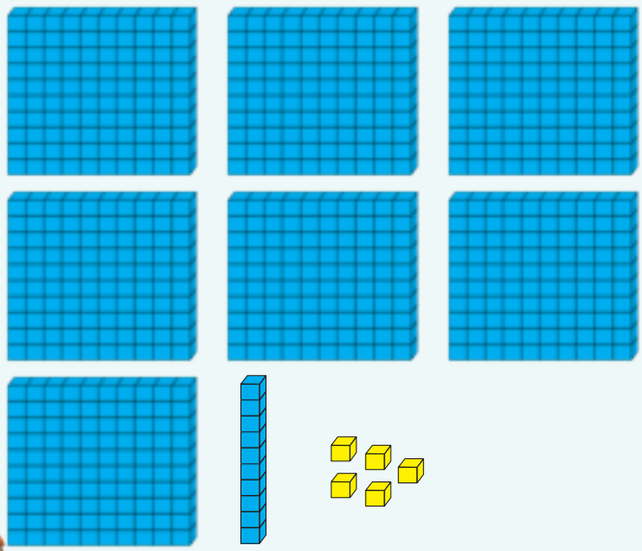


2 Ubale amabhlogo amangaki?



Ubale amabhlogo amangaki?

3 Qedelela inambalayini.

700			703				707		709	
							746	747	748	
					706	711	716			

4 Qedelela itheyibula.

	Tlola ukusuka kencani khulu ukuya kekulu khulu	Tlola ukusuka kekulu khulu ukuya kencani khulu
729, 720, 728, 721, 725		
659, 705, 607, 701, 706		

5 Tlola ngamagama.

706	

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Date:

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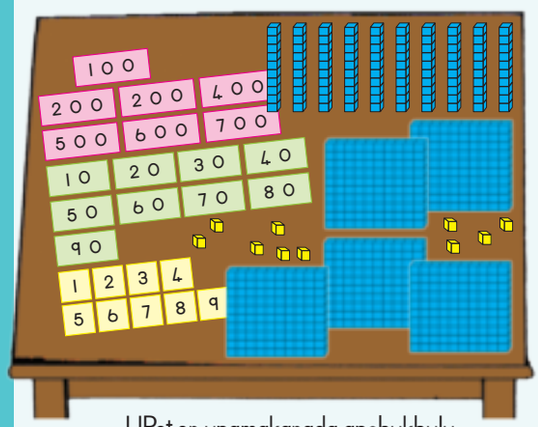
71

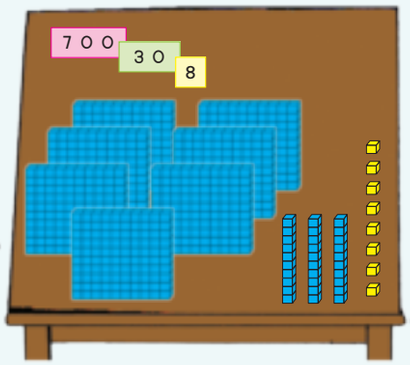
Ilanga:

Iinomboro kusuka ku-700 kufika ku-750

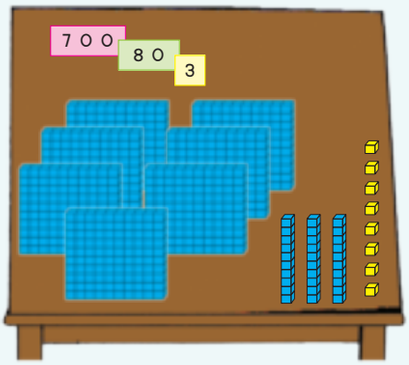


UPeter unamakarada anobukhulu bedijidi kanye nenomboro sisekelo yetjhumi lamabhlogo.

Utitjhere ubawa uPeter kobana atjengise inomboro 738 ngamakarada kanye namabhlogo.

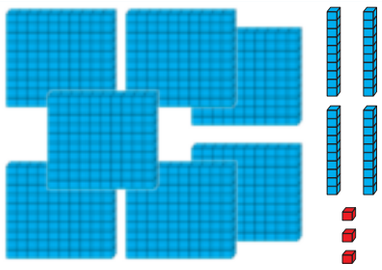
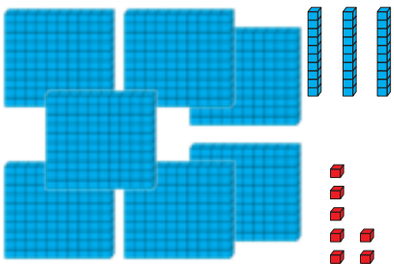
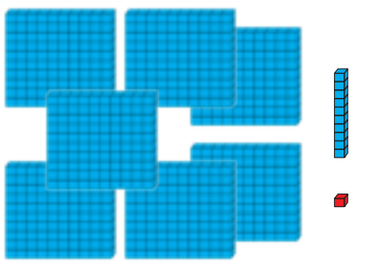


UJabu utjengise lokhu. Ngikuphi okungakalungi akwenzileko?





Tlola umutjho weenomboro bese utlola ipendulo.

	700 + 40 + 3 =	743				



Tlola umutjho weenomboro bese utlola ipendulo.

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

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3 Qedelela inambalayini.

699	700	701								709

Nikela zoke iinomboro ezincani khulu kunenomboro 704. _____

Nikela iinomboro ezikulu khulu kunenomboro 704. _____

4 Qedelela < nanyana > =

a. 750 _____ 749 b. 732 _____ 723

c. 700 + 40 + 9 _____ 749

5 Yehlukanisa inomboro.

a. Yakha enye nenye inomboro ngamakarada wakho.

b. Tlola inani ledijidi lenye nenye idijidi. Ngemva kwalapho yehlukanisa inomboro yakho.

750	
728	
703	
730	
749	

Isibonelo: 747

747	700 + 40 + 7

7 0 0

4 0

7

7 4 7

6 Tlola amabizo weenomboro.

714	
750	
742	
738	
704	

Teacher:
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Date:

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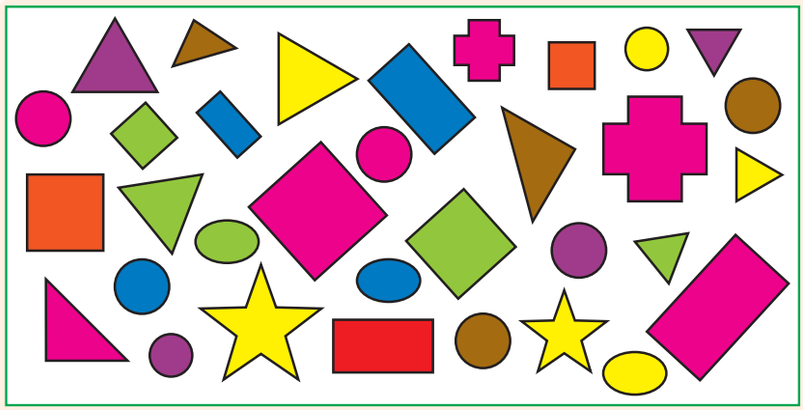
72

Ilanga:

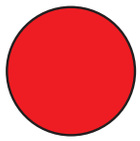
Izinto eziyi-2-D

Yitjho nangabe ijamo linqophile nanyana linamahlangothi anqophileko.





Yitjho nangabe ijamo linetlobo enqophileko nanyana itlobo eyindulunga.



Ungagwala amabumbeko amangaki ngamawejisi anqophjileko.



Funyana iinthombe

Funyana amajamo anamatlobo anqophileko bese uwadlulisa lapha.

Funyana amajamo anamatlobo anqophileko bese uwadlulisa lapha.

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Qedelela okulandelako:

	Gwala ijamo ngeendawo ezihlukeneko
uncantathu	
irekthengela	
isikwere	

Qedelela itheyibula:

	Yitjho ijamo	Gwala ijamo elingelincani khulu	Gwala ijamo elingelikhulu khulu
			
			
			
			

Funyana iinkwere, aboncantathu, amarekthengela kanye neeyingi/neendulunga zobukhulu obahlukeneko kibomegazini nanyana emaphephabhugwini.

Zibeke lapha.



Teacher:
Sign:
Date:

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Ilanga:

73 Tlola iledere lenede ongayibhinca ukwenza isilinda



Ngingathenga ini ngemali ema-R500?

Ngiziphi izinto kilezi engingazithenga ngemali ema-R500 patsi?





Hlanganisa uye phambili kusuka ku-600.

Tlola iinomboro ezitlhayelako.

Thoma: 600 → +20 → 620 → +15 → ☐ → +15 → ☐ → +10 → ☐

Gcina la: ☐ ← +10 ← ☐ ← +25 ← ☐ ← +5 ← ☐



Bala ubuyele emuva ukusuka ku-800.

Njalo tlola uthi "itjhentjhi".

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

Gcina la

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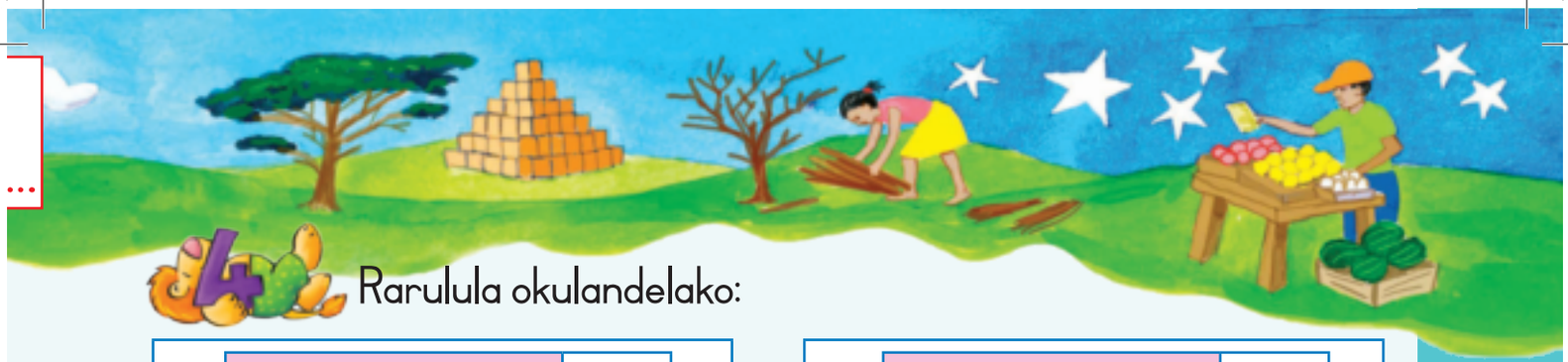

4 Rarulula okulandelako:

725 + 53 =	
664 + 87 =	
564 + 132 =	
75 + 717 =	

5 Rarulula okulandelako:

UJames ubuthelele amamabula ama-525.

Nangabe uSipho umnikela amanye amamabula ama-205, uJames uzokuba nenani lamamabula elilingana nelikaSipho.

a. Omunye nomunye uzokuba namamabula amangaki?

b. Ekuthomeni, uSipho bekanamamabula amangaki?

a.

b.

Teacher:
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Date:

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Ilanga:

Ukuhlanganisa nokukhupha kufikela ku-800

Imindeni yeenomboro

Singenza imindeni yeenomboro. Omunye nomunye umndeni uneenomboro ezimbili ezikulu kanye neyodwa encani.

Sebenzisa iinomboro u-4, 8 no-12 njengesibonelo.

4 + 8 = 12	8 + 4 = 12
12 − 8 = 4	12 − 4 = 8



Funyana imindeni.

Tlola imitjho yeenomboro emine kelinye nelinye ibuthelelelo leenomboro.

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



Yelela izinto ezihlanganisako.

Emsebenzini lo sizokuveza amaphetheni.

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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Ikhambo elide.

UNom. Mkhize uyatjhayela uyokuvakatjhela unina ohlala kude pheze ebangeni elima-352 km. Uyaphumula ajame ebangeni elili-166 km. Usasalelwe kukhamba ibanga elingangani?

UKumi wenza lokhu:	UPhumla utlola lokhu:
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 lokhu:	**UPeter wenza lokhu:**
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 lokhu:	**ULebo ucabanga ngokubuyelelwe kabili kanye nokuhafula:**
352 – 166 352 – 152 = 200 200 – 14 = 200 – 10 – 4 = 190 – 4 = 186 km	Ihafu yaka-352 yi-176 Kodwana kumele ngithathe nje kwaphela i-166, okutjho kobana ngihlanganise godu ne-10. 176 + 10 = 186 km

Khuluma ngeendlela ezahlukileko. Wena ngiyiphi indlela oyithanda khulu? Kungani?



Rarululela okulandelako lokhu esiqetjhaneni sephepha:

Sebenzisa nanyana ngiyiphi yeendlela ezingehla.

746 – 328	800 – 499

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Ilanga:

Okhunye ukuhlanganisa kanye nokukhupha ukufika ku-800

Zakhele zakho iinomboro zemindeni.

Umsebenzi wokuzijayeza.

5 12 17

8 9 17

Isibonelo: Yakha u-17



$5 + 12 = 17$

$12 + 5 = 17$

$17 - 12 = 5$

$17 - 5 = 12$

$8 + 9 = 17$

$9 + 8 = 17$

$17 - 9 = 8$

$17 - 8 = 9$



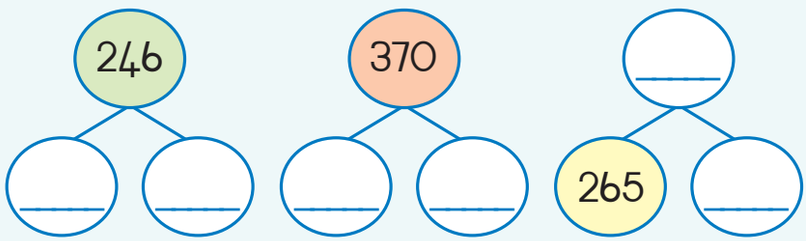
Kenye nenye inomboro kezingenzasi, khetha ezinye ezimbili ukwakha umndeni. Tlola imitjho yeenomboro emine (emibili + kanye nemibili –) kenye nenye inomboro yomndeni.

Hlolisisa!
Madanisa! Lungisa!

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



Funyana inomboro etlhayelako ebuyelelwe kabili nanyana ehafuliweko.



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Ukuhafula ukuze ukhuphe.

Nangabe wazi ukuhafula kanye nokubuyelela kabili, ngesinye isikhathi ungakusebenzisa nawuhlanganisako nanyana nawukhuphako. **Isibonelo:**

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

Kwanje linga lokhu:

340 – 176	145 + 148	900 – 452

Fundisisa iindlela.

Ebantwaneni abama-256 omunye nomunye wabo ufunyana isipho sakaKresimusi. Ihafu yabo ifunyana abonopopi bese ihafu ifunyane iinkoloyana zokudlala. Bangaki abafunyana iinkoloyana?

Indelala yoku-1	Indlela yesi-2
256 = 200 + 50 + 6 → Ihafu yaka-200 yi-100 → Ihafu yaka-50 yi-25 → Ihafu yaka-6 yi-3 100 + 25 + 3 = 128 → Ihafu yaka-256 yi-128 Okutjho kobana abentwana abali-128 bafunyana iinkoloyana.	→ Ihafu yaka-250 = 125 → Ihafu yaka-6 yi-3 125 +3 = 128 → Ihafu yaka-256 yi-128 Okutjho kobana abentwana abali-128 bafunyana iinkoloyana.

Rarululela okulandelako lokhu esiqetjhaneni sephepha:

Sebenzisa nanyana ngiyiphi yeendlela ezingehla.

Umntwana omunye nomunye kabama-728 ufunyana isidlalisi esitolo sendawo esithengisa ukudla. Ihafu yabentwana ifunyane amabhlogo wokwakha. Bangaki abentwana abafunyene amabhlogo wokwakha?

Omunye nomunye umntwana kabama-642 ufunyane ikhekhe. Ihafu yabo ifunyane umtletlana wetjhokoledi yemafini. Bangaki abafunyene umtletlana wetjhokoledi yemafini?

Teacher:
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Date:

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Ilanga:

Amaphetheni weenomboro: amatjhumi ukufika ku-800



Ungathini ngeenomboro ezingemabhlogweni afiphaziweko?

Bala amatjhumi ukusuka ku-710 ukufika ku-800.
Ngiyiphi inomboro eza ngemva kwaka-720 lokha nawubala ngamatjhumi?

Bala ubuyele emuva ngamatjhumi usuke ku-800 uyokufika ku-710.
Ngiyiphi inomboro eza ngaphambi kwaka-760 lokha nawubalako ubuyela emuva?

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



Qedelela iinomboro zemitjho.

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



Ukuhlanganisa nanyana ukukhupha ngamatjhumi.

1. Hlanganisa netjhumi kile inomboro onikelwe yona. Sewenzelwe isibonelo.

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. Khupha itjhumi kile inomboro onikelwe yona. Sewenzelwe isibonelo.

a. 767 – 10 = 757

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

3. Kwenzeka ini lokha nawuhlanganisako nanyana nawukhupha itjhumi eenomborweni ezingehla?

_____



Qalisisa iiyingi ezibomvu ebhodini leenomboro.

a. Ngikuphi okuyelelako ngeeyingi lezi? _____

b. Yelula ukulandelana kweenomboro ezilandelako:

704; 714; 724; _____ ; _____ ; _____

715; 725; 735; _____ ; _____ ; _____

799; 789; 779; _____ ; _____ ; _____

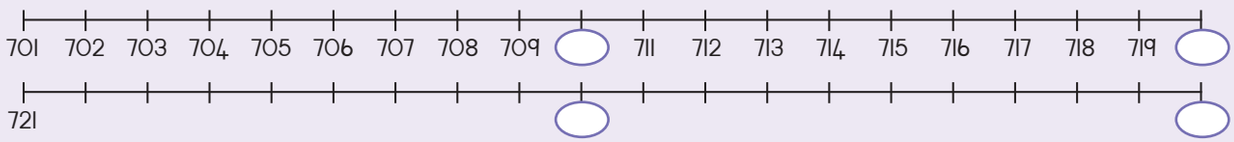
782; 772; 762; _____ ; _____ ; _____

737; 747; 757; _____ ; _____ ; _____

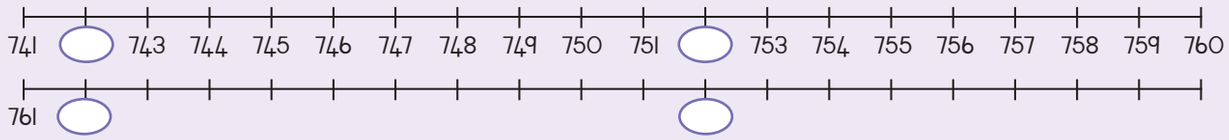


Qedelela ngenomboro enembako komunye nomunye umzombe wamanambalayini alandelako.

a.



b.





Nginenomboro enamadijidi ama-3.



Idijidi yokuthoma ngu-7, elandelako yinomboro enobukhulu obubodwa kunekhomba, bese idijidi lokugcina kube yinomboro engaphasi kuka-7 ngokukodwa.

Nangabe uyabala uya phambili ngamatjhumi ukusuka enomborweni le, inomboro le izokuba yini?

_____

Teacher:
Sign:
Date:

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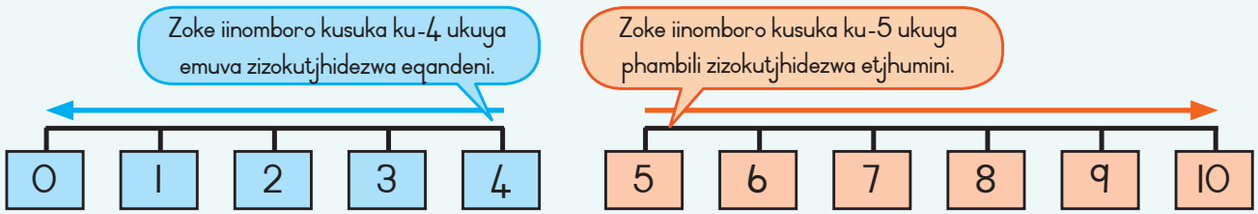
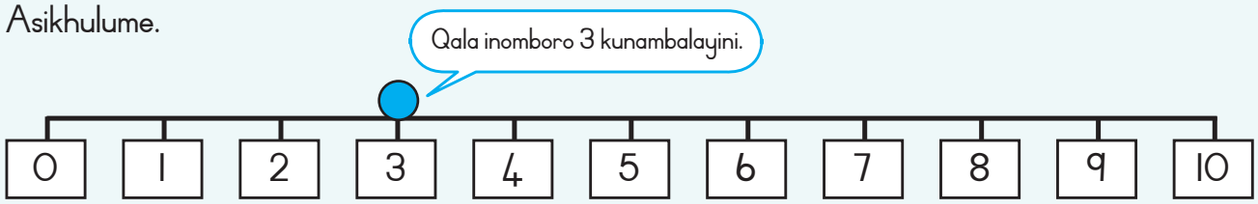
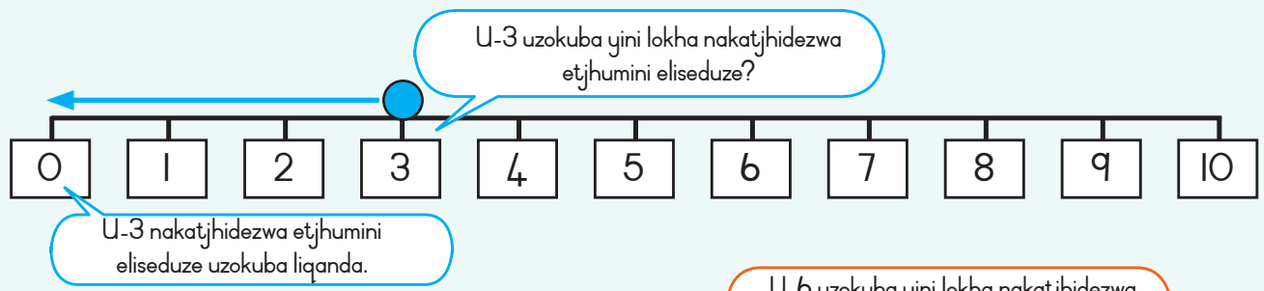
Ilanga: .....

Ukutjhideza etjhumini

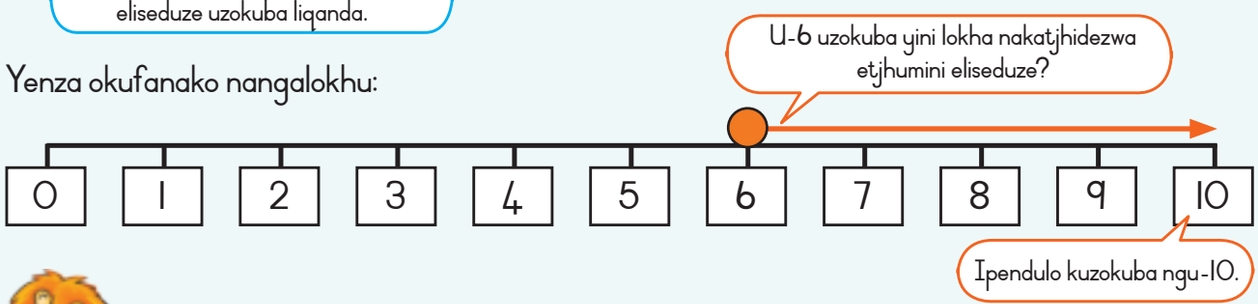


Asikhulume.





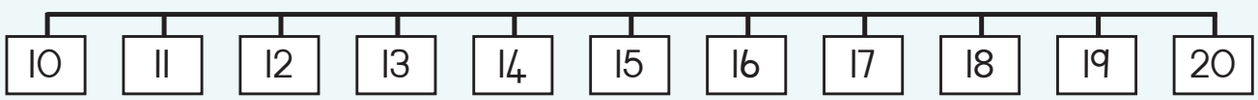
Yenza okufanako nangalokhu:





Tjhideza etjhumini eliseduze.

U-12 nakatjhidezwe eduze ipendulo yini? ____ U-19 nakatjhidezwe eduze ipendulo yini? ____



U-53 nakatjhidezwe eduze ipendulo yini? ____ U-58 nakatjhidezwe eduze ipendulo yini? ____



1 2 3 4 5 6 7 8 9 10

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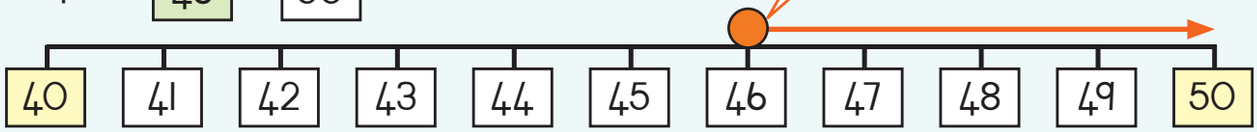
Tjhideza etjhumini eliseduze ngokugwala inambalayini yakho.

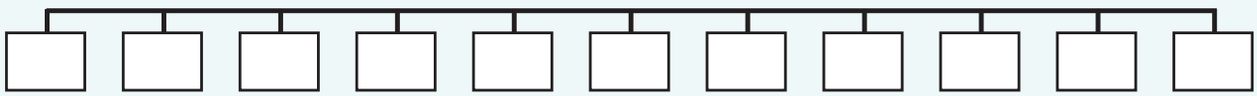
a. 46 [46] [50]

Kuhlangana namaphi amatjhumi amabili lapha kuno-46? ☐



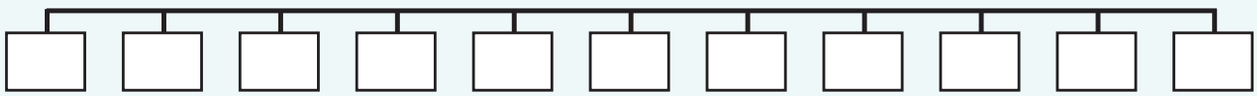
b. 63 ☐

Kuhlangana namaphi amatjhumi amabili lapha kuno-63? ☐



c. 37 ☐

Kuhlangana namaphi amatjhumi amabili lapha kuno-37? ☐



d. 99 ☐

Kuhlangana namaphi amatjhumi amabili lapha kuno-99? ☐







UTom unemali ema-R48,00

Ipaka yamakarada awabuthelelako ibiza ama-R5,00.

Angathenga iimpakana zamakarada ezingaki ngemali ema-R48,00? _____



11 12 13 14 15 16 17 18 19 20

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78

Ilanga:

Ukubuyabuyelela: okuhlanu kufika kuma-75

Ngikuphi okuza ngakuhlanu?

Imino yesandla esisodwa.



Mingaki imino:

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

Madanisa ipendulo nombuzo ngesinceleni:

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



Qedelela itheyibula.

Ukubuthelela	Ukubuyabuyelela	Ukwabelana	Hlukanisa
Amabuthelelo ama-2 wangaku-5	$2 \times 5 = 10$	Yaba okuli-10 hlangana kwaba-5	$10 \div 5 = 2$
Amabuthelelo ali-7 wangaku-5		Yaba okuma-35 hlangana kwaba-5	
Amabuthelelo ali-12 wangaku-5		Yaba okuma-60 hlangana kwaba-5	
Amabuthelelo ali-15 wangaku-5		Yaba okuma-75 hlangana kwaba-5	



Qedelela itheyibula.

Ukwabelana	Hlukanisa
Yaba okuli-12 hlangana kwaba-5	$12 \div 5 = 2$ isalela ngu-2
Yaba okuma-64 hlangana kwaba-5	
Yaba okuma-39 hlangana kwaba-5	
Yaba okuma-73 hlangana kwaba-5	

1 2 3 4 5 6 7 8 9 10

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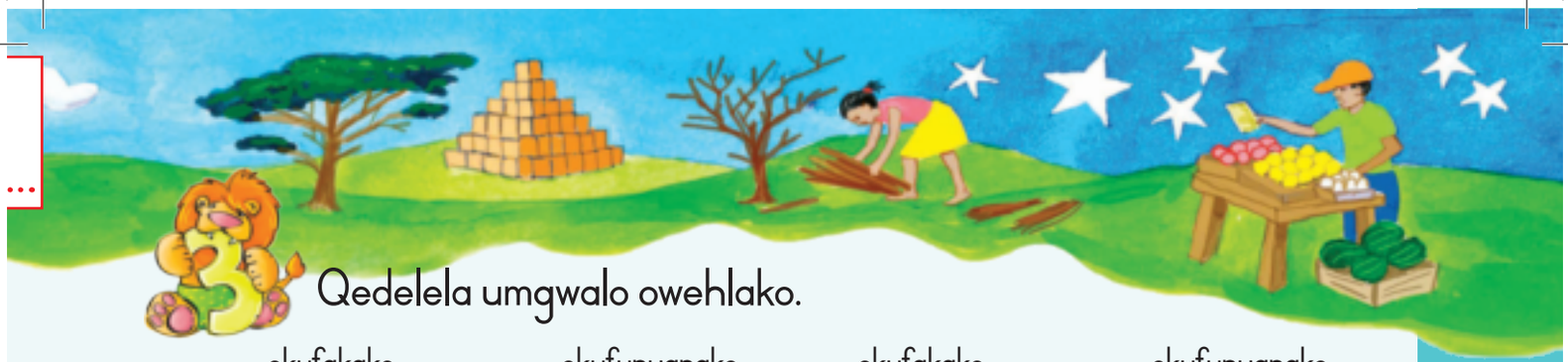


Qedelela umgwalo owehlako.

okufakako → umthetho → okufunyanako

okufakako	umthetho	okufunyanako
11	× 5	
12		
13		
14		
15		

okufakako	umthetho	okufunyanako
16	× 5	
17		
18		
19		
20		

okufakako	umthetho	okufunyanako
5	÷ 5	
10		
15		
25		
30		

okufakako	umthetho	okufunyanako
55	× 5	
60		
65		
70		
75		

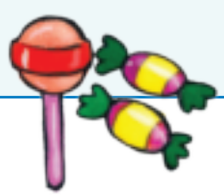
Qedelela itheyibula elingenzasi:

×	1	2	3	4	5	6	7	8	9	10
5										

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

Uzisebenze njani iimpendulo ekumele zitlolwe ngemabhlogweni ahlaza sasibhakabhaka?

