



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

AMANQAKU

IIMVAVANYO ZONYAKA NONYAKA KUZWELONKE WAMA- 2012 IBANGA 3 IMATHEMATIKA – ISIXHOSA UVIWO

AMANQAKU: 60

IXESHA : 1 Iyure

IPHONDO _____

UMMANDLA _____

ISITHILI _____

IGAMA LESIKOLO _____

INOMBOLO YE-EMIS KUZWELONKE
(9 iidijithi)

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IBANGA (umz. 3A) _____

IFANI _____

IGAMA _____

ISINI (✓)

INKWENKWE

INTOMBAZANA

UMHLA WOKUZALWA

C	C	Y	Y	M	M	D	D
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Olu viwo lunamaphepha a- 12.

Imiyalelo kubafundi

1. Phendula yonke imibuzo kwizikhewu ozinikiweyo.
2. Akuvumelekanga ukusebenzisa iikhalithyuleyitha.
3. Uvavanyo luyimizuzu engama-60.
4. Utitshala uya kukuncedisa ekwenzeni imizekelo phambi kokuba uqalise ukubhala uvavanyo.

Umsebenzi ongumzekelo

Bala ezi zibalo: $125 + 64$

$$125 + 64$$

$$= 100 + 20 + 5 + 60 + 4$$

$$= 100 + 20 + 60 + 5 + 4$$

$$= 100 + 80 + 9$$

$$= 189$$

$$5 + 4 = 9$$

$$20 + 60 = 80$$

$$\underline{100 + 0 = 100}$$

$$125 + 64 = 189$$

okanye

okanye

$$125 + 64 \longrightarrow 185 + 4 \longrightarrow 189$$

Uvavanyo luyaqala kwiphepha elilandelayo .

1. Gqibezela le theyibhile:

a.	Bala uye phambili ngama- 25s	75			
b.	Bala uye emuva ngama- 20s	678			
c.	Bala ngama- 50s			250	

2. Bhala amanani ngamagama.

a. 95 _____

b. 372 _____

3. Phendula imibuzo elandelayo.

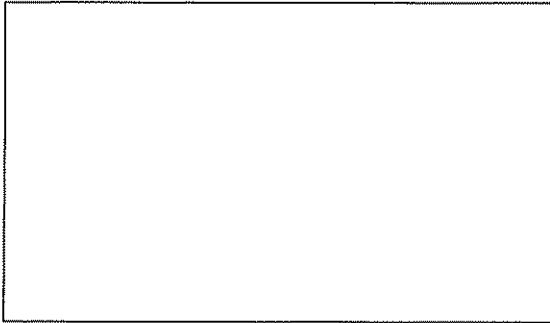
a. Landelelanisa amanani uqale ngelona likhulu ugqibele ngelincinci.

452 ; 245 ; 425 ; 542

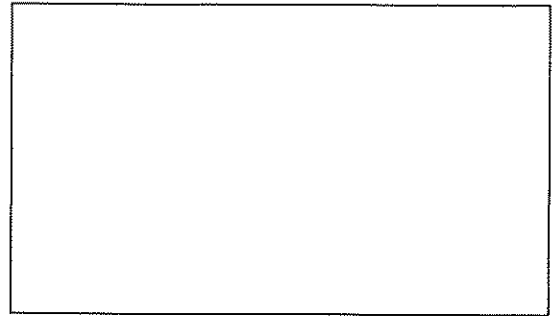
b. Landelelanisa amaqhezu uqale ngelona lincinci ugqibele ngelona likhulu.
isinye kwisithathu isinye kwisine isinye kwisibini.

