



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

TIMARAKA

**XIKAMBELO XA TIKO XA LEMBE NA LEMBE 2013
GIREDI 2 MATEMATIKI-XITSONGA
XIKAMBELO**

TIMARAKA: 30

NKARHI: AWARA YIN'WE

XIFUNDZHANKULU _____

RHIJIN _____

XIFUNDZHANTSONGO _____

NOMBORO YA EMISI (9 wa tidijiti)

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TLILASI (xik. 2A) _____

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 9 leti nga katsiki pheji leri.

Swiletelo eka mudyondzisi

1. Hlayela vadyondzi xivutiso xin'wana na xin'wana hi ku nonoka hi rito ro twakala.
2. Hlaya xivutiso kambirhi loko vadyondzi va ri karhi va landzelela eka swibukwana swa vona .
3. Va nyike nkarhi wo tsala tinhlamulo hi voxwe eswibukwanini.
4. Loko va hetile, va hlayeli xivutiso lexi landzelaka.
5. Landzelela maendlelo lawa ku fika eka xivutiso xo hetelela.
6. Ku tirhisa khalikhuleyita a swi pfumeleriwi.
7. Xikambelo lexi xi na 30 wa timaraka.
8. Nkarhi lowu vekiweke wo hlamula swivutiso i 60 wa timinete.
9. Endla xitoloveto ku sungula na vadyondzi.

Xitoloveto

Hlanganisa 36 na 25

Nhlamulo: $36+25 = 61$ hi ku tirhisa tinhlayo ta menthele.

kumbe

Nhlamulo: hi ku tirhisa maendlelo yo tlhantlha.

$$\begin{array}{l} 36 + 25 \quad \text{kumbe} \quad 6 + 5 = 11 \\ = 30 + 6 + 20 + 5 \quad \quad \quad \underline{30 + 20 = 50} \\ = 30 + 20 + 6 + 5 \quad \quad \quad \underline{36 + 25 = 61} \\ = 50 + 11 \\ = 61 \end{array}$$

kumbe

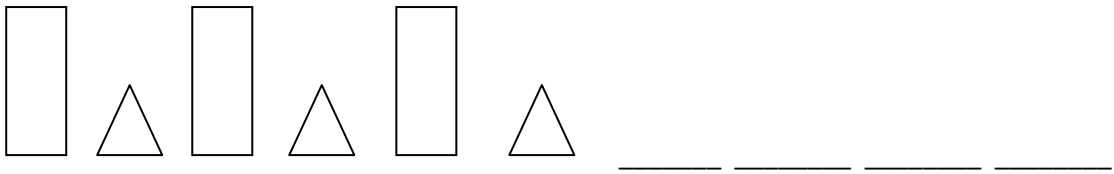
Nhlamulo: hi ku tirhisa maendlelo yo hlanganisa.

$$36 + 20 \longrightarrow 56 + 5 \longrightarrow 61$$

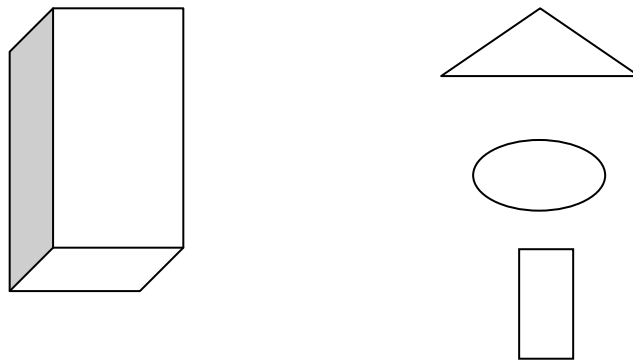
"U nga tirhisi maendlelo yo ya ehansi."

Xikambelo xi sungula eka phej i leyi landzelaka.

1. Ndlandlamuxa tipatironi ta swivumbeko leswi.



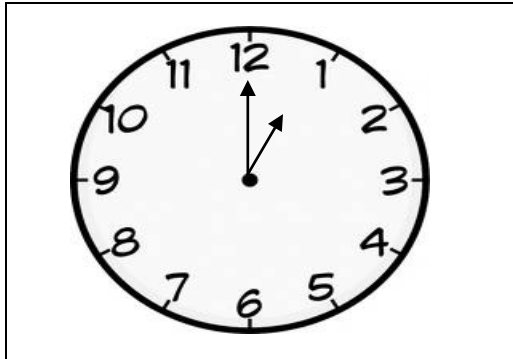
2. Fananisa swifaniso swa swivumbeko swa 3-D na swa 2-D.



3. Tsala mfungho wa nomboro ya dzana makumenharhu ntsevu.

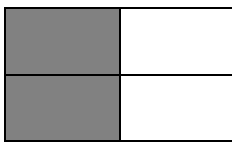
4. Tsala vito ra nomboro ya 38.

