



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

TIMARAKA

XIKAMBELO XA TIKO XA LEMBE NA LEMBE 2013 GIREDI 3 MATEMATIKI - XITSONGA XIKAMBELO

TIMARAKA: 40

NKARHI: AWARA YIN'WE

XIFUNDZHANKULU _____

RHIJINI _____

XIFUNDZHANTSONGO _____

VITO RA XIKOLO _____

NOMBORO YA EMISI (9 wa tidijiti)

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TLILASI (xik. 3A) _____

XIVONGO _____

VITO _____

RIMBEWU(✓)

MUFANA

NHWANYANA

SIKU RO VELEKIWA

C	C	Y	Y	M	M	D	D
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Xikambelo lexi xi na tipheji ta 12 leti nga katsiki pheji leri.

Swiletelo swa mudyondzisi

1. Hlamula swivutiso hinkwaswo eka swivandla leswi nyikiweke.
2. Ntirho hinkwawo wu fanele ku va wu vonaka eka buku ya swivutiso ku nga ri eka phepha ro tirhela eka rona.
3. Ku tirhisa tikhalikhuleyita a swi pfumeleriwi.
4. Xikambelwana lexi xi na timaraka ta 40.
5. Nkarhi lowu pimiweke ku tsala xikambelwana i 60 wa timinete.
6. Mudyondzisi u ta ku pfuna ku hlamula xivutiso xo titoloveta.

Xitoloveto

Hlanganisa: $125 + 64$

Nhlamulo: Tirhisa tinhlayo ta menthele.

$$125 + 64 = 189.$$

kumbe

Nhlamulo: hi ku tirhisa maendlelo yo tlhantla.

$$125 + 64$$

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

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

$$= 100 + 80 + 9$$

$$= 189$$

kumbe

Nhlamulo: hi ku tirhisa maendlelo yo hlanganisa.

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

A wu fanelanga ku tirhisa mahlanganiselo "yo ya ehansi".

Xikambelo xi sungula eka phej i leri landzelaka.

Tsondzela letere leri nga na nhlamulo leyi nga yona eka swivutiso swa 1- 6

1. Xaxameta 172, 217, 127, 712 ku suka eka leyintsongo ngopfu ku ya eka leyikulu ngopfu.

A 217, 127, 721, 172

B 721, 217, 172, 127

C 172, 127, 721, 217

D 127, 172, 217, 712

2. Tlhantlha nomboro 489.

A $80 + 900 + 4$

B $400 + 80 + 9$

C $90 + 40 + 80$

D $800 + 90 + 40$

3. 39 loko yi mbirhiha tiwile =

A 69

B 79

C 78

D 96

4. Katsakanya 642 hi va10.

A 700

B 655

C 640

D 600

5. 9.45 a.m. eka xikombankarhi xa analogo yi komba leswaku nkarhi i ...

A kotara ku bile awara ya khume nimadyambu

B kotara ku bile awara ya khume nimixo

C kotara ku nga si ba awara ya khume nimadyambu

D kotara ku nga si ba awara ya khume nimixo

6. Xaxameta tifurakixini/swiphemu leti: 1 hafu, 1 kotara, 1 xa nharhu, 1 xa ntlhanu ku suka eka leyikulu ngopfu ku ya eka leyintsongo ngopfu.

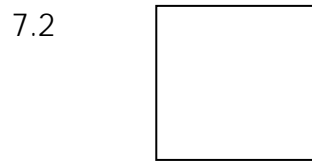
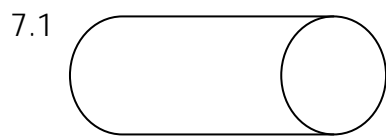
A 1 kotara, 1 hafu, 1 xa ntlhanu, 1 xa nharhu

B 1 hafu, 1 xa nharhu, 1 kotara, 1 xa ntlhanu

C 1 nharhu, 1 xa ntlhanu, 1 kotara, 1 hafu

D 1 xa ntlhanu, 1 kotara, 1 xa nharhu, 1 hafu

7. Tsala vito ra xivumbeko xa 3-D na xivumbeko xa 2-D.



8. Vuyelerisa patironi leyi ya tidayagiramu nakambe.



9. Khakhuleta tinhlayo leti landzelaka hi ku tirhisa maendlelo ya ku "tlhantlha".

9.1 $795 - 213$

9.2

$$584 + 137$$

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10. Hetisa tafula:

