



# basic education

Department:  
Basic Education  
REPUBLIC OF SOUTH AFRICA



## UVAVANYO LONYAKA NONYAKA KUZWELONKE 2015 IBANGA 3 IMATHEMATIKA: ISIXHOSA UVAVANYO

AMANQAKU: 40

AMANQAKU	
----------	--

IXESHA: 1 IYURE

IPHONDO \_\_\_\_\_

ISITHILI \_\_\_\_\_

ISEKETHE \_\_\_\_\_

ISIKOLO \_\_\_\_\_

INOMBOLO YE-EMIS (9 iidijithi)

--	--	--	--	--	--	--	--	--

IBANGA (Umz. 3A) \_\_\_\_\_

IFANI \_\_\_\_\_

IGAMA \_\_\_\_\_

ISINI (✓)

INKWENKWE	
-----------	--

INTOMBAZANA	
-------------	--

UMHLA WOKUZALWA

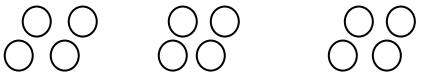
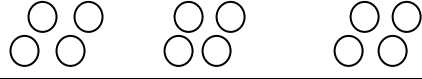
C	C	Y	Y	M	M	D	D
---	---	---	---	---	---	---	---

Olu vavanyo lunamaphepha ali-11 ngaphandle koqweqwe.

**Umyalelo kumfundi:**

1. Funda yonke imiyalelo nemibuzo ngocoselelo.
2. Utitshala uza kukuncedisa ekwenzeni imisebenzi yokuziqhelisa phambi kokuba uqalise ukubhala uvavanyo.
3. Phendula yonke imibuzo kwizithuba okanye kwiibhokisi ozinikiweyo.
4. Wonke umsebenzi mawenziwe kweli phepha nakwiibhokisi ozinikiweyo, musa ukusebenza kwiphepha elisecaleni.
5. Ukusetyenziswa kwekhaltyhuleyitha akuvumelekanga.

I misebenzi yokuziqhelisa

<p>Biyela unobumba onempendulo echanekileyo.</p> <p>1. Sesiphi isivakalisi samanani esingqamana nomfanekiso?</p> <div style="border: 1px solid black; padding: 5px; display: flex; justify-content: space-around; align-items: center;">  </div> <p>A <math>4 + 3</math></p> <p>B <math>12 - 4</math></p> <p>C <math>3 \times 3</math></p> <p>D <math>3 \times 4</math></p>	<p>Uphendule kakuhle umbuzo ukuba ubiyele unobumba D.</p> <div style="border: 1px solid black; padding: 5px; display: flex; justify-content: space-around; align-items: center;">  </div> <p>A <math>4 + 3</math></p> <p>B <math>12 - 4</math></p> <p>C <math>3 \times 3</math></p> <p><input checked="" type="radio"/> D <math>3 \times 4</math></p>
--	---

<p>2. Bala i-<math>125 + 64</math> usebenzise nayiphi indlela 'yokucalucalula'.</p>							
<table border="1" style="width: 100%; height: 100%;"> <tr><td style="height: 20px;"> </td></tr> <tr><td style="height: 20px;"> </td></tr> <tr><td style="height: 20px;"> </td></tr> <tr><td style="height: 20px;"> </td></tr> <tr><td style="height: 20px;"> </td></tr> <tr><td style="height: 20px;"> </td></tr> </table>							<p>Uphendule kakuhle umbuzo ukuba impendulo yakho li-189.</p> $125 + 64$ $= 100 + 20 + 5 + 60 + 4$ $= 100 + 20 + 60 + 5 + 4$ $= 100 + 80 + 9$ $= 189$

Uvavanyo luqala kwiphepha elilandelayo.

1. Landelelanisa: 674; 467; 647; 476 ukusuka kwelona lincinci ukuya kwelona likhulu.

\_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

2. Bala ubuya umva ngama-100 ukusuka kuma-632 ukuya kuma-232.

632; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; 232

Biyela unobumba onempendulo echanekileyo ukusuka kwinombolo yesi-3 ukuya kweye-6.

