



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

UKUHLOLWA KWELIZWELOKEKOMNYAKA 2013

IGREYIDI 3

IIMBALO-ISINDEBELE

IPHEPHA LEMBUZO ELISITJENGISO

Incwajana le inamaphepha ama-25 ngaphandle kwephepha lekhavara.

UMHLAHLANDLELA WOKUSETJENZISWA KWEEMBONISO ZE-ANA

1. Zingasetjenziswa bunjani iimboniso

Njengombana iimboniso zamagreyidi nezeemfundo sele zenziwe zaba yisede yinye ehlangeneko, **utitjhere akukafaneli kobana anikele abafundi yoke isede bonyana bayiphendule ngesikhathi esisodwa. Utitjhere kufanele akhethe imibuzo ekhambelana nesifundo esihleliweko nanyana kukunini.** Iimboniso zemibuzo ezikhethwe ngokuyelela ezikhamba ngamunye nofana imibuzo ekhamba ngeenqhema, ingasetjenziswa emazingeni ahluahlukeneko wendlela yekambiso yokufundisa nokufunda elandelako:

- 1.1 Ekuthomeni kwesifundo njengokuhlolwa kweemboniso ukubona ubukghoni nokubhalelwa kwabafundi. **Ukuhlolwa kweemboniso** (diagnosis) kufanele kuveze **umbiko ubuyako** ebafundini nekuhlelweni kweemfundo ezifaneleko ezizokuveza ukungakghoni begodu kuqinise ubukghoni. Ukuhlolwa kweemboniso kunganikelwa njengomsebenzi owenziwa ekhaya ukubulunga isikhathi seenlayelo ngetlasini.
- 1.2 Phakathi kwesifundo kungasetjenziswa njengokuhlola okwazisako (formative) ukuhlola bonyana abafundi bayathuthuka elwazini nemakghonweni anqotjhiweko njengombana isifundo siragela phambili bekuqinisekiswe bonyana akunamfundi osalelako.
- 1.3 Ekupheleni kwesifundo nofana kweemfundo eziimbalwa kwenziwe **ukuhlolwa ukuphethako** ukuhlola bonyana abafundi bathole ukuzwisisa okwaneleko begodu bayakghona ukusebenzisa ilwazi namakghono atholwe/afundwe eemfundweni esele ziqediweko. Abafundi bafanele banikelwe **umbiko obuyako** njalo njalo, ngesikhathi utitjhere athatha isiqu nto sokobana mhlawumbe kuneencenye zesifundo ezidinga ukubuyelelwa **ukuhlenganisa** ilwazi namakghono athileko.
- 1.4 Kiwoweke amazinga kufanele abafundi bavezelwe amathekniki ahluahlukeneko wokuhlola nofana wokubuza, isib. ukuphendulwa kwemibuzo ema- multiple choice (MC), open ended (OE) nofana imibuzo ema-free-responses (FR), imibuzo eneempendulo ezifitjhani, njll.

Njengombana ukuhlolwa kweemboniso (diagnostic) nezokwazisa (formative test) zingaba zifitjhani ngokuya kwenani lemibuzo efakiweko, ukuhlola okuphethako (summative) izokufaka imibuzo emineni abafundi bebafike emibuzweni ezeleko (Full Test) kuzokuya ngomsebenzi owenziweko ngesikhathi esithileko. Into eqakathekileko kuqinisekisa bonyana abafundi babanesikhathi esaneleko sokuzijayeza ukuphendula imihlobo yokuhlola efana nendlela yokuhlolwa ko HKN (ANA).

2. Imemorandamu nofana umhlahandlela wokuphendula

Isibonelo esifaneleko sependulo elindelekileko (imemorandamu) yomunye nomunye umbuzo weemboniso (exemplar) inikelwe begodu neyemibuzo yoHKN. Abotitjhere bafanele bayelele bonyana imemorandamu ingeze yaphelala. Imemorandamu inikela imithetho enabileko yeempendulo ezilindelekileko begodu abotitjhere bafanele baqalisise bebanikele ngokweendlela ezivumelekileko nangeendlela ezihlukeneko zeempendulo ezilindelekileko ezinikelwa bafundi.