Rarulula okulandelako:



Umma uthenge iimpaka zamaswidi ngenani elima-R70.
Ubhadele ama-R5 ipaka ngayinye.
Umma uthenge iimpaka zamaswidi ezingaki?

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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79

Ilanga: .....

Amaphetheni weenomboro: ngakuhlanu bekufike ku-800



Ungathini ngeenomboro ezingemabhlogweni anombala o-orentji?

Bala ngakuhlanu usuke ku-705 uyokufika ku-800.
Ngiyiphi inomboro eza ngemva kwaka-720 lokha nawubala ngakuhlanu?

Bala uye emuva ngakuhlanu ukusuka ku-800 uyokufika ku-705.
Ngiyiphi inomboro eza ngaphambi kwaka-730 lokha nawubala uya emuva?

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



Qedelela imitjho yeenomboro.

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



Hlanganisa nanyana ukhuphe ngakuhlanu.

1. Hlanganisa inomboro onikelwe yona nakuhlanu.
   Sewenzelwe inomboro yokuthoma njengesibonelo.

a. 760 + 5 = 765

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

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2. Khupha okuhlanu enomborweni onikelwe yona.
Sewenzelwe inomboro yokuthoma njengesibonelo.

a. 765 – 5 = 760

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

3. Kwenzeka ini lokha nawuhlanganisa nanyana ukhupha okuhlanu kilezi iinomboro ezingehla?

_____

4 Qalisisa iiyingi ezibomvu ebhodini leenomboro.

a. Ngikuphi okuyelelako ngeeyingi lezi? _____

b. Yelula ukulandelana kweenomboro ezilandelako:

703; 708; 713; _____ ; _____ ; _____

753; 758; 763; _____ ; _____ ; _____

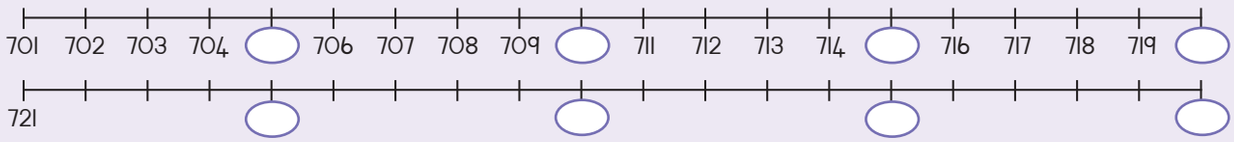
701; 706; 711; _____ ; _____ ; _____

722; 727; 732; _____ ; _____ ; _____

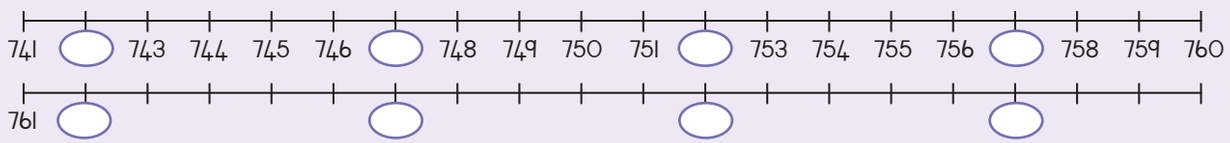
714; 719; 724; _____ ; _____ ; _____

5 Qedelela ngenomboro enembako emzombeni ngamunye wamanambalayini.

a.



b.



6 Nginenomboro enamadijidi ama-3.



Idijidi yokuthoma ngu-7, elandelako yinomboro enobukhulu obubodwa kunekhomba, bese idijidi lokugcina kube yinomboro engaphasi kuka-7 ngokuhlanu.

Nangabe uyabala uya phambili ngakuhlanu ukusuka enomborweni le, inomboro le izokuba yini?

_____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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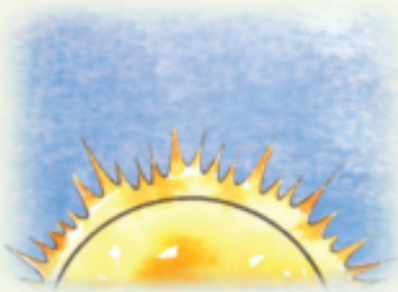
80

Ilanga:

Ubusuku kanye nemini







eCape Town

Itheyibula elingenzasi litjengisa ukuphuma nokutjhinga kwelanga ngeenkhathi ezahlukeneko zomnyaka eCape Town. Funda iinkhathi etheyibuleni bese uqedelela itheyibula ngaphambi kokuphendula imibuzo engenzasi.



eCape Town	Ukuphuma kwelanga	Ukutjhinga kwelanga	Ubude belanga	Ubude bobusuku
Mhla amalanga ama-23 kuMatjhi	6:53 am	6:53 pm		
Mhla amalanga ama-21 kuJuni	7:51 am	5:44 pm		
Mhla amalanga ali-19 kuSeptemba	6:41 am	6:41 pm		
Mhla amalanga ama-22 kuDisemba	5:32 am	7:58 pm		

a. Ngiziphi iinyanga ezinamalanga alingana nobusuku ngobude? _____

b. Ngiyiphi inyanga enamalanga amade? _____

c. Ngiyiphi inyanga enamalanga amafitjhani? _____

d. Funyana umehluko okhona phakathi kwama-iri kunye nemizuzu phakathi kwamalanga amade namalanga amafitjhani. _____

e. Funyana ubude belanga kanye nebobusuku elangeni elinye nelinye etheyibulini elingehla.

_____

1 2 3 4 5 6 7 8 9 10

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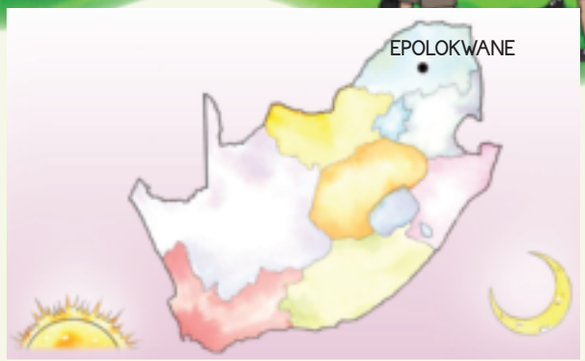
EPolokwane



Itheyibula le itjengisa iinkhathi zokuphuma nokutjhinga kwelanga ngeenkhathi ezahlukeneko zomnyaka ePolokwane. Fundisisa iinkhathi etheyibuleni bese uqedelela okulandelako etheyibulini ngaphambi kokuphendula imibuzo engenzasi.

EPolokwane	Ukuphuma kwelanga	Ukutjhinga kwelanga	Ubude belanga	Ubude bobusuku
Mhla amalanga ama-25 kuMatjhi	6:08 am	6:08 pm		
Mhla amalanga ama-21 kuJuni	6:44 am	5:24 pm		
Mhla amalanga ali-17 kuSeptemba	5:57 am	5:57 pm		
Mhla amalanga ama-22 kuDisemba	5:13 am	6:50 pm		

a. Kungaziphi iinyanga lapha ubusuku kanye nemini kulingana khona?

b. Kungaziphi iinyanga lapha ubude belanga bulingana khona eCape Town kanye nePolokwane?

c. Kungaziphi iinyanga lapha ubude belanga buhluke khona? _____

d. Funyana umehluko ngama-iri kanye nemizuzu hlangana kwelanga elide khulu kanye nelanga elifitjhani khulu. _____

e. Funyana ubude belanga kanye nebobusuku elangeni elinye nelinye etheyibulini elingehla.



Bawa omunye akusize ufunyane iinkhathi zokuphuma kanye nokutjhinga kwelanga endaweni yangekhenu.
Tlola phasi iinkhathi lezo bekuphele iveke eyodwa. Ingabe amalanga aba made nanyana aba mafitjhani?

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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81 Ukubuyabuyelela: ngakubili bekufike ku-75

Ilanga:

Ngikuphi okuza ngakubili? Ipara yinye yamanyathelo.





Mangaki amanyathelo:

Ipara yinye yamanyathelo?
Iimpara ezi-2 zamanyathelo?
Iimpara ezi-3 zamanyathelo?
Iimpara ezi-4 zamanyathelo?
Iimpara ezi-5 zamanyathelo?
Iimpara ezi-6 zamanyathelo?
Iimpara ezili-7 zamanyathelo?
Iimpara ezibu-8 zamanyathelo?
Iimpara ezili-9 zamanyathelo?
Iimpara ezili-10 zamanyathelo?

Madanisa isibalo nombuzo ongesinceleni.

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

Qedelela itheyibula.

Amabuthelelo	Ukubuyabuyelela	Ukwaba	Ukwehlukanisa
Amabuthelelo ali-10 wangaku-2	$10 \times 2 = 20$	Yaba ama-20 hlangana kokubili-2	$20 \div 2 = 10$
Amabuthelelo ali-15 wangaku-2		Yaba ama-30 hlangana kokubili-2	
Amabuthelelo ama-20 wangaku-2		Yaba ama-40 hlangana kokubili-2	
Amabuthelelo ama-35 wangaku-2		Yaba ama-70 hlangana kokubili-2	



Qedelela itheyibula.

Ukwaba	Hlukanisa
Yaba ama-21 hlangana kokubili-2	$21 \div 2 = 10$ isalela ngoku-1
Yaba ama-33 hlangana kokubili-2	
Yaba ama-67 hlangana kokubili-2	
Yaba ama-75 hlangana kokubili-2	

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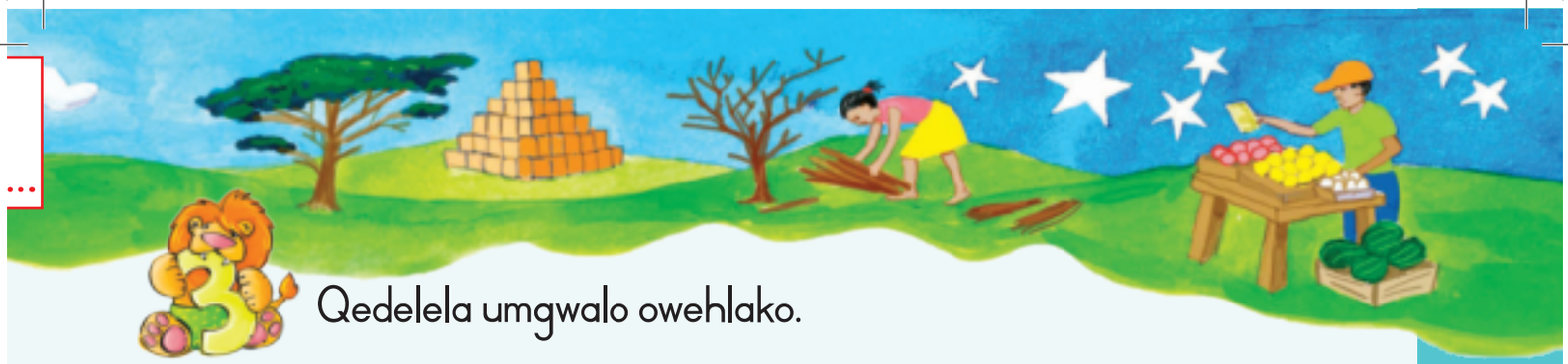

Qedelela umgwalo owehlako.

okufakiweko	umthetho	umphumela
11	× 2	
15		
17		
17		
20		

okufakiweko	umthetho	umphumela
22	× 2	
26		
31		
30		
35		

okufakiweko	umthetho	umphumela
20	÷ 2	
26		
32		
38		
44		

okufakiweko	umthetho	umphumela
50	× 2	
60		
68		
72		
74		

Qedelela amatheyibula angenzasi:

×	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																	

Rarulula okulandelako:



Ngithenge amaswidi wamalolipopo ama-36 ngemali ema-R2.
Ngibhadele ngemali ema-R50, R20 kanye neyisimbi ema-R5.
Kube yimalini itjhentjhi yami?

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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82

Ilanga: .....

Amaphetheni weenomboro: zangakubili kufika ku-800



Ungathini ngeenomboro ezingebhlogweni elinombala o-orentji?

Bala ngakubili ukusuka kuma-700 ukufika kuma-800 Ngiyiphi inomboro eza ngemuva kwama-700 lokha nawubala ngakubili?

Bala ubuyele emuva ngakuhlanu ukusuka ku-800 ukufika ku-710. Ngiyiphi inomboro eza ngaphambi kwama-750 lokha nawubala ubuyela emuva?

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



Qedelela ukulandelana kweenomboro.

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



Hlanganisa nanyana ukhuphe okubili.

1. Hlanganisa okubili enomborweni oyinikelweko. Sewenzelwe isibonelo.

a. 764 + 2 = 766

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

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a. 764 – 2 = 762

2. Khupha okubili enomborweni enikelweko. Sewenzelwe isibonelo.

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

3. Kwenzeka ini lokha nawukhuphako nanyana nawuhlanganisa okubili eenomborweni ezingehla?

_____

4 Qala iiyingi ezihlaza sasibhakabhaka ebhodini leenomboro.

a. Ngikuphi okuyelelako ngeeyingi lezi? _____

b. Yelula ukulandelana kweenomboro ezilandelako:

701; 703; 705; _____ ; _____ ; _____

725; 727; 729; _____ ; _____ ; _____

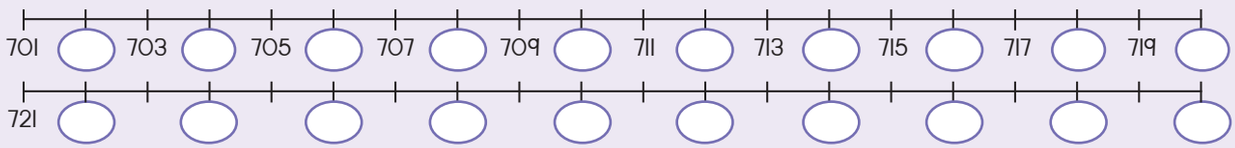
799; 797; 795; _____ ; _____ ; _____

783; 785; 787; _____ ; _____ ; _____

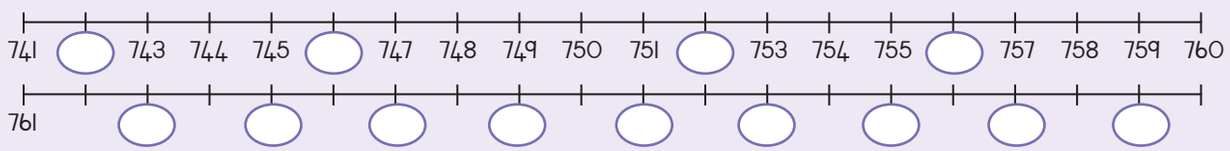
779; 781; 783; _____ ; _____ ; _____

5 Qedelela ngenomboro enembako kesinye nesinye isiyingi kumanambalayini alandelako.

a.



b.



6 Nginenomboro enamadijidi ama-3.



Idijidi yokuthoma ngu-7, elandelako yikulu kabili kuno-7, bese kuthi yokugcina ibe ngaphasi kuka-7 ngokune.

Nangabe uyabala uya phambili ngakubili ukusuka enomborweni le, inomboro le kuzokuba yini?

_____

Teacher:
Sign:
Date:

11 12 13 14 15 16 17 18 19 20

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83

Ilanga: .....

Ukubuyabuyelela: ngaku-2 nangaku-5 bekufike ku-75



Ungaphendula msinya kangangani kilokhu okulandelako?

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 = _____



Qala kobana umngani wami wenze ini.

4 × 2 = 8

Cocisanani.

Umngani wami utjengisa oku-4 × 2 ngendlela elandelako:

Ukubala ulokhu weqa	Amabuthelelo alinganako	Ukuhlanganisa okubuyelelweko	Ukuhlela	Amaphuzu
2, 4, 6, 8	●●●● ●●●●	2 + 2 + 2 + 2	xx xx xx xx	2 x 4 = 8 4 x 2 = 8 8 ÷ 4 = 2 8 ÷ 2 = 4

Kwanje yenza okufanako 4 × 5 = 20.

Ngokubala useqa	Amabuthelelo alinganako	Ngokuhlanganisa okubuyelelweko	Ngokuhlela	Ngamaphuzu

1 2 3 4 5 6 7 8 9 10

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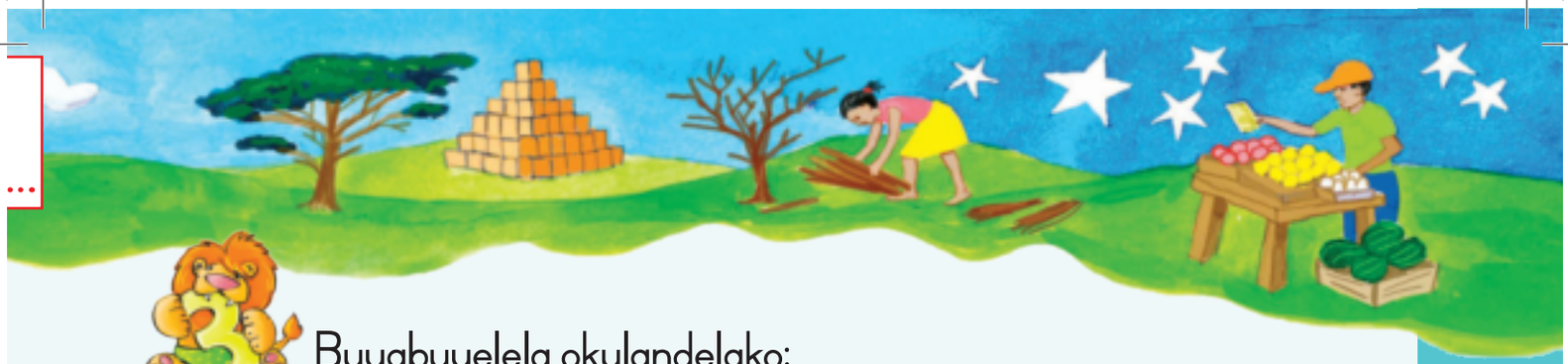

Buyabuyelela okulandelako:

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 × 5





Rarulula okulandelako:

Ngithenge amaswidi ali-14 ngenani lama-R3 iswidi ngalinye.
Umngani wami uthenge amaswidi ali-12 ngama-R5 iswidi ngalinye.
Sisobabili sibhadele malini imali yamaswidi sele awoke?

Teacher:
Sign:
Date:

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84 Ukubuyabuyelela: ngakuthathu bekufike ku-75

Ilanga:

Ngikuphi okuza ngakuthathu? Amavilo womlelenjani onamavilo amathathu.



Mangaki amavilo asemlelenjaneni owodwa?

Mangaki amavilo asemlelenjaneni emi-2?
Mangaki amavilo asemlelenjaneni emi-3?
Mangaki amavilo asemlelenjaneni emi-4?
Mangaki amavilo asemlelenjaneni emi-5?
Mangaki amavilo asemlelenjaneni esi-6?
Mangaki amavilo asemlelenjaneni eli-7?
Mangaki amavilo asemlelenjaneni ebu-8?
Mangaki amavilo asemlelenjaneni eli-9?
Mangaki amavilo asemlelenjaneni eli-10?

Madanisa inani kanye nombuzo ongesandleni sesincele:

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



Qedelela itheyibula.

Amabuthelelo	Ukubuyabuyelela	Ukwaba	Ukwahlukanisa
Amabuthelelo ali-11 wanga ku-3	$11 \times 3 = 33$	Yaba ama-33 nga ku-3	$33 \div 3 = 11$
Amabuthelelo ali-15 wanga ku-3		Yaba ama-45 nga ku-3	
Amabuthelelo ama-25 wanga ku-3		Yaba ama-60 nga ku-3	
Amabuthelelo ali-12 wanga ku-3		Yaba ama-36 nga ku-3	



Qedelela itheyibula.

Ukwaba	Hlukanisa
Yaba u-37 ngaku-3	$37 \div 3 = 12$ isalela ngu-1
Yaba u-74 ngaku-3	
Yaba u-49 ngaku-3	
Yaba u-68 ngaku-3	

1 2 3 4 5 6 7 8 9 10

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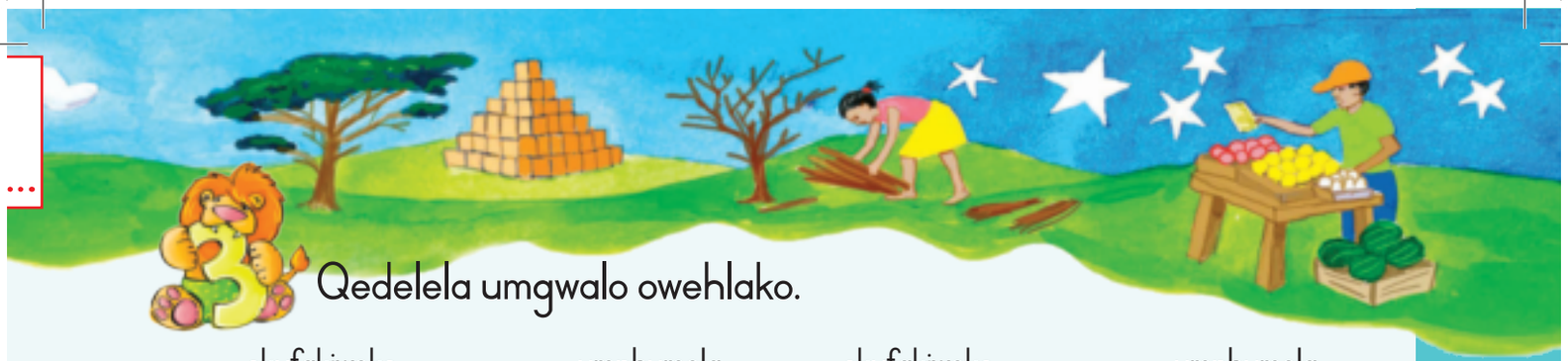


3 Qedelela umgwalo owehlako.

okufakiweko → umthetho → umphumela

okufakiweko	umthetho	umphumela
10	× 3	
12		
14		
16		
22		

okufakiweko	umthetho	umphumela
11	× 3	
13		
15		
23		
25		

okufakiweko	umthetho	umphumela
18	÷ 3	
30		
36		
42		
72		

okufakiweko	umthetho	umphumela
12	÷ 3	
63		
66		
69		
75		

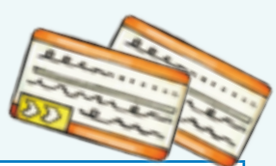
4 Qedelela itheyibula elingenzasi:

×	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															

Uyisebenze njani ipendulo yalapha amabhlogo anombala ohlaza sasibhakabhaka?

5 Rarulula okulandelako:



Imali yokungena ma-R3 umntwana ngamunye begodu ephageni kungene abentwana abama-23.
Sebaboke babhadele malini?

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Date:

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Ukubuyabuyelela: ngaku-2, ngaku-3 nangaku-4 bekufike ku-75

Ilanga: .....



Ungakuphendula msinya kangangani lokhu okulandelako?

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 = _____



Qala kobana umngani wami wenze ini.

5 × 2 = 10

Cocisanani.

Ngithome ngokutjengisa u-5 × 2 ngendlela elandelako:

Ukubala ngokweqa	Amabuthelelo alinganako	Ukuhlanganisa okubuyelelweko	Ukuhlela	Amaqiniso
2, 4, _ _ _	● ● _ _ _ _	2 + _ _ _ _	_ imida yanga ku-2 xx	2 x _ = _ 4 x _ = _ _ ÷ _ = _ _ ÷ _ = _

Kwanje yenza okufanako na lokhu 8 × 3 = 24.

Ukubala ngokweqa	Amabuthelelo alinganako	Ukuhlanganisa okubuyelelweko	Ukuhlela	Amaqiniso

6 × 4 = 24

Ukubala ngokweqa	Amabuthelelo alinganako	Ukuhlanganisa okubuyelelweko	Ukuhlela	Amaqiniso

1 2 3 4 5 6 7 8 9 10

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Hlukanisa bewuhlolisise ipendulo yakho.

63 ÷ 3 = (60 + 3) ÷ 3 = (60 ÷ 3) + (3 ÷ 3) = 20 + 1 = 21	21 × 3 = (20 + 1) × 3 = (20 × 3) + (1 × 3) = 60 + 3 = 63
a. 48 ÷ 5	
b. 64 ÷ 5	

Rarulula okulandelako:



Mina nabangani bami sinemali ema-R63 seyiyoke.
Sifuna ukuyaba ngokulingana hlangana nathi sobathathu.

Teacher:
Sign:
Date:

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Ilanga:

Amaphetheni weenomboro: ngakuthathu bekufike ku-800



Ungathini ngeenomboro ezingebhlogweni elinombala o-orentji?

Ragela phambili ubale ngakuthathu ukusuka ku-703 bewufike ku-799. Yinomboro yiphi eza ngemuva kwaka-745 lokha nawubala ngakuthathu?

Bala uye emuva ngakuhlanu ukusuka ku-799 bewufike ku-903. Yinomboro yiphi eza ngaphambi kwaka-766 lokha nawubala ubuyela emuva.

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



Qedelela ukulandelana kweenomboro.

703; 706; 709; _____; _____; _____	799; 796; 793; _____; _____; _____



Hlanganisa nanyana ukhuphe okuthathu.

1. Hlanganisa nokuthathu enomborweni onikelwe yona. Sewenzelwe isibonelo.

a. 766 + 3 = 769

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

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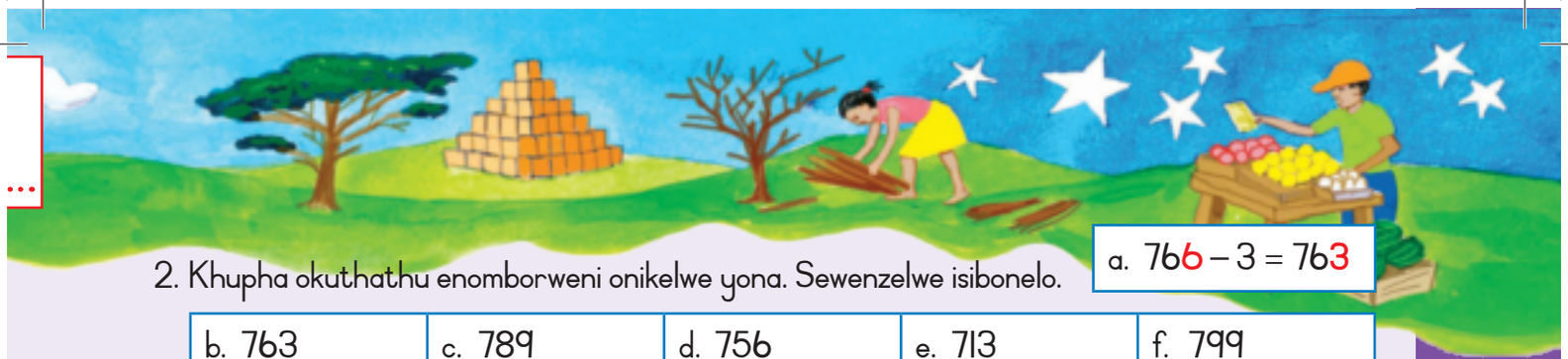


2. Khupha okuthathu enomborweni onikelwe yona. Sewenzelwe isibonelo.

a. 766 – 3 = 763

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

3. Kwenzeka ini lokha nawuhlanganisa nanyana nawukhupha okuthathu eenomborweni onikelwe zona?

_____

4 Qala iiyingi ezihlaza sasibhakabhaka ebhodini leenomboro.

a. Ngikuphi okuyelela ngeeyingi? _____

b. Yelula ukulandelana kweenomboro ezilandelako:

704; 707; 710; _____ ; _____ ; _____

773; 776; 779; _____ ; _____ ; _____

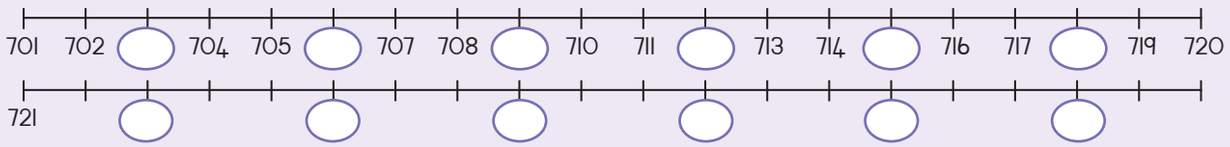
779; 776; 773; _____ ; _____ ; _____

782; 785; 788; _____ ; _____ ; _____

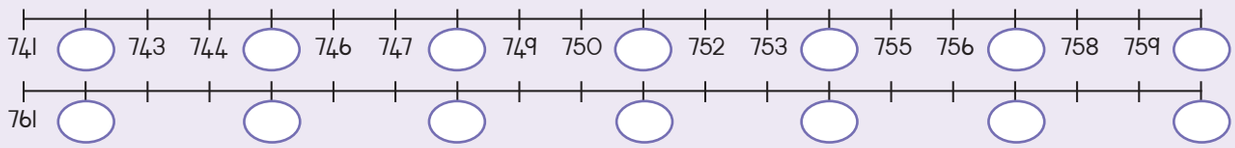
779; 782; 785; _____ ; _____ ; _____

5 Kwanje bala ngakuthathu uye phambili kusukela enomborweni le. Uthola yiphi inomboro.

a.



b.



