



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

MULINGO WA NWAHA WA LUSHAKA

2013

GIREIDI 3

MBALO-TSHIVENḂA

Bugwana hei i na masiatari a 24, hu sa katelwi na bambiri ǀa nga nḂa

SUMBANĠILA YA KUSHUMISELE KWA TSUMBO DZA MBUDZISO

1. **Zwine tsumbo dza shumisiswa zwone**

Musi tsumbo dza mbudziso dza Gireidi na thero dzo dzudzanyiwa nga mutavha wo katelaho zwidombedzwa zwothe, mudededzi ha tei u nea vhagudi mutavha wothe wa mbudziso uri vha fhindule nga tshifhinga tshithihi. **Mudededzi u tea u nanga mbudziso dzine dza elana na ngudo dze a dzudzanya dzo tetshelwaho tshifhinga tshenetsho.** Vha tea u nanga tsumbo dza mbudziso nga nthihi nga vhuronwane kana tshigwada tsha mbudziso dzine vhagudi vha nga kona u dzi fhindula, dzi nga shumiswa nga zwifhinga zwo fhambanaho zwa u funza na u guda nga ngila i tevhelaho:-

- 1.1 Mathomoni a ngudo sa thesite ya tzedzisiso (diagnostic) u itela u topola maanġa na vhuġudzeġudze ha mugudi. Mawanwa a tzedzisiso a tea u bveledza nyeletshedzo kha vhagudi na u bveledza ngudo dzo teaho u lulamisa vhuġudzeġudze ho topoliwaho na u khwathisa maanġa a vhukoni vhune vha vha naho. Thesite ya tzedzisiso i nga fhiwa sa tshurwahaya u itela u vhulunga tshifhinga tsha u funza kilasini.
- 1.2 Vhukati ha ngudo, sa thesite ya tshifhinga tshothe u itela u linga arali vhagudi vho kona u swikelela ndivho na zwikili zwo tiwaho musi ngudo i tshi khou ġi ya phanġa u itela uri hu songo vha na mugudi ane a ġo siwa murahu.
- 1.3 Nga mafheloni a ngudo kana ha ngudo dzi re na tshivhalo thesite ya murahu ha **tshifhinga tshilapfu (summative)** i tea u riwalwa u itela u linga arali vhagudi vho kona u swikelela na u kona u shumisa ndivho na zwikili zwo teaho kha ngudo dzo no gudwaho/funzwaho. **Tsivhudzo (feedback)** i tea u fhiwa musi mudededzi a tshi vhona hu na ngudo dzine dza toġa u **khwathisedza (consolidate)** ndivho na zwikili zwo imaho ngauri.
- 1.4 Tshifhinga tshothe vhagudi vha tea u tanelwa maitete a u linga kana u kuvhudzisele, tsumbo dza mbudziso, kufhindulele kwa u nanga hu na zwinzhi (multiple –choice) mbudziso ya phindulo nzhi u fhindula nga u tou funa, (free response) mbudziso dza phindulo pfufhi, na dziinwe.

Musi tzedzisiso (diagnostic) na u linga ha tshifhinga tshothe (formative) hu tshi nga vha hu pfufhi zwi tshi ya kha tshivhalo tsha mbudziso dzo katelwaho, u linga nga murahu ha tshinga tshilapfu hu ġo katela mbudziso nanzhi u swika kha thesite yo fhelelaho zwi tshi ya kha mushumo wo no gudwaho nga itsho tshifhinga. Zwa ndeme ndi zwauri vhagudi vha ite ndowenġowe yo teaho kha u fhindula thesite yo ġalaho na kha lushaka lwa tsumbo ya thesite ya u Linga ha Nwaha Nwaha ha lushaka (ANA)

2. **Memorandumu kana Sumbanġila ya kuvhudzisele (Memoranda or answering guidelines)**

Tsumbo ya vhukuma ya phindulo ndavhelelwa dza tsumbo dza mbudziso inwe na inwe ya theiste dzo netshedzwa na dza modele wa thesite ya ANA. Vhadededzi vha tea u dzhiela nzhele uri memorandumu a u tei u vha u netisaho. Memorandumu u tea u netshedza fhedzi maitete o tanġavhuwaho a phindulo ndavhelelwa na vhadededzi vha tea u vhudzisesa vha kone u nea muene phindulo i tendiseaho na dziinwe phindulo dzi tendiseaho dzo fhambanaho dzo netshedzwaho nga vhagudi.

3. **U katelwa ha kharikhulamu**

Ndi zwa ndeme vhukuma uri kharikhulamu ya kilasi yeneyo i katelwe nga vhuġalo. Tsumbo dza gireidi inwe na inwe a dzo ngo katela kharikhulamu yothe. Ho tou topolwa ndivho na zwikili zwa ndeme zwa mushumo une wa katela themo ya 1, 2 na 3 ya riwaha wa tshikolo.

Tangeledzani ledere li re na phindulo i re yone kha mbudziso dzothe dza u tounanga.