3. Ukuqedwa kwekharikhyulamu

Kuqakatheke khulu bonyana ikharikhyulamu yenziwe ngokuzeleko kelinye nelinye itlasi. Iimboniso zelinye nelinye igreyidi nesifundo azikajamiseleli yoke ikharikhyulamu. Kukhethwe kwaphela ilwazi namakghono begodu nomsebenzi othatha amathemu 1, 2 neye-3 yomnyaka lowo kwaphela. Ukuhleleka komsebenzi okufanele wenziwe ngokuya kwamathemu uvezwe incwadini yeTTKH.

Zungelezela iledere elinependulo ekungiyi kizo zoke iimpendolo zokuzikhethelela.

1.1 Iinomboro ezihlelwe kusuka kencani ukuya kekulungilezi...

A 53 , 17 , 59 , 95 , 35

B 59 , 17 , 95 , 35 , 53

C 95 , 59 , 53 , 35 , 17

D 17 , 35 , 53 , 59 , 95

1.2 Hlela iinomboro lezi kusuka kezikulukhulu kuya kezincanikhulu.

A 125, 521, 251, 215

B 251, 215, 125, 521

C 521, 251, 215, 125

D 125, 215, 251, 521

1.3 Hlela iinomboro onikelwe zona kusuka kezikulukhulu kuya kezincanikhulu.

533 , 137 , 539 , 935 , 335

1.4 Hlelaiinomborolezikusukakezincanikhulukuyakezikulukhulu.

30, 27, 64, 51, 24, 99

2.1 Ama-607 nawuwahlukanisa phakathi kuzokuba...

A $70 + 600 + 60$

B $7 + 60 + 60$

C $600 + 7$

D $700 + 6 + 70$

2.2 Hlukanisaama- 760.

_____ + _____

2.3 Ama-67 nawuwahlukanisaphakathikuzokuba...

A $70 + 60 + 6$

B $7 + 60$

C $600 + 7$

D $700 + 6 + 60$

3.1 Ama -39 nawuwabulayelega kabili uthola...

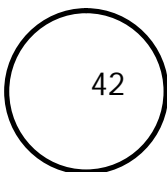
- A 69
- B 79
- C 78
- D 96

3.2 Buyelela $59 \times 2 =$

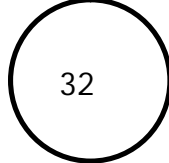
- A 181
- B 118
- C 1018
- D 169

3.3 Faka itshwayo(✓) ngendulungwini lapho kunama-26 abuyelelweko.

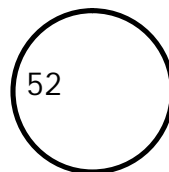
a.



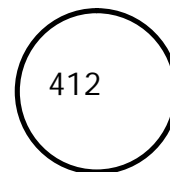
b.



c.



d.



4.1 Ama-642 atj hideze eduze ne-10...

A 700

B 655

C 640

D 600

4.2 Ipendulo izokuba ngubanina ngabe ama-462 atj hidezwe e 10?

A 624

B 426

C 246

D 460

4.3 Ama- 266 atj hidezeeduze ne 10 = _____

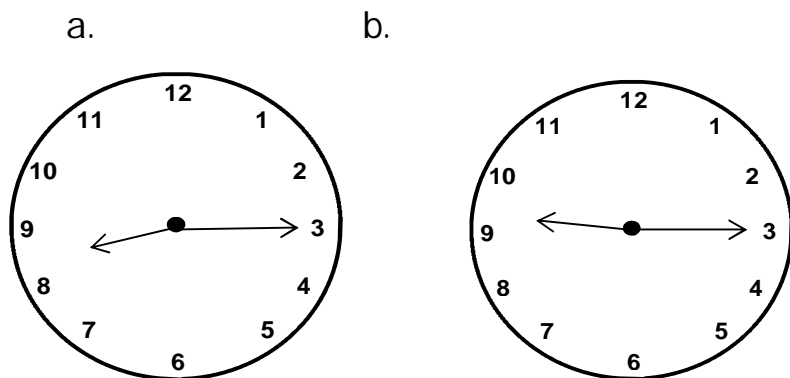
5.1 Nangabe isikhathi sikhombisa 9:50 ekuseni ewatj hini ye-analogo kutj ho bona sikhathi bani:

- A Litj humilemizuzulibethile i-iriletj humiebusuku.
- B Litj humilemizuzulibethile i-iriletj humiekuseni.
- C Litj humilemizuzungaphambikwe i-iriletj humiebusuku.
- D Litj humilemizuzungaphambikwe-iriletj humiekuseni.