6 Nginenomboro enamadijidi ama-3.



Idijidi lokuthoma ngu-7, elilandelako likhulu kabili kune-7, idijidi lokugcina lincani ngokubili-7 kunokulikhomba. Nangabe uyabala uya phambili ngakuthathu ukusuka enomborweni le. Izokuba yini inomboro leyo?

_____

Teacher:
Sign:
Date:

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87

Ilanga:

Ukubuyabuyelela: ngakune bekufike ku-75

Ngikuphi okuza ngakune?

Amavili wekoloyi.



Mangaki amavili?

Ikoloyi eyo-1?
Iinkoloyi ezi-2?
Iinkoloyi ezi-3?
Iinkoloyi ezi-4?
Iinkoloyi ezi-5?
Iinkoloyi ezisi-6?
Iinkoloyi ezili-7?
Iinkoloyi ezibu-8?
Iinkoloyi ezili-9?
Iinkoloyi ezili-10?

Madanisa isibalo kanye nombuzo ongesinceleni:

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



Qedelela itheyibula.

Amabuthelelo	Ukubuyabuyelela	Ukwaba	Ukwahlukanisa
Amabuthelelo ali-12 wanga ku-4	$12 \times 4 = 48$	Yaba ama-48 nga ku-4	$48 \div 4 = 12$
Amabuthelelo ali-16 wanga ku-4		Yaba ama-64 nga ku-4	
Amabuthelelo ali-18 wanga ku-4		Yaba ama-72 nga ku-4	
Amabuthelelo ali-15 wanga ku-4		Yaba ama-60 nga ku-4	



Qedelela itheyibula.

Ukwaba	Ukwahlukanisa
Yaba u-35 ngaku-4	$35 \div 4 = 8$ isalela ngu-3
Yaba u-55 ngaku-4	
Yaba u-70 ngaku-4	
Yaba u-75 ngaku-4	

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Qedelela umgwalo owehlako.

okufakiweko	umthetho	umphumela
10	× 4	
11		
13		
14		
15		

okufakiweko	umthetho	umphumela
9	× 4	
12		
16		
17		
8		

okufakiweko	umthetho	umphumela
16	÷ 4	
32		
44		
60		
72		

okufakiweko	umthetho	umphumela
40	÷ 4	
52		
56		
64		
68		

Qedelela itheyibula elingenzasi:

×	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															

Uzisebenze njani iimpendulo ezingemabhlogweni ahlaza sasibhakabhaka?

Rarulula okulandelako:



Nginama-R75.
Zingaki izipho ezincani engingazithenga ngemali ema-R4?

Teacher:
Sign:
Date:

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Ilanga:

Inomboro zamaphethen: ngazine bekufike ema-800



Ungathini ngeenomboro ezingebhlogweni elinombala o-orentji?

Bala ngakune ukusuka ku-704 ufike ku-800. Ngiyiphi inomboro eza ngemva kwaka-736 lokha nawubala ngakune?

Bala uye emuva ngakune ukusuka ku-800 ufike ku-704. Ngiyiphi inomboro eza ngaphambi kwaka-776 lokha nawubala ubuyela emuva?

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



Qedelela ukulandelana kweenomboro.

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



Hlanganisa nanyana ukhuphe okune.

1. Hlanganisa okune enomborweni onikelwe yona. Sewenzelwe isibonelo.

a. 764 + 4 = 768

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

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a. 764 – 4 = 760

2. Khupha okune enomborweni onikelwe yona. Sewenzelwe isibonelo.

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

3. Kwenzeka ini lokha nawuhlanganisa nanyana nawukhupha okune eenomborweni ezingehla?

_____



Qala iiyingi ezihlaza sasibhakabhaka ebhodini leenomboro.

a. Ngikuphi okuyelelako ngeeyingi lezi?
Yelula ukulandelana kweenomboro ezilandelanako: _____

b. Yelula ukulandelana kweenomboro ezilandelanako:

703; 707; 711; _____ ; _____ ; _____

773; 777; 781; _____ ; _____ ; _____

711; 715; 719; _____ ; _____ ; _____

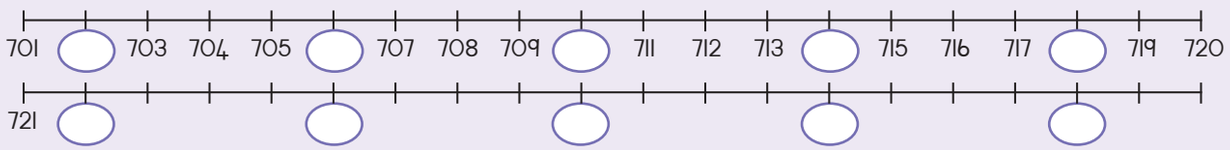
783; 779; 775; _____ ; _____ ; _____

799; 795; 791; _____ ; _____ ; _____

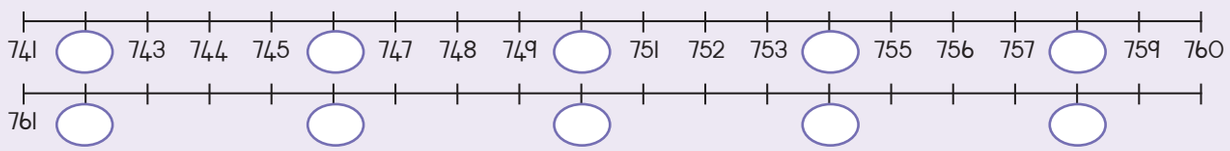


Qedelela ngenomboro enembako esiyingini ngasinye kumanambalayini alandelako.

a.



b.





Nginenomboro enamadijidi ama-3.



Idijidi lokuthoma ngu-7, elilandelako likhulu ngokukodwa kuno-7, idijidi lokugcina lincani ngoku-3 kunokulikhomba. Nangabe uyabala uya phambili ngakune ukusuka enomborweni le. Izokuba yini inomboro leyo?

_____



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89

Ilanga: .....

Ukubuyabuyelela kanye nokwahlukanisa: ngaku-2, ngaku-3, ngaku-4 nangaku-5 bekufike ku-75



Ungakuphendula msinya kangangani okulandelako?

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 amabhlogo akunikela isibalo esikunikela isalela.

12 ÷ 2 = 6	13 ÷ 3 = 4 isalela ngu-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 kobana inomboro ingahlukaniseka:

- 3? Nawuhlanganisa idijidi yenomboro (isib: 72 unamadijidi 7 + 2 = 9) begodu ungahlukanisa inomnoro etja ngaku-3 (isib: 9 uyahlukaniseka ngaku-3).
- 2? _____
- 5? _____

1 2 3 4 5 6 7 8 9 10

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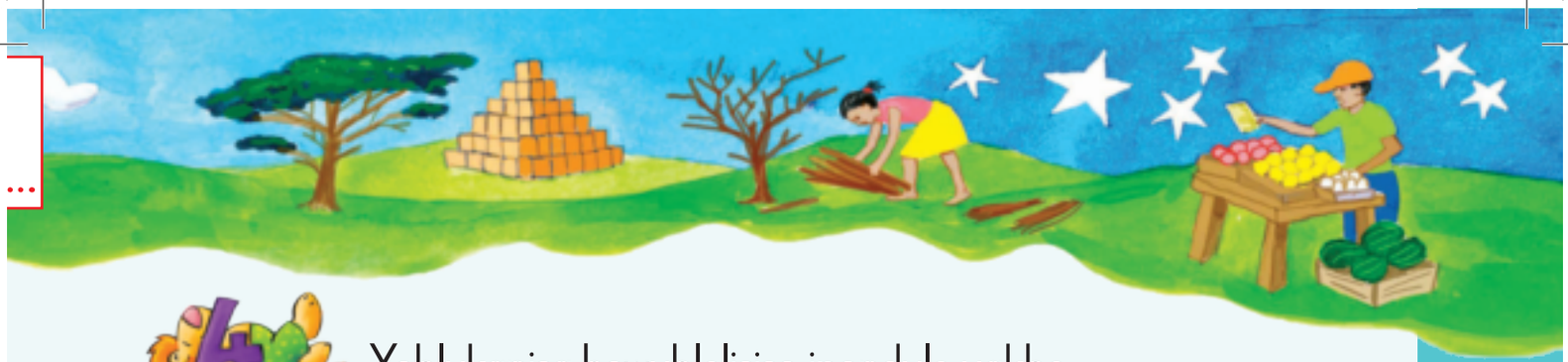

Yehlukanisa bewuhlolisise ipendulo yakho.

65 ÷ 3 = (60 + 5) ÷ 3 = (60 ÷ 3) + (5 ÷ 3) = 20 + I isalela ngu-2 = 2I isalela ngu-2	2I × 3 + 2 = (20 + I) × 3 + 2 = (20 × 3) + (I × 3) + 2 = 60 + 3 + 2 = 65
a. 49 ÷ 5	
b. 65 ÷ 5	





Rarulula okulandelako:

Kumele ukhambe uyokwenza irhubhululo.
Wazi njani kobana inomboro iyahlukaniseka ngaku-4?



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Ilanga:

Amatshwayo wezinto eziyi-3D



Qala iinthombe.

Khuluma ngelingaphezulu lezinto ezilandelako usebenzise amagama: ukuba sipara nokugobana.

Amabholo	Amabhoksi	Amasilinda	Amaphiramidi	Amakhowuni
				



Qala iinthombe bese uqedelela imitjho nemibuzo.



a. Ibholo _____.



b. Kungani ibholo ingatjheleli?

_____



c. Isilinda _____.



d. Ingabe isilinda iyatjhelela?

_____

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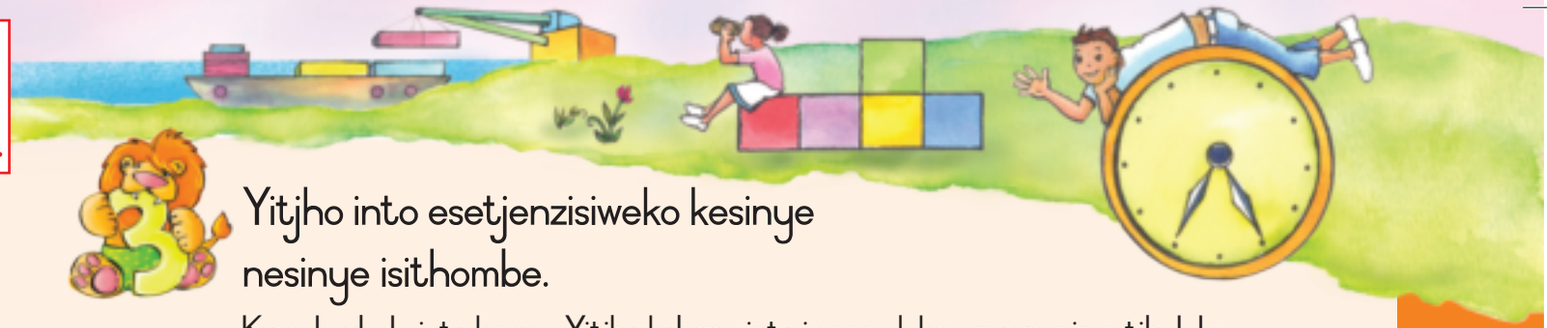
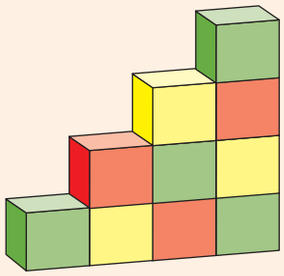
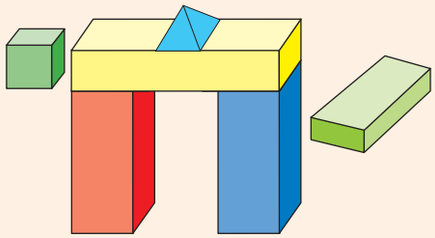
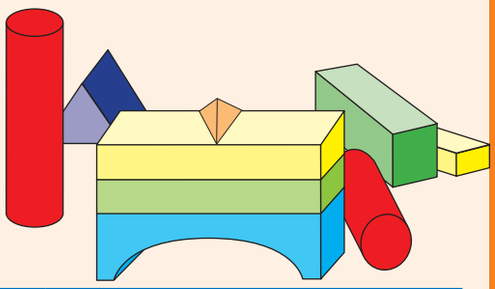


3 Yitjho into esetjenzisiweko kesinye nesinye isithombe.

Kumele ubale into kanye. Yitjho kobana into ingagedeka nanyana ingatjhelela.







_____	_____	_____
_____	_____	_____
_____	_____	_____

4 Yitjho nangabe i-3D inelingaphezulu elisipara nanyana eligobeneko.

		
_____	_____	_____

5 Gwala okulandelako:

Ibhoksi libhalanse phezu kwesilinda.	Ibholo ibhalanse phezu kwesilinda.	Isilinda ibhalanse phezu kwebhoksi.

Teacher:
Sign:
Date:

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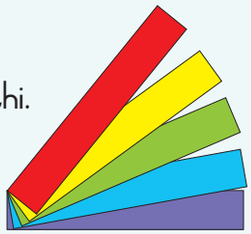
Ilanga:

Amakhithi wemitletlana yamacezu

Okutlhogako: Imitletlana emi-5 yamaphepha anemibala eyahlukeneko, Iinkere, iimpensela/amakhrayoni Yenza ikhithi.





Okupheleleko

Sika iphepha le-5

Phezu komtletlana owodwa tlola, "Okupheleleko"

Okukodwa okupheleleko

Thatha umtletlana omunye bese uwubhinca ngokuyelela okukhulu wenze isiquntu. Yewuwuvule. Uneengcenye ezilinganako ezingaki?

Tlola $\frac{1}{2}$ kenye nenye ihafu bese usika lapha ubhince khona.

Thatha umtletlana wesithathu bese uyawubhinca ube yihafu bese uwubhinca godu ube yihafu. Yewuwuvule. Uneengcenye ezingaki ezilinganako? Tlola $\frac{1}{4}$ kelinye nelinye icezu eliyingcenye yesine, bese usika lapha ubhince khona.

Kwanje linga ukwenza eminye imitletlana emibili, omunye utjengisa okukodwa kokuhlanu omunye utjengisa okukodwa kokubunane.



Sebenzisa ikhithi yamacezwana wamacezu ukuphendula imibuzo.



Kungaki kwesihlanu okulingana nokukodwa okupheleleko?



Kungaki okukodwa kobunane okulingana nehafu?



Amacezu kunambalayini.

Umtletlana utjengisa okukodwa okupheleleko.

Okukodwa okupheleleko

Isiyingi sitjengisa okukodwa okupheleleko.

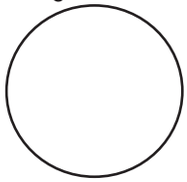


Hlukanisa umtletlana ngeengcenye zangokwesithathu.

Faka umbala ingcenye yangokwesithathu.

Hlukanisa isiyingi ngeengcenye zangokwesithathu.

Faka umbala ingcenye yangokwesithathu.



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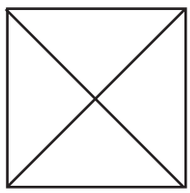
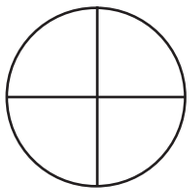
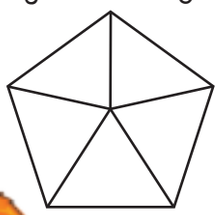
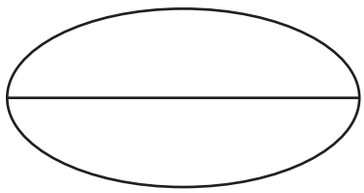
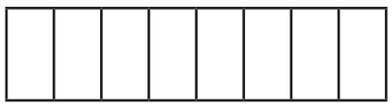
4 Khalara okulandelako:

Ihafu eyodwa 	Amakota amathathu 	Iingcenye ezimbili zangakuthathu 
Iingcenye ezine zangakuhlanu 	Ihafu eyodwa 	Amakota amathathu 

5 Gwala okulandelako:

Amakota amathathu usebenzisa isikwere.	Ihafu usebenzisa isiyingi.	Amacezu wangakuthathu amabili usebenzisa uncantathu.
Amacezu wangakuhlanu amane usebenzisa isiyingi.	Okune kokobunane usebenzisa uncane.	Amacezu amabili wangakuthathu usebenzisa irekthengela.

6 Lungisa ikhithi yakho.

- Sika esinye nesinye isiyingi seeyingi ezisi-6 kiboSika 6.
- Sika ezihlanu zeeyingi zibe ziinqetjhana emacaphazini.
- Leyibula icezu ngalinye:
  - Kelinye ihlangothi tlola icezu le-iri elilodwa.
  - Kelinye ihlangothi, tlola inani lemizuzu ecezwini lelo.





Teacher:
Sign:
Date:

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Ilanga: .....

Amanye amacezu



Tlola Iye nanyana Awa.



- Ihafu yihafu yokukodwa okuphelelelo _____
- Ihafu yihafu yekota _____
- Ikota yihafu yehafu _____
- Ihafu namakota amabili kwenza okukodwa okuphelelelo _____
- Ihafu nekota zenza amakota amathathu _____



Yaba iphayi.



USipho, uGugu, no-Andile kanye noLisa babelana iphayi.

a. Ngilambile! Ngifuna ihafu!

u-Sipho





Gwala ingcenye yakaSipho.

b. Kulungile! Nginekota.

u-Gugu





Gwala ingcenye yakaSipho neyakaGugu.

c. Mina ngizakuthatha ihafu yalokho okuseleko.

U-Andile





Gwala ingcenye yakaSipho, yakaGugu neyaka-Andile.

d. Ephayini ngisalelwe licezu elingangani?

u-Lisa





Gwala iingcenye zoke abazabelene ephayini.

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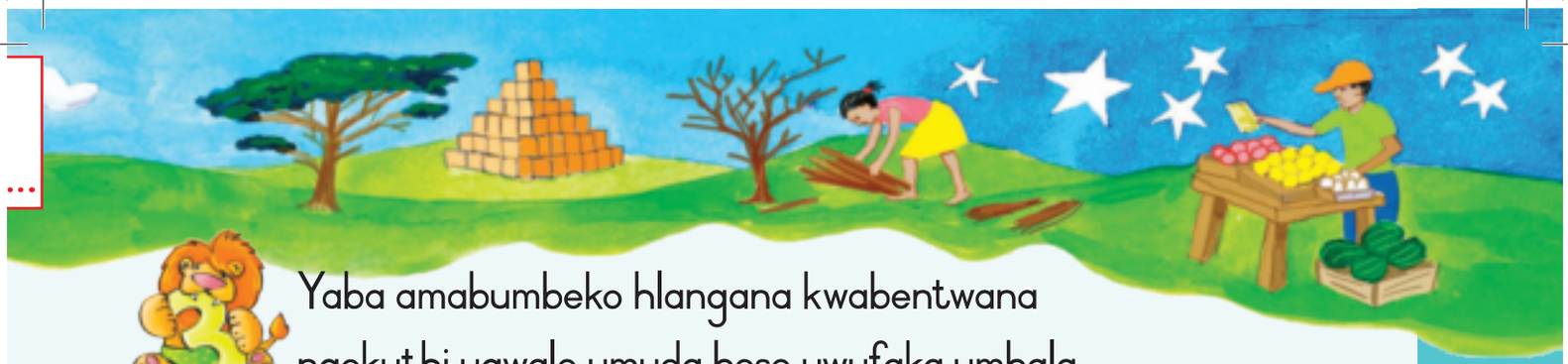
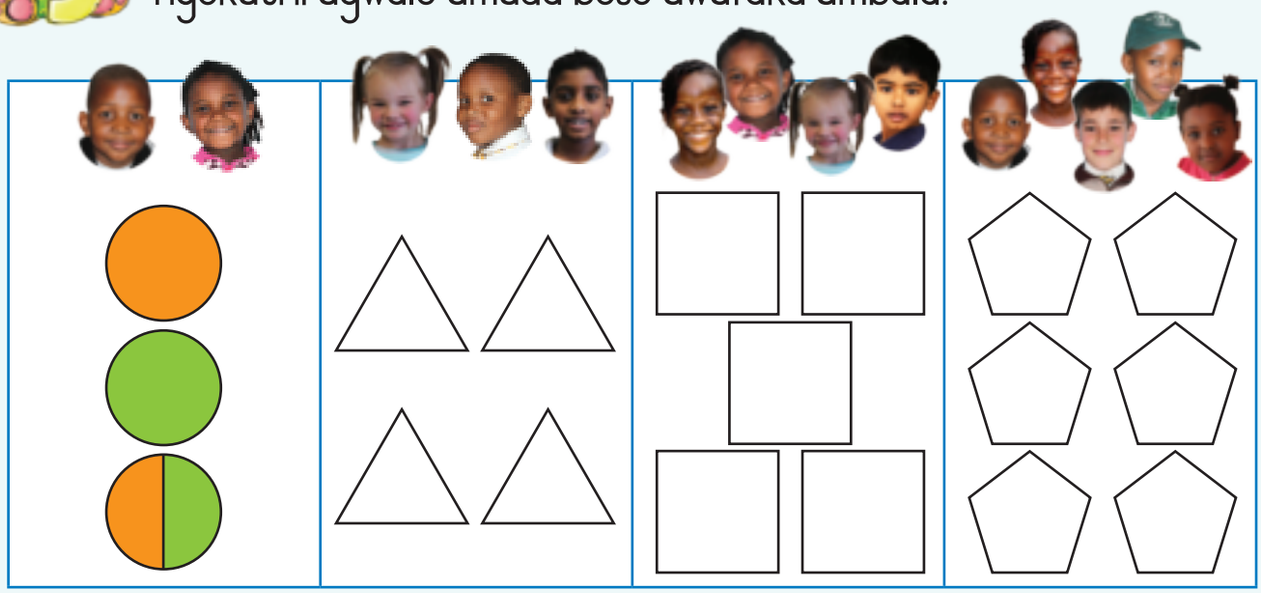


Yaba amabumbeko hlangana kwabentwana ngokuthi ugwale umuda bese uwufaka umbala.





Abangani abane babelana isiselo esineengojwana ezihlanu ngokulingana.

Omunye nomunye uzokufunyana ezingangani?

Uthini umbuzo?

_____

Zithini iinomboro?

_____

Gwala isithombe.

Abangani abasithandathu babelana isiselo esineengojwana ezili-9 ngokulingana.

Omunye nomunye uzokufunyana ezingengani?

Uthini umbuzo?

_____

Zithini iinomboro?

_____

Gwala isithombe.



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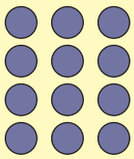
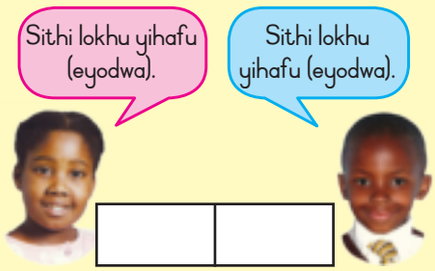
Ilanga: .....

Ukwaba okusisa emacezwini

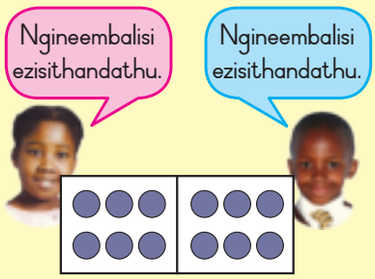
Lapha kuneembalisi ezili-12



Sibangani ababili. Sinesimumathi esisodwa esisehlukanisa ngokulingana phakathi (ngehafu).



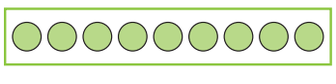
Sabelana ngeembalisi esizabelane sobabili ngokulingana.





Gwala iinthombe zalokhu okulandelako bese uphendula imibuzo.

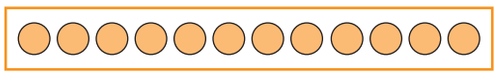
Abangani abathathu babelana amabholo amathathu.





- Omunye nomunye uzokufunyana amabholo amangaki? ☐
- Omunye nomunye uzokufunyana liphi icezu? ☐

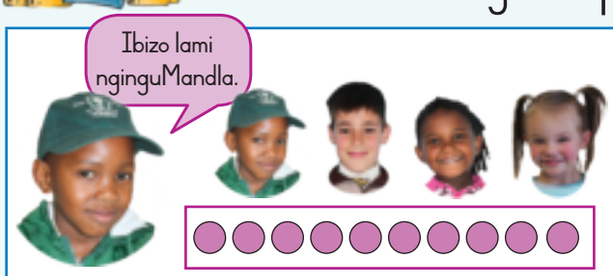
Abangani abane babelana amabholo alitjhumi nambili. abathathu babangani babesana.



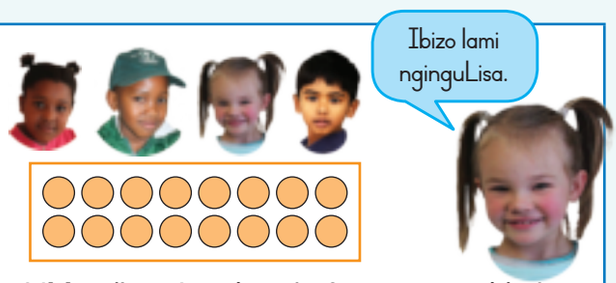
- Omunye nomunye uzokufunyana amabholo amangaki? ☐
- Umsana omunye nomunye ufunyene liphi icezu? ☐



UMandla uzokufunyana liphi icezu? ULisa uzokufunyana liphi icezu?



- UMandla noLisa bazokufunyana amabholo amangaki?



- UMandla noLisa bazokufunyana amabholo amangaki?

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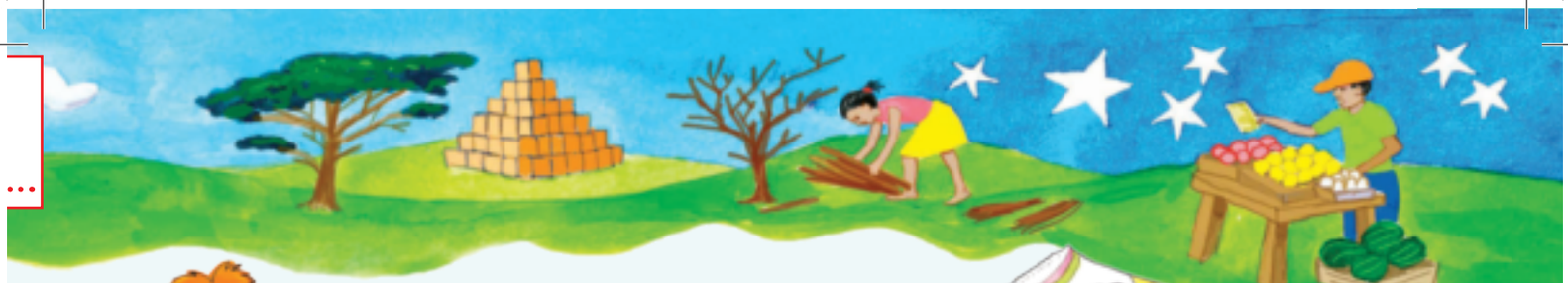



Ukwaba amaswidi.





Abangani baba amaswidi. Omunye nomunye ufunyana $\frac{1}{2}$ (ihafu) yephakethe.

a. Maphakethe amangaki abazowatlhoga ukuze bawabelane:

Abangani aba-4? _____ Abangani aba-6? _____ Abangani aba-9? _____

b. Bangani abangaki abangabelana ngamaphakethe:

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



Iinkhethe zokudansa.

Umma nogogo bathunga iinkhethe zokudansa.
Ngesikhethe esisodwa batlhoga amamitha ama-2 $\frac{1}{2}$ wetjhila.
Itjhila libiza imali ema-R6 imitha.



a. Bangathunga iinkhethe ezingangani ngetjhila elilandelako?

Itjhila elima-5 m _____ Itjhila elima-10 m _____

Itjhila elima-20 m _____ Itjhila elima-25 m _____

b. Bazokutlhoga itjhila elingangani ukuthunga iinkhethe?

Ezi-2 _____ Ezi-3 _____ Ezi-4 _____



c. Libiza malini itjhila elithunga?

Isikhethe esi-1 _____ Iinkhethe ezi-2 _____ Iinkhethe ezi-3 _____

d. Bangathunga iinkhethe ezingaki ngemali ema-

R450 _____ R825 _____ R180 _____





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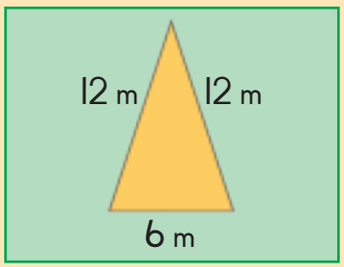
Ilanga:

Ibanga elizombako

Igama elithi ipherimitha litjho ubude nanyana ibanga elizombe into ethileko.