1.1 Nomboro dzo vhekanyanwaho u bva kha thukhusa u ya kha khulwanesa...

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 Vhekanyani u bva kha khulwanesa u ya kha thukhusa.

A 125, 521, 251, 215

B 251, 215, 125, 521

C 521, 251, 215, 125

D 125, 215, 251, 521

1.3 Vhekanyani u bva kha khulwanesa u ya kha thukhusa.

533 , 137 , 539 , 935 , 335

1.4 Vhekanyani u bva kha thukhusa u ya kha khulwanesa .

30, 27 , 64 , 51, 24 , 99

2.1 Pwashekanyani nomboro 607 ...

A $70 + 600 + 60$

B $7 + 60 + 60$

C $600 + 7$

D $700 + 6 + 70$

2.2 Pwashekanyani nomboro 760.

_____ + _____

2.3 Pwashekanyani nomboro 67

A $70 + 60 + 6$

B $7 + 60$

C $600 + 7$

D $700 + 6 + 60$

3.1 .39 yo davhuliwa

A 69

B 79

C 78

D 96

3.2 $59 \times 2 =$

A 181

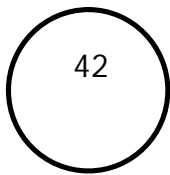
B 118

C 1018

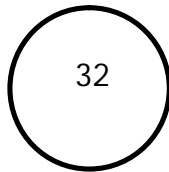
D 169

3.3 Sumbedzani nga lusway ✓kha danga lo davhulaho 26 .

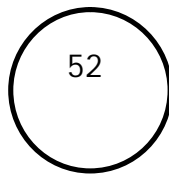
a.



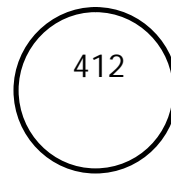
b.



c.



d.



4.1 642 yo iswa kha 10 ya tsinisa i vha

A 700

B 655

C 640

D 600

4.2 Phindulo i do ri mini arali 462 yo iswa kha 10 ya tsinisa?

A 624

B 426

C 246

D 460

4.3 266 yo iswa kha 10 ya tsinisa i vha = _____

5.1 9.50 a.m ya matsheloni kha watshi ya zwanda i sumba uri ndi:

A Minetse ya fumi u bva kha awara ya fumi nga madekwana

B Minetse ya fumi u bva kha awara ya fumi nga matsheloni

C Minetse ya fumi u ya kha awara ya fumi nga matsheloni

D Minetse ya fumi u bva kha awara ya fumi nga madekwana

5.2 9.50 p.m. ya kha watshi ya zwanda i sumba uri ndi:

A Minetse ya fumi u bva kha awara ya fumi nga madekwana

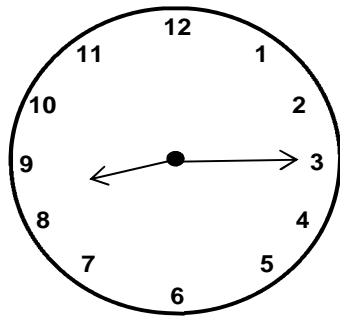
B .Minetse ya fumi u bva kha awara ya fumi nga matsheloni

C .Minetse ya fumi u ya kha awara ya fumi nga madekwana.

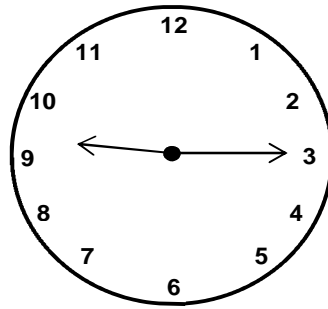
D Minetse ya fumi u bva kha awara ya fumi nga madekwana

5.3 Sumbedzani nga luswayo ✓kha watshi ine ya sumbedza uri tshifhinga ndi 9.15 a.m. ya matsheloni kha watshi ya zwanḁa.

a.



b.



6.1 furakisheni idzi dzi re afho fhasi u bva kha ṭhukhusa u ya kha khulwanesa ndi ...

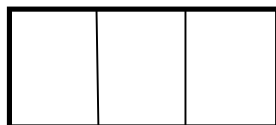
- A Kotara; hafu; 1 tshaṭhanu; 1 tshararu.
- B hafu; 1tshararu; kotara; 1tshaṭhanu
- C 1tshararu; 1tshaṭhanu; kotara; hafu.
- D 1tshaṭhanu; kotara; 1 tshararu; hafu.

6.2 Vhekanyani furakisheni idzi u bva kha khulwanesa u ya kha ṭhukhusa

a.



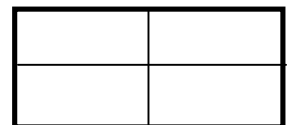
b.



c.

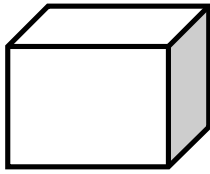


d.

