



MULINGO WA NWAHA NGA NWAHA WA SHANGO LOTE

GIREIDI 3

MBALO - TSHIVENDA

SETHE 3: TSUMBO DZA 2012

Sumbanqila ya kushumisele kwa Tsumbo ya Mulingo wa Nwaha Nga nwaha Shango Lothe (MNSL)

1. Nyangaredzo nga u angaredza.

Mulingo wa , waha nga nwaha wa Shango · othe (MNSL) ANA ndi u linga ndivho na zwikili nga murahu ha tshifhinga tshilapfu hu tshi sedzwa zwo lavhelelaho zwe mugudi a zwi swikela mafheloni a Gireidi 1-6 na 9. Hu tshi thuswa u linga ha tshikoloni na u itela uri vhagudi vha vhe na vhudifulufheli kha u bvelela musi vha tshi dzenela kha milingo ya nn̄da, tshigwada tsha vhadededzi kana vhomakone vha dzi therero vho bveledza thesite dza tsumbo dzine mudededzi a nga dzi shumisa kha ngudo dza Luambo na Mbalo. Mbudziso dza tsumbo dza thesite dzo bveledzwa dzi tshi bva kha mushumo wa Kharikhulamu une wa katela themo 1, 2, na 3 dza nwaha, zwi tshi katela na modele wa (MNSL) ANA na zwone zwo netshedzwa. Tsumbo dzine dza katela na modele wa (MNSL) ANA dzi thusa u linga ha tshikoloni hune mugudi a tea u ita misi yothe a si dza u dzula vhudzuloni ha u linga ha tshikoloni.

2. Tshivhumbeo tsha mbudziso dza tsumbo.

Tsumbo dzo olwa u itela u fanyisedza thekiniki dzo fhambanaho kana maitele a u linga a zwikili kana ndivho i fanaho. Sa tsumbo iwe ndivho ya magudi kana zwikilizwi nga lingwa nga u nanga kha zwinzhi hune vhagudi vha tea u nanga phindulo ya khwinesa kha dzo fhiwaho,kana tshitatamennde (tshine tsha tq̄da vhagudi vha tshi nwala phindulo pfufhi kana paragirafu) kana luwe lushaka lwa mbudziso. (U humbelo vhagudi uri vha tanganye maipfi kana zwitatamennde hu na mitalo, u fhedzisa fhungo kana phetheni, u sumbedza phindulo dzavho nga u ola kana mvetamveto, na zwiwe). Zwi amba uri musi vhadededzi na vhagudi vha tshi wana tsumbo dza mbudziso dzi kha zwivhumbeo zwo fhambanaho fhedzi dzi tshi khou vhudzisa tshithu tshithehi, vha tea u psesa uri izwi zwo tou pulaniwa nga ndila yeneyo na vhagudi vha tea u fhindula mbudziso dza tsumbo dzothe. Vha khou tanika kha thekiniki dza mavhudzisele kana kha maitele o fhambanaho u vha nea vhudifulufheli u livhana na thesite.

3. U t̄umanya na zwiwe zwishumiswa zwa u guda na u gudisa.

U itela thanganelano, dziwe tsumbo dza thesite na mbudziso zwo itwa nga khole u zwīumanya na bugu dza mushumo. Tsumbo idzi dzo dovha dza livhanywa na thōdea dza Tshitatamennde tsha Kharikhulamu ya Lushaka Gireidi 1-12 (TKL), mbetshelwa ya Tshitatamennde tsha Pholisi tsha Kharikhulamu na u linga (PTPLM) zwine zwa vha zwa gireidi yeneyo na purotokholo ya u linga ya lushaka. Maiwalwa aya othe o tangana na ane tshikolo tsha do a netshedza a ita mutheo wo dziaho une wa thusa mudededzi kha u ita ndugiselo ya ngudo na u linga ha foma (u linga ha ngudo).