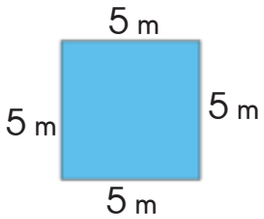
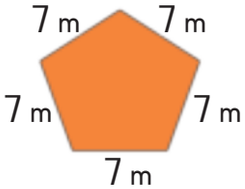
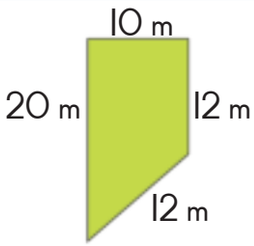
Umlimi uneplodi elingaba silinganiso sehlabathi enguncantathu.

Singafunyana ipherimitha yeplasi ngokuhlanganisa ubude bamahlangothi.

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

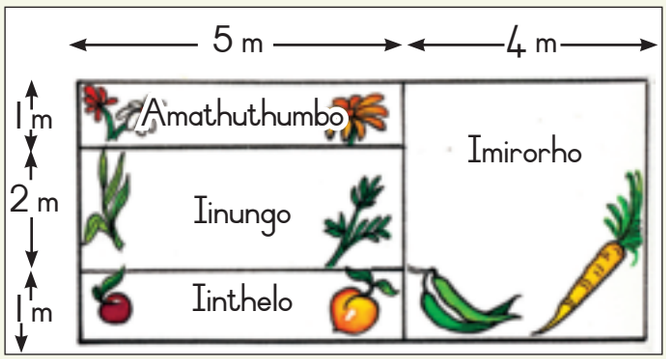


Funyana amapherimitha alandelako.



Isivande sakaVeronica.



UVeronica ugwala isithombe sesivande afuna ukusitjala.

a. Ithini ipherimitha yalapha afuna ukutjala khona iinungo? _____

b. Ngiziphi iingaba ezimbili ezinepherimitha elinganako? Ithini ipherimitha yazo?

_____ kanye _____ zinepherimitha _____ m.

c. Kumele afunyane ifensi ezokubhoda isivande soke. Ifensi ibiza ama-R50 imitha ngayinye. Izokubiza malini ifensi? _____

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Hlela isivande sakho.

Sebenzisa igridi yephepha ekuboSika 7 ukuhlela isivande sakho. Tjengisa koke lapha umede khona kanye neentjalo ongathanda kobana uzitjale.



Ukumeda iiyingi.



Sebenza nomngani wakho.

Izinto enizozitlhoga: Izinto ezi-10 eziyindulunga zobukhulu obahlukeneko. Njengepaniki, isivalo sevaselina, intambo nesikere.







1. Khetha into eyodwa esiyingi ozoyimeda ngentambo.
2. Sika isiqetjhana sentambo eyanele ukufika beyibhode into leyo.
3. Thatha intanjana leyo bese uyayelula ikhambe mazombe nesiyingi. Bala kobana ivundla kangaki.
4. Yenza okufanako ngezinye izinto eziziiyingi.
5. Tlola koke okuyelelako.

Ubude obubhoda isiyingi bubizwa ngesikhamferensi/ umzombe wesiyingi.	
Ibanga ukuvundla isiyingi libizwa ngedayamitha.	



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95a

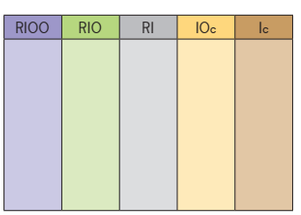
Ilanga:

Ukuthengiselana ngemali

Dlalani imidlalo nomngani wakho.

Okutlhogako:





Ibhodi yemali (kiboSika 8), iphepha kanye nepensela, amadayisi amabili, imali yokudlalisa (ekuboSika 9): imali yephepha ema-RIOO kanye nama-RIO; Imali emumuwa ema-RI, IOc kanye neziinsende (Ic).

Beka ibhodi yemali etafuleni.

Ibhodi inemikhakha emi-5 esuka ngesinceleni iye ngesidleni, inemali ema-RIOO, RIO, RI, kanye nemali eziinsende ezili-IO (IOc). Emdlalweni lo, sisebenzisa amakholomu ama-3.

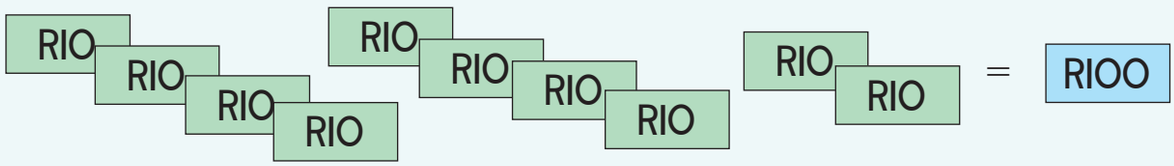


Hlanganisa bewufike e-IOO lamaranda.

1. Abadlali bayadlhegana ukuphosa idayisi. Hlanganisa iinomboro ezimbili ndawonye.
2. Thathani inani lemali eyisimbi ema-RI bese niyibeka ehlangothini lama-RI lebhodi lenu.
3. Akuthi imali ama-RI angahlangana abe litjhumi uwathengise bese ufunaya imali yephepha ema-RIO.



4. Loyo ozokuba ngewokuthoma ukubuthelela imali yamaphepha ema-RIO alitjhumi, nguye othumbileko.



5. Ukuhlawulisa: Nangabe umdlali uyaliqeda idlhego lakhe kodwana akhohlwe ukuthengisa imali yakhe yesimbi ema-RI ukufunyana imali yephepha ema-RIO, kwenzeke iphoso ayenzileko ibonwe ngomunye umdlali, ihlawulo yimali eli-RI.

   Nangabe odlalako ukhohlwa ukuthengisa imali emaphepha ali-IO wama-RIO, ukuze afunyane imali eliphepha eli-RIOO, kumele ahlawuliswe i-RIO ngomunye umdlali.



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Khupha ukusuka ku-RIOO ukufika ku-RO.

Dlalani umdlalo ofanako, thoma kwaphela ngemali eliphepha ema-RIO, bese nikhupha inani lesibalo esiphosiweko edayisini. Umdlali wokuthoma ozokufunyana u-RO nguye othumbileko.

RIOO	RIO	RI	IOc	Ic



Ukuhlanganisa nokukhupha ukufika e-RI OOO.

Ngedlhego elinye nelinye, hlanganisani inani lesibalo sedayisi bese nikhupha inomboro leyo yemali eliphepha ema-RIO. Umdlali wokuthoma ukufunyana i-RI OOO, nguye othumbileko begodu qobe lidlhego bese niyakhupha. Umdlali wokuthoma ukufunyana u-RO, nguye othumbileko.



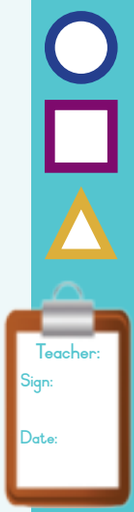
Ukuhlanganisa ukufika e-RI.

Dlalani njengalokha enidlala umdlalo wokuthoma, ngaphandle kwalokha nawuphosa idayisi bewuthoma inani, thatha inani ledayisi ngeensende. Nawuneensende (Ic) zitjhentjhe zibe botjheleni (IOc). Wokuthoma ozokutjhentjha abotjheleni abalitjhumi ukwenza i-RI, nguye othumbileko.



Khupha iinsende.

Thoma nge-RI, bese ukhupha emdlalini ngamunye. Wokuthoma umdlali ukufunyana iinsende ezili-O, nguye othumbileko.



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95b

Ilanga: .....

Asiye eentolo!

Ithemu 3



Iingwani ziyathengiswa.

Isitolo sithengisa iingwani ngamanani ama-5 ahlukahlukeneko.





							Inani
Ingwani a 	R20	R20	R20	R20	R20	R20	RI20
Ingwani b 	R25	R25	R25	R25	R25	R25	
Ingwani c 	R50	R50	R50	R50	R50	R50	
Ingwani d 	R75	R75	R75	R75	R75	R75	
Ingwani e 	RIOO	RIOO	RIOO	RIOO	RIOO	RIOO	

a. Funyana inani lengwani emudeni ngamunye.

b. UKkz. Zondo uthenga omunye umhlobo wengwani.

Sezizoke iingwani, uzokubhadela malini? _____

Hlolisisa!
Madanisa!
Lungisa!

c. UButi usebenzisa imali ema-R450 seyiyoke. Uthenga ingwani eyodwa nge-RIOO.

Ngiziphi ezinye iingwani azithengako? Tjengisa iimpendulo ezimbili ekungaba ngizo.

Ipendulo I	Ipendulo 2



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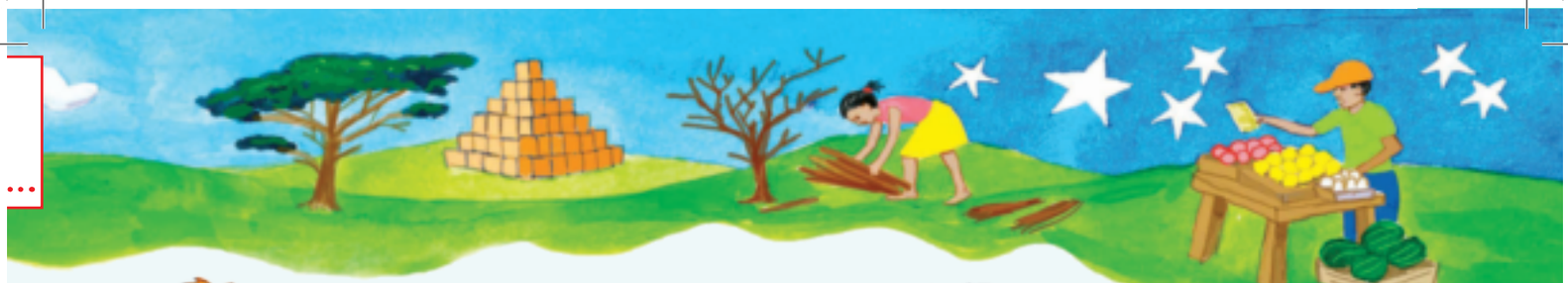



Ebhageni

UMusa usebenzisa iresephi yakhe yokubhaga i-sponge cake.



Iresephi ye-Sponge cake

Ikhekhe eli-1: 40 g yeflowuru i-self-raising; Amaqanda ama-3; i-50 g yetjhukela yoku-ayisa
Ukuzesa: uzokutlhoga ikhrimu ema-140 ml

a. UMusa utlhoga ihlanganisela engangani nakubhaga amakhekhana asi-6.
Sebenza ipendulo yakho.

Ikhekhe	Iflowuru	Amaqanda	Yetjhukela yoku-ayisa	Ikhrimu
1	40 g	3	50 g	140 ml
2				
3				
4				
5				
6				

b. Thika (✓) ipendulo enembako.

Ilitha eyo-1 yekhrimu ingazalisa pheze: amakhekhe ali-10; amakhekhe ali-7; amakhekhe abu-8.





Isibalo sokubala msinya.

Hlolisisa!
Madanisa!
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 =

Teacher:
Sign:
Date:

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96

Ilanga:

Eminye imininingwana



Esitetjhini samapholisa.

Amapholisa amahlanu enza imisebenzi eyahlukeneko. Akuphi njenganje amapholisa?

	Usedeskini	Uyapatrola	Usekhotho
USerufe			×
UMaria	×		
USam	×		
U-Amos		×	
UDudu			×

Tlola amabizo walawo:

Asedeskini? _____

Apatrolako? _____

Asekhotho? _____



Ilanga lokutjalwa kwemithi.



Iinkolo ezihlanu ziphalisana ngokuthi ngisiphi esizokutjala imithi eminengi ngelanga le-Arbor Day.

 = 10 Imithi

eKlipspruit	
eMthonjeni	
eSonskyn	
eThuthong	
eMosiba	

Isikolo ngasinye sitjala imithi emingaki.

IKlipspruit	EMthonjeni	ISonskyn	IThutong	IMosiba

Isikolo satjala imithi emingaki seyiyoke? _____



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Mhlobo bani walokho ekufulelwe ngakho?

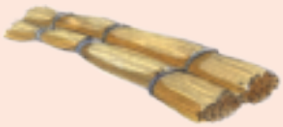
Abafundi bakaGreyidi 3 bayarhubhulula endaweni abahlala kiyo.

Bafuna ukuthola imihlobo eyahlukeneko yalokho abantu abafulele ngayo.

Batjengisa imiphumela yabo ebhlogweni leli.

Batlola ithiki eyodwa (✓) endlini ngayinye abayibonako.









Ngamathayili	✓	✓	✓	✓	✓	✓					
Ngotjani	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ngekhuni	✓	✓	✓	✓	✓	✓	✓	✓			
Ngamasenge	✓	✓	✓	✓	✓	✓	✓	✓	✓		

Mafulelo amangaki sele awoke neniwabalako? Ubukhulu beengwani

Ngamathayili _____ Ngotjani _____ Ngekhuni _____ Ngamasenge _____

Ngiwaphi amafulelo asetjenziswa khulu endaweni le? _____

Mafulelo amangaki sele awoke neniwabalako? _____

Ubukhulu beengwani.

Abesana esikolweni esibizwa ngokuthi kuseJuma, bambatha iinkepisi zesikolo.

Iinkepisi lezo ziza ngobukhulu obulandelako: u-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 kobana bafundi abangaki abembatha ubukhulu ngabunye.

2 _____ 3 _____ 4 _____

Ngibuphi ubukhulu obuvamileko? _____

Hlolisisa!
Madanisa!
Lungisa!

Teacher:
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Date:

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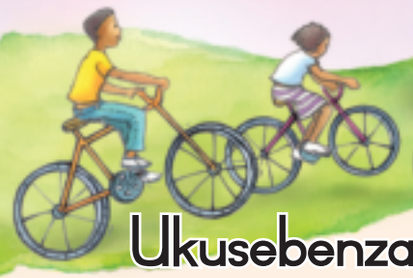
97

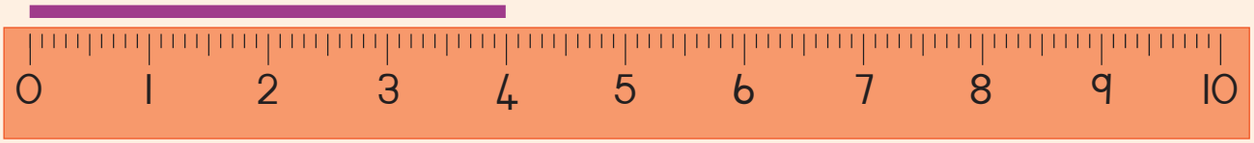
Ilanga:

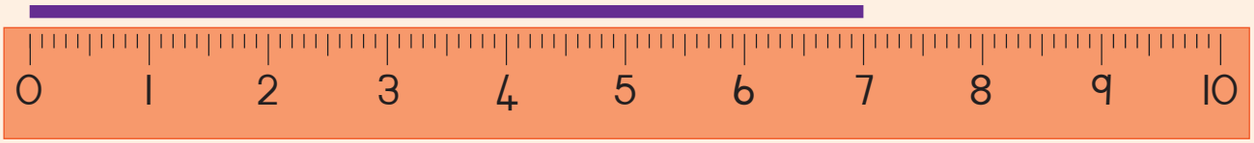


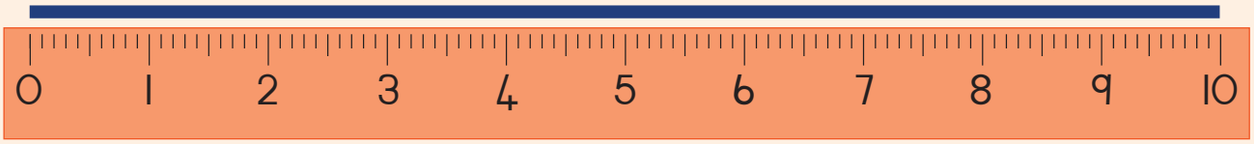
Ukusebenza ngamasenthimitha



Umuda onombala mude kangangani?









Kokuthoma linganisa imida bese ugcina ngokuyimeda.
Qedelela itheyibula.

Umuda	Ukulinganisa	Ukumeda	Umehluko hlangana kokulinganisa kanye nokumeda.



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Sebenzisa irula ukuthala imida elandelako.

a. 10 cm

b. 7 cm

c. 15 cm

Yitjho kobana ungasebezisa amamitha nanyana amasenthimitha ukulinganisa.

a. Ubude bencwadi _____

b. Ubude bomnyango _____

c. Ubude bepensela _____

d. Ubude bakho _____

e. Ubude bomuno wakho _____

Khumbula amagama arhunyeziweko esiwasebenzisa ukutlola amasenthimitha (cm) namamitha (m).

Phakathi komnyaka usebenzise iimpensela zakho ezilitjhumi zokukhalara. Ubude bepensela ngayinye bebu-15 cm ngaphambili kokuthi uzisebenzise.

Ngemuva kokuzisebenzisa ubude bepensela ebovu bobulingana ama-7 cm, ehlazakwesibhakabhaka ama-5 cm, ehlazakotjani ama-6 cm, esarulani ama-11 cm, ephephuli ama-12 cm, e-orenji ama-9 cm, ebhraweni ama-14 cm, enzima ama-8 cm, epinki ama-13 cm kunye nemhlophe ama-15 cm



a. Ngiyiphi ipensela oyisebenzise khulu? _____

b. Ngiyiphi ipensela oyisebenzise kancani? _____

c. Tlola ubude beempensela zakho kusukela kefitjhani ukuya kede _____

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98

Ilanga: .....

Iinomboro 700 ukufika ku-800



Bala bese uyatlola.

a. Bala ukusuka ku-700 – 800.
Phimisa iinomboro nawulokhu ubala.



700

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

b. Tlola iinomboro ezitlhayelako egridini engehla.

c. Tlola iinomboro ezili-10 eziza ngemva kwaka-750.

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

d. Tlola iinomboro ezilandelako ezibu-8 zibe yiphetheni yabo-2.

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

e. Tlola zoke iinomboro zibe ngephetheni yabo-2 kusuka ku-751 kufika ku-773

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

f. Tlola iinomboro ezilandelako ezibu-8 zibe yiphetheni yabo-5.

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

1 2 3 4 5 6 7 8 9 10

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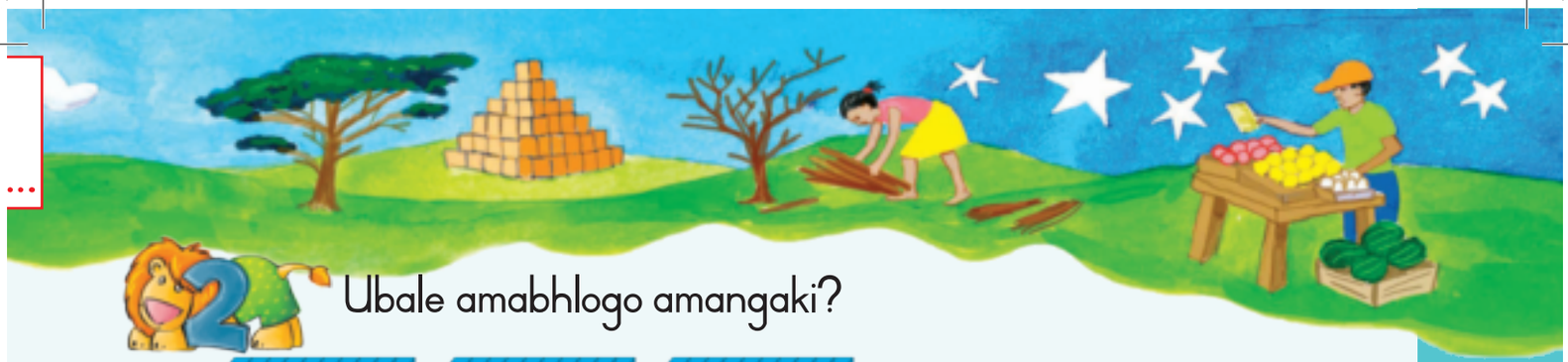
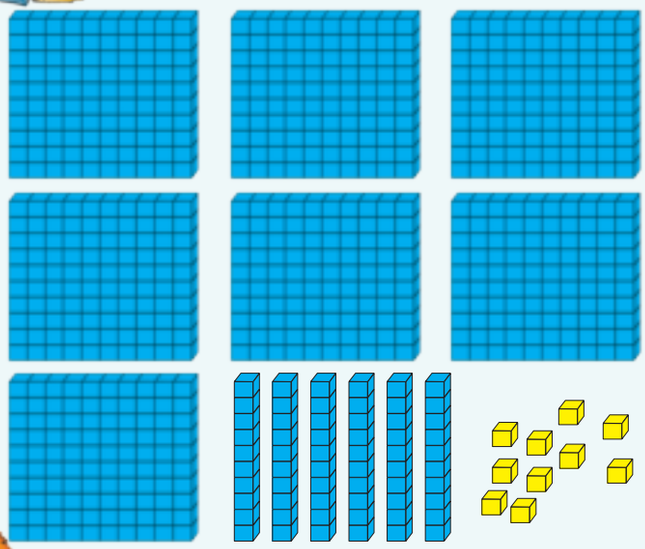


2 Ubale amabhlogo amangaki?



Uwabale njani amabhlogo?

3 Qedelela amanambalayini.

750			753				757		759	
							789	788	787	
					753	756	759			

4 Qedelela itheyibula.

	Tlola ukusuka kencani khulu uye kekulu khulu	Tlola ukusuka kekulu khulu uye kencani khulu
776, 772, 779, 770, 778		
736, 703, 730, 713, 703		

5 Tlola iinomboro ezilandelako ngamagama.

788	

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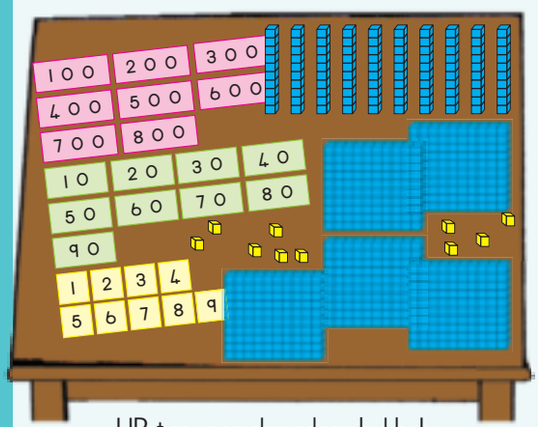
99

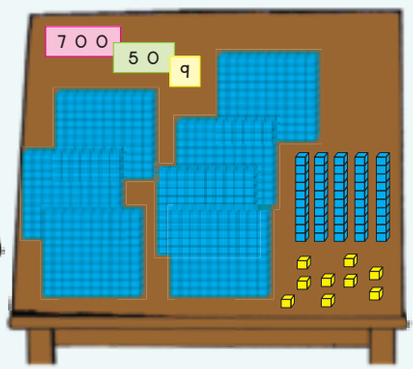
Ilanga: .....

Ezinye iinomboro kusuka ku-700 kufika ku-800

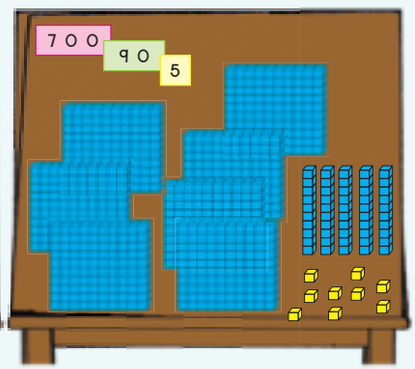


UPeter unamakarada wobukhulu bedijidi kanye namabhlogo wamatjhumi asisekelo.

Utitjhere ubawe uPeter ukutjengisa inomboro 759 ngamakarada wakhe kanye nangamabhlogo.

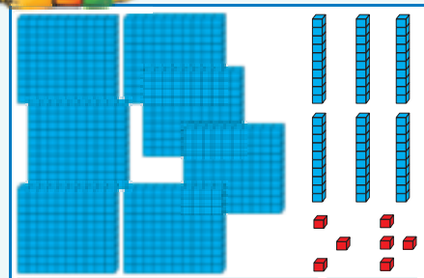
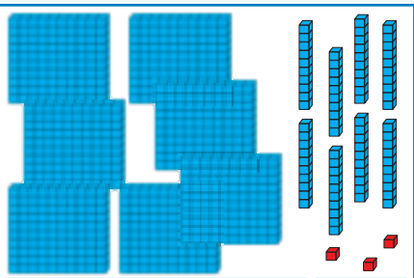
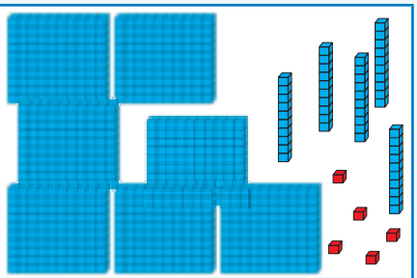


Ngilokhu okutjengiswe nguBen. Ngikuphi okungakalungi akwenzileko?





Tlola umutjho weenomboro bese uyaphendula.

		
700 + 60 + 7 = 767		



Tlola umutjho weenomboro bese uyaphendula.

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

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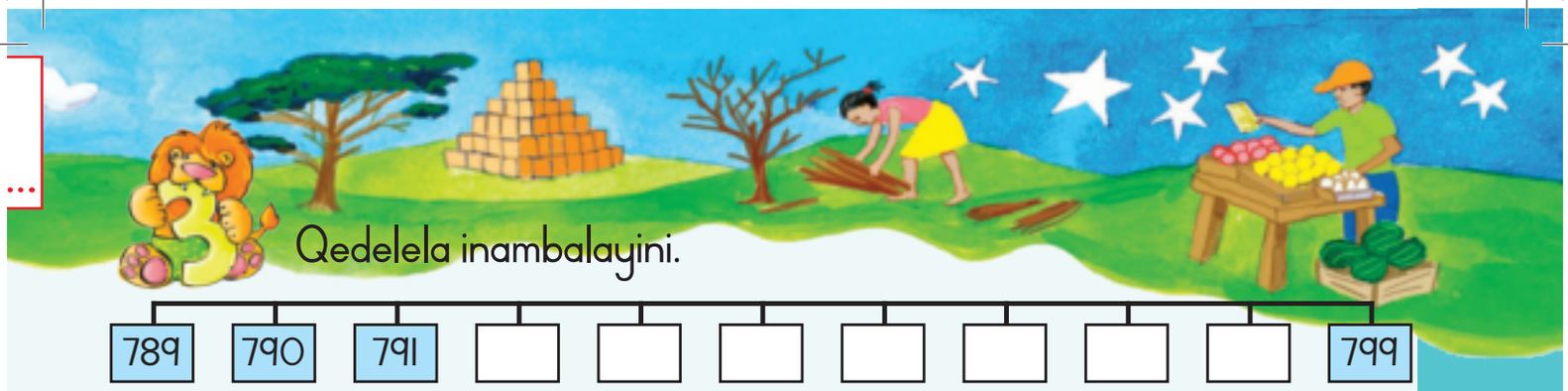

3 Qedelela inambalayini.

789	790	791								799

Nikela zoke iinomboro ezincani khulu kunenomboro 795 _____

Nikela zoke iinomboro ezikulu khulu kunenomboro 795. _____

4 Tlola itshwayo < nanyana > =

a. 799 _____ 766 b. 745 _____ 750

c. 700 + 90 + 7 _____ 767

5 Hlephula kghedlha inomboro yakho.

a. Yakha enye nenye inomboro ngamakarada wakho.

b. Tlola ubungako benye nenye idijidi. Kwanje yenza lokhu: Yihlephule nanyana uyikghedlhe inomboro yakho.

790	
689	
699	
755	
690	

Isibonelo: 799

7 0 0

9 0

9

7 9 9

799 700 + 90 + 9

6 Tlola amabizo weenomboro.

668	
757	
799	
742	
691	

Teacher:

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100

Ilanga:

Iinomboro 800 kufika ku-900

Ithemu 4



Bala bewutlole!

a. Bala ukusuka ku-800 – 900.
Phimisa iinomboro nawulokhu ubala.



800

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

b. Tlola iinomboro ezitlhayelako egridini engehla.

c. Tlola iinomboro ezili-10 eziza ngemva kwaka-800.

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

d. Tlola iinomboro ezibu-8 ezilandelako ngephetheni yangaku-2.

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

e. Tlola zoke iinomboro ngephetheni yangaku-2 ukusuka ku-807 ukufika ku-829.

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

f. Tlola iinomboro ezibu-8 ezilandelako ngephetheni yangaku-5.

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



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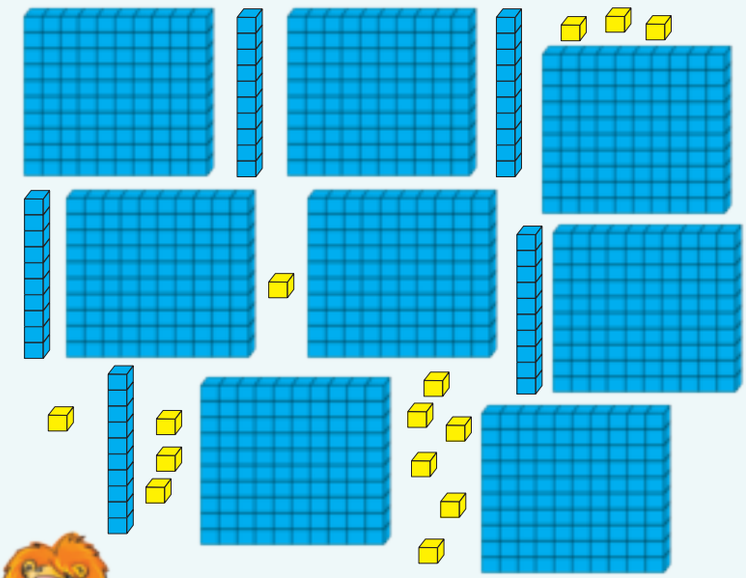
2 Ubale amabhlogo amangaki?