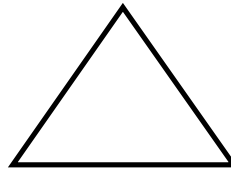


7.1 Nwalani madzina a tshivhumbeo 3-D na tshivhumbeo tsha 2-D zwo olwaho afho.





a.



b.

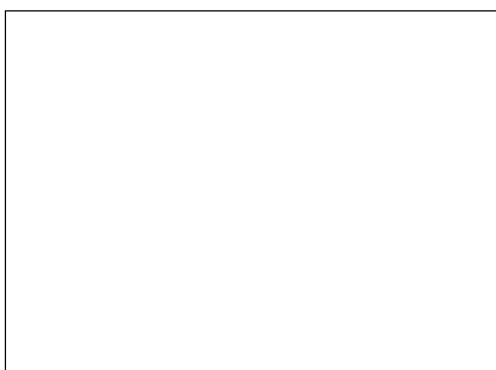


7.2 Vhambedzani tshivhumbeo tsha 3-D na tsha 2-D kha maipfi a re one.

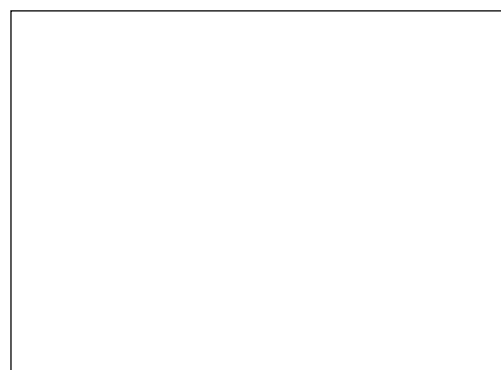
	Thiraiengleiangle
	khubu
	Reki thengele
	tshitendeledzi

7.3 Olani afho tshibogisini.

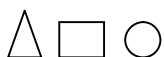
a. tshivhumbeo tsha 2-D



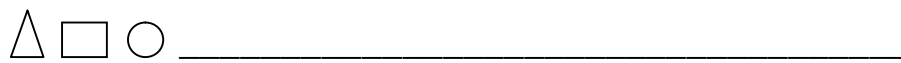
b. tshivhumbeo tsha 3-D



8.1 Engedzani phetheni i 'aluwaho' afho fhasi..



8.2 Engedzani luvhili phetheni i 'aluwaho' afho fhasi.



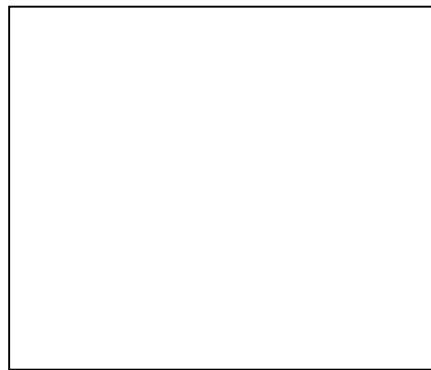
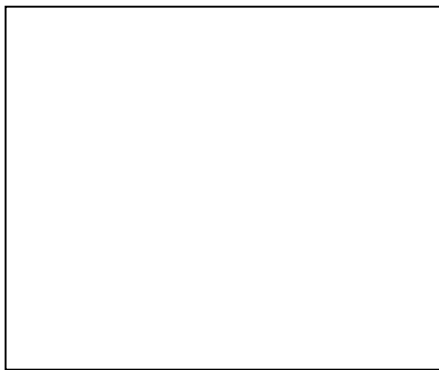
8.3 Dovhani ni engedze phetheni i 'aluwaho' afho fhasi.



