



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

AMANQAKU

UVAVANYO LONYAKA NONYAKA KUZWELONKE 2014 IBANGA 3 IMATHEMATIKA: ISIXHOSA UVAVANYO

AMANQAKU: 40

IXESHA: 1 IYURE

IPHONDO _____

ISITHILI _____

ISEKETHE _____

IGAMA LESIKOLO _____

INOMBOLO YE-EMIS (9 iidijithi)

| | | | | | | | | |
|--|--|--|--|--|--|--|--|--|
| | | | | | | | | |
|--|--|--|--|--|--|--|--|--|

IBANGA (Umz. 3A) _____

IFANI _____

IGAMA _____

ISINI (✓)

INKWENKWE

INTOMBAZANA

UMHLA WOKUZALWA

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| C | C | Y | Y | M | M | D | D |
|---|---|---|---|---|---|---|---|

Olu vavanyo lunamaphepha angama-13 ngaphandle koqweqwe.

Imiyalelo kubafundi:

1. Phendula yonke imibuzo kwizithuba ozinikiweyo.
2. Wonke umsebenzi mawenziwe kweli phepha.
3. Ukusetyenziswa kwekhaltyhuleyitha akuvumelekanga.
4. Uvavanyo lunamanqaku angama-40.
5. Uvavanyo luyimizuzu engama-60.
6. Utitshala uza kukuncedisa ekwenzeni umzekelo phambi kokuba uqalise ukubhala uvavanyo.

Umsebenzi wokuziqhelisa

Bala: $125 + 64$

Impendulo: ngokusebenzisa indlela yokubala ngentloko.

$$125 + 64 = 189$$

okanye

Impendulo: ngokusebenzisa indlela 'yokucalucalula'.

$$125 + 64$$

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

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

$$= 100 + 80 + 9$$

$$= 189$$

okanye

Impendulo: ngokusebenzisa indlela 'yokudibanisa' (yokongeza)

$$125 + 64 \longrightarrow 125 + 60 + 4 \longrightarrow 185 + 4 \longrightarrow 189$$

Musa ukusebenzisa indlela yekholam ezithe ngqo.

Uvavanyo luqala kwiphepha elilandelayo.

1. Landelelanisa la manani 432 , 324 , 243 , 342 ukusuka kwelona lincinci ukuya kwelona likhulu.

_____, _____, _____, _____

2. Bala ubuya umva ngama-100 ukusuka kuma-521.

521 _____; _____; _____; |2|

Biyela unobumba onempendulo echanekileyo ukusuka ku 3-6.

3. Phinda kabini ama-37 =

A 78

B 67

C 74

D 66

4. 3.15 a.m. kwiwotshi yosiba ubonisa ukuba ixesha ...

A ngumkhono emva kwentsimbi yesithathu kusasa.

B ngumkhono emva kwentsimbi yesithathu emva kwemini.

C ngumkhono phambi kwentsimbi yesithathu kusasa.

D ngumkhono phambi kwentsimbi yesithathu emva kwemini.

5. Sondeza i-132 kwelona 10 likufutshane.

A 140

B 135

C 130

D 100

6. Calucalula ama-254 ngokwamakhulu, amashumi nemivo.

A $200 + 50 + 4$

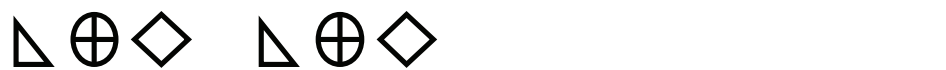
B $200 + 5 + 4$

C $200 + 5 + 40$

D $200 + 50 + 40$

7. Gqibezela u 7.1 no 7.2.

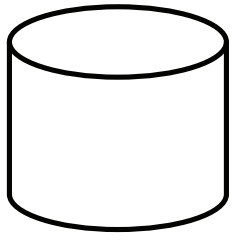
7.1 Phinda le pateni kube kanye.



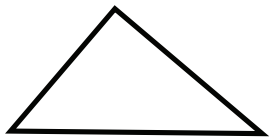
7.2 Bala usiya phambili ngama-20.