5.2 Nangabeisikha thisikhombisa 9:50 entambamaewatj hini ye-analogokutj ho bona sikhathibani:

- A Litj humilemizuzulibethile i-iriletj humiebusuku.
- B Litj humilemizuzulibethile i-iriletj humiekuseni.
- C Litj humilemizuzungaphambikwe i-iriletj humiebusuku.
- D Litj humilemizuzungaphambikwe i-iriletj humiekuseni.

5.3 Tshwaya iwatj hi elitj engisa u 9:15 ekuseni ewatj hini ye-analogo



6.1 Amafraktj hininakahlelwekusukelakamancaniukuyakamkhulu...

- A 1 kota, 1 hafu, 1 kokuhlanu, 1 kokuthathu
- B 1 hafu, 1 kokuthathu, 1 kota, 1 kokuhlanu
- C 1 kokuthathu, 1 kokuhlanu, 1 kota, 1 hafu
- D 1 kokuhlanu, 1 kota, 1 kokuthathu, 1 hafu

6.2 Nomboraamafraktj inilawaukusukelakwelikhuluukuyakwelincani

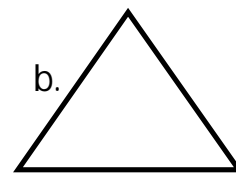
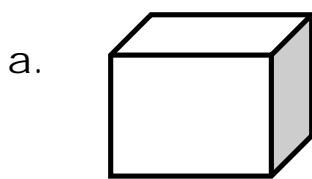
a. b.

c.

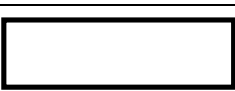



d.



7.1 Tlola amagama amabumbeko la: ubusobuntathu 3-D nobusobubili 2-D

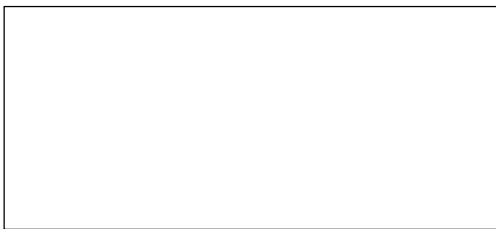


7.2 Madanisa amaj amo obubuso buntathu 3-D nalawo obubuso bubili 2-D negama lakhona.

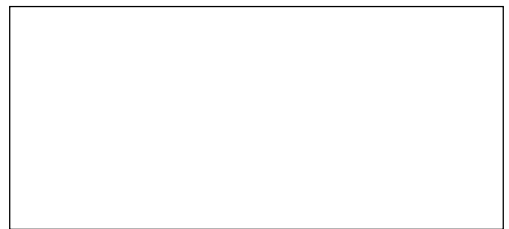
	Ncatathu
	Khyubhu
	Ncane
	Silinda

7.3 Gwala ngemabhokisini.

a. Elinye nelinye ij amo eli- 2- D



b. Enye nenye into ebu- 3-D



8.1 Qedelela iphettheni elandela kokanye.



8.2 Qedelelaiphet henielandelakokabili.




8.3 Ngezelelaiphet heniekhulakole kanye .



9.1 Sebenzisaindlela

“yokuhlukanisaiinomboro” ukubalalokhuokulandelako:

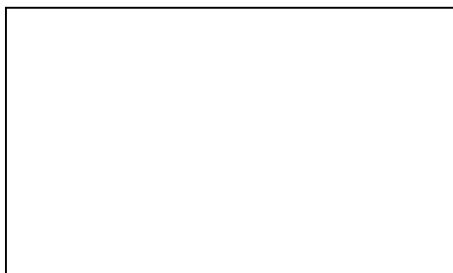
a. $689 - 237$



b. $382 + 416$



c. $39 \div 3$



d. 23×2

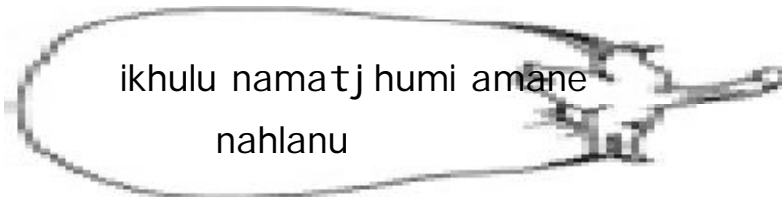
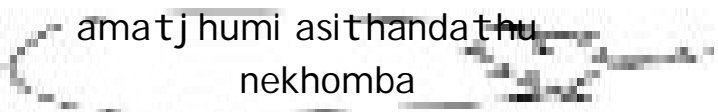
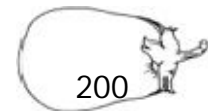