9.1 Shumisani maitete a u pwashekanya ni tshi shuma zwi tevhelaho.

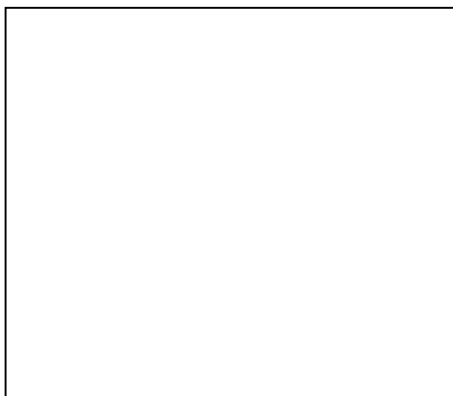
a. $689 - 237$

b. $382 + 416$



c. $39 \div 3$

d. 23×2

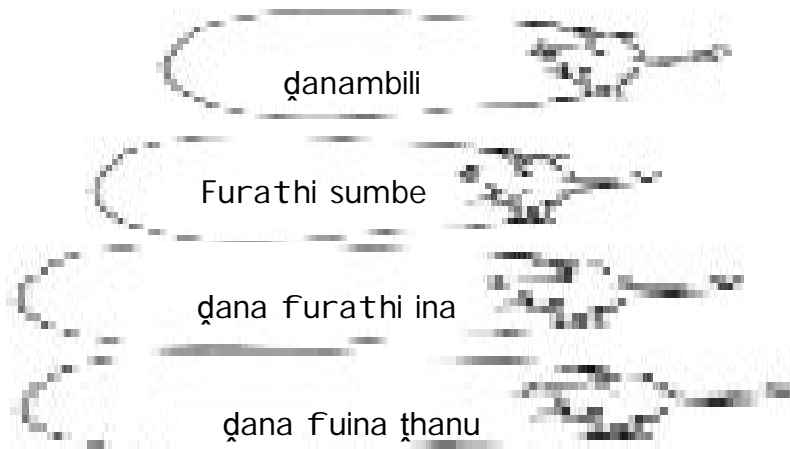
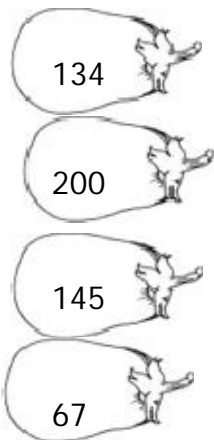


10. Fhedzisani phetheni ya nomboro dzi tevhelaho:

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

11.1 Nwalani nomboro iyi nga maipfi 468.

11.2 Vhambedzani tshiga tsha nomboro idzi na mbalo dza maipfi.



11.3 Nomboro iyi nga maipfi 754 ndi ...

- A daasumbe funa thanu
- B dathanu nu fathanu nu ina
- C daina fusumbe thanu
- D daasumbe funa thanu ina

11.4 Nwalani tshiga tsha nomboro iyi dairaru tahe. _____

11.5 Tshiga tsha nomboro darathi futahe malo ndi.....

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

11.6 Nwalani tshiga tsha nomboro ...

- a. dana futahe tahe _____
- b. fusumbe malo: _____

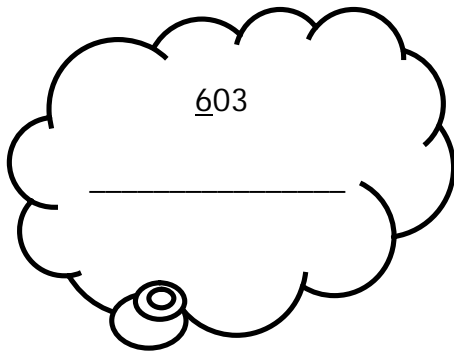
12.1 Nwalani vhuimo ha nomboro yo talelwaho nga fhasi kha 754

12.2 Nwalani vhuimo ha nomboro yo talelwaho nga fhasi kha

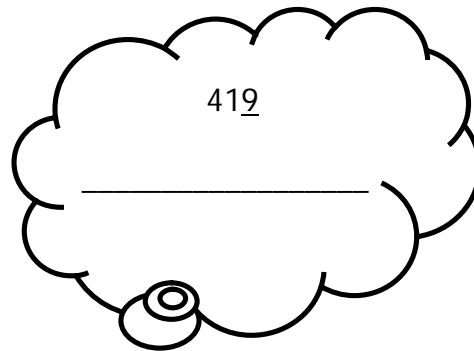
a. $4\underline{5}6$ _____

b. $37\underline{4}$ _____

12.3 Vhuimo ha nomboro yo talelwaho nga fhasi kha aya makole ndi?



a.



b.

13.1 Nwalani nomboro iyi nga u pfufhifhadza.

$5 + 600 =$ _____

13.2 Fhatani nomboro dzi tevhelaho.

$100 + 80 + 9 =$ _____

$100 + 100 + 0 + 0 =$ _____

$40 + 30 + 2 + 1 =$ _____

13.3 Pwashekanyani nomboro.

a. $136 =$ ___ + ___ + ___

b. $36 =$ ___ + ___

14.1 Nwalani nomboro i tevhelaho no sedza kutevhokanele kwa idzo dzi re afho fhasi

a. 412; 410 ; 408 ; _____ ; _____ ; _____ ; _____

b. 123; 126; 129, _____ ; _____ ; _____ ; _____ .

14.2 Mulayo wa u vhala ri tshi ya phanda nga dzi4 na dzi20 zwo shumiswa kha kutevhokanele kwa idzo dzi re afho fhasi.

Fhedzisani nomboro dzo tshelaho ni n'wale na mulayo wo shumiswaho.

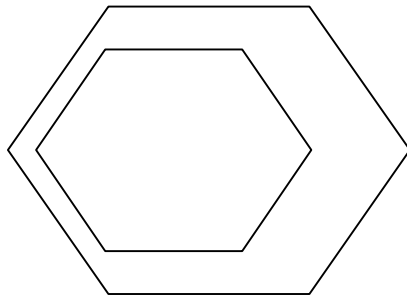
a. 810; 830; 850; 870; _____; _____; _____; _____.

Mulayo _____

b. 380; 384; 388; 392; _____; _____; _____; _____.