Ubale amabhlogo amangaki?

3 Qedelela amanambalayini.

830			833				837	838		
							876	881	886	
					843	846	849			

4 Qedelela itheyibula.

	Tlola ukusuka kencani khulu uye kekulu khulu	Tlola ukusuka kekulu khulu uye kencani khulu
856, 853, 855, 851, 857		
898, 801, 810, 819, 891		

5 Tlola iinomboro ezilandelako ngamagama.

845	

Teacher:
Sign:
Date:

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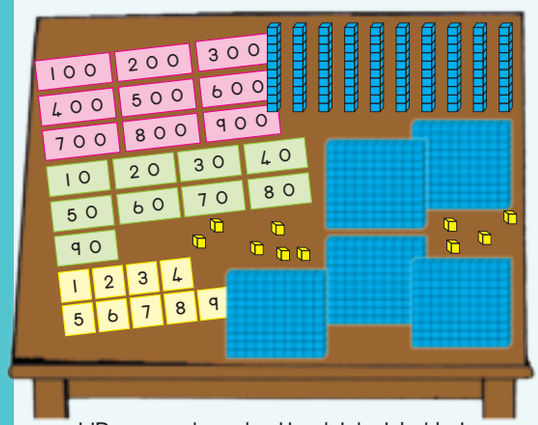
101

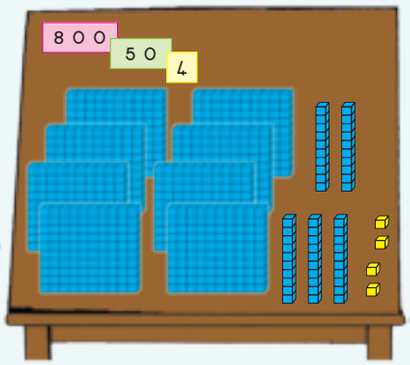
Ilanga: .....

Ezinye iinomboro kusuka ku-800 kufika ku-900

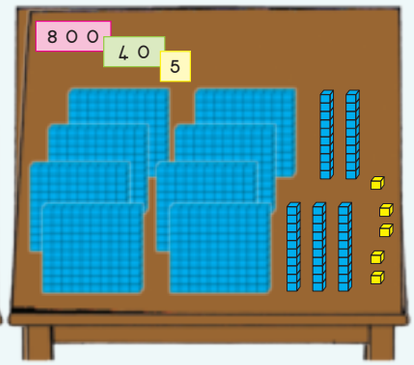


UPeter unekarada elilandelako lobukhulu bedijidi kanye namabhlogo wamatjhumi asisekelo.

Utitjhere ubawe uPeter ukutjengisa u-854 ngekarada lakhe kanye namabhlogo.

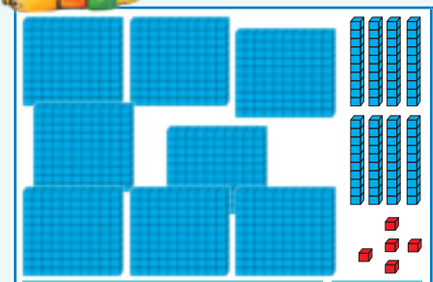


UBen utjengise lokhu. Ngikuphi akwenzileko okungakalungi?





Tlola umutjho weenomboro bese kulandele ipendulo yakho.



800 + 80 + 5 =	885		



Tlola umutjho weenomboro kanye nependulo yakho.

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

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3 Qedelela inambalayini.

889	890	891									900

Tlola zoke iinomboro ezincani kunenomboro 894. _____

Tlola zoke iinomboro ezikulu kunenomboro 894. _____

4 Tlola itshwayo < nanyana > =

a. 899 _____ 898 b. 802 _____ 820

c. 900 + 70 + 5 _____ 785

5 Hlephula kghedlha inomboro yakho.

a. Yakha enye nenye inomboro ngamakarada wakho.

b. Tlola ubungako benye nenye idijidi. Kwanje yenza lokhu: Yihlephule nanyana uyikghedlhe inomboro yakho.

890	
889	
802	
855	
840	

Isibonelo: 876

8 0 0

7 0

6

8 7 6

876	800 + 70 + 6

6 Tlola ngamagama.

889	
825	
803	
830	
899	

Teacher:

Sign:

Date:

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102a

Ilanga:

Ukukala/Ukumeda izinto

Qala iinthombe ezilandelako bese uphendula imibuzo.



a. Ingabe isibha sepuyere esiyi-1 kg silula nanyana sibudisi khulu kunesibha sepuyere esiyi-2 kg?

b. Ngikuphi okulula khulu: Ukudla okumakaritjha okungebhoksini elinobudisi obuma-500 g nanyana iphakethe yamabhiskiti ema-200 g?

c. Ngikuphi okubudisi khulu: Isizeso sesikhumba esima-100 g nanyana iphakethe eyi-1 kg yesitampa?

Sisoke sikala ubudisi obungangani?

Ngikala 25 kg, umngani wami ukala 29 kg bese kuthi umnakwethu akale 45 kg.

Imikhiqizo sele iyoke ikala kangangani?

Umkhiqizo wokuthoma ukala 1 kg 500 g, umkhiqizo wesibili ukala 3 kg 500 g kuthi wokugcina ukale 2 kg 500 g.

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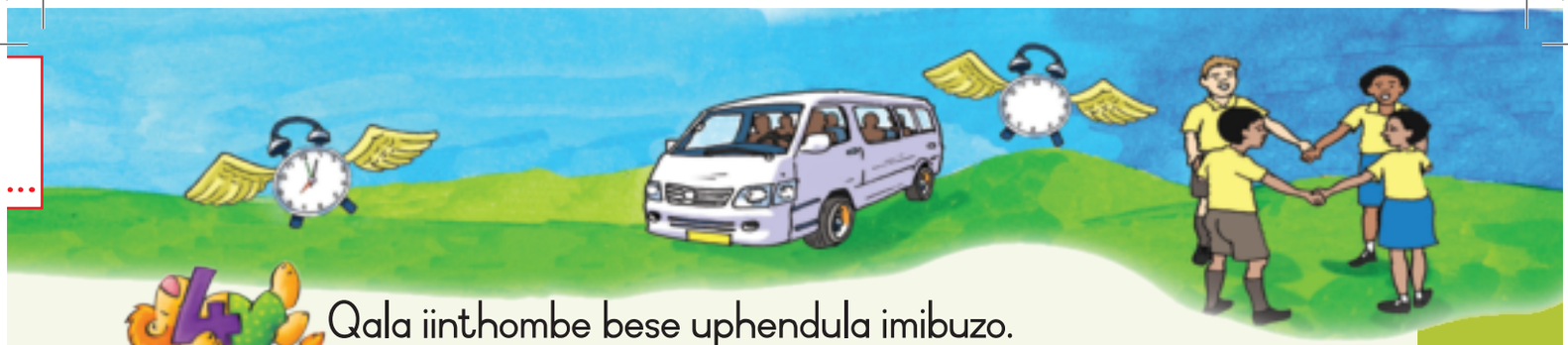

4 Qala iinthombe bese uphendula imibuzo.



Ngingatlola njani ama-3,5 kg ngamakhilogramu nanyana ngamagramu?

5 Qedelela itheyibula.

Utitjhere wenu uzoninikela izinto ezihlanu ekuzokumele niziqale. Linganisa ubudisi bese niyazimeda.

Into	Ukulinganisa	Ukumeda	Umehluko hlangana kokulinganisa nokumeda

6 Imikhiqizo ikala kangangani?

Into Umkhiqizo wokuthoma ukala 2 kg 500 g, umkhiqizo wesibili ukala 1 kg 500 g kuthi wokugcina ukale 3 kg 500 g.

Teacher:
Sign:
Date:

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102b

Ilanga: .....

Asikale okhunye godu

Imasi kulokha nasilinganisa kobana kunento engangani nanyana into ingangani. Into nayibabudisi khulu, kutjho kobana iqina khulu begodu akubi lula ukuyiguga.

Ubudisi kulokha nakukalwa amandla wegravithi, okumamandla adosela izinto phasi. Amandla adosela izinto phasi mancani khulu enyangeni, okutjho kobana izinto zikala kancani khulu phezulu.

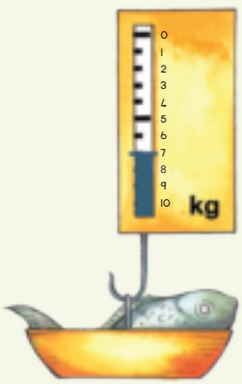
Ephasini sisebenzisa ngamalanga iinlinganiso ezifanako kumasi nanyana ebudisini.
Simeda/Silinganisa imasi ngamakhilogremu kanye namagremu.

Iinlinganiso/Iinkala ezahlukeneko

Sisebenzisa iinkala/iinlinganiso ezahlukeneko ukumeda nanyana ukulinganisa imasi kanye nobudisi. Silinganisa imasi ngokubhalansa kanye nobudisi ngesikala sesipringhi.

Ilitha yamanzi inemasi eli-1 kg.



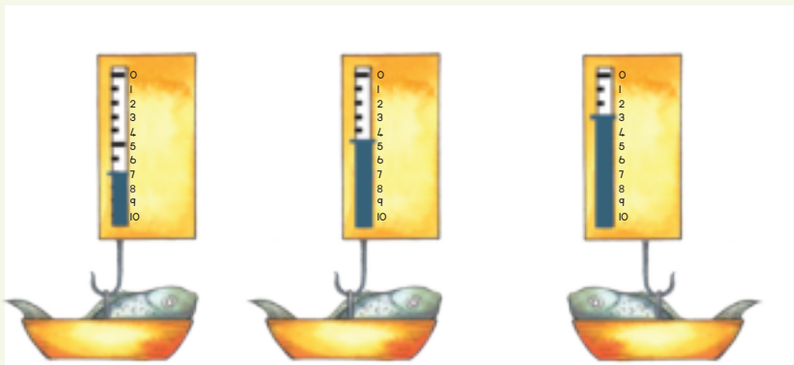


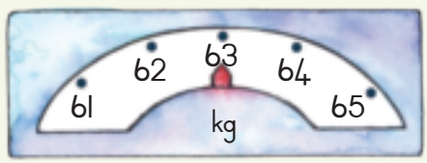
Ihlambi inobudisi obuma-3 kg.

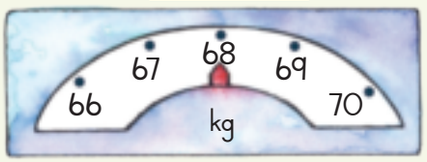


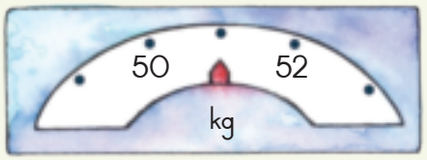
Funyana ubudisi babo.

Tlola ubudisi ngamakhilogremu atjengiswe kesinye nesinye isikala sesipringhi ezilandelako.









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Sisebenzisa amagremu ukumeda imasi yezinto ezincani nanyana ezilula kanye nokumeda amacezu wamakhilogremu.

1 000 g = 1 kg

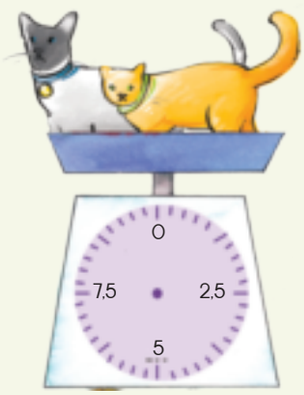
Esikaleni sesipringhi lesi, omunye nomunye umuda omncani unobudisi bamagremu ali-10. Amatamati akala amagremu ama-320.



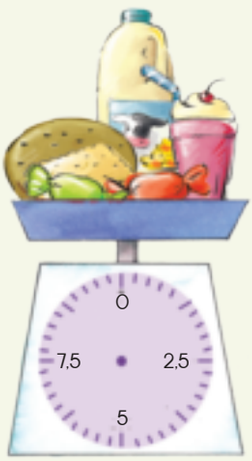


Lokhu kukala kangangani?

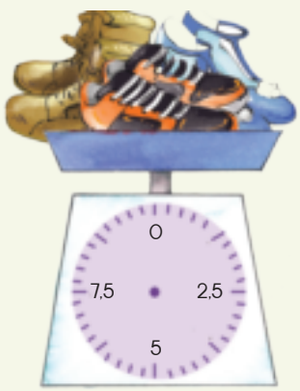
Njalo gwala umkhonto wesikala ngapho okufanele uye ngakhona.



7 kg



4 kg



6 kg



Yenza ikhilogremu.

Hlanganisa ukwenza 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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Sign:
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Ilanga:

Iinomboro 900 kufika ku-1 000

Ithemu 4



Bala bese uyatlola.

a. Bala ukusuka ku-900 – 1 000.
Phimisa iinomboro nawulokhu ubala.



900

901		903							910
								919	
		943					948		
981									
991								999	

b. Tlola iinomboro ezitlhayelako egridini engehla.

c. Tlola iinomboro ezili-10 eziza ngemva kwaka-900.

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

d. Tlola iinomboro ezilandelako ezibu-8 ngephetheni yangaku-2.

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

e. Tlola zoke iinomboro ngephetheni yangaku-2 ukusuka ku-945 ukufika ku-967.

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

f. Tlola iinomboro ezilandelako ezibu-8 ngephetheni yangaku-5.

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



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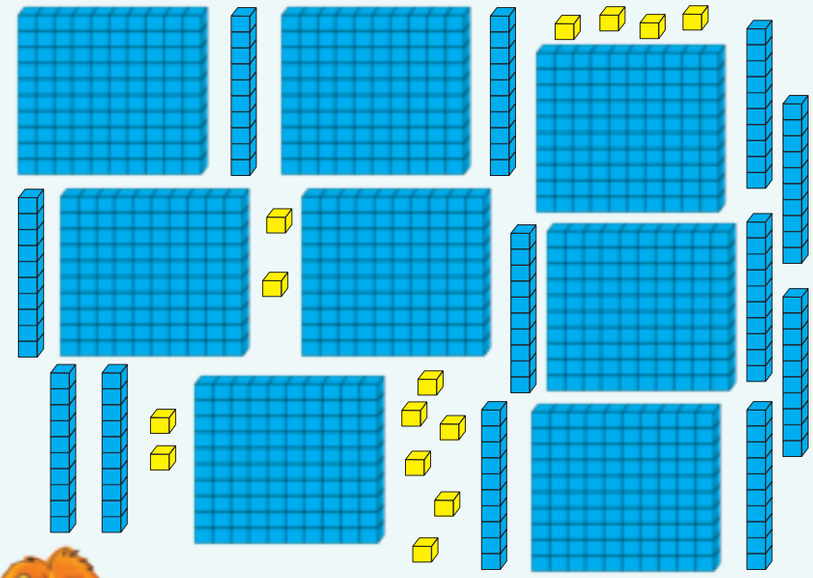
2 Ubale amabhlogo amangaki?



Uwabale njani amabhlogo?

3 Qedelela amanambalayini.

950			953				957	958		
							956	961	966	
					903	906	909			

4 Qedelela itheyibula.

	Tlola ukusuka kencani khulu kuye kekulu khulu	Tlola ukusuka kekulu khulu uye kencani khulu
936, 933, 935, 931, 937		
978, 907, 970, 917, 971		

5 Tlola okulandelako ngamagama.

695	

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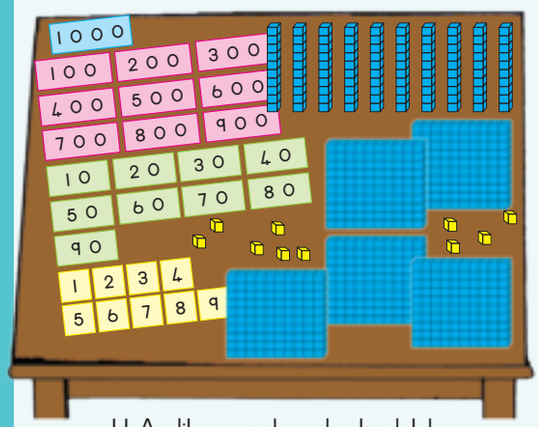
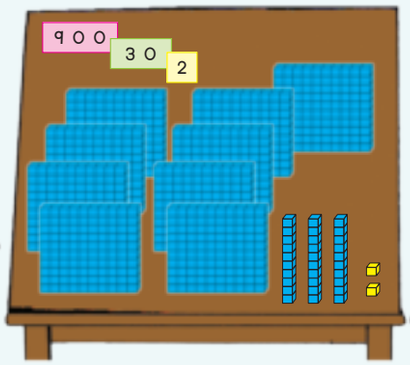
104 Ezinye iinomboro kusuka ku-900 kufika ku-1 000

Ilanga: .....

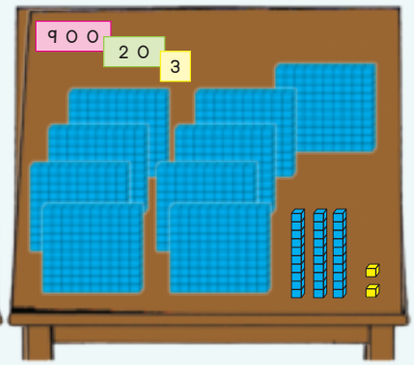


U-Andile unamakarada alandelako wobukhulu bedijidi kanye namabhlogo wamatjhumi asisekelo.

Utitjhere ubuza u-Andile kobana atjengise inomboro 932 ngamakarada wakhe kanye namabhlogo.

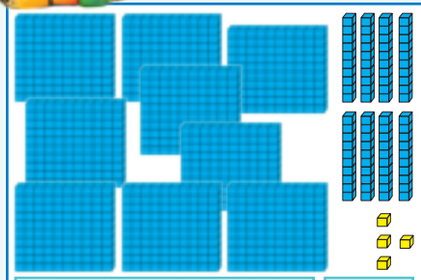
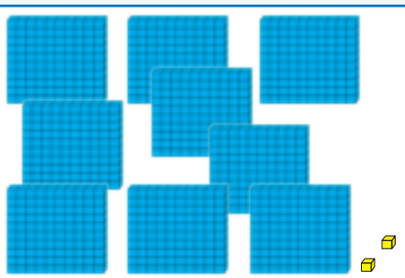
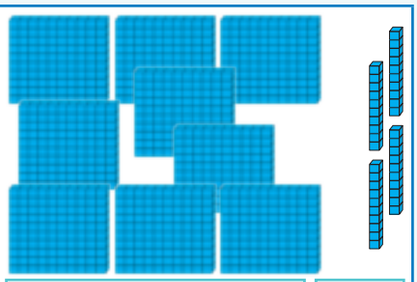


Lokhu ngokutjengiswe nguGugu. Ngikuphi okungakalungi akwenzileko?





Tlola umutjho weenomboro bese utlola ipendulo.

		
900 + 80 + 4 = 984		



Tlola umutjho weenomboro bese utlola ipendulo.

9 0 0 9 0 9	9 0 0 2 0	9 0 0 8
900 + 90 + 9 =		



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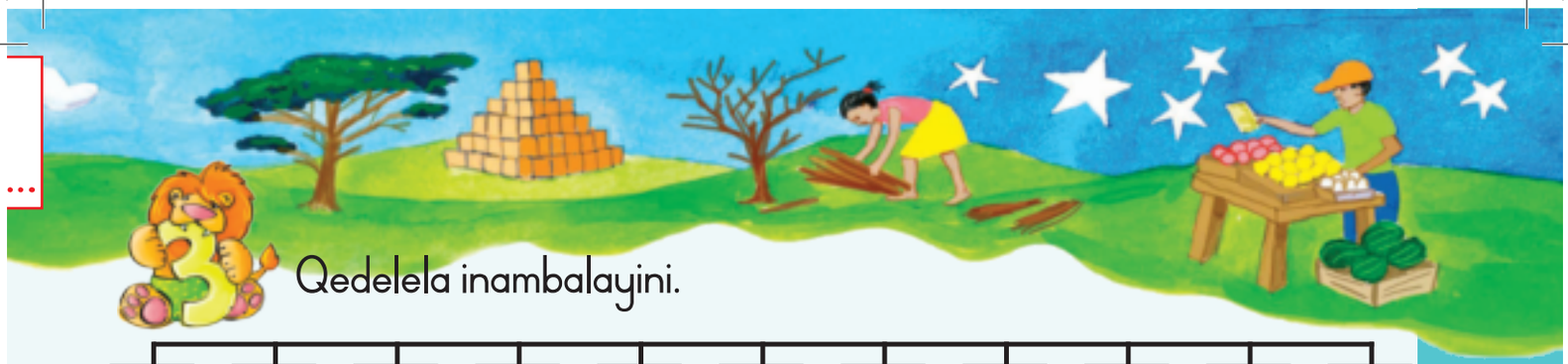

3 Qedelela inambalayini.

989	990	991								999

Nikela zoke iinomboro ezincani kune-995. _____

Nikela zoke iinomboro ezikulu kune-995. _____

4 Qedelela ngetshwayo < nanyana > =.

a. 999 _____ 998 b. 957 _____ 975

c. 900 + 60 + 1 _____ 961

5 Hlephula kghedlha inomboro yakho.

a. Yakha enye nenye inomboro ngamakarada wakho.

b. Tlola ubungako bedijidi. Kwanje yenza lokhu: Kghedlha/Hlephula inomboro yakho.

922	
959	
980	
907	
931	

Isibonelo: 984

900

80

4

984 900 + 80 + 4

6 Tlola amabizo weenomboro.

976	
905	
950	
821	
909	

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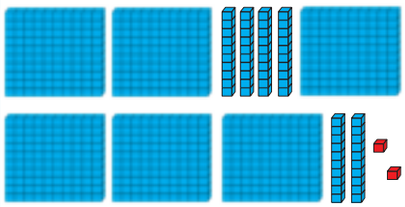
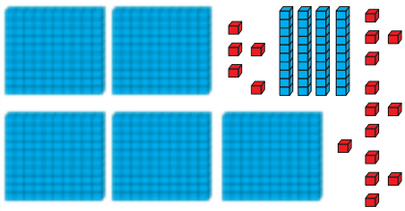
Ukuhlanganisa nokukhupha kufika ku-999

Ilanga: .....



Tlola umutjho weenomboro kilokhu okulandelako.

	Hlathulula kobana uwabale njani amabhlogo? _____
	Hlathulula kobana uwabale njani amabhlogo? _____



Sebenzisa isibonelo ukuze sikuhlahle.

5 0 5 0 U-50 nakabuyelelwe kabili ipendulo li-100.	3 0 0 3 0 0 ____
2 0 0 2 0 0 ____	3 3 ____



Sebenzisa pheze okubuyelelwe kabili ukurarulula okulandelako.
Sebenzisa isibonelo ukuze sikuhlahle.

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



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4 Sebenzisa okubuyelelwe kabili nanyana okuseduze kokubuyelelwe kabili ukurarulula okulandelako. Sebenzisa isibonelo ukuze sikuhlahle.

a. Inomboro ema-340 nayibuyelelwe kabili
= 340 + 340
= Buyelela kabili 340
= 300 + 300 + 40 + 40
= 600 + 80
= 680

b. 340 + 341
= Buyelela kabili 340 + 1
= 300 + 300 + 40 + 40 + 1
= 600 + 80 + 1
= 681

c. 470 + 470

d. 461 + 462

5 Rarulula okulandelako:



Abafundi bamaGreyidi 2 babuthelele amamabula ama-360.

Abafundi bakaGreyidi 3 babuthelele amamabula alinani eliphasi kunabafundi bamaGreyidi 2, babuthelele amamabula ama-216.

Abafundi bakaGreyidi 3 banamamabula amangaki?

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Ilanga:

Kwangendlini



Ilanga lokubhaga.

Ukghari uPhindi ubhaga uburotho nge-ovenini yakhe.
Tjengisa isikhathi emawatjhini alandelako.



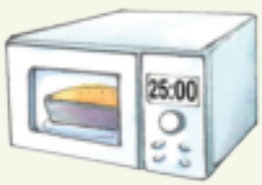


Ukhupha uburotho lokha imizuzu imihlanu ngemva kwe-iri lesihlanu.

Ukhupha uburotho nge-ovenini lokha imizuzu imihlanu ngemva kwe-iri lesihlanu.

Uburotho buthatha isikhathi esingangani ukuvuthwa? _____

Unina laka-Ann usebenzisa imakhro-oveni. I-oveni isebenza msinya khulu.



Kwanje isikhathi sithi 16:30. Qala isikhathi sokupheka esibekwe ewatjhini yemakhro-oveni.

Uburotho buzokulunga ngemva kwesikhathi esingangani? _____

Imakhro-oveni imsinya kangangani kune-oveni? Imsinya ngemizuzu _____.



Umsebenzi wekuseni.





NgoMgqibelo ekuseni uMusa noPalesa basiza unina ngomsebenzi wangendlini. Ingabe omunye nomunye uthatha isikhathi esingangani ngomsebenzi awenzako?

	Ukuthoma	Ukuqeda	Kuthatha isikhathi esingangani?
Isidlo sekuseni	6:15	6:40	
Ukuhlanza izitja	7:20	8:05	
Ukuhlwengisa ikhwitjhi	8:20	9:15	
Ukuhlwengisa indlwana yokuhlambela	10:00	10:25	
Ukuhlwengisa amakamero	11:30	12:15	

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Ukuthelelela isivande.

Iphayiphi lokuthelelela lingasebenzisa amalitha ama-30 ngomzuzu munye!



Malitha amangaki wamanzi angasetjenziswa liphayiphi:

Emizuzwini emi-2, amalitha _____.

Emizuzwini emi-2 $\frac{1}{2}$, amalitha _____.

Emizuzwini emi-5, amalitha _____.

Emizuzwini eli-10, amalitha _____.

Ukupheka isitjulo.

Uyise lakaBabu uthengisa isitjulu. Ngeveke eyodwa usebenzisa amafutha wokupheka ama-750 ml.

Utlola phasi kobana usebenzisa amafutha wokupheka angangani ngelanga.

NgoMvulo	NgeLesibili	NgeLesithathu	NgeLesine	NgeLesihlanu	NgoMgqibelo	NgoSondo
98 ml	122 ml	108 ml	117 ml	109 ml	135 ml	?

a. Usebenzisa amamililitha (ml) amangaki we-oli kusukela ngoMvulo kufikela ngoMgqibelo?

_____ ml

b. Usebenzisa amamililitha (ml) amangaki we-oli ngoSondo? _____ ml

c. Ibhodlelo elilodwa lesilinganiso sa-750 samamililitha (ml) libiza ama-R18,50.

Amabhodlelo ama-4 abiza malini? _____.



Hlolisisa!
Madanisa!
Lungisa!

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Ilanga:

Ukusebenza ngemali



Bala imali yesimbi/emumuwa kanye neyamaphepha.

10 ×  = R1	20 ×  = R_____	50 ×  = R_____
10 ×  = R_____	20 ×  = R_____	50 ×  = R_____
10 ×  = R_____	20 ×  = R_____	50 ×  = R_____
10 ×  = R_____	20 ×  = R_____	50 ×  = R_____
10 ×  = R_____	20 ×  = R_____	50 ×  = R_____

100 ×  = R_____	100 ×  = R_____	100 ×  = R____
100 ×  = R_____	100 ×  = R_____	



Ikhambo ngesitimela.



UKgethi nabentwana bakhe aba-3 bakhamba ngesitimela.
Abantu abadala kanye nabentwana babhadela ngokufana.
UKgethi ubhadela ngemali yamaphepha elandelako.





Ufunyana itjhentjhi ema-R30.

Ithikithi ngalinye libiza malini? Thika (✓) ipendulo enembako.

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

Hlolisisa!
Madanisa!
Lungisa!

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Isiphaza sakaSandile.

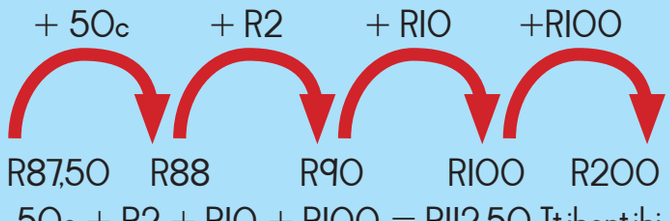
USandile ugcina amarikhotho wemali ayirholako etheyibuleni.
Kokuthoma uyalinganisa bese uyabalisisa ingeniso yakhe yaqobe ngelanga.
Ingeniso yimali esiyirholako nanyana esiyifunyanako. Siza uSandile ukuqedelela ukubalisisa kwakhe. Tlola iimpendulo zakho ngetheyibuleni:

		Ukulinganisa	Inani
NgoMvulo	R50 + R75 + R200 + R350 + R25		
NgeLesibili	R25 + RI75 + R50 + R320 + R90		
NgeLesithathu	R50 + R75 + R200 + R350 + R25		
NgeLesine	RI20 + R55 + RI80 + R245 + R25		
NgeLesihlanu	R60 + RI50 + RI40 + R200 + RI25		
NgoMgqibelo	R50 + R75 + R200 + R350 + R25		
NgoSondo			

Bala kobana yimalini itjhentjhi.