10. Qedelela enye nenyi iphettheni yeenomboro:

- a. 122; _____; 162; _____; 202; _____; _____.
- b. 475; 450; 425; _____; _____; _____; _____.
- c. 173; 172; 171; _____; _____; 168; 167; _____.
- d. 195; 190; _____; _____; 175; _____; 165.

11.1 Tlola igama lenomboro le- 486.

11.2 Madanisa itshwayo lenomboro negama lenomboro.



11.3 Igama lenomboro ama-754 lithi ...

- A Amakhulu alikhomba namatj humi amane nahlanu.
- B Amakhulu amahlanu namatj humi amahlanu nane.
- C Amakhulu amane namatj humi alikhomba nahlanu.
- D Amakhulu alikhomba namatj humi amahlanu nane.

11.4 Tlola itshwayo lenomboro amakhulu amathathu nethoba.

11.5 Tlola itshwayo lenomboro amakhulu asithandathu namatj humi alithoba nobunane ...

- A 986
- B 869
- C 698
- D 689

11.6 Tlola amatshwayo weenomboro ezilandelako ...

- a. Ikhulu namatj humi alithoba nane: _____
- b. Amatj humi alikhomba nobunane: _____

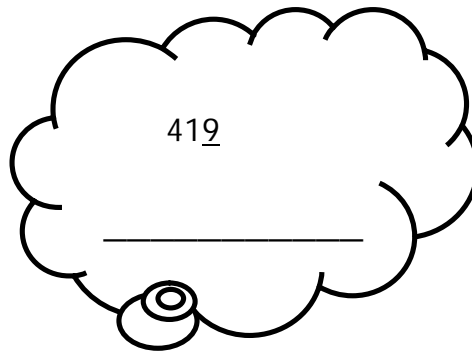
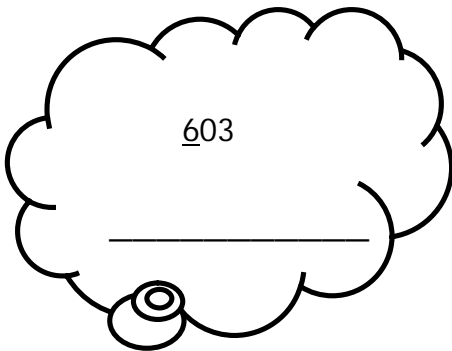
12.1 Tlolaubungakobedij it hielit halelweko 754

12.2 Tlolaubungakobeenomboroezithalelweko.

a. 456 _____

b. 374 _____

12.3 Tlola ubungako beenomboro ezithalelwako ezingemafini.



a.

b.

13.1 Tlola inomboro engenzasingendlela efitj hani.

5 + 600 = _____

13.2 Yakha iinomboro ezilandelako.

$$100 + 80 + 9 = \underline{\hspace{2cm}}$$

$$100 + 100 + 0 + 0 = \underline{\hspace{2cm}}$$

$$40 + 30 + 2 + 1 = \underline{\hspace{2cm}}$$

13.3 Hlukanisaiinomboroezilandelako.

a. $136 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$

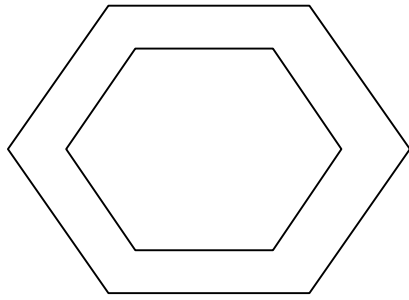
b. $36 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$

14.1 Qedelelaukulandelanakweenomborookulandelako.

a. 412; 410 ; 408 ; $\underline{\hspace{1cm}}$; $\underline{\hspace{1cm}}$; $\underline{\hspace{1cm}}$; $\underline{\hspace{1cm}}$

b. 123; 126; 129, $\underline{\hspace{1cm}}$; $\underline{\hspace{1cm}}$; $\underline{\hspace{1cm}}$; $\underline{\hspace{1cm}}$.