220; 240; _____; _____; _____

8. Bhala igama lento oyinikiweyo enokwakheka kuka 3-D.



9. Bhala igama lemilo oyinikiweyo.



10. Krwela umgca omnye qha obonisa ulingano-macala (isimetri) kule milo.

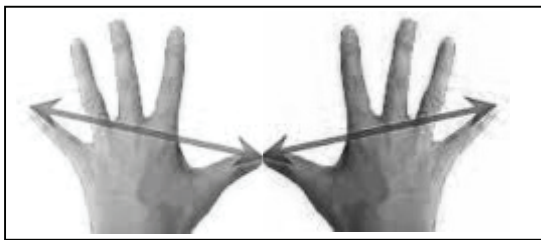


11. Bhala isimboli yenani elingamakhulu amathathu anamashumi amathathu anesithandathu.

12. Bhala eli nani ngamagama: 165.

13. Bhala ixabiso lenani elikrwelwe umgca ngaphantsi ku $\frac{472}{4}$ _____

14. Ububanzi besandla ngasinye ngu-10 cm.



Ububanzi bezandla xa zizonke ngu _____ cm.

Grqibezela izivakalisi ezilandelayo ku 15 no 16.



15. Ubunzima besepha engumgubo engentla bulinganiswa ngee _____.



16. Umthamo webhotile engentla ulinganiswa ngee _____.

17. Phendula imibuzo 17.1 no 17.2.

17.1 UXola utya amaqhekeza ama-2 etshokoletshi eboniswe ngezantsi.



Utye iqhezu letshokoletshi elingakanani uXola? _____

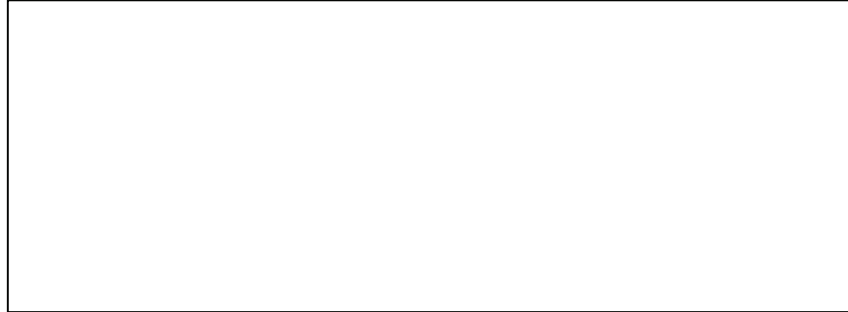
17.2 UZinzi utye ikota yetshokoletshi eboniswe ngezantsi.



Mangaphi amaqhekeza atyiwe nguZinzi? _____

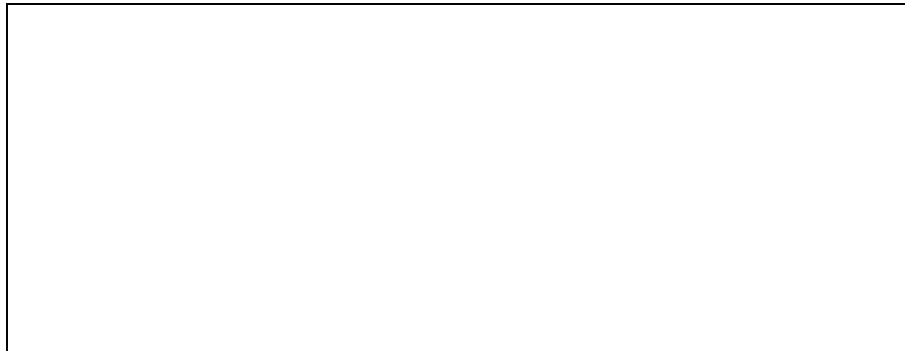
18. Fumana impendulo kwimibuzo 18.1 no 18.2.

18.1 Kwibhokisi yezinto zokudlala kukho iibhola zesoka ezili-12, ezombhoxo ezili-12 kunye nezentenyi ezili-12. Zingaphi iibhola zizonke?