4. Zwine tsumbo dza shumisiswa zwone.

Musi tsumbo dza gireidi na therero dzo dzudzanyiwa nga mutavha wo katedaho zwidodombedzwa 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 ndila i tevhelaho:-

4.1. Mathomoni a ngudo sa thesite ya tsedzisiso (diagnostic) u itela u topola maanda na vhudzefudze ha mugudi. Mawanwa a tsedzisiso a tea u bveledza nyeletshedzo kha vhagudi na u bveledza ngudo dzo teaho u lulamisa vhudzefudze ho topoliwaho na u khwathisa maanda a vhukoni vhune vha vha naho. Thesite ya tsedzisiso i nga fhiwa sa tshunwahaya u itela u vhulunga tshifhinga tsha u funza kilasini.

4.2. Vhukati ha ngudo, sa thesite ya tshifhinga tshothe u itela u linga arali vhagudi vho kona u swikelela ndivho na zwikili two tiwaho musi ngudo i tshi khou di ya phanda u itela uri hu songo vha na mugudi ane a do siwa murahu.

4.3 Mafheloni a ngudo kana ha ngudo dzi re na tshivhalo thesite ya murahu ha **tshifhinga tshilapfu (summative)** i tea u nwalwa u itela u linga arali vhagudi vho kona u swikelela na u kona u shumisa ndivho na zwikili two teaho kha ngudo dzo no gudwaho/funzwaho. **Tsivhudzo (feedback)** i tea u fhiwa musi mudededzi a tshi vhona hu na ngudo dzine dza toda u **khwaθhiseda (consolidate)** ndivho na zwikili two imaho ngauri.

4.4. Tshifhinga tshothe vhagudi vha tea u tanelwa maitele a u linga kana kuvhudzisele, tsumbo, kuhhindulele kwa u nanga hu na zwinzhi (multiple -choice) mbudziso ya phindulo nnzhi u fhindula nga u tou funa, (free response) mbudziso dza phindulo pfufhi, na dzinwe.

Musi tsedzisiso (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 tshifhinga tshilapfu hu do katela mbudziso nnzhi u swika kha thesite yo fhelelaho zwi tshi ya kha mushumo wo no gudwaho nga itsyo tshifhinga. Zwa ndeme ndi zwauri vhagudi vha ite nlowendowyo teaho kha u fhindula thesite yo dalaho na kha lushaka lwa tsumbo ya thesite ya Mulingo wa ° waha nga ° waha wa Shango · ohe (MNS·) ha lushaka.

5. Memorandamu kana Sumbandila ya kuvhudzisele (Memoranda or answering guidelines)

Tsumbo ya vhukuma ya phindulo ndavhelelwa dza tsumbo dza mbudziso iwe na iwe ya theiste dzo netshedzwa na dza modele wa thesite ya (MNS·). Vhadededzi vha tea u dzhiela nzhele uri memorandamu a u tei u vha u netisaho. Memorandamu u tea u netshedza fhedzi maitele o tandavhuwaho a phindulo ndavhelelwa na vhadededzi vha tea u vhudzisesa vha kone u nea muñene phindulo i tendiseaho na dzinwe phindulo dzi tendiseaho dzo fhambanaho dzo netshedzwaho nga vhagudi.

6. U katelwa ha kharikhułamu.

Ndi zwa ndeme vhukuma uri kharikhułamu ya kilasi yeneyo i katelwe nga vhuđalo. Tsumbo dza gireidi iwe na iwe a dzo ngo katela kharikhułamu yothe. Ho tou topolwa ndivho na zwikili zwa ndeme zwa mushumo une wa katela themo yu 1, 2 na 3 ya nwha wa tshikolo. U siana ha mushumo two ya nga ndila ye zwa sumbedzwa ngayo kha manwalwa a Tshitatamennde tsha Phołisi ya Kharikhułamu yau Linga ya Lushaka (TPKLL).