4. Bala ezi zibalo:

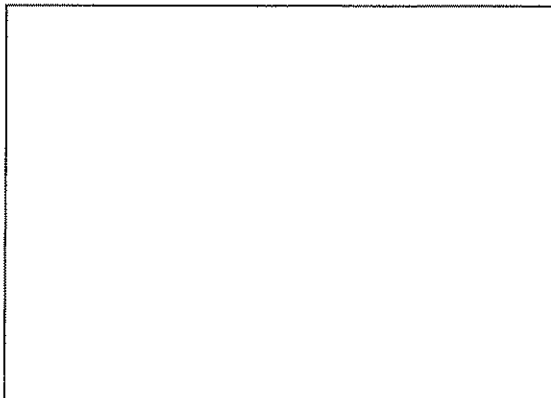
a. $431 + 213$



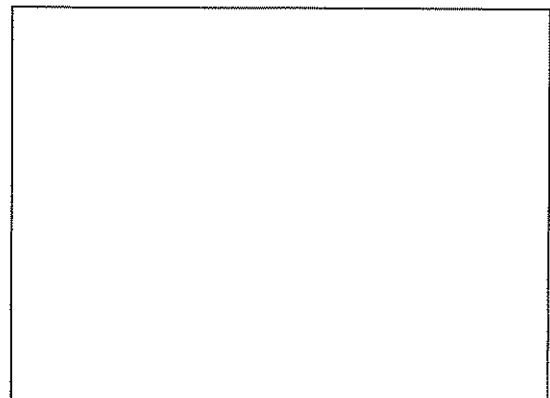
b. $72 - 37$



c. 31×3



d. $84 \div 4$

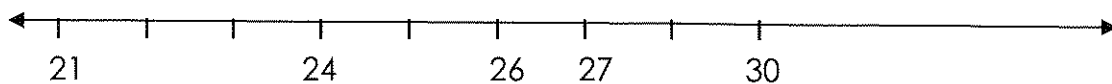


5. Liyintoni ixabiso lenani ngalinye elikrwelelwe umgca ngaphantsi?





a. $1\ 2\underline{7}6$ _____

b. $\underline{5}43$ _____

6. Gqibezela umgca manani ngokufakela amanani ashinyiweyo.



7. Funda uluhlu lwamaxabiso uze uphendule imibuzo elandelayo.

Uluhlu lwamaxabiso		
Isiselo	R3,40	
Ipakethe yeetshipsi	R1,00	
Amaqebengwana	R1,50 lilinye	
lilekese	35c inye	

- a. Uthenga amaqebengwana amabini nepakethe yeetshipsi. Uhlawula ngokhozo lwe R5

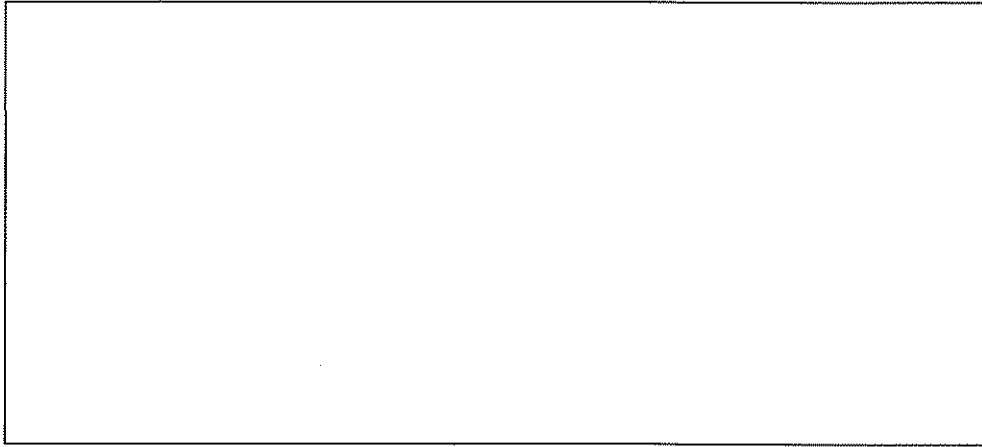
Ufumana itshintshi yamalini?

- b. Ixabiso leelekeke ezi-5 lingaphantsi ngamalini kwelesiselo esinye?