Ukufunyana itjhentjhi yakho ungahlanganisa kobana izinto zibiza malini bekufike lapha ubala imali yamaphepha eseleko noyiphetheko.

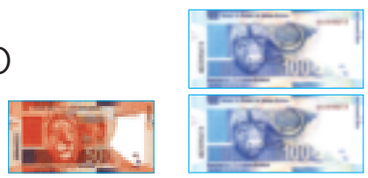
Isibonelo:
UPalesa uthenga ukudla ngemali ema-R87,50
Ubhadela ngemali eliphepha ema-R200.
Yimalini itjhentjhi yakhe?



50c + R2 + RIO + RIOO = RII2,50 Itjhentjhi

Sebenzisa amanambalayini ukuze akusize ukubala itjhentjhi.

Iindleko:
R229,40



Bhadela ngama-:

Iindleko:
R305,60



Bhadela ngama-:

Teacher:
Sign:
Date:

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Okhunye ukuhlanganisa kanye nokukhupha bekufike ema-999

Ilanga: .....



Asirarulule isibalo.

UGugu ubuthelele iintika ezima-234
UMandla umuphe ezinye ezima-501
Kwanje uGugu sele aneentika ezingaki?

Uthini umbuzo?
Kwanje sele aneentika ezingaki?

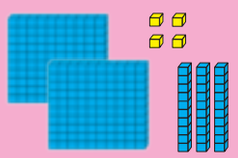
Lithini igama eliqakathekileko? ezingezelelweko

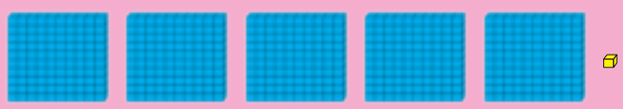
Zithini iinomboro? 234 ne-501

Asitjengise lokhu ngamabhlogo wethu asisekelo wamatjhumi.



Lokhu kwenziwe nguLisa ukurarulula isibalo sakaGugu.







U-Aakar wenze lokhu.
Wenze umgwalo.





ULisa uwabeke ngendlela efanako neyaka-Aakar njani amabhlogo asisekelo wamatjhumi.

Sebenzisa inomboro emrarweni ukusombulula okungenzasi ngeendlela ezimbili ozifundileko bekube nje.

Indlela yoku-1	Indlela yesi-2



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2 Imisebenzi eyenziwa ekuseni.

UThembi ubuthelela izinto ngehlelo lesikolo lokubuyekza izinto ezingasetjenziswa godu. Ubuthelele amabhodlelo wamaplastiki ama-624 namathini ama-268. Ubuthelele okungaki sele kukoke?

Uthini umbuzo? _____

Zithini iinomboro?	Lithini igama eliqakathekileko? Thika ipendulo ekungiyo. Igama eliqakathekileko listjela kobana: Hlanganisa ☐ Khupha ☐
Yenza umgwalo.	Sebenzisa indlela yakho ukuveza isisombululo.

Isitolo sineempaka ezima-900 zeswigiri. Ngemva kokuthengisa ezinye iimpaka, sisele ngeempaka zeswigiri ezima-659. Isitolo sithengise iimpaka zeswigiri ezingaki?

Uthini umbuzo? _____

Zithini iinomboro?	Lithini igama eliqakathekileko? Thika ipendulo ekungiyo. Igama eliqakathekileko listjela kobana: Hlanganisa ☐ Khupha ☐
Yenza umgwalo.	Sebenzisa indlela yakho ukuveza isisombululo.



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Ilanga: .....

Okhunye ukuhlanganisa nokukhupha ukufika ku-999

Qala imigwalo bese uyahlathulula.





Qedelela okulandelako.

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

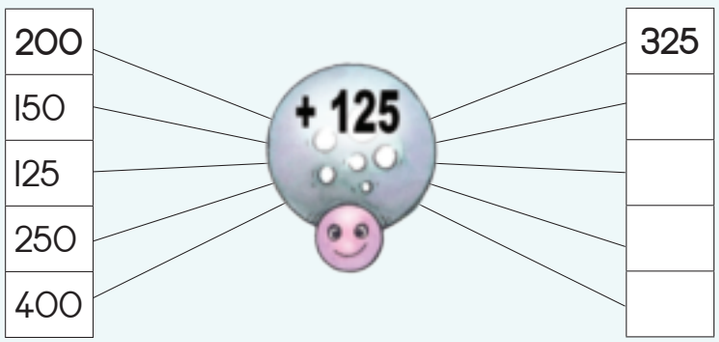


Tlola iinomboro.

a. Ama-523 nakangezelelwe nge-12 _____.	e. Ama-537 nakaphungulwe ngama-29 ipendulo _____.
b. Ama-540 nakaphungulwe nge-15 ipendulo _____.	f. Ihafu yama-300, ipendulo _____.
c. Ama-576 nakangezelelwe ngama-20 ipendulo _____.	g. Ama-420 nakabuyelelwe kabili ipendulo _____.
d. Ama-590 nakaphungulwe ngama-60 ipendulo _____.	h. Ihafu yaka-600, ipendulo- _____.



Hlanganisa ne-125.



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4 Ngikuphi ekwenza i-1 000?

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

Funyana imindeni yeenomboro yoku-+ kanye neyoku-.



Isitjengiso: 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 = ☐

Hlolisisa!
Madanisa!
Lungisa!



Hlanganisa bewususe amatjhumi kanye namakhulu.

a. Amatjhumi kanye 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. Amatjhumi apheleleko (Ukubuyabuyelela nge-10)

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

Rarulula okulandelako:

925 + 53 = ☐ 571 + 202 = ☐ 786 + 75 = ☐ 903 + 95 = ☐

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Ilanga: .....

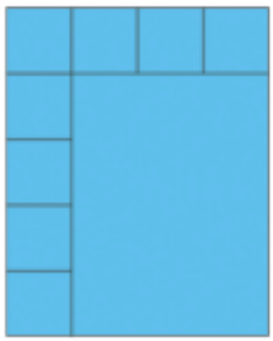
Amaphazeli wokumeda/wokulinganisa



Funyana i-eriya.

Ziinkwere ezingaki zobukhulu  lobu ozozitlhoga ukwembesa isithombe esinye nesinye? Sebenzisa yakho indlela ukurarulula umraro. Ungazigwala iinkwere eenthombeni ukuze zikusize ukurarulula.

a.



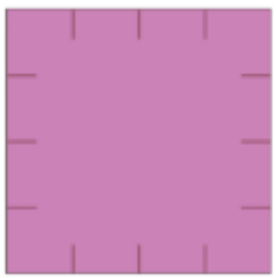
b.



c.

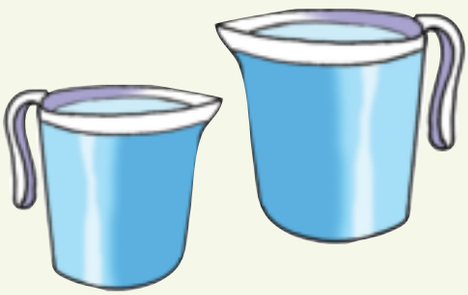


d.





Rarulula isirarejo.



Ufuna ukumeda amalitha wamanzi ama-4 poro.

Uneemumathi ezimbili kwaphela: esinye simumatha amalitha ama-3 bese kuthi esinye simumathe amalitha ama-5. Wenza njani?

Umtlhala: okungenani kuneendlela okungizo ezimbili.

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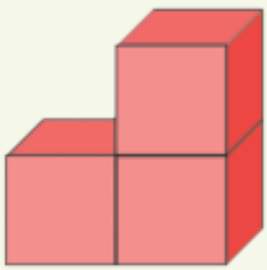
Ubona ini?

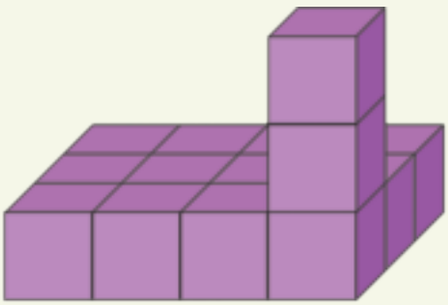
Amabhlogo amathathu ananyathiselwe ndawo yinye njengesithombeni.



Nangabe udobha amabhlogo ahlanganiswe ndawo yinye womabili, ubala iinkwere ezingaki ngaphandle?

_____

Bala amakhyubhu.



Makhyubhu amangaki enze ijamo elilandelako?

_____

Isityhijilo: isirarejo sesikhathi

Hlolisisa!
Madanisa!
Lungisa!

Uneensetjenziswa ezimbili ezicupha isikhathi.

Esinye silinganisa poro imizuzu eli-7 esinye silinganisa poro imizuzu eli-11.

Ungazisebenzisa njani iinsetjenziswa ezimbili lezi ukulinganisa kobana imizuzu eli-15 idlule kuhlehle nini?

_____

_____

_____

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Date:

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Ilanga:

.....

Amaphetheni weenomboro: amatjhumi ukufika ku-900

Ithemu 4

Asibale ngokulitjhumi ukusuka ku-810 ukufika ku-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



Iinomboro ezindulungelweko zisitjengisa yiphi iphetheni?

Ezindulungelwe ngokubovu: Ukubala ngaku- ____.	Tlola phasi iphetheni: _____
Ezindulungelwe ngokuhlaza satjani: Ukubala ngaku- ____.	Tlola phasi iphetheni: _____



Balisisa.

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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Zingaki iingojwana?

Kuneengojwana ezilitjhumi enyandeni eyodwa.

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

Imida yeengojwana.

Kuneenyanda ezilitjhumi zeengojwana emudeni ngamunye = neengojwana ezili-100

Umuda owo-1 weenyanda ezili-10 ÷ iingojwana ezili-100 | 10 × 10 = 100

Imida emi-2 yeenyanda ezili-10 ÷ = _____ zeengojwana | 20 × 10 = _____

Imida emi-4 yeenyanda ezili-10 ÷ _____ zeengojwana | 40 × 10 = _____

Imida eli-10 yeenyanda ezili-10 ÷ _____ zeengojwana | 100 × 10 = _____

Ziinyanda ezingaki?

Iingojwana ezima-700 zibopha iinyanda _____.

Iingojwana ezima-900 zibopha iinyanda _____.

Iingojwana ezili-1 000 zibopha iinyanda _____.

Teacher:
Sign:
Date:

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Ilanga:

Ukutjhideza eduze ne-10

Ithemu 4

Sesikwenzile okhunye ukutjhideza eduze lapha sesidlule khona kelinye iphepha lokusebenzela. Qala inambalayini bese uhlathululela umngani wakho kobana ungatjhideza njani uye etjhumini elilandelako.

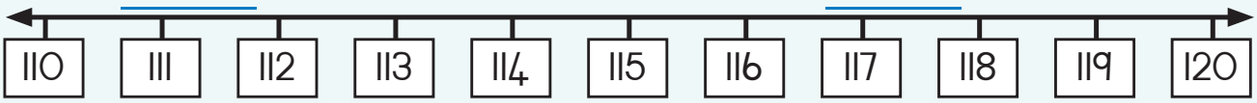






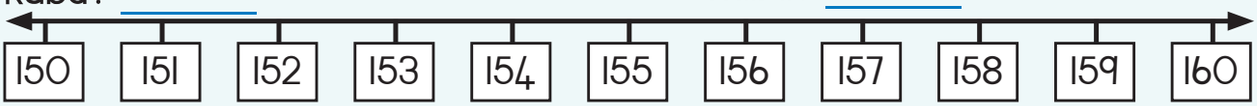
Tjhideza eduze kwe-10.

U-114 nakatjhidezwe eduze kuba? _____



U-117 nakatjhidezwe eduze kuba? _____

U-159 nakatjhidezwe eduze kuba? _____

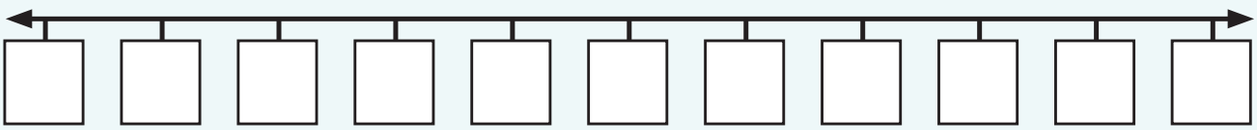


U-151 nakatjhidezwe eduze kuba? _____

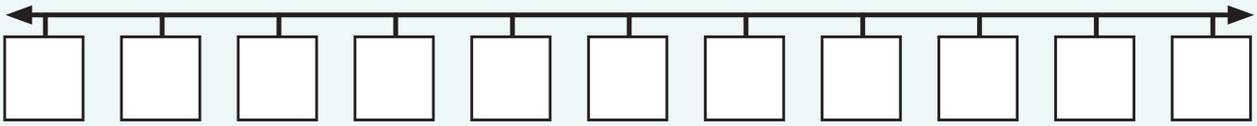


Tjhideza eduze kwe-10.
Zigwalele inambalayini yakho.

195



945





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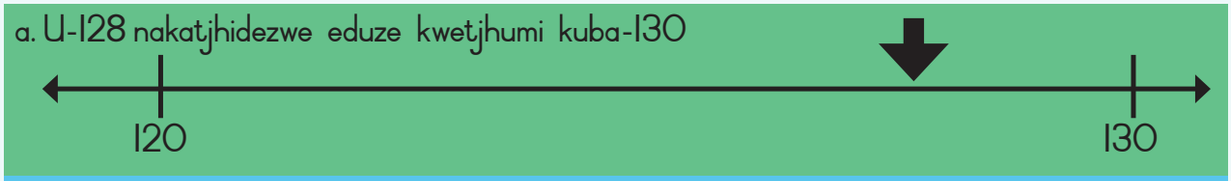
Ukutjhideza eduze kwe-10.

Ngaphambi kokutjhideza:

a. Tlola phasi kobana ngiziphi iinomboro ezimbili ezimatjhumi otjhideza duze nazo.

b. Tjengisa nge- → kobana inomboro ekutjhidezwa kiyo ikuphi kunambalayini.

a. U-128 nakatjhidezwe eduze kwetjhumi kuba-130



b. 877



c. 901



d. 566



e. 999



Tjhideza iinomboro ezilandelako eduze kwe-10.

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

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

Ngitlhoga ama-R10 wephepha amangaki?

UMbali nabangani bakhe aba-8 baya esikolweni ukugidinga ilanga lokuzithabisa. Ukungena emasangweni kubiza ama-R4 umuntu ngamunye. UMbali wabulunga imali ukuze abhadalele abangani bakhe. Waya emtjhinini we-ATM ukuze adose imali. I-ATM inikela imali yamaphepha kwaphela. Utlhoga ama-R10 wephepha amangaki. ☐

Teacher:
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Date:

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113 Ukubuyabuyelela nokuhlukanisa: ngakuhlanu ukufika ku-100

Ilanga: .....



Qedelela umgwalo owehlako.

okufakiweko	umthetho	umphumela
1	× 5	
3		
5		
7		
9		

okufakiweko	umthetho	umphumela
2	× 5	
4		
6		
8		
10		



Qedelela itheyibula engenzasi:

×	1	2	3	4	5	6	7	8	9	10
5										



Balisisa:

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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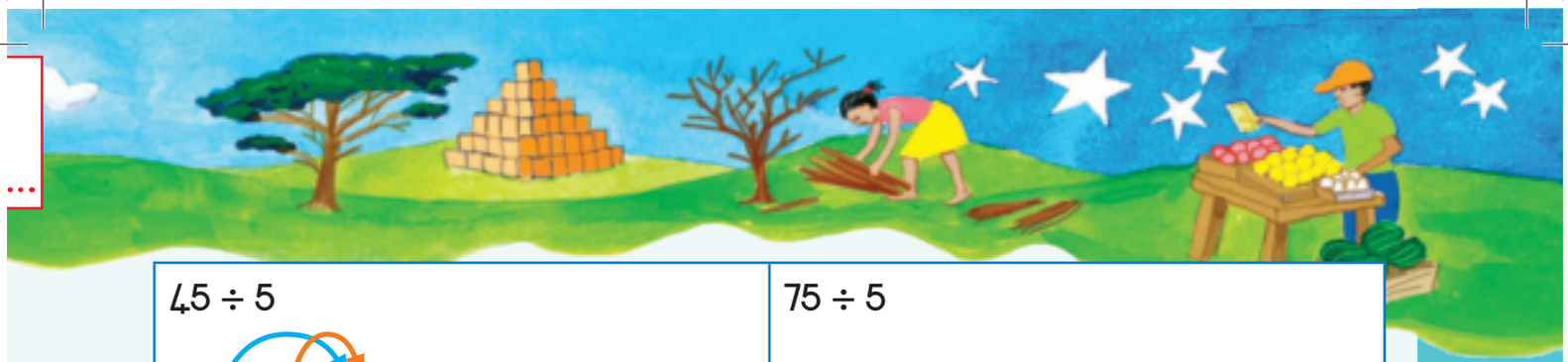


45 ÷ 5 = (40 + 5) ÷ 5 = (45 ÷ 5) + (5 ÷ 5) = 8 + 1 = 9	75 ÷ 5
48 ÷ 5 = (40 + 8) ÷ 5 = (40 ÷ 5) + (8 ÷ 5) = 8 + 1 isalela 3 = 9 rem 3	13 ÷ 5



Rarulula imiraro elandelako:



Isivande semirorho sinemida eli-14 yeentjalo.

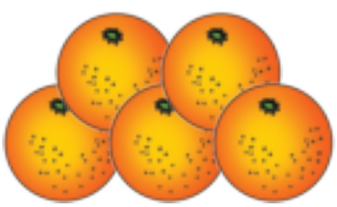


Umuda omunye nomunye unenani elilinganako leentjalo.

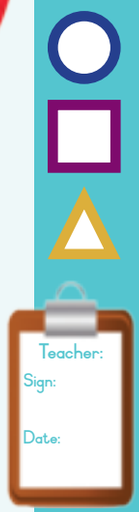
Nangabe inani loke lima-70 weentjalo, emudeni ngamunye kuneentjalo ezingaki?

UDavid uthengisa imigodla yama-orentji ngaphakathi komgodla ngamunye kunama-orentji amahlanu.

Unama-orentji ama-85.



Mangaki ama-orentji angazalisa umgodla?



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Ilanga: .....

Amaphetheni weenomboro: ngakuhlanu bekufike ku-1 000

Asibale ngakuhlanu ukuthoma ku-805 ukufika ku-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



Iinomboro ezindulungelweko zisitjengisa yiphi iphetheni?

Ezindulungelwe ngokuhlaza sasibhakabhaka:	Ukubala ngaku- _____
Tlola iphetheni:	
Ezindulungelwe ngokuphephuli:	Ukubala ngaku- _____.
Tlola iphetheni:	



Balisisa.

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 = ____

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Ibhodi leenomboro 901 kufika ku-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



Qedelela ngeenomboro ezitlhayelako.

Uyini umehluko hlangana kweenomboro ezinomboloa ohlaza sasibhakabhaka nalezo ezinombala ophephuli eziphephuli owodwa?



Qedelela amaphetheni.

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

Teacher:
Sign:
Date:

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Ilanga:

Okhunye okufanako mahlangothi womabili

Isiboniboni, isiboniboni.



Dlala nomngani wakho nisebenzise enye yamasede wamaphazela wamathayili (aneenqetjhana ezili-14) kiboSika 10.

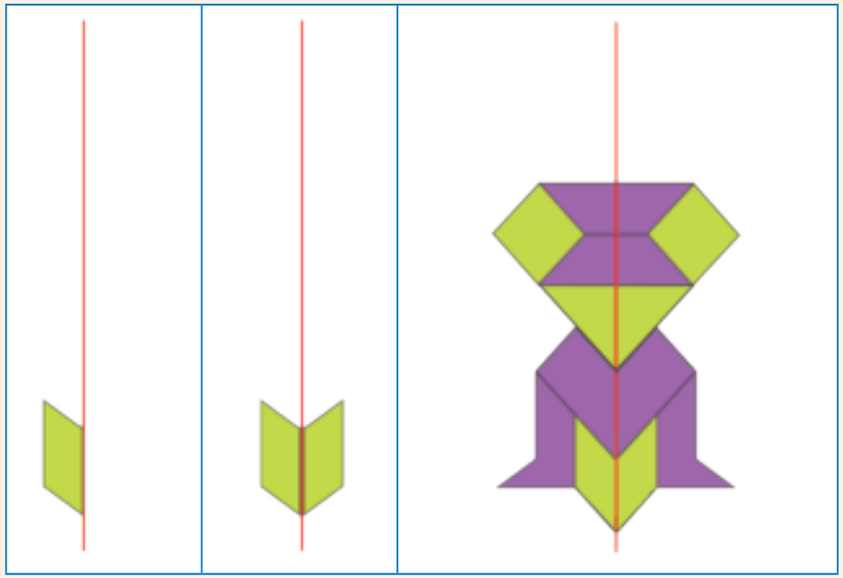
Umdlali ngamunye uneenqetjhana ezizoba yihafu (iinqetjhana ezili-7) zamajamo wamaphazeli.

Akukameli kobana abadlali babe neenqetjhana ezifanako. Gwala umuda phakathi naphakathi kwephepha. Umuda lo uzokuba "mumuda wokubuyisa".

Umdlali wokuthoma ubeka isiqetjhana sakhe eduze komuda.

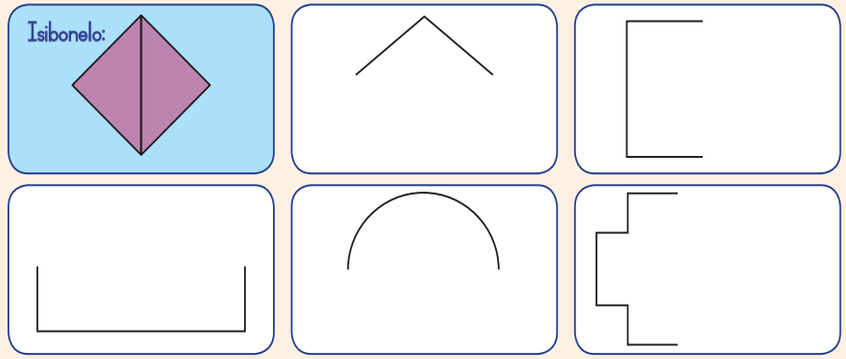
Umdlali wesibili ubeka ukubuyisa kwakho ngakelinye ihlangothi lomuda. Kumele isiqetjhana sithinte umuda nanyana elinye ijamo esele libekiwe.

Raga uye phambili bekufike lapha sewusebenzise zoke iinqetjhana.

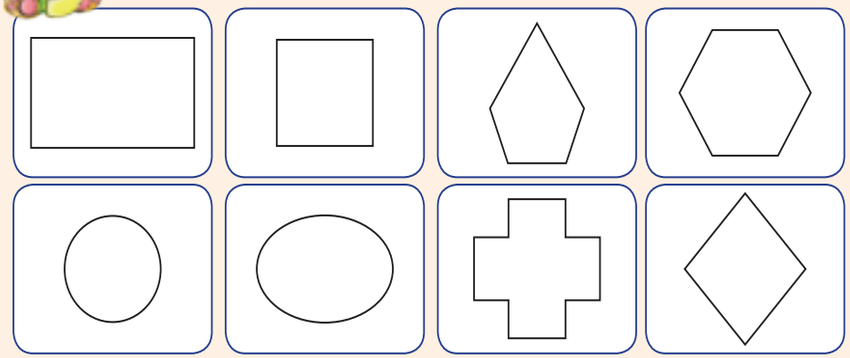


Gwala elinye ihlangothi lejamo.

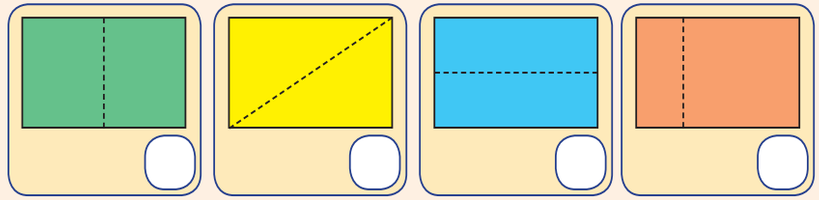
Ngemva kwalapho tjengisa umuda otjengisa ukufana mahlangothi woke.



Gwala umuda otjengisa ukufana mahlangothi womabili wokulandelako:



Thika amajamo anemida enembako efana mahlangothi womabili.



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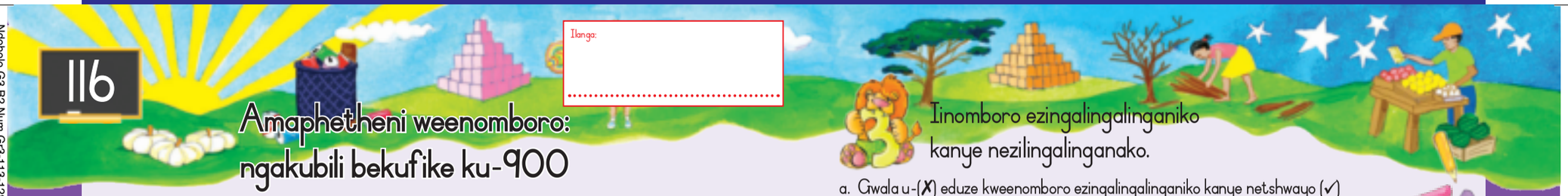

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Ilanga:

Amaphetheni weenomboro: ngakubili bekufike ku-900

Asibale ngakuhlanu ukusuka ku-802 bekufike ku-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

Iinomboro ezindulungelweko zitjengisa amaphetheni maphi?

Ezindulungelwe ngokuhlaza sasibhakabhaka:	Ukubala ngaku _____
Tlola phasi iphetheni:	
Ezindulungelwe ngokuhlaza satjani:	Ukubala ngaku _____.
Tlola phasi iphetheni:	

Balisisa.

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. $846 - 2 - 2 - 2 =$ ____

Iinomboro ezingalingalinganiko kanye nezilingalinganako.

a. Gwala u-(✗) eduze kweenomboro ezingalingalinganiko kanye netshwayo (✓) eduze kweenomboro ezilingalinganako.

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

b. Phendula ngokuthi ziyalingalingana nanyana azilingalingani.
Nawuhlanganisa iinomboro ezimbili ezilingalinganako, ufunyana ipendulo eyinomboro _____.
Hlanganisa iinomboro ezimbili ezilingalinganako, ufunyana ipendulo eyinomboro _____.
Nawuhlanganisa iinomboro ezintathu ezingalingalinganiko, ufunyana ipendulo eyinomboro _____.

Ukutjala imithi.

Le ngenye yeendlela zokutjala imithi ema-48 ngemareyini alinganako.



Singatlola nje: $2 \times 24 = 48$ (Imida emi-2 yemithi ema-24 = 48) nanyana $48 \div 2 = 24$ (Imithi ema-48 erhenyiswe ngemida emi-2 elinganako iba mimithi ema-24 emudeni ngamunye). Bala Imida kanye nemithi kesinye nesinye Isithombe. Tlola u × kanye no-÷ wemitjho yeenomboro ukumadanisa.

a. _____ × _____ = _____ ÷ _____ =	
b. _____ × _____ = _____ ÷ _____ =	
c. _____ × _____ = _____ ÷ _____ =	
d. Funyana enye indlela yokutjala imithi ema-48 ngemideni. _____ × _____ = _____ ÷ _____ =	e. Funyana enye indlela yokutjala imithi ema-48 ngemideni. _____ × _____ = _____ ÷ _____ =

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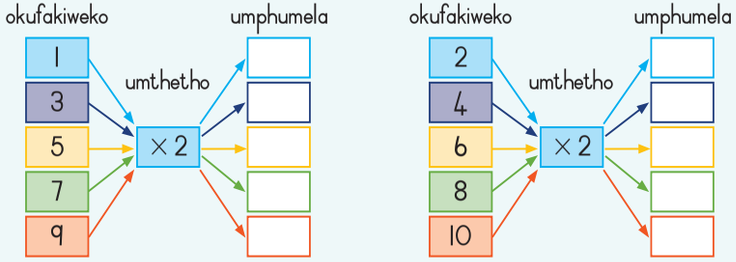
Ilanga: .....

Ukubuyabuyelela nokuhlukanisa: ngakubili bekufike ku-100

Qedelela umgwalo wesiswebu.



Qedelela itheyibula engenzasi.

×	1	2	3	4	5	6	7	8	9	10
2										

Balisisa:

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 isalela 1 = 23 isalela 1	75 ÷ 2

Rarulula umraro olandelako:



Isivande semirorho sinemida ema-32 yeentjalo.

Umuda omunye nomunye uneentjalo ezi-2.

Kuneentjalo ezingaki esivandeni?



Isivande sinemida ema-40 yeentjalo.

Umuda omunye nomunye uneentjalo ezilinganako.

Nangabe kunenani leentjalo ezima-80 emudeni ngamunye, kuneentjalo ezingaki?

Teacher:
Sign:
Date:

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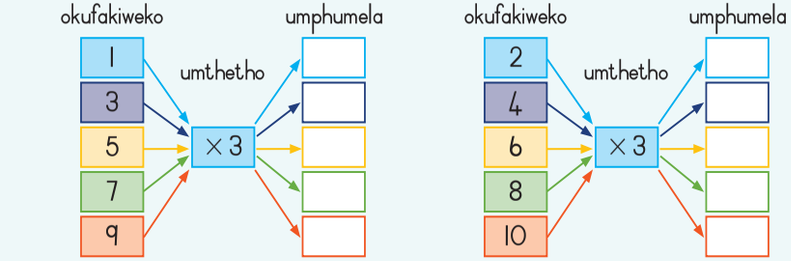
Ilanga: .....