3. Phinda kabini i-147.

A 184

B 248

C 294

D 287

4. Iveki enye ilingana neentsuku ezi ...

A 5

B 7

C 2

D 31

5. Sondeza i-16 kwelona 10 likufutshane.

A 15

B 20

C 10

D 16

6. Calucalula ama-621 ngokwamakhulu, amashumi nemivo.

A  $600 + 20 + 6$

B  $600 + 20 + 0$

C  $600 + 2 + 10$

D  $600 + 20 + 1$

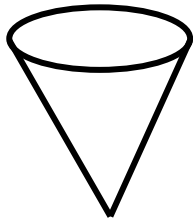
7. Yandisa kube kanye ipateni ekhulayo.



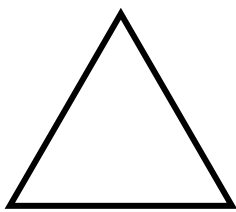
8. Bala usiya emva ngama-25.

625; 600; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_

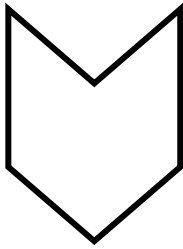
9. Bhala igama lento oyinikiweyo.



10. Bhala igama lemilo oyinikiweyo.



11. Krwela umgca obonisa ulingano-macala (isimetri) kule milo ilandelayo.



12. Bhala inani ngeedij ithi: amakhulu amathathu anamashumi alithoba anesibhozo.

\_\_\_\_\_

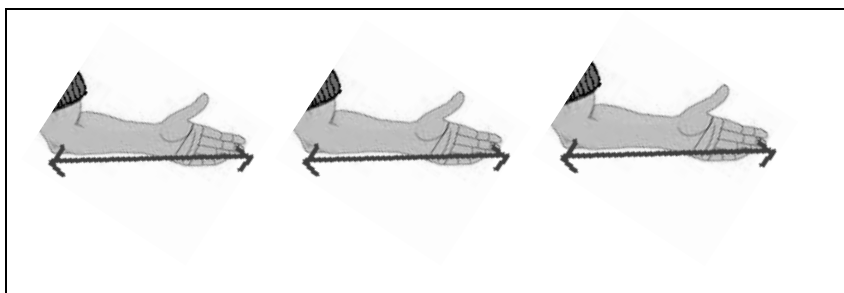
13. Bhala eli nani: 275 ngamagama.

\_\_\_\_\_

14. Bhala ixabiso ledij ithi ekrwelwe umgca ngaphantsi kweli nani:

548 \_\_\_\_\_

15. Ukuba umlinganiselo wengalo enye ngama-20 cm, bungakanani bubonke ubude beengalo ezintathu?



Ubude bubonke beengalo ezintathu bungama \_\_\_\_\_cm.

Biyela unobumba wempendulo echanekileyo kwi-16 ne-17

16. Ubunzima bepakethi yeetshiphsi bungalinganiswa nge ...
- milimitha.
  - grem.
17. Umthamo webhotile ungalinganiswa nge ...
- sentimitha.
  - litha.
18. Umbhaki usika ikeyiki ibe zizilayi ezi-9 ezilinganayo aze ohlulele ngokulinganayo abantwana aba-3.

18.1 Ufumene izilayi ezingaphi umntwana omnye?

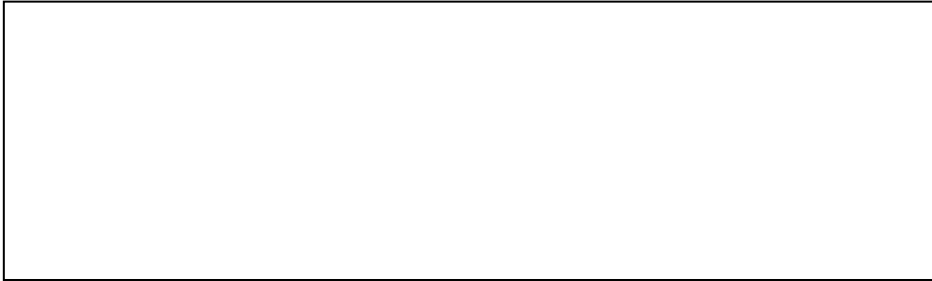


Umntwana omnye ufumene \_\_\_\_ izilayi, kwizilayi ezi-9 ezilinganayo.