8. Phendula imibuzo elandelayo

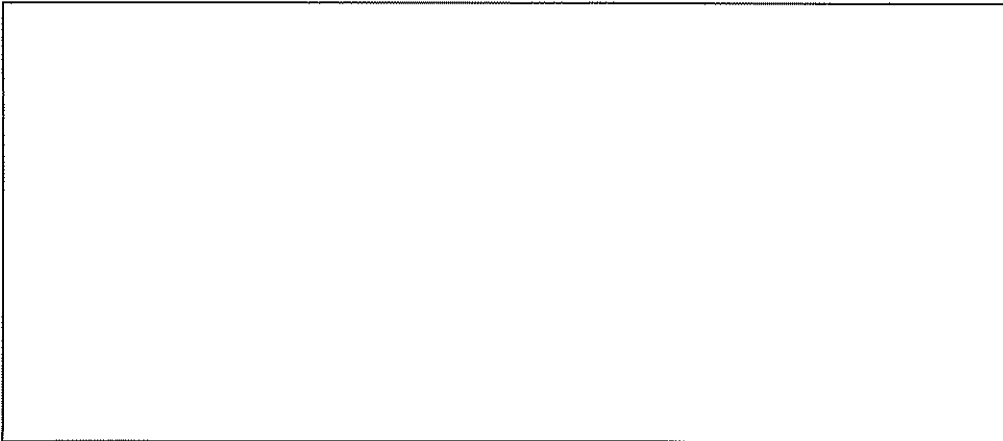
- a. Imoto inamavili amane nelinye elisebhuthini.

Mangaphi amavili eemoto ezilishumi elinesibini?



- b. Umama uneebhisikithi ezingama-69 uzahlula ngokulinganayo phakathi kuka Thobile noThemba.

Emnye kubo uza kufumana iibhisikithi ezingaphi?



9. Phendula imibuzo elandelayo.

a. Bhala inani ngokufutshane.

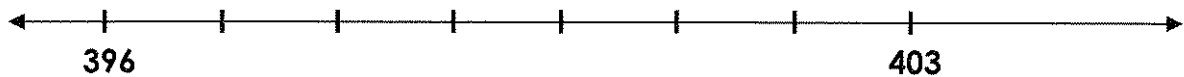
$$500 + 70 + 2 = \underline{\hspace{2cm}}$$

b. Calucalula eli nani 385.

$$385 = \underline{\hspace{2cm}}$$

c. Phinda kabini ama-49 = $\underline{\hspace{2cm}}$

d. Gqibezela umgca manani ukusuka kuma- 396 ukuya kuma- 403.



e. Fakela inani elishiyiweyo ukwenza ingxelo echanekileyo.

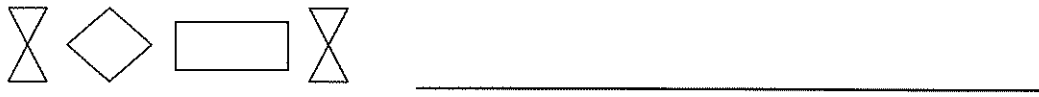
$$\text{Ukuba } 137 + 263 = 400 \text{ u } 400 - \underline{\hspace{1cm}} = 263$$

f. Yenza isangqa kunobumba onempendulo echanekileyo. Sondeza ama-297

kwishumi 10 elikufutshane.

- A. 200
- B. 299
- C. 300
- D. 290

10 a. Zoba imifanekiso emithathu elandelayo kule patheni.

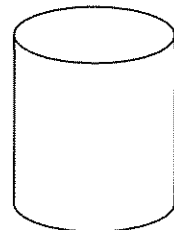
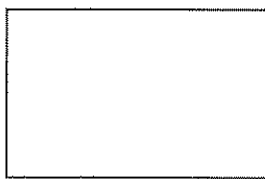
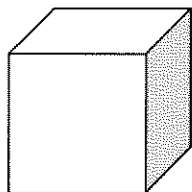
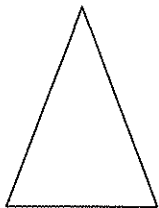


b. Bhala inani elilandelayo kolu luhlu lwamanani.

475 ; 425 ; 375 ; 325 ; _____.

11. Bhala amagama ezi milo kunye nawezinto ozinikiweyo kwikholam echanekileyo.

Imilo enamacala ama-2	Izinto ezinamacala ama-3



12. Krwela umgca wolingano-macala kwezi milo zilandelayo (symmetry).

a.



b.