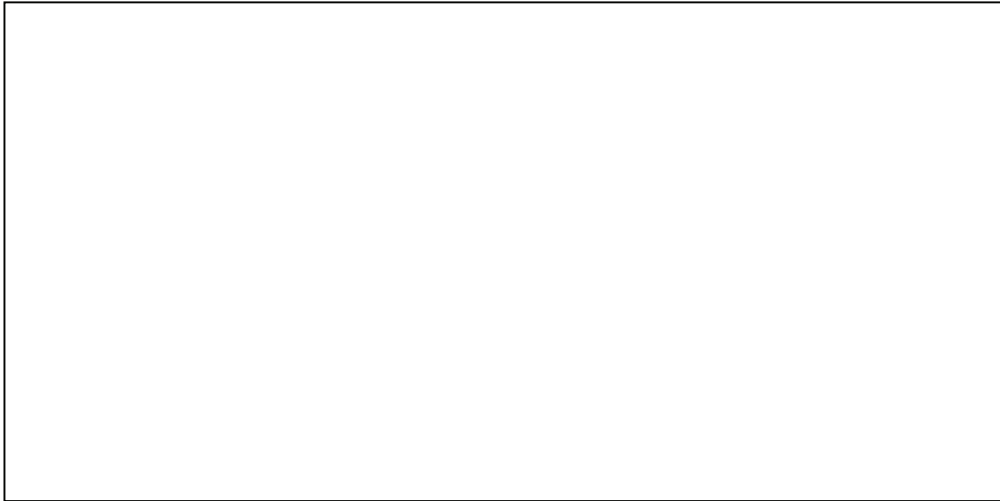


18.2 $5 \times 10 =$ _____

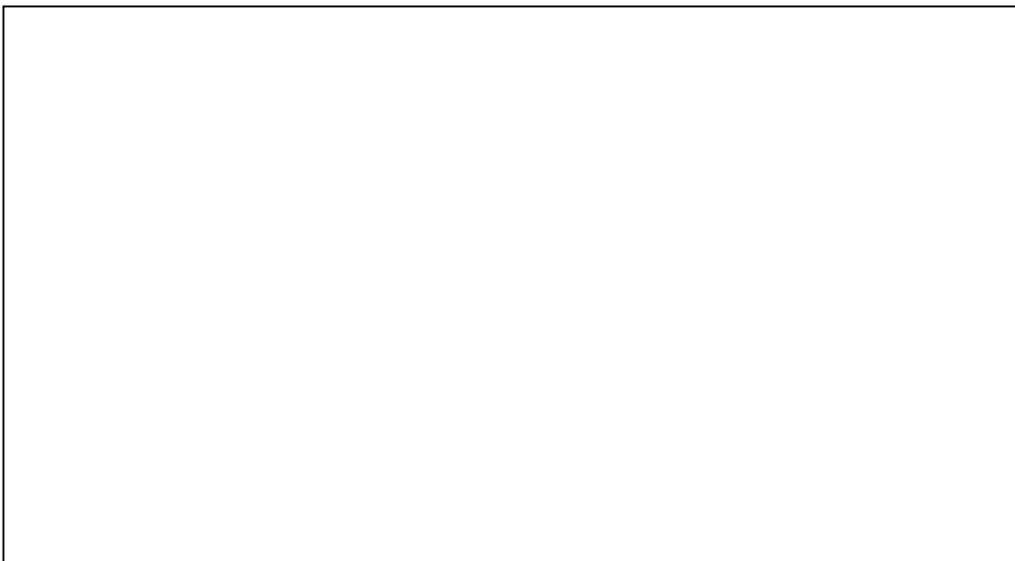
19. Umama wahlulele abantwana bakhe aba-3 iilekese ezingama-42 ngokulinganayo. Zingaphi iilekese ezifunyenwe ngumntwana ngamnye?