Mulayo _____

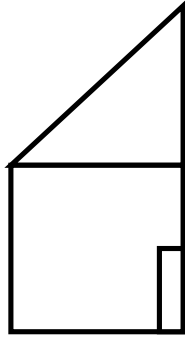
15.1 Olani mutalo wa simetiri.kha tshivhumbeo tsh tevhelaho.



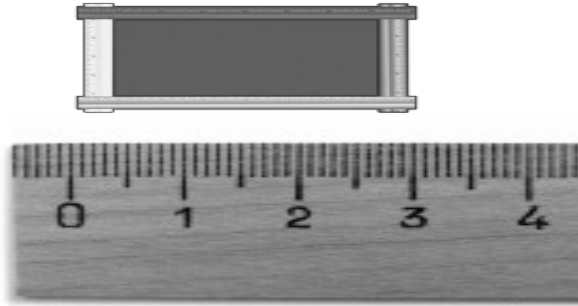
15.2 Olani mutalo wa simetiri.kha tshivhumbeo tshi tevhelaho.



15.3 Olani inwe hafu ya nndu iyi.



16.1 Vhulapfu ha tshifanyiso tshi re afho fhasi ndi vhungafhani?



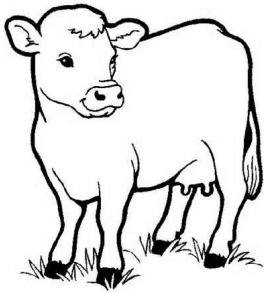
_____ cm

16.2

Tingeledzani ipfi ji re lone vhukati ha zwitangi.

- Vhulapfu hanga ndi 7 (gireme, senthimitha, jithara) u fhira khonani yanga.
- Ndi lemela tshileme tshi no fhira 15 (khiogireme, mithara, mijimithara).
- Khotsi vha dadza golei yavho nga 50 (mijimithara, gireme, jithara) ya pitirolo.

17.1 Tingeledzani ipfi jire lone vhukati ha zwitangi.



a. Tshileme tsha kholomo tshi kalwa nga (khilogireme, senthimithara).



b. Vhungomu ha khaphu ya gofhi vhu kalwa nga (mithara, milimithara).

17.2 Fhedzisani:

Arali boḁelo la nyamunaiti ji tshi ḁadza ngilasi nna, zwi amba uri

a. maboḁelo a no ḁadza ngilasi 2 ndi_____.

b. maboḁelo a no ḁadza ngilasi 5 ndi _____.

c. ngilasi dza 40 dzi ḁala nga maboḁelo a_____.

d. ngilasi dza 12 dzi ḁala nga maboḁelo a_____.

17.3 Vhekanyani khaphasithi dzitevhelaho u bva kha tshukhusa u ya kha khulwanesa

500 ml, 5 ml, 1 l, 250 ml

_____ , _____ , _____ , _____ .

18. Sumbedzani kushumelwe kwa mbolo dza maipfi dzi re afho fhasi.

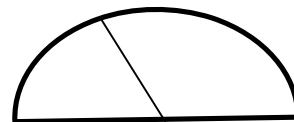
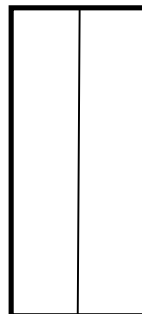
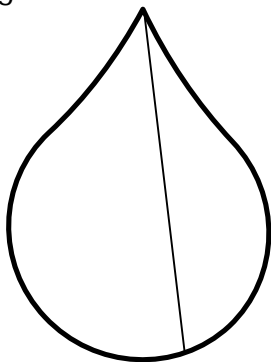
18.1 Vhatukana muñwe na muñwe kha vhatukana vhararu na vhasidzana vhavhili u na Baisigira ya milenzhe miraru. Mavhili a baisigira idzo dzothe o tangana ndi mangana?

18.2 Mudedekadzi u na tshokho dza 45. O dovha a newa dziñwe dza 40. A kovhekanya tshokho dzothe kha vhana vhaña. Nwana muñwe na muñwe o wana tshokho nngana, nahone tshokho dzo salaho ndi nngana ?

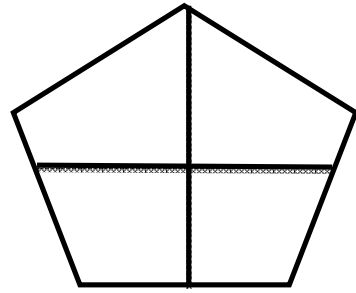
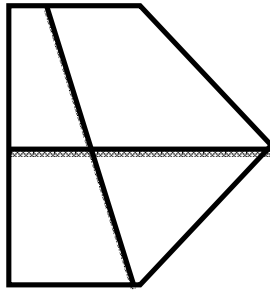
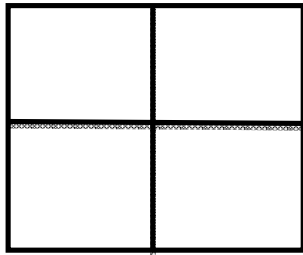
18.3 Mpho u na loḽipopo dza fuḽahe ḽahe, u ḽoda u kuvhela vhazwala vhawe a no edana. Munwe na munwe u do wana loḽipopo nngana?