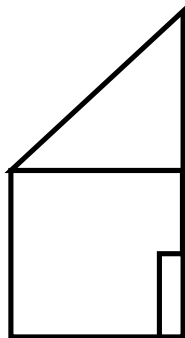
15.1 Gwala umuda wesimethri ej ameni elilandelako.



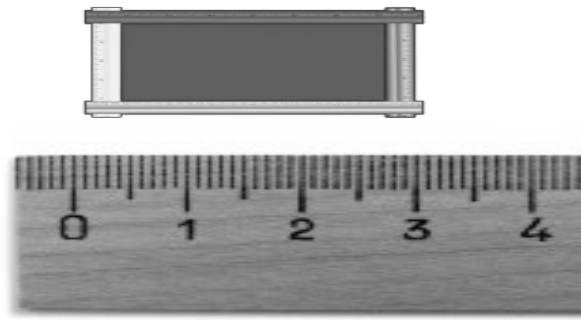
15.2 Khombisa umuda wesimethri kuncamane ongenzasi.



15.3 Gwala elinye ihlangothi lendlu engenzasi.



16.1 Buyini ubude besithombe esingenzasi?



_____ cm

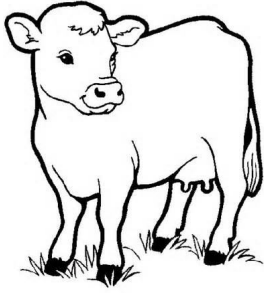
16.2 Zungelezelaigamaekungiloeembayaneni.

a. Ngimude nge-7 (gremu, sentimitha, litha) kunomnganiwami.

b. Ubudisibamibudlula i-15(khilogremu, mitha ,mililitha).

a. Ubabauzalisaiphetrolielokoyini nga-50(milimitha, gremu, litha).

17.1 Zungelezela igama ekungilo elinge embayaneni.



a. Ubudisi bekomo bulinganiswa ngama (khilogremu, sentimitha).



b. Umthamo wekomitji yekofi ulinganiswa ngama (mitha, mililita).

17.2 Qedelela.

Nangabe ibhodlelo linye lesiselo esimakhaza sizalisa amarhalasi ama-4 lokhokutj ho bona....

- 2 yamabhodlelo angazaliswa marhalasi ama_____.
- 5 yamabhodlelo angazaliswa marhalasi ama _____.
- _____ yamabhodlelo angazalisa40 wamarhalasi.
- _____ yamabhodlelo angazalisa amarhalasi ali-12.


17.3 Hlelaimithamokusukelakomncanikuyakomkhulu.

500 ml, 5 ml, 1l, 250 ml

_____ / _____ / _____ / _____ .

18. Khombisa koke ukubalisisa eembalweni ezilandelako.

18.1 Abesana abathathu nabentazana ababili baneembhayisikili ezinamavilo amathathu. Mangaki amavilo weembhayisiki linasele awoke?



18.2 Utitj here uneentokana ezima-45 zetj hogo. Wanikelwa ezinye iintokana ezima-40 godu. Utij here wahlukanisela abafundi bakhe abane iintoka nalezo ngokulinganako. Umfundi ngamunye uthole iintokana ezingaki zetj hogo? Begodu kusele zingaki?

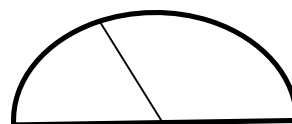
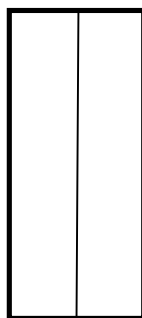
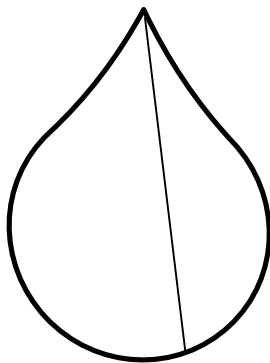


18.3 UDonald unamalolipopo amatj humi alithoba nathoba afuna ukuwabela abomzala bakhe abathathu ngokulingana oko. Umzala wakhe ngamunye uzokuthola amalolipopo amangaki?