Ukubuyabuyelela kanye nokuhlukanisa ngakuthathu bekufike ku-100

Qedelela umgwalo wesiswebu.



Qedelela itheyibula engenzasi:

×	1	2	3	4	5	6	7	8	9	10
3										

Balisisa:

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 isalela 2 = 21 isalela 2	98 ÷ 3

Rarulula imiraro elandelako:



UMarlene unamaswidi ama-30.

La maswidi abuyelelwe kalitjhumi kilawa uJacob anawo.

UJacob unamaswidi amangaki?



Isivande semirorho sinemida ema-29 yeentjalo.

Umuda ngamunye uneentjalo ezi-3.

Ziintjalo ezingaki ngesivandeni?



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119 Amaphetheni weenomboro: ngakuthathu bekufike ku-1 000

Ilanga: .....

Asibale ngakuthathu kusuka ku-803 bekufike ku-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

Iinomboro ezindulungelweko zitjengisa amaphetheni maphi?

Ezindulungelwe ngoku-orentji:	Ukubala ngaku _____.
Tlola phasi iphetheni:	
Ezindulungelwe ngakuhlaza satjani:	Ukubala ngaku _____.
Tlola phasi iphetheni:	

Balisisa.

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 leenomboro ukusuka ku-901 ukufika ku-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

Tlola iinomboro ezitlhayelako.

Khalara amabhlogo weenomboro ezitlhayelako ngokuhlaza satjani. Khalara ibhoksi elimhlophe elineenomboro ngaphakathi ngombala obovu. Ubona iphetheni yiphi?

Qedelela amaphetheni.

a. Hlanganisa nabo-4 abane ku-981.	984, 987, 990, 993
b. Hlanganisa abo-5 abahlanu ku-973.	_____
c. Khupha abo-4 abane ku-975.	_____
d. Khupha abo-3 abathathu ku-947.	_____
e. Hlanganisa nabo-2 ababili ku-932.	_____

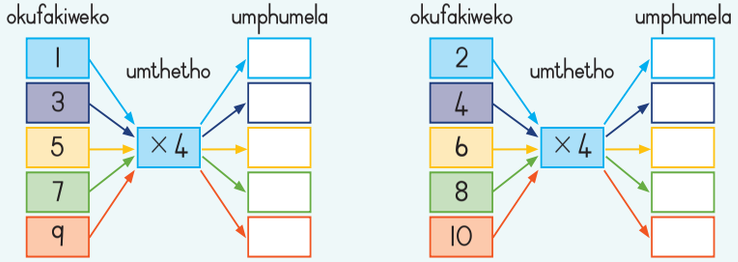
Teacher:
Sign:
Date:

120 Ukubuyabuyelela nokuhlukanisa ngakune bekufike ku-100

Ilanga: .....



Qedelela umgwalo wesiswebu.





Qedelela itheyibula engenzasi:

×	1	2	3	4	5	6	7	8	9	10
4										



Balisisa:

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 isalela 1 = 11 isalela 1	49 ÷ 4



Rarulula imiraro elandelako:



UTony unamaswidi ama-36.

Udla amaswidi amane ngelanga.

Amaswidi la angawadla ngamalanga amangaki?



UDavid uthengisa iphakethe enama-orentji amane ngaphakathi.

Unama-orentji ama-88.

Angabopha amaphakethe amangaki wama-orentji?





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Ilanga: .....

121 Amaphetheni weenomboro: ngakune bekufike ku-1 000

Asibaleni ngakune kusuka ku-804 ukufika ku-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

Iphetheni yeenomboro ezindulungelweko zisitjengisa ini?

Ezindulungelwe ngokuhlaza satjani:	Ukubala ngaku _____.
Tlola phasi iphetheni:	
Ezindulungelwe ngokuphephuli:	Ukubala ngaku _____.
Tlola phasi iphetheni:	

Tlola phasi iphetheni:

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

Ibhodi leenomboro 901 kufika e-1 000.

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

Qedelela ngeenomboro ezitlhayelako.

Khalara amabhlogo weenomboro ezitlhayelako ngokuhlaza satjani. Khalara ibhoksi elimhlophe elineenomboro ngaphakathi ngombala obovu. Ubona iphetheni yiphi?

Qedelela amaphetheni.

a. Hlanganisa nabo-4 abane ku-980.	984, 988, 992, 996
b. Hlanganisa abo-5 abahlanu ku-971.	_____
c. Khupha abo-4 abane ku-963	_____
d. Khupha abo-3 abathathu ku-927.	_____
e. Hlanganisa nabo-2 ababili ku-938.	_____

Teacher:
Sign:
Date:

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Ilanga: .....

Iingcenye ezilinganako zokupheleleko



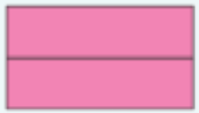
Okupheleleko, ihafu, nanyana ungasika ngayiphi indlela.

Sika ukhuphe aboncanthathu ephepheni elikhalariweko (kusika 11).



Linga iindlela ezinye ezahlukeneko zokwenza okupheleleko-ihafu.

1. Bhinca iphepha eliyirekthengela ngobude libe yihafu. Sika iphepha lelo libe yihafu lapha ubhince khona. Elinye nelinye icezu linobukhulu obulingana patsi. Elinye nelinye icezu liyihafu ($\frac{1}{2}$) yerekthengela.



2. Bhinca elinye iphepha eliyirekthengela libe yihafu ngehlangothi elibutjhigama. Sika iphepha libe yihafu lapha ubhince. Elinye nelinye icezu yihafu yesiqetjhana sephepha ekuthonywe ngaso.



3. Ngiyiphi enye indlela yokwahlukanisa iphepha libe ziingcezu ezimbili ezilinganako? Linga ezinye iindlela ngokusebenzisa iphepha kanye nesikere bese udweba umuda lapha ubhince khona ngemuva kwalapho usike.





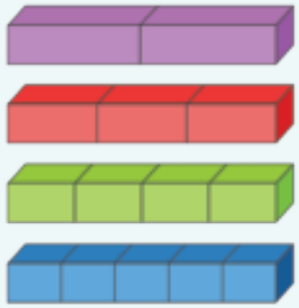
Amanye amacezu alinganako wokupheleleko.

Nasehlukanisa into ibe ziingcenye ezi-2 ezilinganako, sibiza iingcezu lezo ngamahafu.

Nasehlukanisa into ibe ziingcezu ezilinganako ezi-3, sizibiza okukodwa kokuthathu.

Nasehlukanisa into ibe ziingcezu ezilinganako ezi-4, sizibiza ngamakota.

Nasehlukanisa into ibe ziingcezu ezilinganako ezi-5, sizibiza okukodwa kokuhlanu.

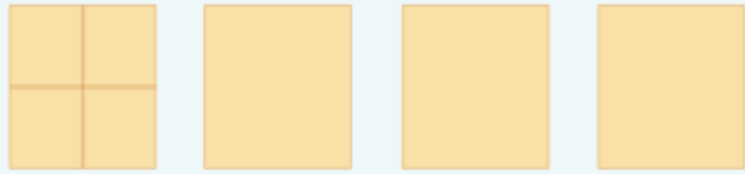




Amasametjisi wesidlo semini.



UThabo nabangani bakhe aba-3 benza amasametjisi amanengi abazowadla ngesidlo semini. Bawasika abe makota. Okutjho kobana bawasika abe macezu ama-4 alinganako. Nasi enye indlela. Tjengisa iindlela ezi-3 ongenza lokhu:



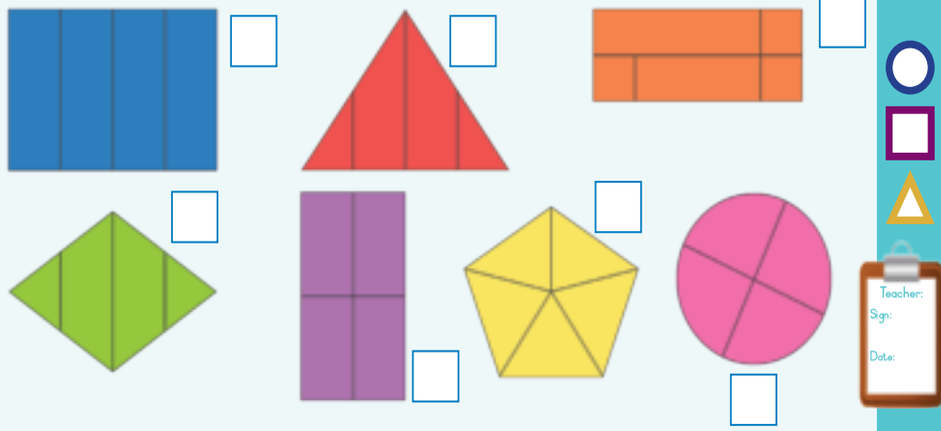


Ukuhlukanisa kube macezu amane alinganako (amakota).

Lokha nasisika into ibe makota ($\frac{1}{4}$s), siyehlukanisa ibe macezu amane alinganako.

Tshwaya (✓) iinthombe kilezi ezingenzasi ezitjengisa amakota.

Hlolisisa!
Madanisa!
Lungisa!



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Ilanga:

Imiraro yamacezu



Khulumisana nomngani wakho ngamacezu.









Rarulula umraro ngokuphendula imibuzo nokwenza imidwebo.

a. Umbanduli wenetbholo upha abadlali ngamunye ihafu ye-orentji. boke abadlali bali-14.

Uzokutlhoga ama-orentji amangaki? _____

Uthini umbuzo? _____

Yitjho iinomboro nanyana amacezu wesibalo esimraro? _____

Ngiliphi igama eliqakathekileko? _____

Gwala isithombe.

Igama eliqakathekileko ngilelo elizongisiza ukukhetha itshwayo lokubala elifaneleko.



Ithini ipendulo? _____

b. Umma unikela omunye nomunye wabangani bami abali-11 ikota ye-apula.

Utlhoga ama-apula amangaki? _____

Yitjho iimbalo nanyana amacezu wesibalo esimraro? _____

Ngiliphi igama eliqakathekileko? _____

Gwala isithombe.



Ithini ipendulo? _____

c. Ngelanga lokuthengiswa kwamanandinandi esikolweni.

Kuthengiselwe abantu abama-24 iingcenye zekhekhe.

Kuthengiswe amakhekhe amangaki? _____

Ngiliphi igama eliqakathekileko? _____

Gwala isithombe.



Ithini ipendulo? _____

Teacher:
Sign:
Date:

Ilanga:

Izinto ezinobujamo be-3D

Qala iinthombe ezilandelako.

Ngisiphi isiqhema esitjengisa iimbholo, amasilinda kanye nesitjengisa amabhoksi.

A _____	B _____	C _____
		

Ungagwala amabumbeko amangaki ngamawejisi anqophileko.

Thalela ipendulo enembako.

a. Itamati inebumbeko eliyibholo/elilibhoksi/eliyisilinda.

b. Irhalasi yokusela inebumbeko eliyibholo/elilibhoksi/eliyisilinda.

c. Incwadi inebumbeko eliyibholo/elilibhoksi/eliyisilinda.

Okunqophileko nanyana okugobeneko.

Ezinye izinto ezimamaqa zinelingaphandle elisipara kwaphela.
Ezinye zinelingaphandle eligobeneko.

		
Isilinda inamahlangothi amabili asipara nelilodwa eligobeneko.	Ikhowunu inehlangothi elilodwa elisipara nelilodwa eligobeneko.	Isifyere sigobene mahlangothi woke.

Ukugedeka.

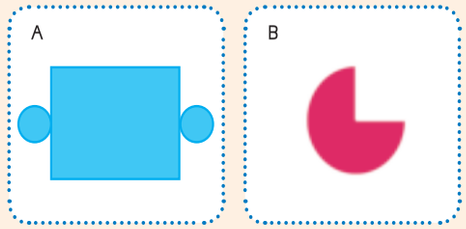
Qabanga ngesilinda, ikhowunu nanyana isifeere singagedeka njani.

Kilezi izinto ezintathu, ngikuphi:

a. Engekhe kwagedekela kude?	
b. Ekungagedeka kwaphela nakusemudeni onqophileko?	
c. Ekungagedekela nanyana ngakuliphi ihlangothi?	

Iyini inede?

Ibumbeko elisipara lingabhinceka ukwenza isithombe esiqinileko esaziwa ngenede.



Tlola iledere lenede ongayibhinca ukwenza ikhowunu. _____

Tlola iledere lenede ongayibhinca ukwenza isilinda. _____

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Ilanga:

Amanye amacezu

Yitjho amacezu.

Tlola amacezu weenthombe ezingenzasi:



a. Licezu bani elinombala obovu? _____



b. Licezu bani elinombala ohlaza satjani? _____



c. Licezu bani elinombala ohlaza sasibhakabhaka? _____



d. Licezu bani elinombala osarulani? _____

Phendula imibuzo.

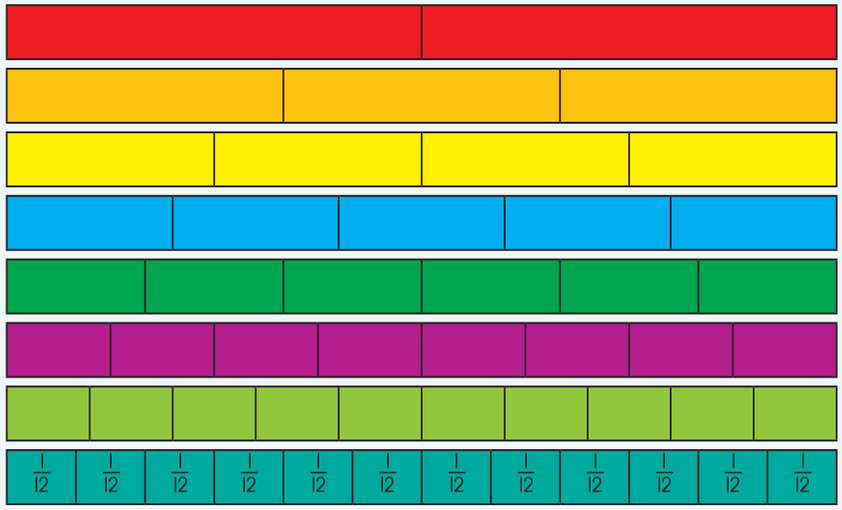
a. USizwe unamacezu amane wetjhokoledi. Uphe umngani wakhe icezu elilodwa. Yena usele ngaliphi icezu letjhokoledi? _____

b. UYasmin unama-orentji amabili. Wabelana no-Ann ama-orentji. Usele ngaliphi icezu? _____

c. UMaria uthenga iintina zamatjhokoledi ezi-5. Yena uthatha isitina esisodwa, upha uMohamed iintina ezi-2, bese anikele umnakwabo iintina ezi-2. UMaria yena usele ngaliphi icezu?

_____

Umthangala wamacezu.

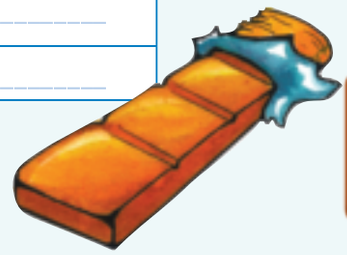


Umuda omunye nomunye wehlukaniswe ngeengcenye ezilinganako. Umuda ongenzasi wehlukaniswe eengcenyeni zetjhumi nambili. Leyibula eminye imida ngecezu elifaneleko. Sebenzisa irula yakho nanyana umphetho wephepha onqophileko ukufunyana kobana ngimaphi amacezu alinganako, nokukusiza kobana uphendule imibuzo elandelako:

Ukusuka emthangaleni wecezu, funyana zoke ezinye iindlela ukwenza:

a. $\frac{1}{2}$	_____
b. Okukodwa okupheleleko	_____
c. $\frac{3}{4}$	_____

Qalisisa!
Madanisa!
Lungisa!



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

Ilanga:

Okhunye ukubuthelela nokwaba



Ukubalisisa okurhabako.



Qalisisa ukuthintanisa.

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 = ____



Yaba lokho okuseleko.

UJabu noLebo bafuna ukwabelana iinqetjhana ezili-13 zetjhokoledi. Omunye nomunye uzokufunyana iinqetjhana ezingaki?



Bangabelana kwaphela iinqetjhana ezili-12 eziziinkwere, omunye nomunye ufunyana ezisithandathu. isiqetjhana esiseleko basihlephula phakathi, Okutjho kobana omunye nomunye uneenqetjhana ezisi-$6\frac{1}{2}$.



a. Ephathini abentwana abali-10 babelana imitletlana yamaswidi ema-25. Babele ngokulingana! Gwala iinthombe ezizokusiza.



Omunye nomunye umntwana ufunyana imitletlana yamaswidi _____

b. Yabela abentwana aba-4 imitletlana yamaswidi ema-37.

Omunye nomunye umntwana ufunyana imitletlana yamaswidi _____

c. Yabela abentwana aba-5 imitletlana yamaswidi ema-48.

Omunye nomunye umntwana ufunyana imitletlana yamaswidi _____

d. Yabela abentwana abali-10 imitletlana yamaswidi ema-73

Omunye nomunye umntwana ufunyana imitletlana yamaswidi _____

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Ilanga:

Amacezu wamathangramu

Ithangramu liphazli yakade yabantu beChina eyakhiwe ngamajamo ali-7 asipara, abizwa ngamathani. Woke angabekwa ndawonye ukwakha amajamo ahlukeneko.





Amacezu wamathangramu.

	Qalisisa iphazeli lethangramu. Aboncantathu ababili abakhulu bamacezu maphi wesikwere esipheleleko? (Umbala opinki esithombeni.)	_____
	Nangabe ubhinca omunye waboncantathu abakhulu abe ziingcenye ezimbili ezilinganako, isiqetjahana esinye nesinye sibukhulu obulingana nebaboncantathu abaphakathi ngobukhulu. (Isithombe esisarulani.) Isikwere esipheleleko silicezu bani lakancantathu olingalingeneko.	_____
	Nangabe ubhinca uncantathu ophakathi ngobukhulu ube ziingcenye ezimbili ezilinganako, esinye nesinye isiqetjhana sibukhulu obulingana nebaboncantathu ababili abancani. (Umbala ohlaza satjani esithombeni.) Omunye nomunye walaba aboncantathu abancani balicezu bani lesikwere esipheleleko?	_____
	Ungabeka aboncantathu ababili abancani ndawonye ukwakha isikwere esincani. Isikwere esincani silicezu liphi lesikwere esipheleleko (umbala ohlaza sasibhakabhaka esithombeni)?	_____
	Ungabeka aboncantathu ababili abancani ndawonye ukwakha ipharalelogramu. Ipharalelogramu ilicezu liphi lesikwere esipheleleko?	_____



Ukusebenzisa ithangramu.

Sika amathangramu amabili kiboSika 12 bese uleyibula isiqetjhana esinye nesinye ngecezu laso lesikwere esipheleleko. (La majamo wamambala weThangramu.)

Tlola ibizo lakho ngemuva kwesinye nesinye isiqetjhana ukuze ukwazi ukufunyana isiqetjhana sakho ekupheleni komdlalo.



Umdlalo wokwabelana ngamacezu ngokulingana.

Dlala nabadlali aba-4 ukuya kababu-8 abadlali basebenzisa iinqetjhana zethangramu.



Omunye nomunye kumele abeke ikota yinye yesede yethangramu ngekasaneni.





1. Abadlali bayadlhegana ukuba barhwebi.
2. Umrhwebi uqunta kobana licezu bani lethangramu epheleleko umdlali ekumele alibeke ngekasaneni.
3. Umdlali ngamunye uyafunisela kobana imali eyisimbi izokuwa iyihloko nanyana imsila, bese umrhwebi uphosa imali yesimbi.
4. Umrhwebi-ke waba okungekasaneni ngokulingana abele labo abafunisele ngokweqiniso. (Kumele athengise esinye nanyana ezinye zeenqetjhana ukuze afunyana iinqetjhana ezinobungako obulinganako.)
5. Isalela enye nenye engekhe yakghona ukwabeka isala ngekasaneni ukuze izokusetjenziswa ngedlhego elilandelako.
6. Boke abadlali bayaqalisisa kobana ukwabelana kwenziwe ngendlela ekungiyo.
7. Umdlali nange kwenzeka afunyane iphoso, umrhwebi ubhadela ihlawulo yenani $\frac{1}{8}$ lesikwere esipheleleko emdlalini wokuthoma ofunyene iphoso leyo.
8. Umdlali onganazo iinqetjhana, angathatha lezo ezisele ngekasaneni.
9. Umdlalo uragela phambili bekufike lapha omunye nomunye umdlali aba mrhwebi khona.



Ngizokufaka uncantathu oyedwa omkhulu.







Iingcenye ezimbili zokubunane zilingana nokukodwa kwesine. ngingafaka isikwere kanye nepharalelogramu.





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128a Ukumeda umthamo

Ilanga:

Sebenzisa iimumathi zamabhodlelo wamaplastiki kanye nekomiki.



Ikomiki (250 ml)



Ziinkomiki ezingaki ezingazalisa isimumathi?

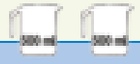
Awukameli ukutjho amalitha nanyana amamililitha. sebenzisa kwaphela 'ikomiki' kanye 'nebhodlelo.'

Isimumathi selitha eyodwa

2 Meda ilitha.

Funyana indlela yokwenza ilitha usebenzisa itlelezi elihlukileko.

Tlola umutjho weenomboro wendlela enye nenye.



Umutjho weenomboro: 500 ml + 500 ml = 1 000 ml (1 ℓ)





Umutjho weenomboro
_____ = 1 000 ml (1 ℓ)

Umutjho weenomboro
_____ = 1 000 ml (1 ℓ)

Umutjho weenomboro
_____ = 1 000 ml (1 ℓ)

Umutjho weenomboro
_____ = 1 000 ml (1 ℓ)

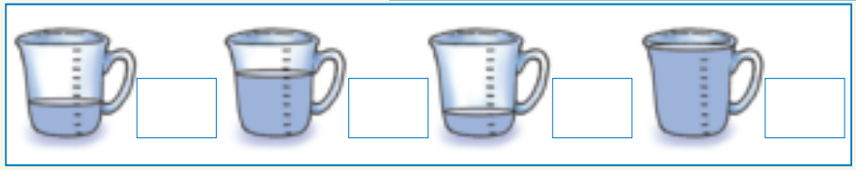
Nasitlola amatshwayo wokumeda, sitjhiya isikhadlana esincani hlangana kwedijidi yokugcina kanye netshwayo. Ngokwesibonelo, sitlola ngendlela elandelako: 3 ℓ ingasi nje 3l; 299 g ingasi nje 299g; 15 km ingasi nje 15km.

3 Iyini ivolumu yekomiki enye nenye ezeleko?



Ikhezo lizalisa ikomiki bekufike etshwayweni lesilinganiso sokuthoma.





4

Simeda inani elincani letlelezi ngamamilimitha (ml).

Ikomikana emeda isihlahla le imumatha 10 ml, pheze okumakhezo wetiye amabili.

Simeda inani elikhulu ngamalitha (ℓ).

Elitheni eyodwa kunamamililitha ayikulungwana.





5 Litlelezi elingangani?

Ngejegeni kunama- ml angangani wetlelezi?



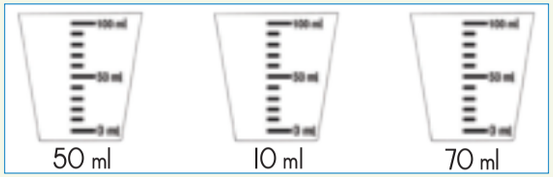
_____ ml

_____ ml

_____ ml

6 Litlelezi elingangani?

Fiphaza amakomiki wesihlahla ukutjengisa inani lesihlahla ekomikini ngayinye.



50 ml

10 ml

70 ml

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128b

Ilanga: .....

Ukumeda nokuthela

Emdlalweni.

Ngesikhathi sokuphumula omunye nomunye umdlali usela i-$\frac{1}{4}$ yelitha yejuzi.



a. Bangaki abadlali abangabelana?

ilitha linye _____ amalitha ama-4 _____ amalitha ama-$4\frac{1}{2}$ _____

b. Bazokutlhoga ijuzi engangani?

Abadlali ababu-8 _____ Abadlali ababu-8 _____ Abadlali ababu-8 _____

Amalitha kanye namamilimitha (ml).

Ilitha linye = 1 000 ml $\frac{1}{2}$ yelitha = _____ ml $\frac{1}{4}$ yelitha = _____ ml

125 ml = _____ yelitha 50 ml = _____ yelitha

Yenza ihafu yelitha.

Thika(✓) amanani ama-3 athi nakahlanganisiweko enze ilitha.

Ama-120 ml	Ama-140 ml	Ama-160 ml	Ama-28 ml	Ama-240 ml
				

Ibisi lilungele ipilo yakho!



Yaba amalitha ama-4 webisi hlangana:

a. Nabentwana ababu-8 Omunye nomunye umntwana uzokufunyana _____ amalitha.

b. Nabentwana ababu-16 Omunye nomunye umntwana uzokufunyana _____ amalitha.

c. Nabentwana ababu-12 Omunye nomunye umntwana uzokufunyana _____ amalitha.

Indawo yakaBongi ethengisa iJuzi.



Ejegeni eyodwa, uBongi usebenzisa ikotara ($\frac{1}{4}$) yekomiki yejuzi kanye neenkomiki ezi-2 zamanzi.

Ingabe uBongi uzokusebenzisa ijuzi engangani ukwenza amajege ama-5 wejuzi.

Amajege	1	2	3	4	5
Amakomiki wejuzi	Ikota eyodwa ($\frac{1}{4}$)				
Amakomiki wamanzi	2				

Kwenza ilitha eyodwa.

 50 ml	 100 ml	 200 ml	 250 ml	 500 ml

Zingaki iimumathi, esinye nesinye ukwenza ilitha?

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

e. _____ × 500 ml f. _____ × 50 ml

Ngemva kwephathi.



Iphathi yakaThandi idlulile. Kodwana kuneenselo ezisaseleko.

Kusele ijuzi esarulani engangani? _____

Kusele ijuzi ephephuli engangani? _____

UThandi uhlanganisa imihlobo emibili yamajuzi ndawonye.

Uzokuzalisa amajege amangaki? _____

Qalisisa! Madanisa! Lungisa!