10.1	Hlayela emahlweni hi va100	584				
10.2	Hlayela endzhaku hi va20	320				240

11. Tsala vito ra nomboro leyi 468.

12. Tsala mfungho wa nomboro : madzananharhu na makumentsevu.

13. Tsala vukulu bya dijiti leyi khwatihatiweke eka nomboro leyi.

754_____

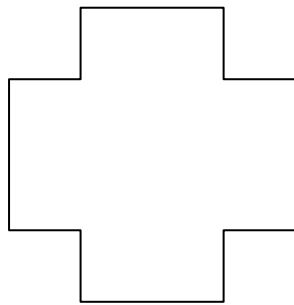
14. Hetisa:

$$4 + 4 + 4 + 4 + 4 + 4 = \underline{\quad\quad} \times 4$$

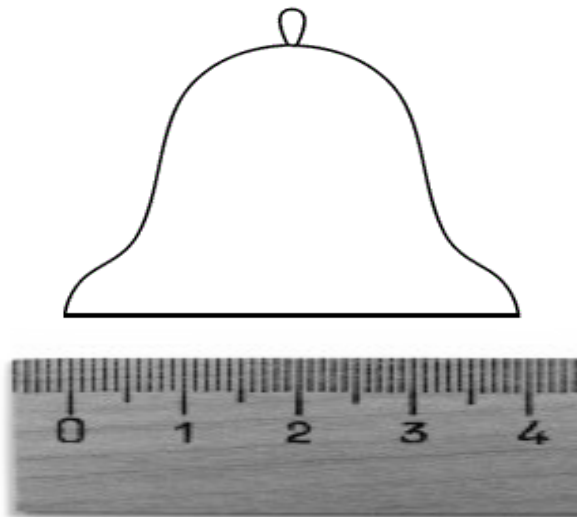
15. Tsala nomboro leyi landzelaka eka nxaxameto lowu.

125; 175; 225; 275; _____

16. Dirowa ntila **wun'we** wa ndzinganiso eka xivumbeko lexi landzelaka:

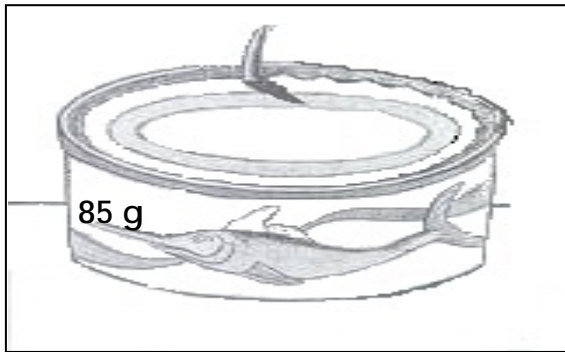


17. Tsala ku anama ka tliloko/nsimbhi.



Ku anama = _____ cm.

18. Tsondzela rito leri nga rona eka lama nga endzeni ka swiangi.



18.1 Ntiko wa thini ra nhlampfi ri pimiwa hi (tigiramu, sentimitara).



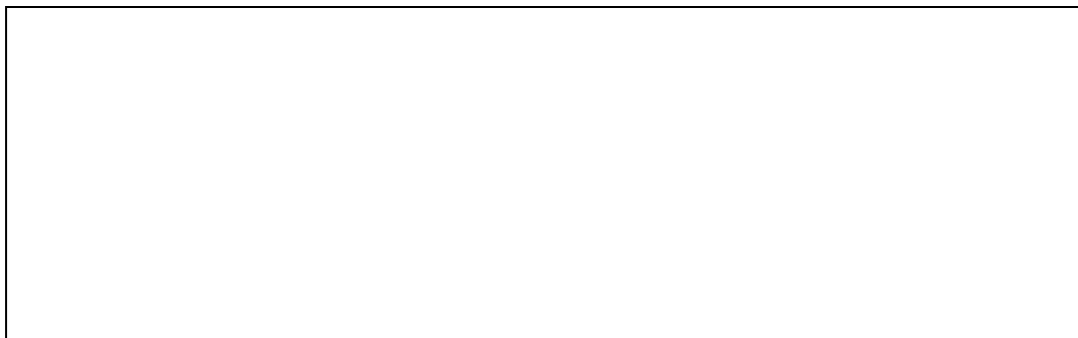
18.2 Vundzeni bya bodhlela ra masi ri pimiwa hi (timitara, tilitara).