7. Phendelo.

Ndivho ya muhasho ndi u khwinisa vhuimo na vhwanzani (quality) ha kushumele kwa vhagudi kha zwikili zwa Litheresi na Nyumeresi zwa ndeme zwa mathomo. (M° S·) ndi tshi iwe tsha zwishumiswa zwine muhasho wa khou tshi shumisa u tola arali mashumele a vhagudi a tshi khou khwiñisea, u dzula o ralo kana a tshi khou tsela fhasi. Zwiñiriki na zwikolo zwi lavhelelwa u tikedza vhadededzi na u vha nea zwishumiswa u khwiñisa kufunzele na kugudele zwikoloni. Nga u shumisa tsumbo dza (M° S·) sa tshipida tsha zwishumiswa zwa u funza, vhadededzi vha do thusa vhagudi uri vha vhe na nzhele kha maitele o fhambanaho a u linga. Nga kushumisele kwone kwa tsumbo zwi do thusa vhagudi u wana ndivho na u bveledza zwikili zwa u guda nga ndila yone na kushumele kwa khwiñe hu tshi tevhelwa thesite dza (M° S·) .

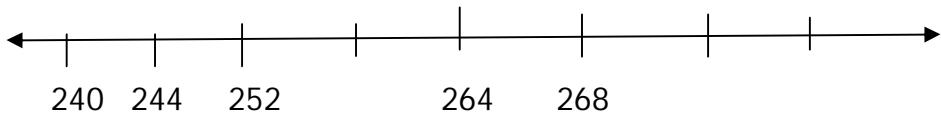
Nomboro, Tswayo na Vhushaka

1. Nwalani nomboro dzo siedzwaho kha tshikhala tsho newaho.

a. 350; 450; _____ ; 650; _____ ; _____ ; 950

b. 500; _____ ; 498; 497; _____ ; _____ ; 494

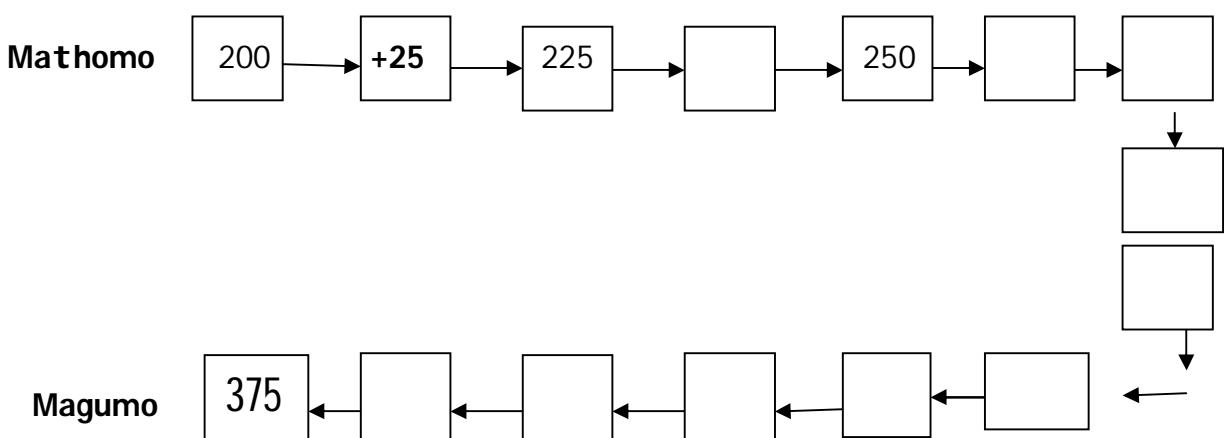
c.



2. Fhedzisani thebuju.

a	50					300		400				650		
b		126	129				141							165
c	498					488				478			472	
d	205				225				250		260			
e		312		310	309				305					299

3. Tevhelani misvhe ni ńwale nomboro dzo siedzwaho zwibogisini.



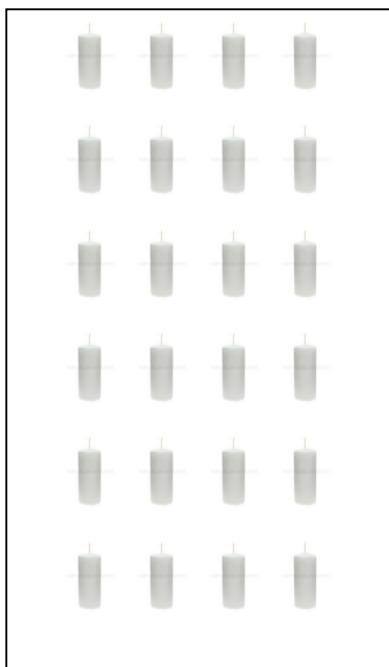
4.