13. Sebenzisa ikhalenda ukugqibezela izivakalisi.

Meyi 2012						
Cawa	Mvulo	Lwesibini	Lwesithathu	Lwesine	Lwesihlanu	Mgqibelo
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

a. UMeyi uneentsuku ezingama _____.

b. UMeyi uneeCawa ezi _____.

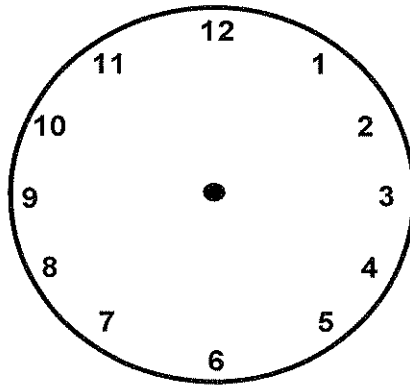
c. UJuni uqala ngoLwe _____.

14. Phendula le mibuzo ilandelayo.

a. Yenza isangqa kunobumba onempendulo echanekileyo. Ixesha elingu 8.15 kusasa kwiwotshi yamanani ngu...

- A. mkhono emva kwentsimbi yesibhozo emalanga.
- B. mkhono emva kwentsimbi yesibhozo kusasa.
- C. mkhono phambi kwentsimbi yesibhozo emalanga .
- D. mkhono phambi kwentsimbi yesibhozo kusasa.

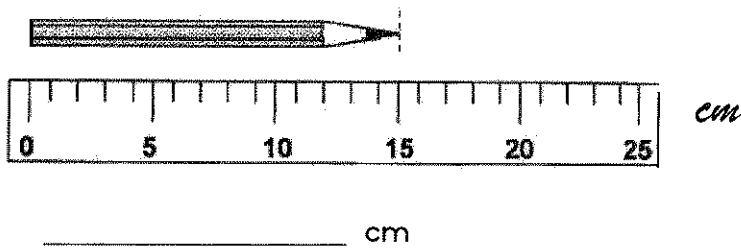
b. Zoba iintsiba kwiwotshi ukuze zibonise eli xesha 11.30 ebusuku.



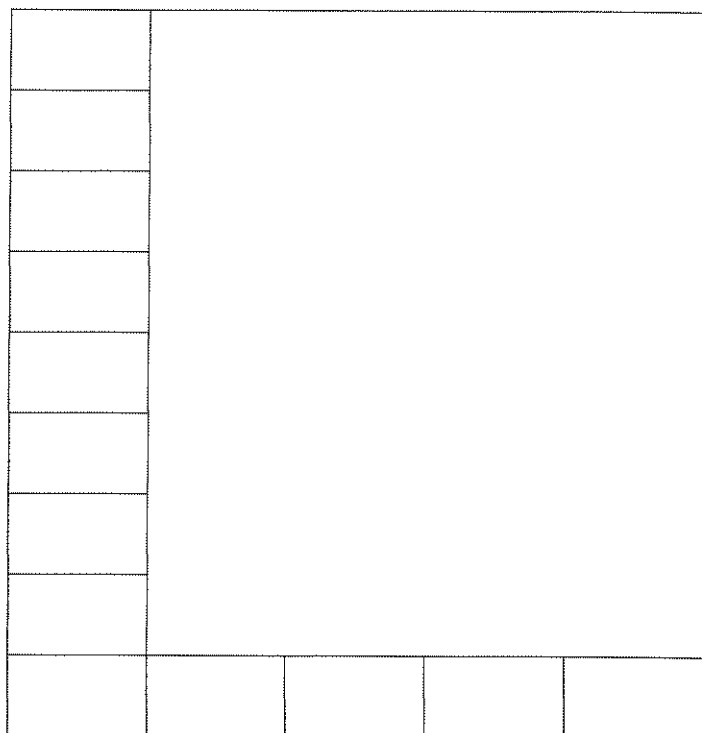
c. Iyure enye enehafu ilingana nemizuzu engama _____.