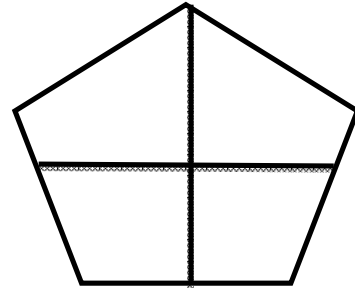
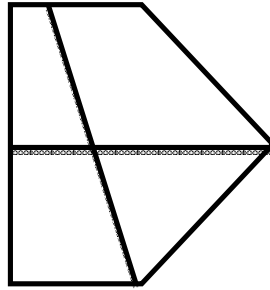
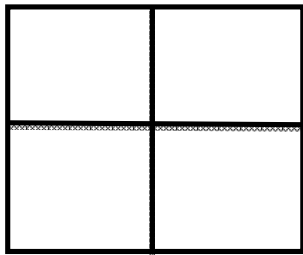


18.4 UBobubuthelele amabhodlelo ali-122 ukuyokwenza umkhiqizo omutj ha. Kwaphuka amabhodlelo ama-38. Mangaki amabhodlelo angakaphuki?

19.1 Zungelezela ij amo elihlukaniswe labayihafu.



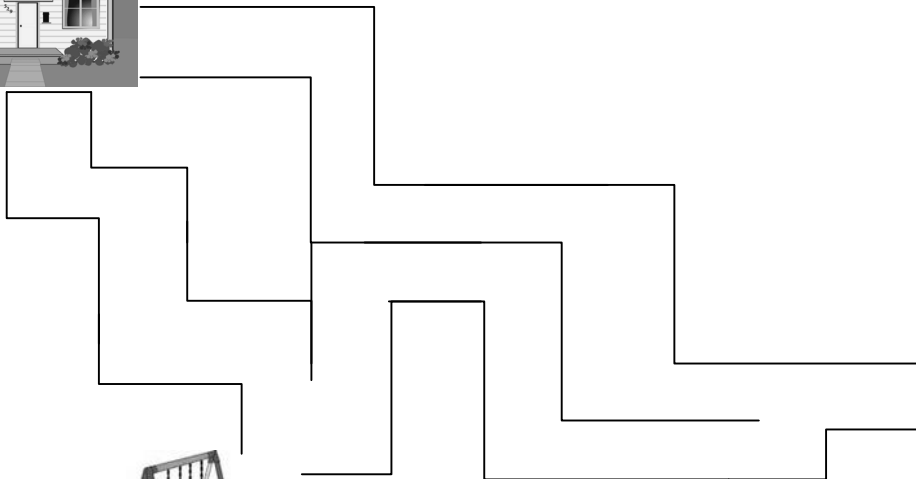
19.2 Faka umbala ij amo elihlukaniswe ngamakota.



20.1 uSipho uphume emnyango wangaphambili endlini yekhabo, waj ikela ngesinceleni wayokufika ephageni.

Gwala abotj hobi edayagramini ukutj engisa iindlela azisebenzileko.