5. Nkarhi lowu nga kombiwa eka xikombankarhi wu komba _____ ehenhla ka nhloko.

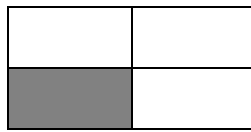


6. Tsondzela letere leri nga na xivumbeko lexi nga pendiwa kotara yin'we?

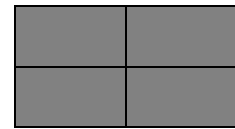
A



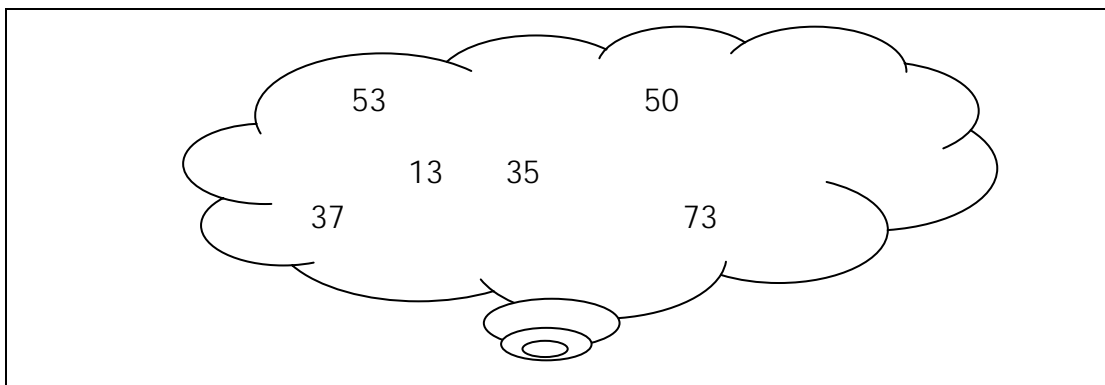
B



C



7. Xaxameta tinomboro leti nyikiweke ku suka eka leyintsongo ngopfu ku fika eka leyikulu ngopfu:



8. Tsondzela letere leri nga na nhlamulo leyi nga yona.

Loko $57 - 29 = 28$ kutani $28 + \underline{\quad} = 57$

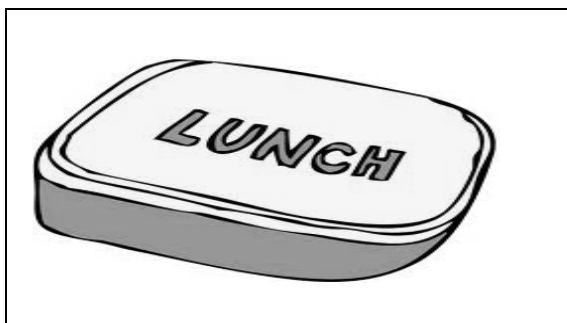
A 26

B 27

C 28

D 29

9. Gwaj ula "✓" eka xibokisana lexi nga na nhlamulo leyi nga yona laha hansi.

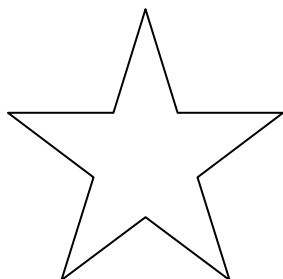


Bokisi ra swakudya i ro

rhetemuka.

khunguluka.

10. Dirowa ntila wa ndzinganiso wa xivumbeko.



11. Hetisa tipatironi ta tinomboro leti.

11.1 58; 55; 52; _____; _____; _____

11.2 127; 131; 135; _____; _____; _____.