18.4 Vhonani o kuvhanganya maboḽelo a 138 a ngilasi a tshi itela thandela ya u shumulula zwithu zwono shumaho, maboḽelo a 22 a kwashea. Ndi mangana o songo kwasheaho.

19.1 Tangedzani tshivhumbeo tsho khethekanyiwaho nga hafu?



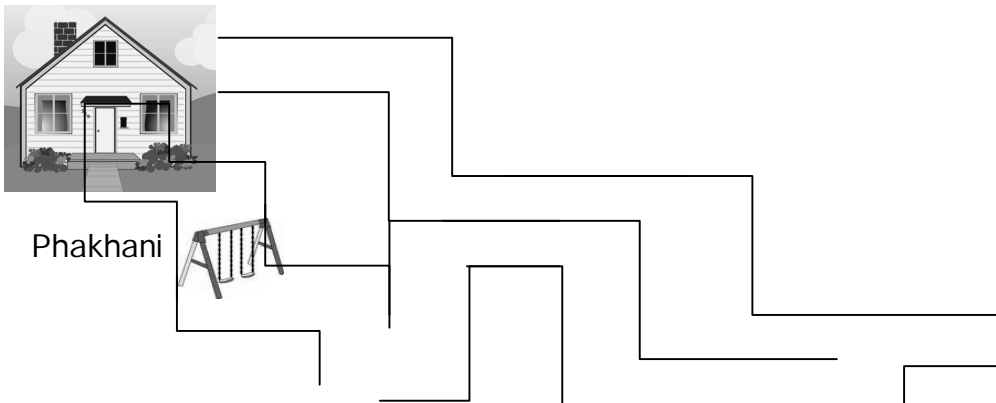
19.2 Khirayani tshivhumbeo tsho khethekanyiwaho nga dzi kota