Ekhabo kaSipho

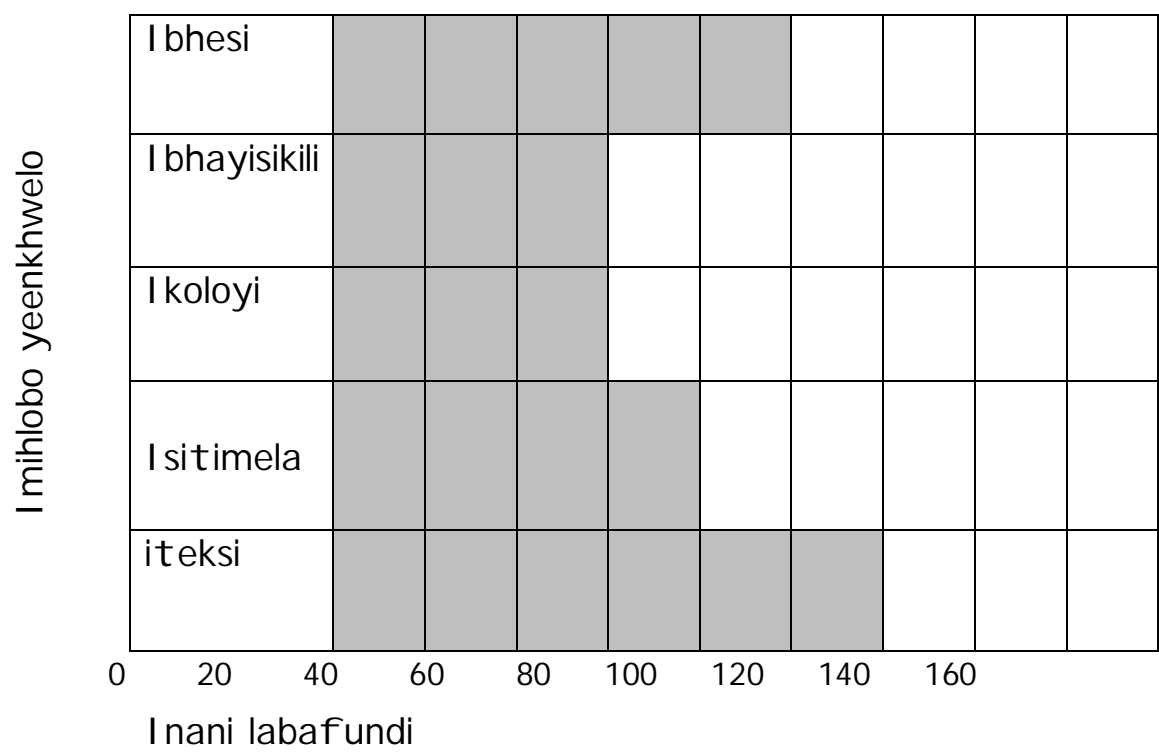


Ephageni

20.2 USipho ujikele kangaki ngesinceleni ngaphambi kobana afike ephageni?

21.1 Funda igrafu elandelako bese uphendula imibuzo.

Iinkhwelo zabafundi



a. Abafundi abanengi beza ngani esikolweni?

b.	Banengi kangangani abafundi abeza esikolweni ngebhesi kunalabo abeza ngekoloyi?		
<hr/>			

21.2	Funda igrafu elandelako bese uphendula imibuzo.					
Ubude babafundi begreyidi le-3						
Ubude ngamase ntimitha	155					
	150					
	145					
	140					
	135					
	130					
	125					
	120					
	115					
	110					
	105					
	100					
		Themba	Jane	Nomsa	Titj here	Lea

a. Ngubani omfitj hani khulu ngetlasini leli?

b. Yini umehluko phakathi kobude bakatitj here nobakaNomsa?

c. Ngibaphi abafundi abanobude obulinganako?

c. Nangabe uJane uj ama ehloko kaThemba buzokuba ngangani ubude babona buhlangeneko?

22.1 Qala amanani wama-ayithemu alandelako bese uphendula imibuzo.



a. Ngiwaphi ama-ayithemu amathathu ongawathenga ngokulingana poro ngama-R50?

b. Nawuthenga ibholo ubhadela ngama- R50 ungabuyelwa yimalini itj hentj hi?

c. I biza khulu kangangani incwadi kunebholo?

22.2 Sebenzisa irhelo lokudla ukuphendula imibuzo elandelako.

I menu	
I inyongana zekukhu ezi-2	R10,00
I imphiko ezi-4	R25,00
I bhega yenyama yekukhu	R15,50
I komitji yesobho yekukhu	R9,95

a. UBeauty nakathenga iimbhega ezi-2 nekomitji lesobho yekukhu linye uzokubhadela malini?

b. UBeauty nakathenga iimbhega ezi-2 nekomitji lesobho yekukhu linye uzokubuyelwa yimalini itj hentj hi nangabe ubhadela ngama-R50?