12. Vundhawu/nkoka wa nomboro leyi khwatihatiweke 53 i

13. Hetisa:

13.1 Mbirhahata $34 =$ _____

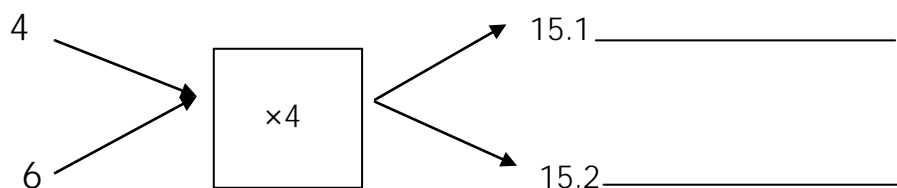
13.2 Hafula $34 =$ _____



14. Tatisa "i yintsongo eka" kumbe "i yikulu eka" exikarhi ka tinomboro leti ku ta nyika nhlamulo leyi nga yona.

72 _____ 27

15. Hetisa dayagiramu:



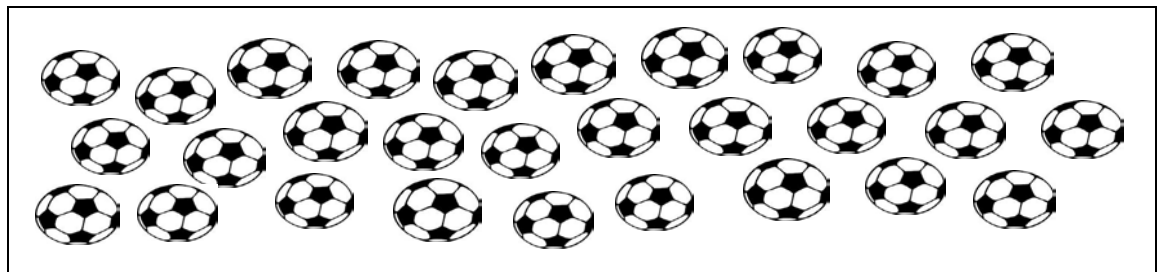
16. Tatisa mfungho wa tirhelo ra mimfungho ku endlela leswaku nomboro leyi yi va ntiyiso eka xivulwa lexi.

$$34 \square 10 = 24$$

17. Tsondzela nchumu lowu vevukeke eka leyi nga laha hansi.

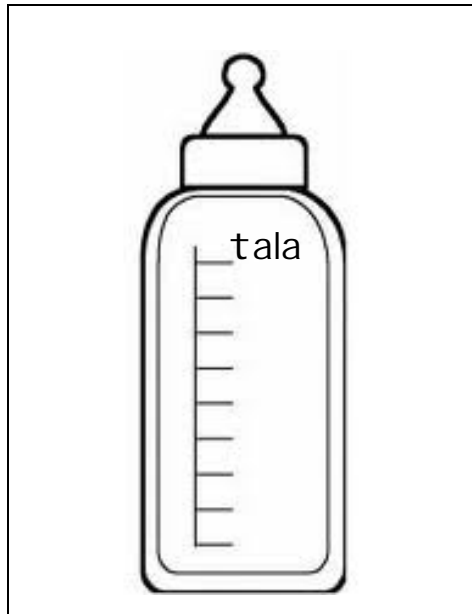


18. Avanyisa tibolo leti nga laha hansi hi ku ringanisa exikarhi ka vanhwanyana va 3 kutani u tsala nhlayo ya leti saleke.





Nhwanyana un'wana na un'wana u ta kuma _____ wa tibolo ku ta sala _____ wa tibolo.

19. Layini yin'wana na yin'wana eka bodlhela leri yi ringana na lepula rin'we ra masi. Xana i malepula mangani ya masi lama lavekaka ku tata bodlhela leri?

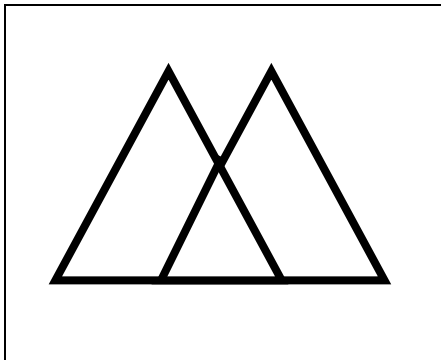


Nomboro ya malepula ya masi = ____ ku ta tata bodlhela leri.

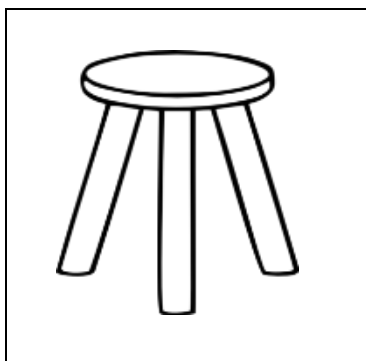
20. Hetisa tafula:

Ndzi na ...	Ndzi xava ...	Cinci ya mina i ...
R5,00	 hi R2,00	R _____
R20,00	 hi R5,00	R _____

21. Hetisa: Ku na _____ wa tiyinhlanharhu eka dayagiramu leyi nga laha hansi.






















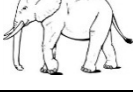




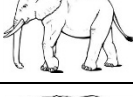











22. Tafula leri ri na milenge yi3.



Hetisa : 7 wa matafula lawa ya ta va na _____ wa milenge.



23. Tirhisa girafu ku hetisa swivutiso leswi landzelaka.

Swiharhi leswi tsakeriwaka ngopfu						
Nomboro ya vadyondzi	10					
	9					
	8					
	7					
	6					
	5					
	4					
	3					
	2					
	1					
	Nhutlwa	Mhala	Mhelembe	Ndlopfu	Nghala	

23.1 Xiharhi lexi vadyondzi va nga xi tsakeriki ngopfu i _____

23.2 Ku na 5 wa _____ ku tlula timhelembe.

Ntsengo: 30