18.2 Leliphi iqhezu lekeyiki elifunyanwa ngumntwana ngamnye?

Iqhezu si \_\_\_\_\_.

19. Kwivenkile kukho iihempe ezi-19 eziluhlaza, 19 ezimhlophe kunye nezi-19 ezibomvu. Zingaphi ihempe zizonke?



Zizonke zingama \_\_\_\_\_ iihempe.

20. Bala:

$$7 \times 4 = \underline{\hspace{2cm}}$$

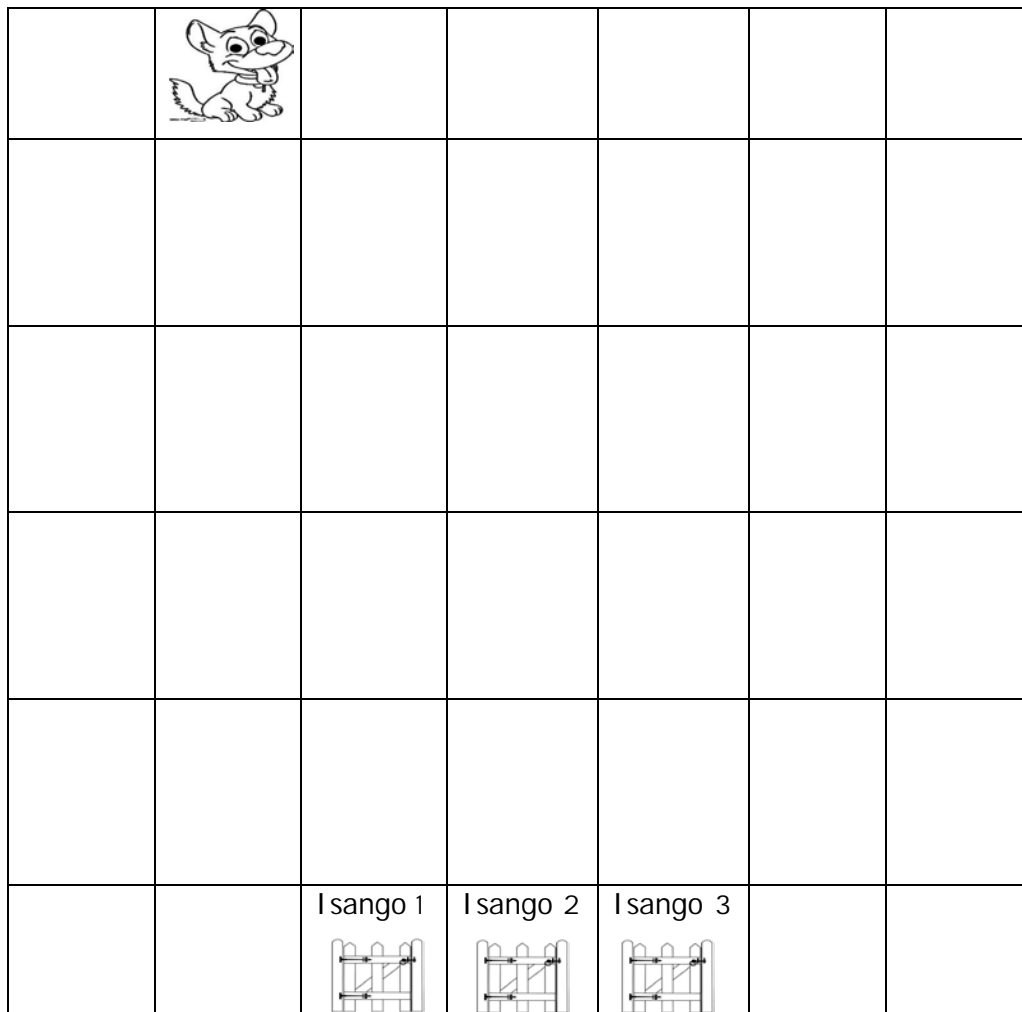
21. UTumi uneziciko zeebhotile ezingama-75. Uyazohlula ngokwamaqela ama-5 alinganayo. Zingaphi iziciko zeebhotile kwiqela ngalinye?