Sundani u shuma ɿimagani ḥa makhanđela. O paka makhanđela a 10 kha bogisi.

Nomboro ya makhanđela o pakwaho kha mabogisi a 15 =

5. **Lavhelesani zwigwada zwa makhandela kha zwifanyiso zwi tevhelaho ni fhindule mbudziso.**



- a. Hu na makhandela mangana kha muduba muthihi wa u tsitsa?

- b. Nomboro ya makhandela kha tshifanyiso ndi = _____

6. Nwalani dzina ja nomboro iñwe na iñwe i re afho fhasi.

- a. 473 _____

- b. 204 _____

7. Nwalani dzina ḥa nomboro na tshiga tsha nomboro i re vhukati ha 268 na 270.

a. Tshiga tsha nomboro ndi _____.

b. Dzina ḥa nomboro ndi _____

8. Nwalani dzina ḥa nomboro 780 _____.

9. Livhanyani dzina ḥa nomboro iñwe na iñwe na tshiga tsha nomboro yone nga u tala mutalo vhukati hadzo.

Dararu furathi -thihi

Dambili fumi

Dararu fumirathi

Dana furathi

Daiña fumalo raru

160

483

361

316

210

10. Nwalani dziodinala dza nomboro dzi tevhelaho nga mutevhe u bva kha thukhusa.

vhu13

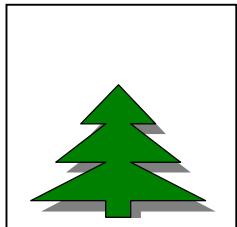
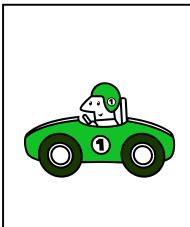
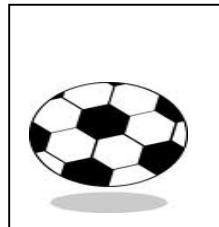
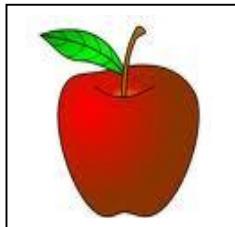
vhu31

vhu28

vhu6

vhuvhili2

11.



Lavhelesani kha zwifanyiso afho n̄ha. Ndi tshibogisi tshifhio tshi re kha tshamonde tsha goloi?

Goloi i kha tshibogisi tsha _____ u bva kha tshamonde.

12. Dadzisani > kana < uri fhungo la nomboro inwe na inwe li ambe.

- a. 613 _____ 731
- b. 490 _____ 290
- c. 327 _____ 732

13. Talelani ledere la phindulo yone.

- A 472 > 742
- B 399 < 500 + 99
- C 221 = 122
- D 749 > 750 - 1

14. Nwalani nomboro dzo newaho u bva kha thukhusa u ya kha khulwanesa.

- a. 631 , 366 , 613 , 376 , 276 , 167
-

- b. 742 , 422 , 472 , 727 , 442 , 247
-

15. **Dadzisani nomboro yo siedzwaho.**

a. $673 = \underline{\hspace{2cm}} + 3$

b. $417 = 410 + \underline{\hspace{2cm}}$

16. **Nwalani vhuimo ha nomboro yo talelwaho nga fhasi.**

a. 472

b. 27

17. Kha 694 hu na fumi dza 69. Ee kana Hai? _____

18. **Talelani phindulo yone.**

Kha nomboro 374, vhuimo ha 3 ndi.