20. Mpho o bva nduni yawe nga muṅango wa nga phanḁa, a khonela kha tshanḁa tsha monde a tshi ya phakhani.

20.1 Olani mutalo wa u sumbedza ṅila ye Mpho a i shumisa.

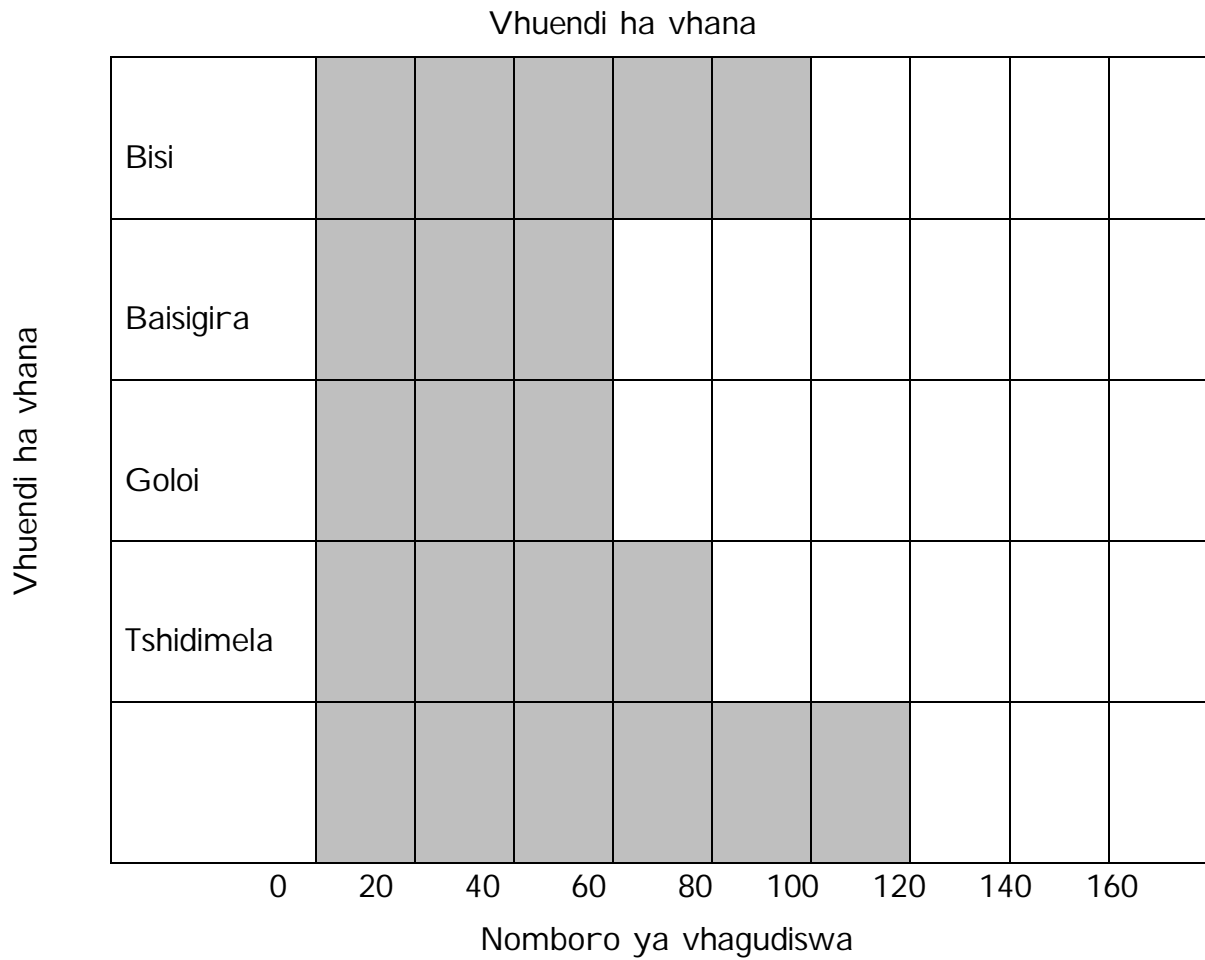
Hayani ha Mpho



20.2 Mpho o khonela kha tshanḁa tsha monde lungana a saathu u swika phakhani?

21.1

Gudani girafu i re afho fhasi ni kone u fhindula mbudziso..

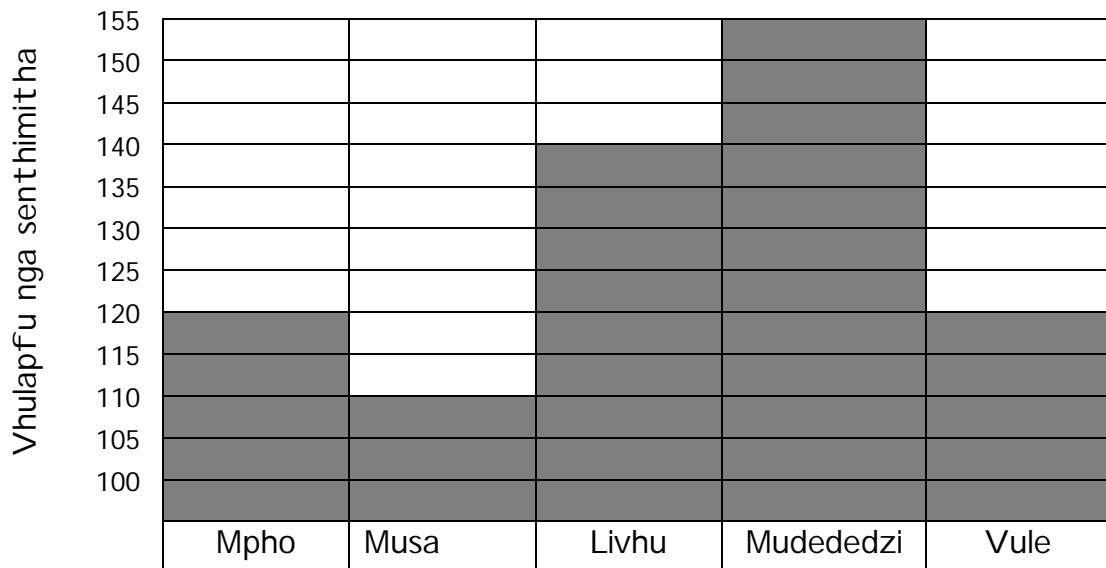


a. Vhagudiswa vhanzhisa vha ḽa tshikoloni nga mini?

b. Vhagudiswa vha no shumisa bisi vha fhira vha no namela goloi nga vha ngana?

21.2 Gudani girafu i re afho fhasi ni kone u fhindula mbudziso

Vhulapfu ha vhana vha gireidi 3



a. Ndi mugudi u fhio a re mupfufhisa afha kilasini?

b. Phambano ya vhulapfu vhukati ha Livhu na Mudededzi ndi nngafhani.

c. Ndi vhana vhangana vha no eḁana nga vhulapfu?

d. Arali Mpho o ima nṱha ha ṱhoho ya Livhu vhulapfu havho vhu ḁo vha vhungafhani vhe vhavhili?

22.1 Vhalani mutevhe wa mitengo ni kone u fhindula mbudziso dzi tevhelaho



a. Ndi zwi fhio zwithu zwiraru zwine na nga renga nga R50?

b. Arali ni tshi khou renga bola, na badela R50, ni do sala na tshintshi ya vhugai?

c. Bugu i fhira bola nga vhugai?

22.2 Shumisani ku lele uku kwa zwiwiwa.

Khuhu Kha vha de vha vha le Menyu	
2 Zwirumbi zwa khuhu	R10,00
4 Phapha dza khuhu	R25,00
Bega ya khuhu	R15,50
Khaphu ya swobo ya khuhu	R9,95

a. Tshinakaho u do badela vhugai arali a tshi khou toda Bega na Swobo zwa khuhu?

b. Tshinakaho u do sala na tshintshi ya vhugai arali a badela R50,?