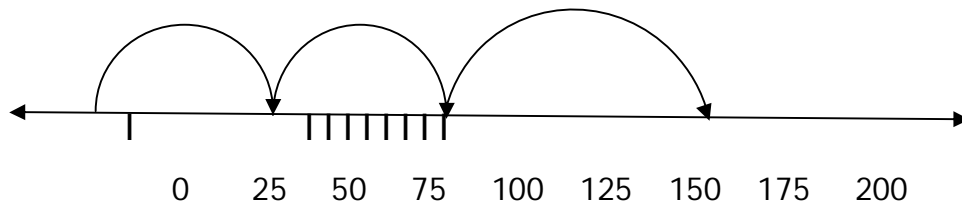
c. Ungabuyelwa yitj hentj hiyamalininawuthengaiinyonganazekukhu ezi-2, neemphikozekukhu ezi-4 ngama R60?

22.3 Tj hugulula:

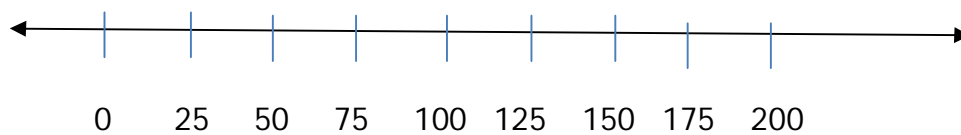
a. R9.95 ibe _____c

b. 1550c ibe R_____

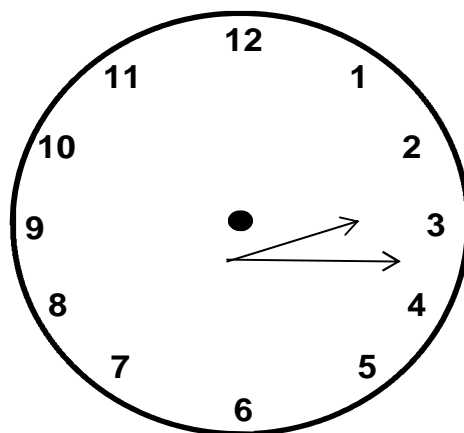
23.1 Sebenzisa inambalayini utlole ukuhlanganisa inomboro.



23.2 Gwala imeqo kunambalayini ukhombise umutj ho weenomboro
 $200 - 50 =$ _____

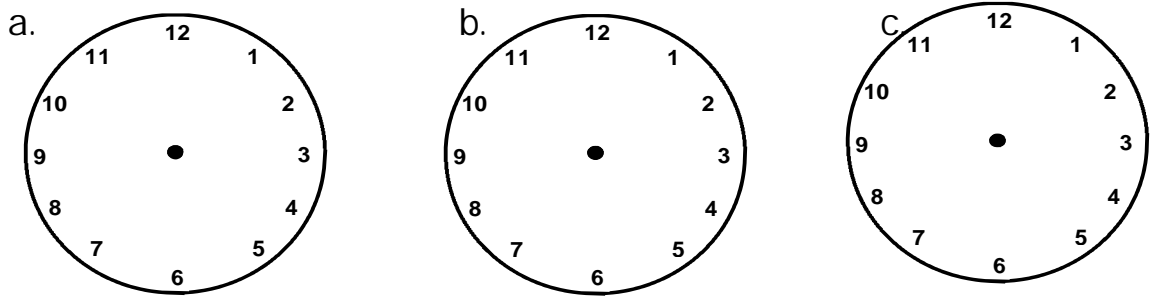


24.1 Qedelela umutj ho ongenzasi.



I sikhathi esikhonj iswe ewatj hini le sithi _____

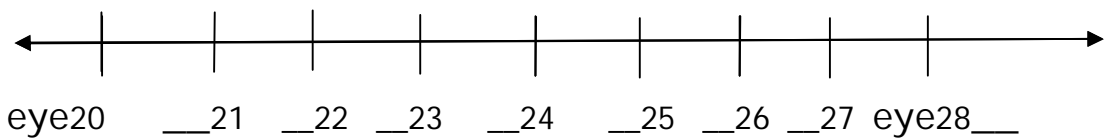
24.3 Gwala izandla kobunye nobunye ubuso bewatjhi ukhombise isikhathi esivezwe ngenzasi.



25.1 Zalisa ngeenomboro sikhundla.

eye 11	eye 12				eye 16
eye 20	eye 21		eye 23		

25.2 Qedelela inambalayini le.



25.3 Madanisa itshwayo lenomboro negama leenomboro.

Koku 1	Kwamatj humi amabili nambili
Kwama 22	Kwetj humi nane
Kwama 23	kokuthoma
Kwe14	Kwamatj humi amabili nantathu