a. fumi

b. dana

c. uniti

19. Vun»ekanyani 573 nga n»ila 2 dzo fhambanaho.

$$573 = \underline{\hspace{2cm}}$$

$$573 = \underline{\hspace{2cm}}$$

20. Nwalani nomboro dzo tachelaho kana maipfi kha zwibogisi.

a. $298 = \boxed{\quad}$ dana + $\boxed{\quad}$ fumi + $\boxed{\quad}$ uniti

b. $310 = 3 \boxed{\quad} + 1 \boxed{\quad} + 0 \boxed{\quad}$

21. Livhanyani nomboro na nomboro ya khadi yone.

316
128
411
269

400	1	10
200	60	9
10	300	6
8	20	100

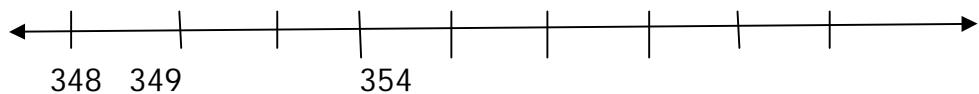
22. Nwalani $10 + 7 + 300$ nga ndila yo leluwaho.

23. Dadzisani nomboro dzo siedzwaho.

	Nomboro yo davhula	Nomboro	Nomboro yo hafulwa
a.		150	
b.		84	
c.		21	

24.

Nwalani 352 kha vhuimo hone kha mutalo-mbalo.



25. Iselani nomboro iñwe na iñwe tsinisa na fumi.

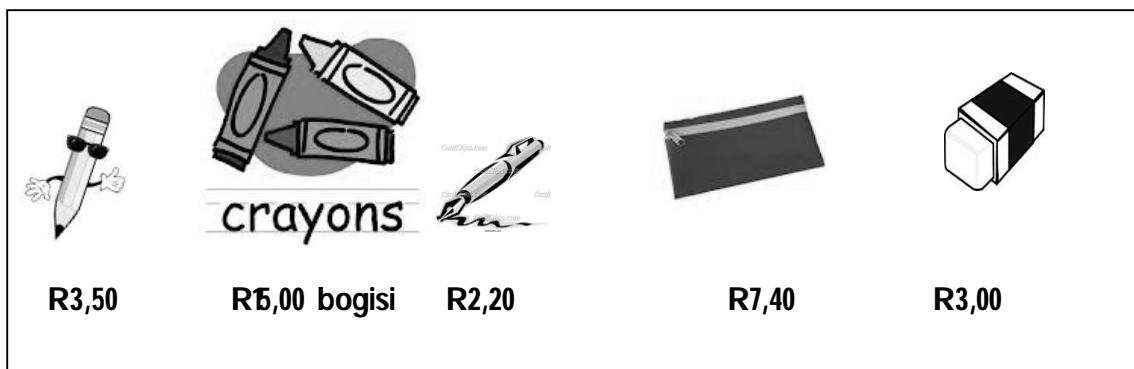
a. $62 = \underline{\hspace{2cm}}$ tsinisa na fumi.

b. $127 = \underline{\hspace{2cm}}$ tsinisa na fumi.

26. Mugudisi vho humbela vhagudi u dobela mithivho ya mabo»elo mafheloni a vhege. Salani o dobela mithivho ya 619 ngeno Luvhani o dobela mithivho ya 125. Ndi mithivho mingana ye Solani na Luvhani vha kuvhanganya yo ḥangana?
27. Aluwani na khonani dzawe 3 vha khou kuvhanganya zwittemmbe zwa mutambo.
Vha ḥodou tamba. Munwe na muñwe o kuvhanganya zwittemmbe zwa 23. Ndi zwittemmbe zwingana zwe vha zwi kuvhanganya?
28. Mugudisi vho ḥa na mabesikitsi a 45 tshikoloni. Vha ḥoda u kovhela vhagudi 4 mabesikitsi a no lingana vha ḥaho tshikoloni vha songo lenga. Mugudi muñwe na muñwe u ḥo wana mangana?
29. Kovhani mavhuļu ya 68 u lingana vhukati ha Themba na khonani yawe. Muñwe na muñwe u ḥo wana mavhuļu mingana?
30. Khonani tharu dzo renga małegere a 35 e vha kovhelana u lingana. Mużwe na muñwe u ḥo wana małegere mangana?
31. Bulani u na mavhuļu ya 125. U na mavhuļu ya 82 miłuku kha Vhulahani. Vhulahani u na mavhuļu mingana?