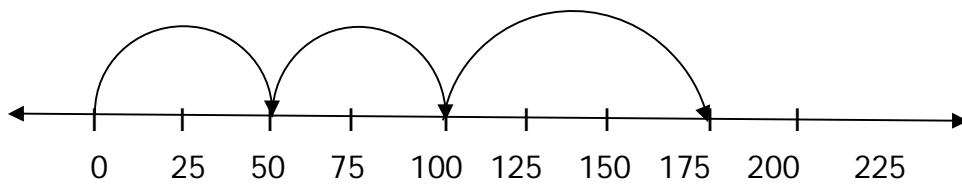
c. Ni do sala na tshintshi ya vhugai arali a badela R60.00 , arali ni tshi khou renga zwirumbi zwa khuhu 2 na phapha dza khuhu 4 ?

22.3 Shandukisani:

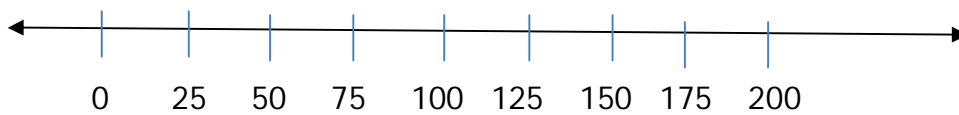
a. R9.95 i ye kha _____c

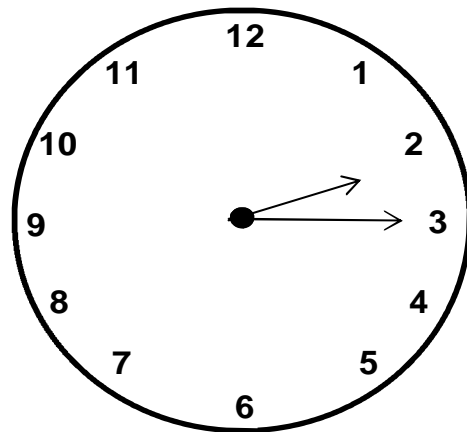
b. 1550c i ye kha R_____

23.1 Shumisani mutalombalo u nwala zwine na nga shumisisa zwone mbalo dza u tanganyisa.



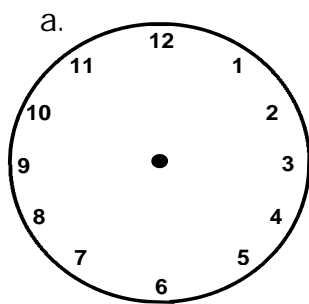
23.2 Sumbedzani zwine na nga shumisisa zwone mutalombalo u vhalela .
 $200 - 50 = \underline{\hspace{2cm}}$



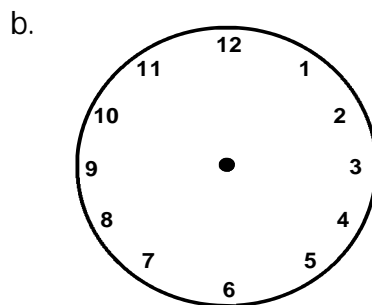


Tshifhinga tshi re kha watshi ya zwanḁa ndi _____

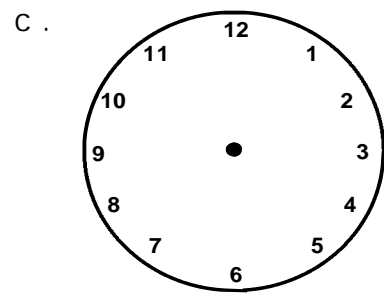
24.2 Olani zwanḁa kha watshi dzi re afho fhasi u sumbedza tshifhinga tshi re tshone



hafu ubva kha iri ya vhutano



iri ya fumintshihi

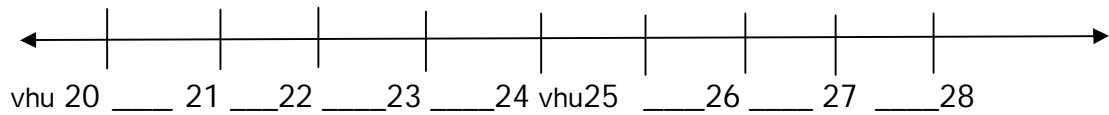


kotara u bva kha iri ya vhusumbe

25.1 Ḑadzisani nomboro dza odinaḁa dzo ṭahelaho.

vhu11	vhu 12				vhu 16
vhu 20	vhu 21		vhu 23		

25.2 Fhedzisani nomboro dzo tshelaho kha mutalombalo.



25.3 Vhambedzani nomboro idzi na dza maipfi afho tshibogisini

vhu 1	sekondo dza fumbilimbili
vhu 22	Ya vhu fumiina
vhu 23	Yo thoma
vhu 14	Ya vhu fumbili raru