Iziciko zi \_\_\_\_\_ kwiqela ngalinye.



22. Inj ana ibaleka iibhloko ezi-3 ukuya ngasekunene, kunye neebhloko ezi-5 ukuhla.



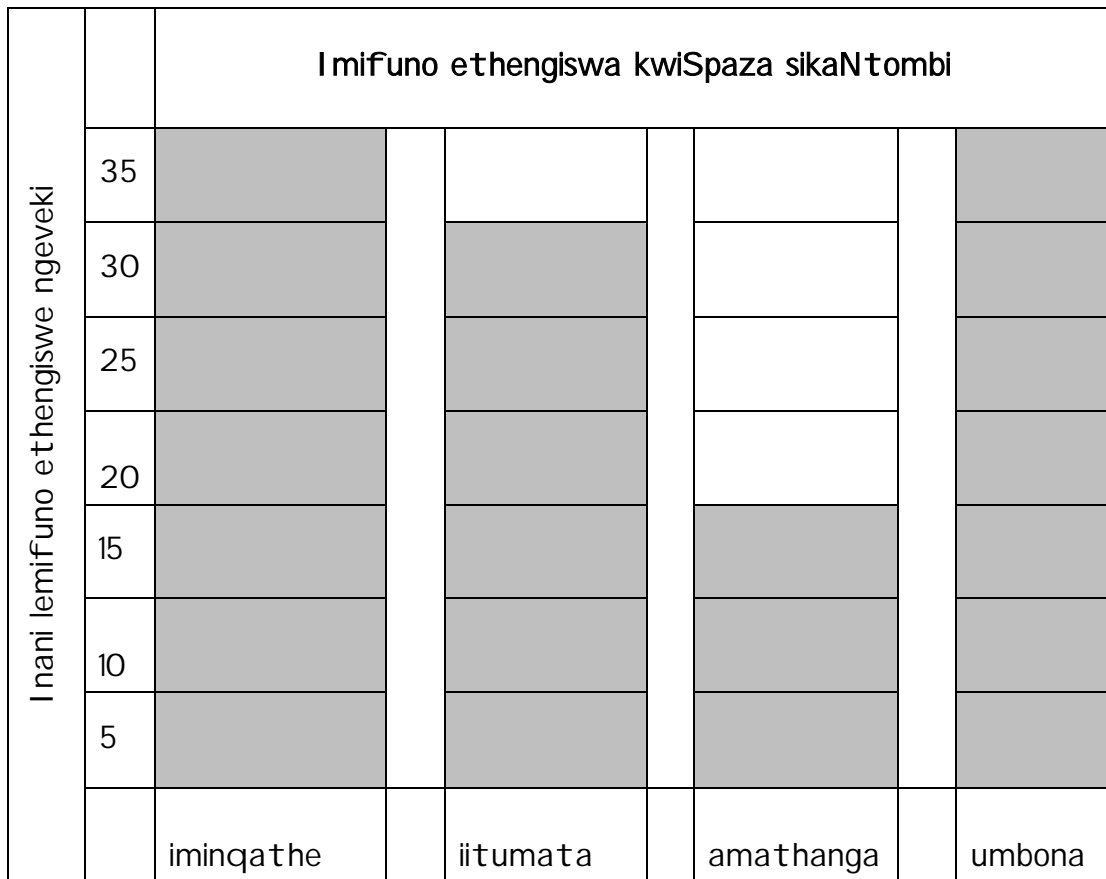
22.1 Leliphi isango inj ana ebalekele kulo? Isango \_\_\_\_\_