32. Hu na goloi dza 21 hu ne ha pakwa hone vhengeleni ja Shoprite. Hu na mathaela mangana o ḫangana hu tshi katelwa na thaela ja tshipere?

33. **Shumisani mutevhe wa mitengo u fhindula mbudziso.**



- a. Phambano ya mutengo wa pene na penisela ndi mini?

- b. Sundani o renga pene mbili, penisela, raba na tshikwama tsha penisela.
O shumisa vhugai yo ḫangana?
- c. Mugudisi vha ḫoda u renga mabogisi 2 a khirayoni, pene 2, na penisela 2.
Vhalelani tshintshi arali o badela nga R50.
- d. Ndi mabogisi mangana a khirayoni e Mufunwa a renga arali o a badela
nga R60?

34. Fhedzisani zwi tevhelaho:

a. $763c = R\text{_____}$

R_____

c. $579c = R\text{_____}$

_____ c

e. $R6,15 = \text{_____}c$

_____ c

b. $207c =$

d. $R2,63 =$

f. $R4,25 =$

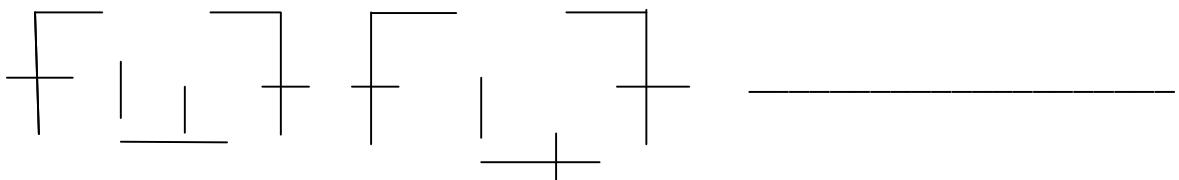
Phetheni , Fankisheni na Alidzebura

Olani nyolo i tevhelaho ya phetheni inwe na inwe.

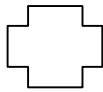
a. $\begin{array}{c} \circ \\ \circ \circ \\ \hline \end{array}$ $\begin{array}{cc} \circ & \circ \\ \circ & \circ \end{array}$ $\begin{array}{ccc} \circ & \circ & \circ \end{array}$

$\begin{array}{c} \square \\ \square \quad \begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} \quad \begin{array}{|c|c|c|} \hline \square & \square & \square \\ \hline \end{array} \end{array}$

$\begin{array}{c} \boxed{} \\ \boxed{} \quad \boxed{} \\ \hline \end{array}$



2.



Shumisani zwivhumbeo zwi tevhelaho u ita phetheni yanu. Dovhololani phetheni yanu.

3. a. Nwalani nomboro 3 dzitevhelaho.

526, 527, 528, _____, _____, _____

Talutshedzani phetheni nga maipfi anu.

b. Dadzisani nomboro dzo siedzwaho nga mutevhe.

738, 736, 734, _____, _____, _____, 726

Talutshedzani phetheni nga maipfi anu.

4. Mupaki u ṭoda u paka makasi a kholođiringi kha makhireithi.

Khireithi li thihi li fara khene dza khodiringi dza 25.

Fhedzisani thebuļu.

Nomboro ya makhireithi	1	2	3	4	5	6
Nomboro ya dzikhene	25	50		100	125	

5. a Thomani nga nomboro yo newaho, itani phetheni yanu ni talutshedze mulayo we na u shumisa.

330, _____, _____, _____.

Mulayo we na u shumisa:

- b. 504, _____, _____, _____.

Mulayo we na u shumisa: _____.

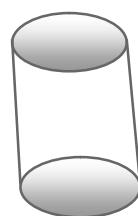
1. Tshikhala na Tshivhumbeo

Tingeledzani ledere la phindulo yone.

Ndi tshifhio kha zwithu zwitevhelaho tshi ne tsha vha khounu?



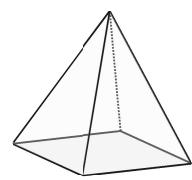
A.