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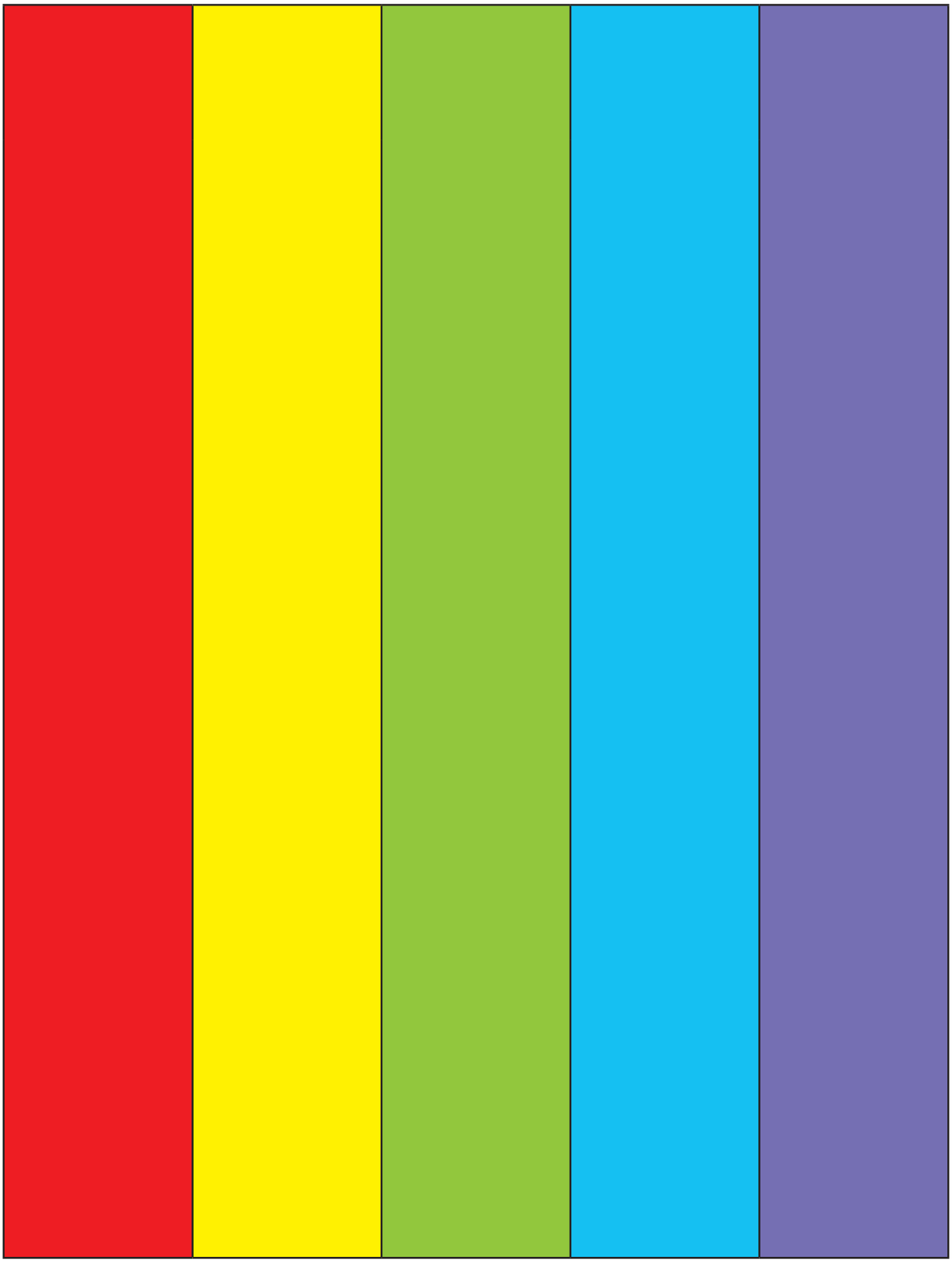
AboSika 5



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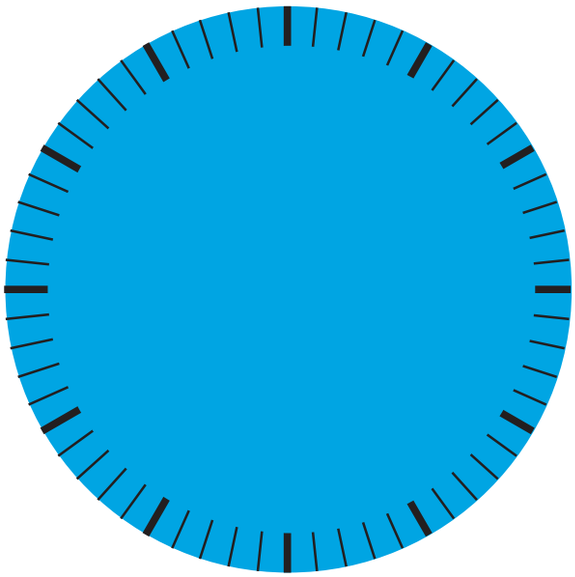
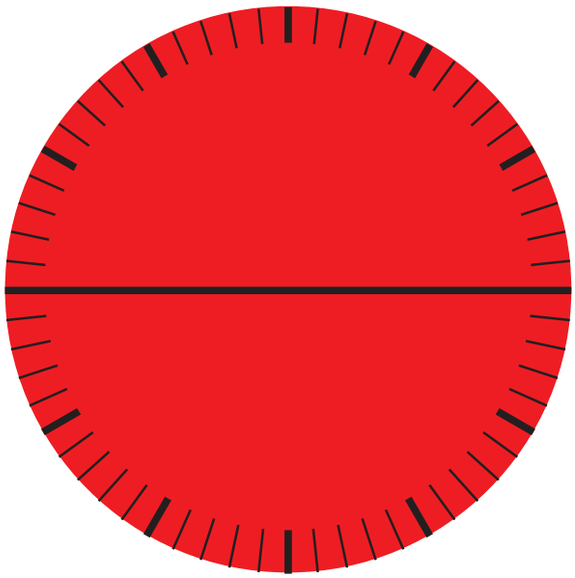
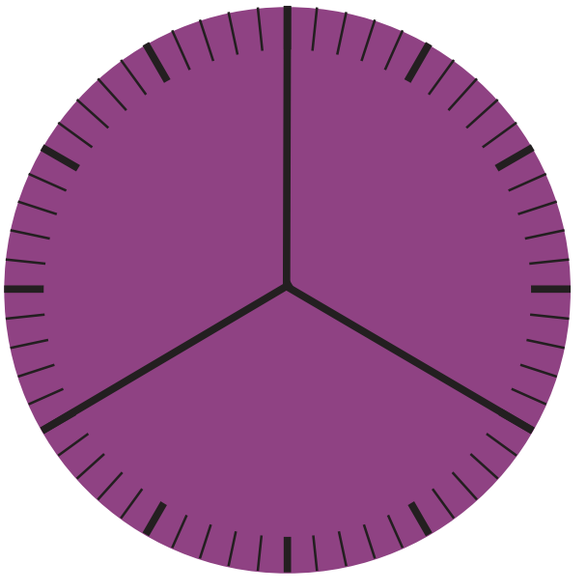
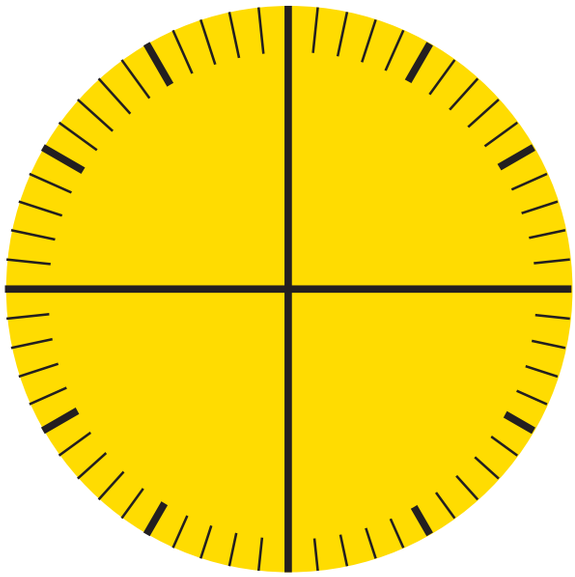
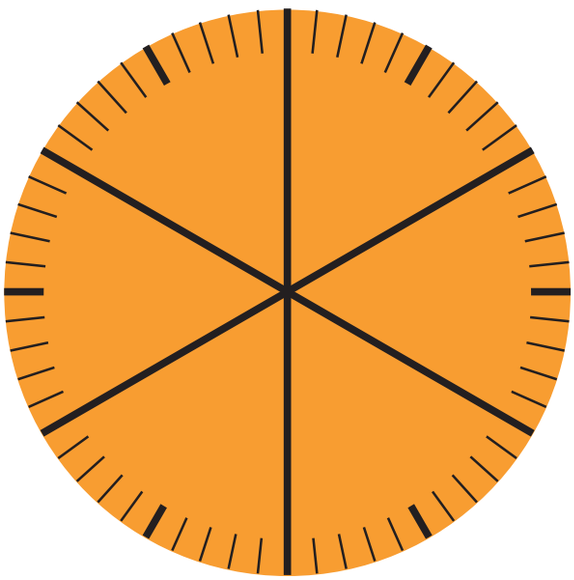
AboSika 6

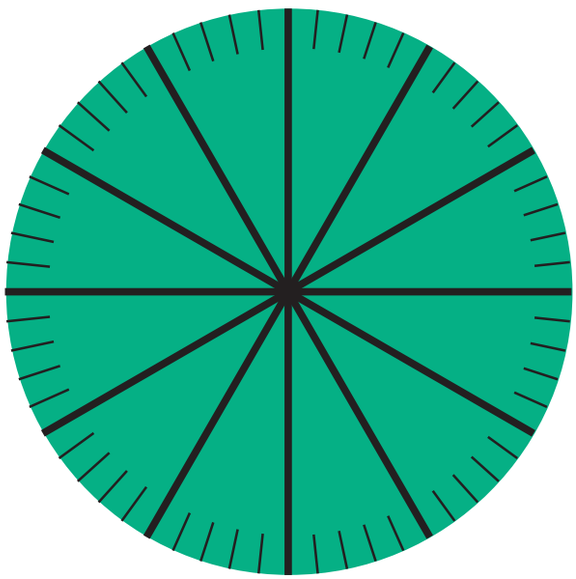












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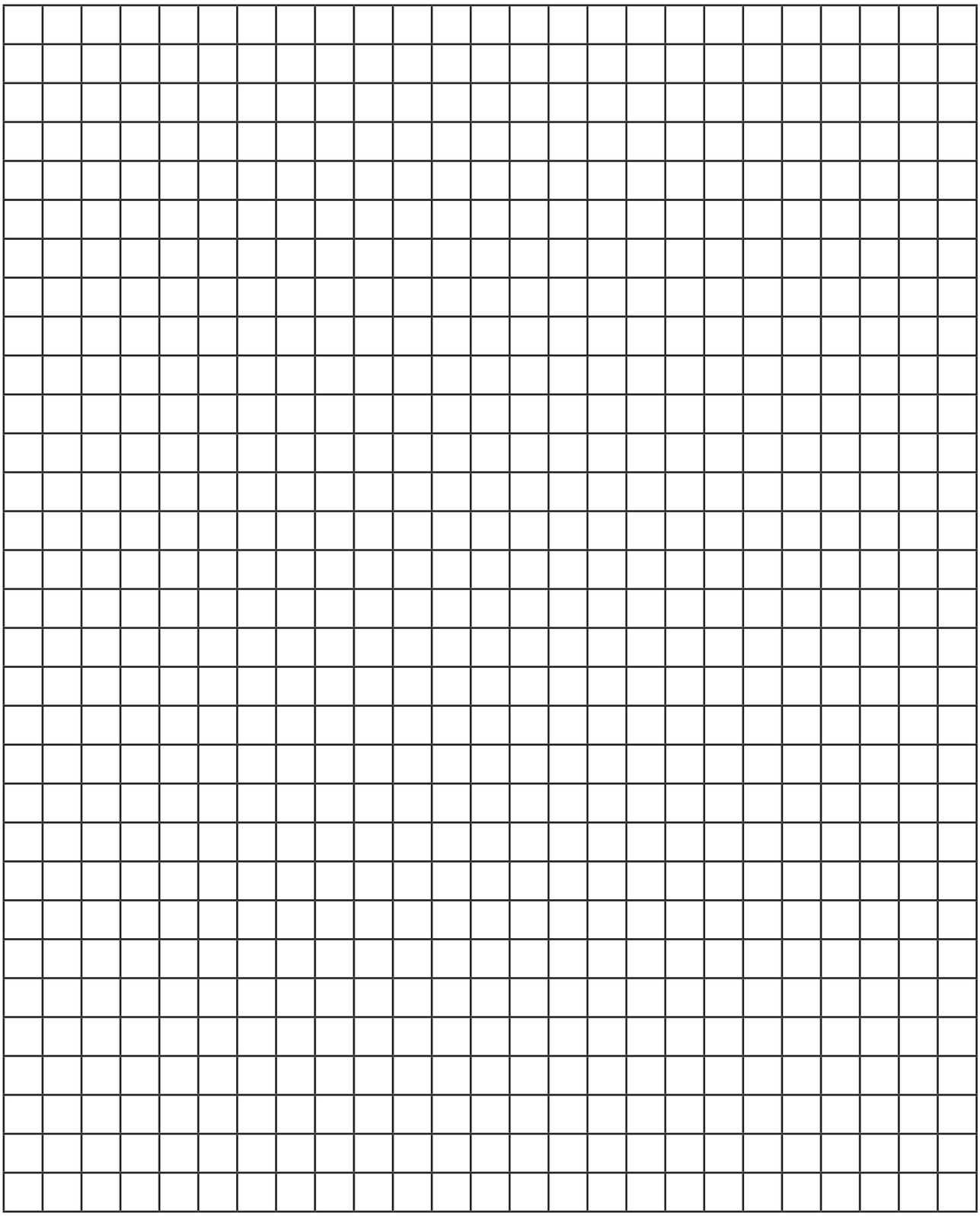

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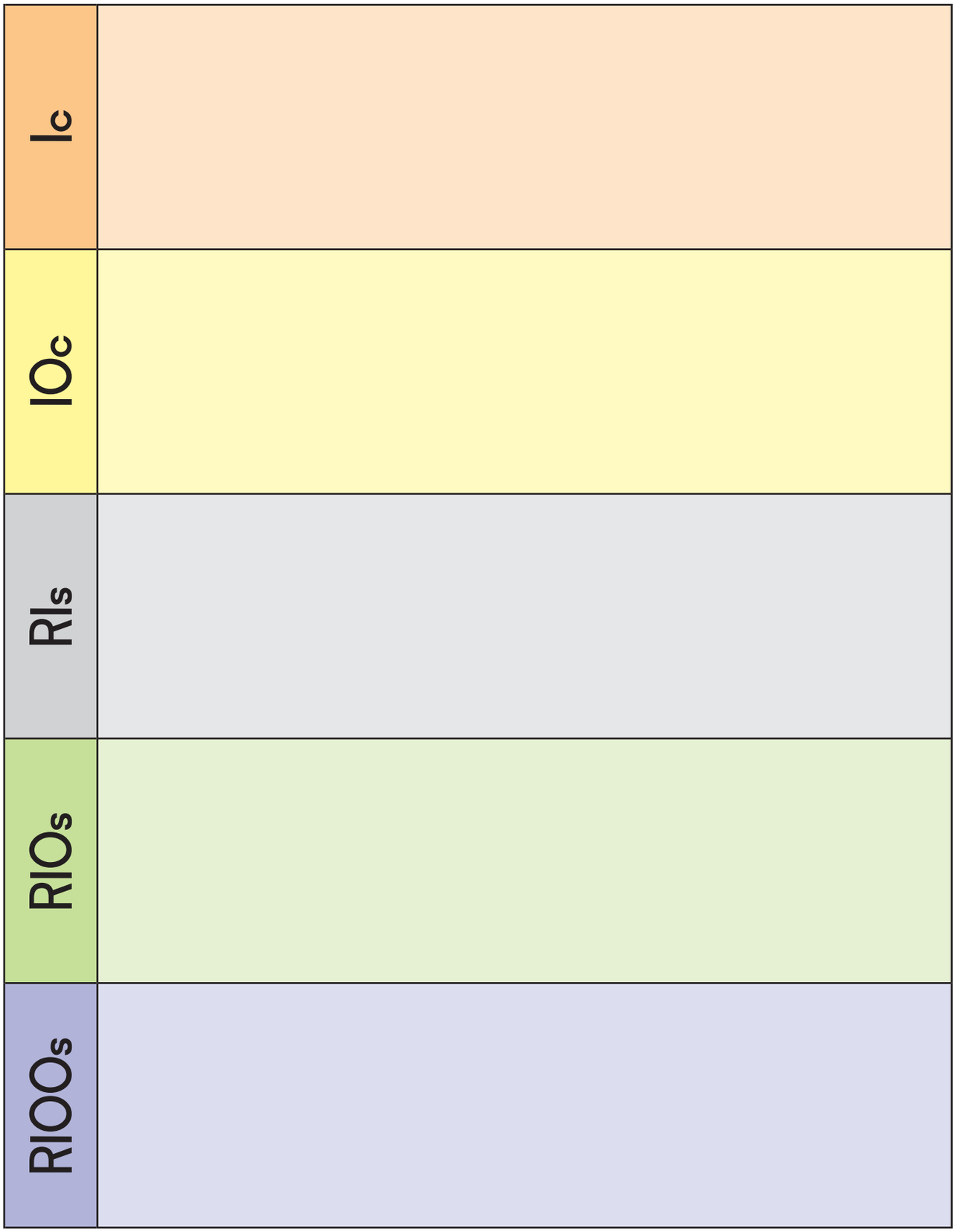

AboSika 9

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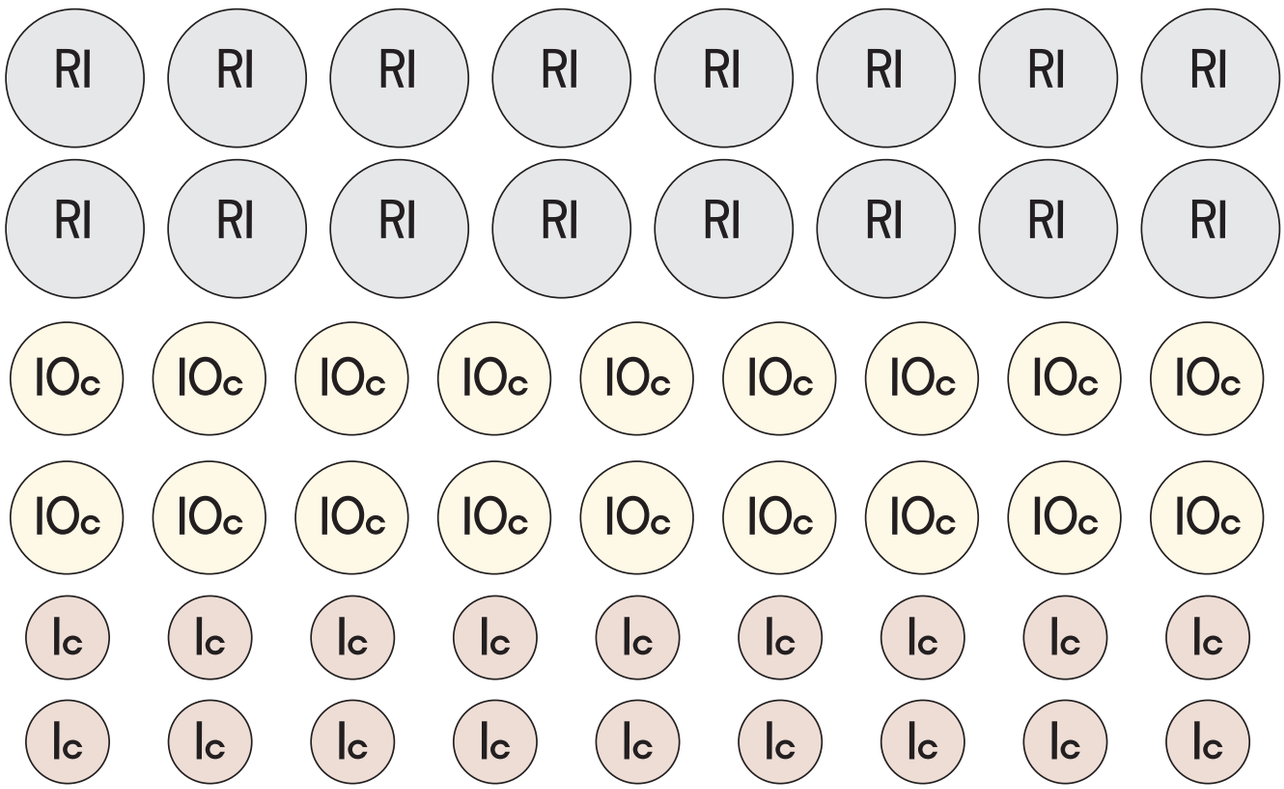
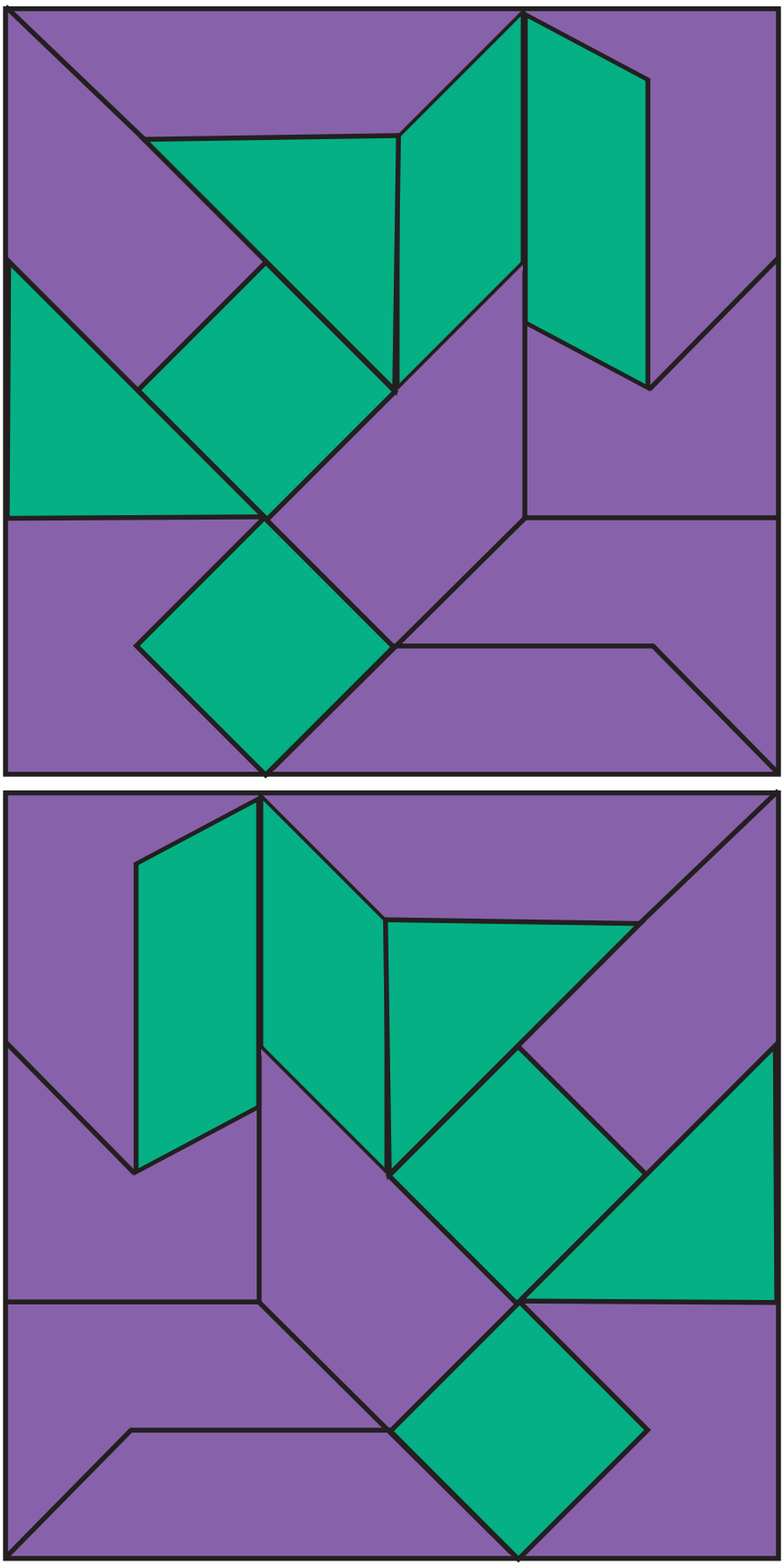
RIOO	RIOO	RIOO	RIOO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO
RIO	RIO	RIO	RIO



AboSika 10



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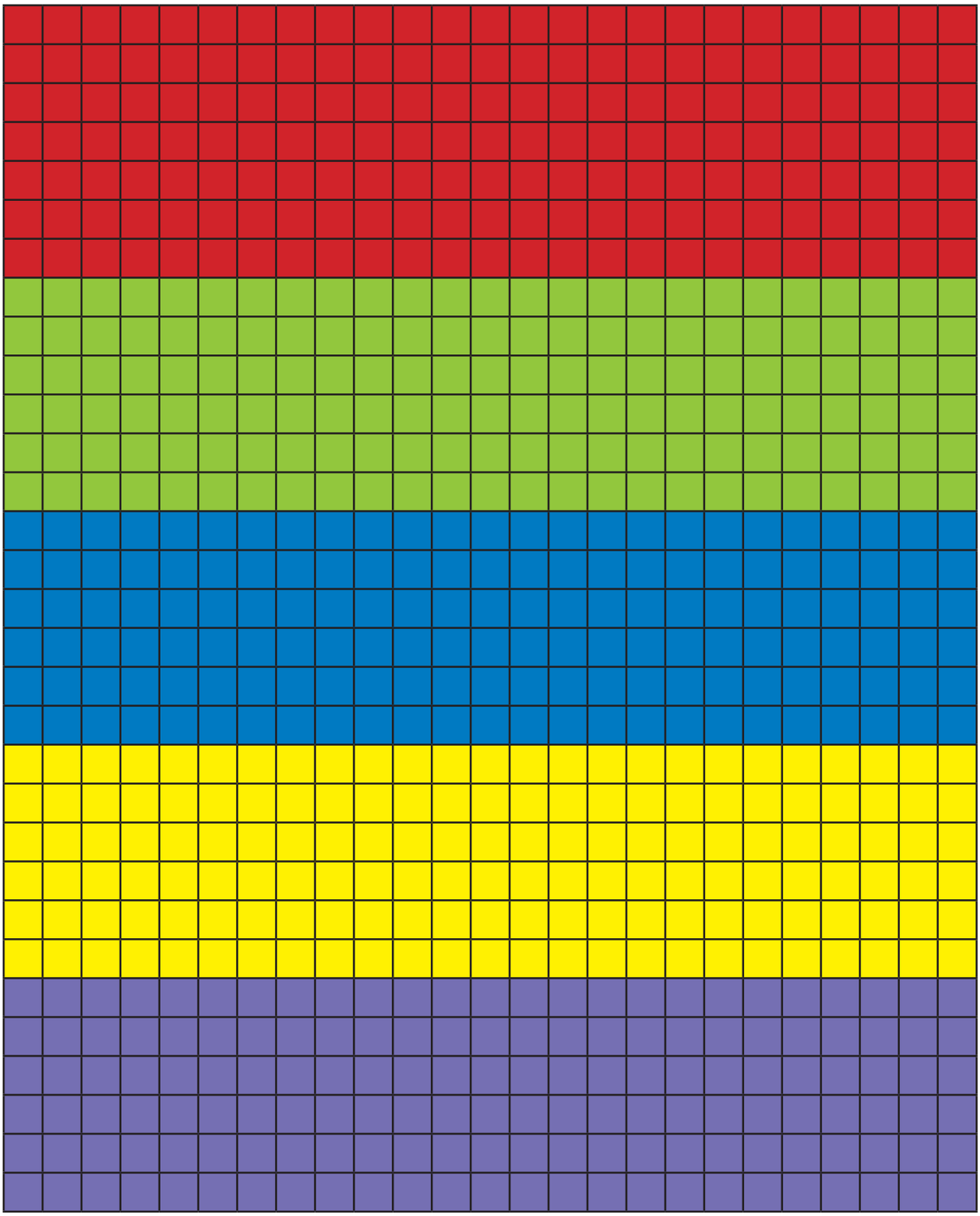

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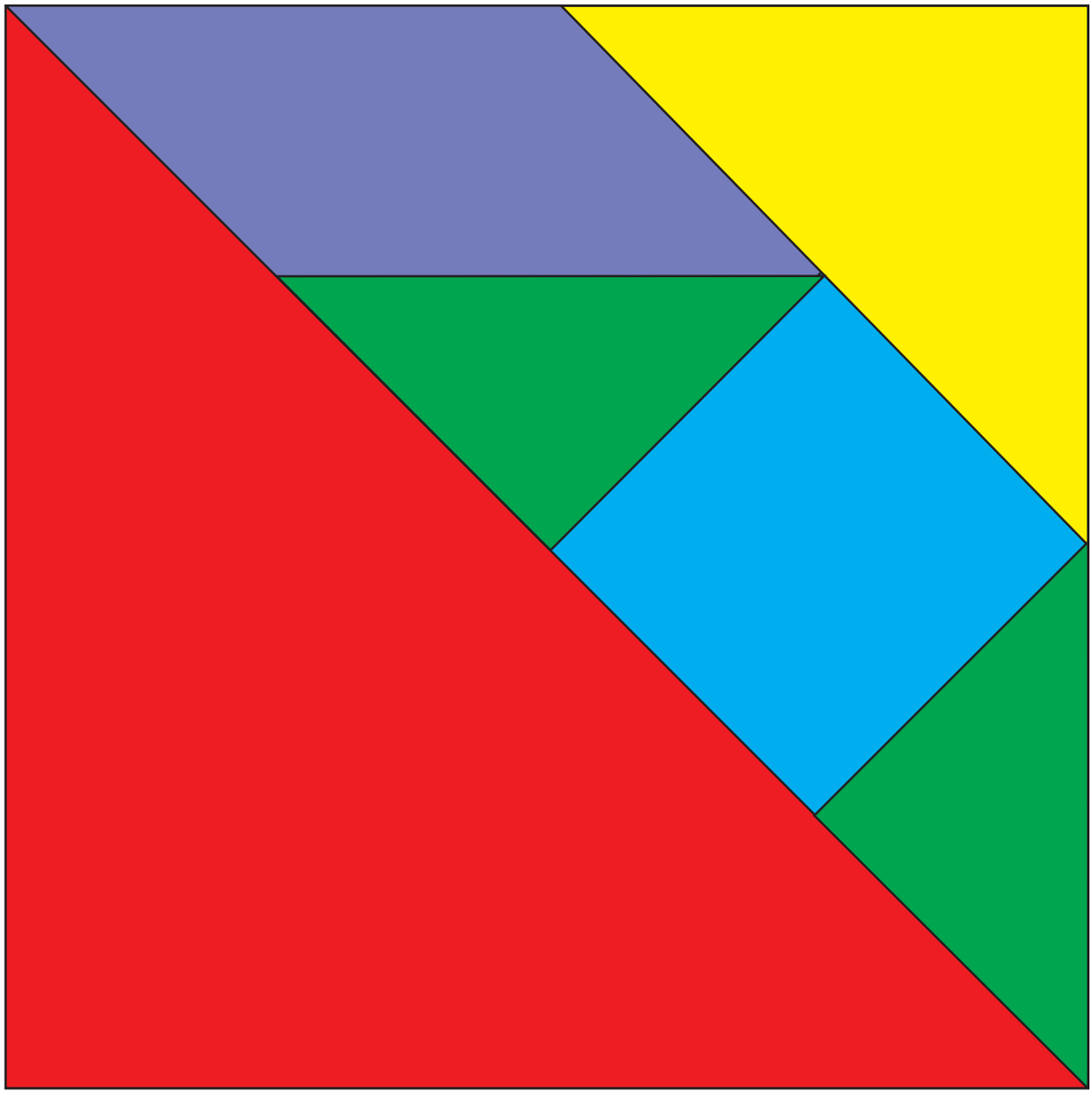

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