15. Krwelela igama elichanekileyo kumagama akwizibiyeli.

- a. Ubunzima bencwadi yam yezibalo bungaphantsi kwe (grem; khilogrem) enye.
- b. UMnu Dlamini uzalisa imoto yakhe ngee (litha; mililitha) zepetroli.
- c. Ubude bencwadi yakho yokufunda li- 18 (leemitha; leesentimitha).
- d. Bungakanani ubude bepensile? Bhala impendulo kumgca ongezantsi komfanekiso .



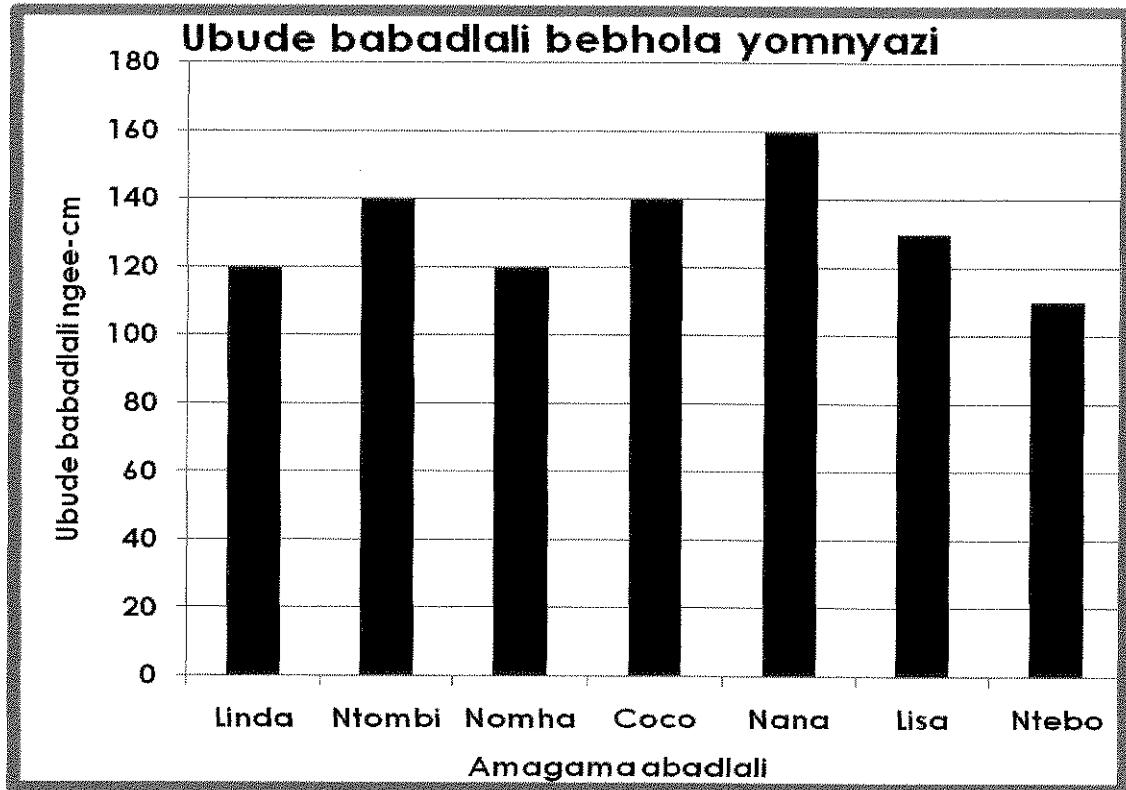
16. Zingaphi iithayile ezifunekayo zizonke kulo mgangatho?



Inani leethayile ezifunekayo = _____.

17. Le grafu ingezantsi ibonisa ubude babadlali beqela lebhola yomnyazi.

Sebenzisa le grafu uphendule imibuzo.



- Inani labadlali bebhola yomnyazi kweli qela _____.
- Igama loyena mdlali mde ngu _____.
- Ubude buka Coco buzii _____cm.
- Ubude buka Ntebo buzii _____cm.
- Umdlali olingana noCoco ngobude ngu _____.

AMANQAKU : 60