19. Un'wana na un'wana exikarhi ka Jona, Jamela, na Jaki u na 37 wa tiloliphopho.

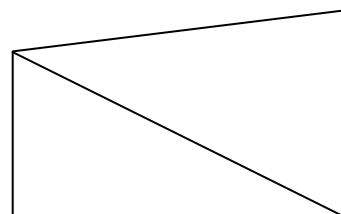
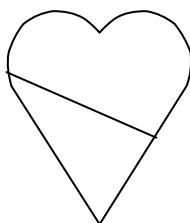
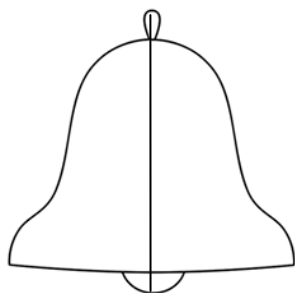
Xana i tiloliphopho tingani loko ti hlanganile hinkwato?

20. Ku na 36 wa tichokoleti ebokisini. N'wana un'wana na un'wana u nyikiwile 5 wa tichokoleti.

Xana i vangani vana lava kumeke tichokoleti naswona i tingani tichokoleti leti saleke?



21. Tsondzela xivumbeko lexi avanyisiweke hi hafu.








22. Pfuno ximbyanyana ku kuma ndlela yo ya exiyindlwanini xa xona.

Ximbyanyana xi tsutsumela ensinyeni.

Xi twa torha kutani xi tsutsumela edan'wini ku ya nwa mati.

Xi tsutsumela ebazini kutani xi tlhela xi tsutsumela exiyindlwanini xa xona.

22.1 Dirowa layini endzeni ka swibokisana u kombisa leswi ximbyanyana xi nga tsutsumisa xi swona.

22.2 Xana i tibuloko tingani leti ximbyanyana xi nga tsutsuma eka tona hinkwato?





23. Xiyaxiya girafu kutani u hlamula swivutiso leswi landzelaka.

		Nomboro ya maphej i lama hlayiweke hi vadyondzi va mune			
		Lulu	Themba	Masana	Nyiko
Nomboro ya maphej i hi vhiki	40				
	35				
	30				
	25				
	20				
	15				
	10				
	5				
		Lulu	Themba	Masana	Nyiko

23.1 Xana i vana vahi lava nga hlaya maphej i yo ringana?

23.2 Xana i mani a nga hlaya maphej i yo tala?

24. Hlaya nongonoko wa swixavisiwa kutani u hlamula swivutiso leswi landzelaka:

Nongonoko wa swixavisiwa		
Xichocho xa madiriva	R5,50	
Xihenge	R10,00	
Apula	R5,50	
Lamula	R6,00	

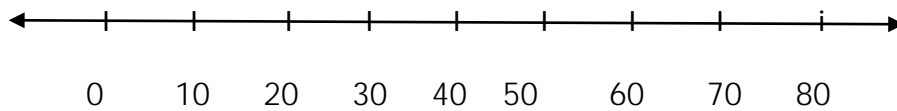
24.1 Xana swihenge swimbirhi swi ta durha mali muni?

R_____

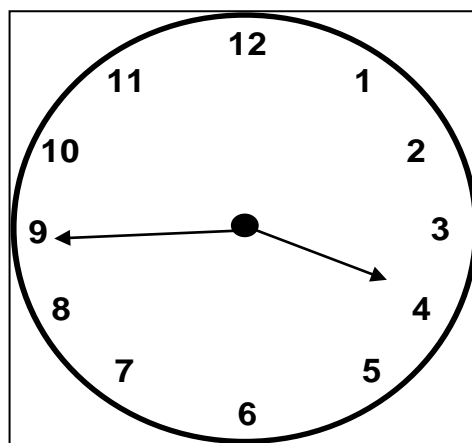
24.2 Xana cinci leyi u nga ta yi kuma loko u xava lamula rin'we hi R10,00 i mali muni?

R_____

25. Kombisa hilaha u nga tirhisaka ndzhati wa mintsengo ku khalikhuleyita $20 + 30$.

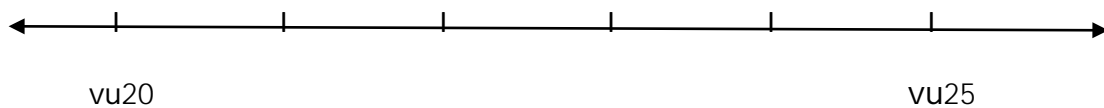


26. Hetisa xivulwa lexi landzelaka.



Nkarhi lowu kombisiweke eka xikomba-nkarhi xa analogo wu komba

27. Tatisa tinomboro leti kayivelaka.



Ntsengo: 40