21. Bala $245 + 153$ usebenzisa indlela 'yokudibanisa' (yokongeza).

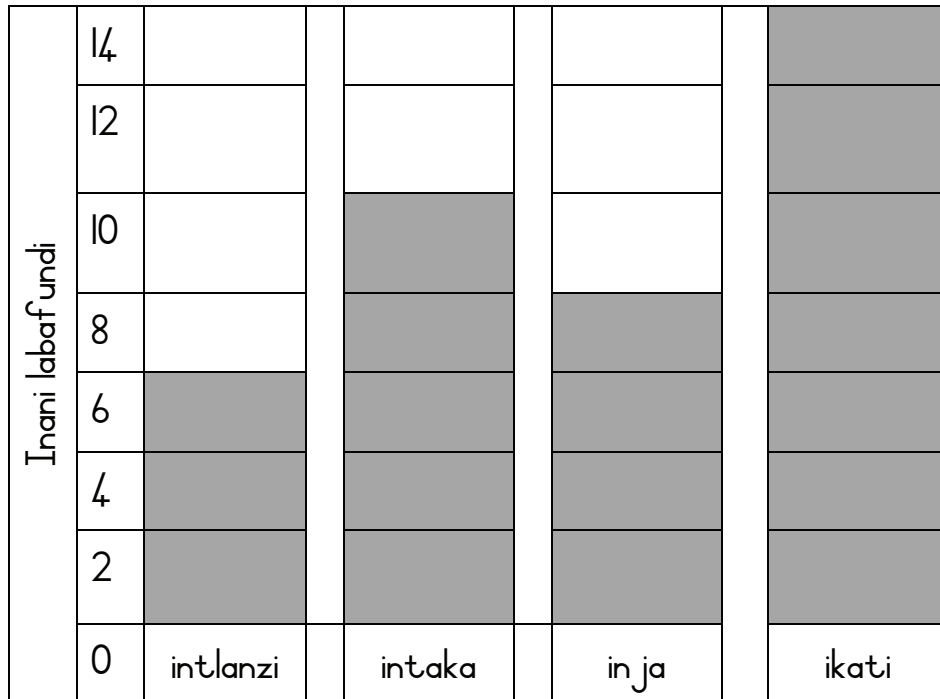


22. Bala $489 - 256$ usebenzisa indlela yokucalucalula.



23. Funda le bha grafu uze uphendule imibuzo elandelayo.




Izilwanyana ezithandwa ngabafundi



23.1 Sisiphi esona silwanyana sithandwa kakhulu? _____

23.2 Bangaphi abafundi abathanda inja? _____

24 Funda uluhlu lwamaxabiso angezantsi uze uphendule imibuzo elandelayo.

| | | |
|---|---|---|
|  <p>R25,00</p> |  <p>R13,50</p> |  <p>R18,25</p> |
| Igubu | Ikatala | Ixilongo |

24.1 Zeziphi izixhobo ezibini zokucula ongazithenga nge R38,50 nqo?

24.2 Uzola uthenga ixilongo aze abhatale nge R50 eliphepha. Yimalini itshintshi yakhe?

Uya kufumana i R _____, _____.

25. Guqula:

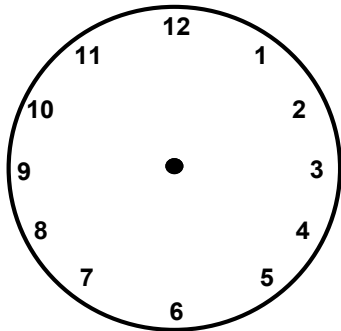
25.1 R3,50 = _____c

25.2 200c = R_____, _____

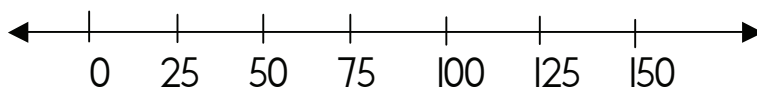
26. Bala $42 \div 2$.



27. Zoba iintsiba kwiwotshi ukuze zibonise ixesha elingu: 05:15.



28. Zoba imitsi kumgca-manani ukubonisa ukuba $25 + 25 = 50$.



EWONKE: 40