22.2 Zingaphi zizonke iibhloko enqumle kuzo inj ana? \_\_\_\_\_

23. Bala:  $158 + 31$

24. Bala  $786 - 421$  usebenzise nayiphi indlela yokucalucalula.

25. Funda igrafu uze uphendule imibuzo elandelayo:

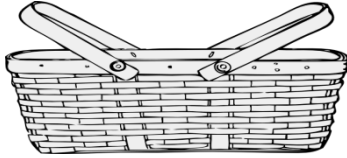
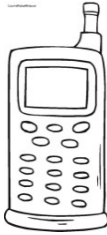



25.1 Mingaphi iminqathe ethengiswe nguNtombi? \_\_\_\_\_

25.2 Zininzi kangakanani iitumata ezithengiswe nguNtombi kunamathanga?

\_\_\_\_\_

26. Jonga imifanekiso namaxabiso ngezantsi.

		
R15,00	R10,00	R5,00
ibhaskiti	iselula	unodoli

Ziza kuxabisa malini ibhaskiti, iselula nonodoli xa zizonke?

Ziza kuxabisa R\_\_\_\_\_ zizonke.

27. Guqula ...

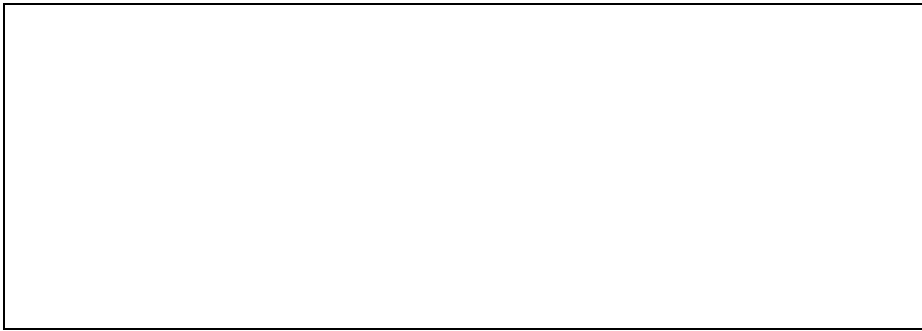
27.1 iirandi zibe ziisenti.

$$R5,00 = \text{_____}c$$

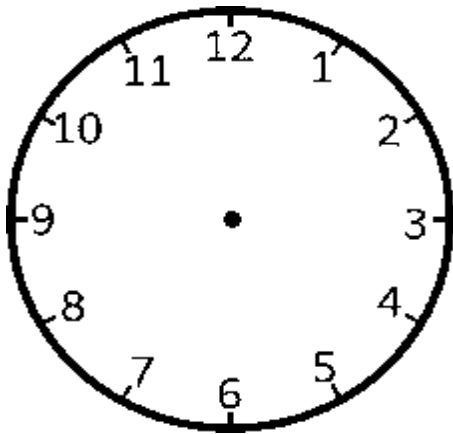
27.2 iisenti zibe ziirandi.

$$1000c = R\text{_____}$$

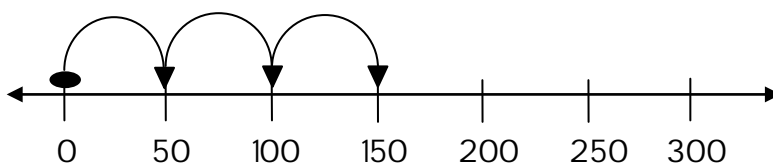
28. Bala:  $35 \div 5$



29. Zoba iintsiba kwiwotshi ukuze zibonise ixesha elingu: 09:15.



30. Bhala isivakalisi-manani esiboniswa yimitsi ekumgca-manani.



---

EWONKE: 40