B.



C.



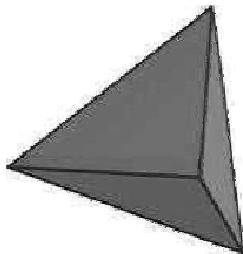
D.

2. Tingeledzani ledere la phindulo yone.

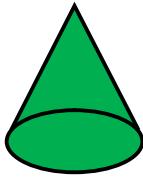
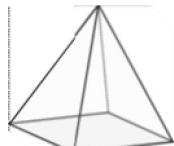
Ndi tshifhio tshithu tsha 2-D kha zwitevhelaho tshi ne tsha shumiswa u ita tshikwea tsha phiramidi?



3. Thathuvhani sifhere ni fhindule mbudziso.



- a. Dzina la sifhere ya 3-D i re afho ndi mini? _____
- b. Sifhere ya 3-D i re afho nthia i na zwifhaatuwo zwingana? _____
4. Talani mutalo u livhanya tshivhumbeo na dzina latsho.

	Phiramidi ya tshikwea
	Khounu
	Phirisima ya rekhitenguļa
	Silinda

1. Muelo

Ndi yuniti ifhio ya muelo i ne na nga i shumisa u kala:

a. Vhulapfu ha bugu? _____

b. Vhuphara ha kiłasirumu? _____

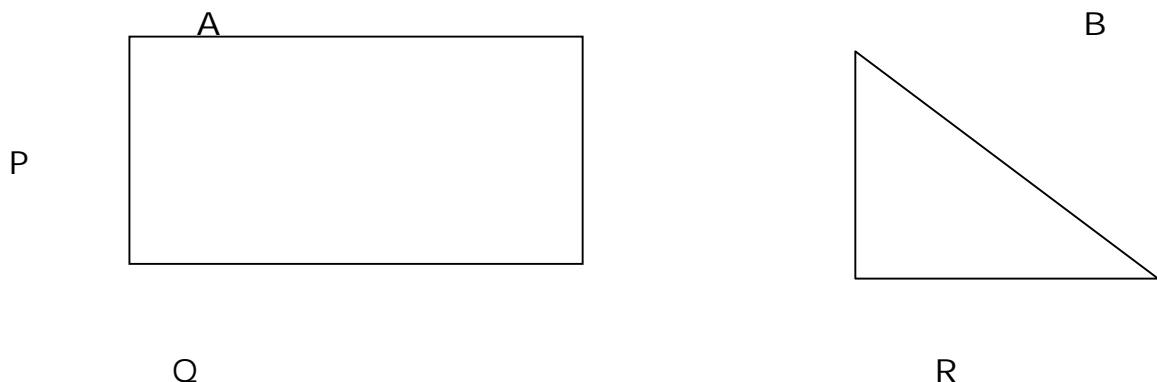
2. Gudani khałenda afho fhasi ni fhindule mbudziso.



- a. Miñwedzi i ne ya vha na mađuvha a 30 ndi _____
- b. Tshivhalo tsha nomboro ya mađuvha kha ñwaha zwawo = _____
- c. Nomboro ya Migivhela nga July = _____
- d. Nomboro ya dzivhege kha ñwaha = _____
- e. Nomboro ya miñwedzi kha ñwaha = _____
- f. Nomboro ya mađuvha vhukati ha Duvha ja vhashumi na Duvha ja vhaswa = _____
3. Sedzani kha khaļenda kha mbudziso 2 ni fhedzise thebuļu.

Datumu		Holodeni dza nnyi na nnyi dza SA	Duvha kha khaļenda
a	01 Phando 2012	Duvha ja Ñwaha Muswa	
b	21 Thafamuhwe 2012	Duvha ja Pfanelo dza Vhathu	
c	01 Shundunthule 2012	Duvha ja Vhashumi	
d	16 Fulwi 2012	Duvha ja Vhaswa	

4. Mađuvha a 42 a lingana na vhege _____.
5. Minwedzi 4 i lingana na _____ ya niwaha.
6. Fhedzisani: Arali tshanda tsha minete ya watshi tsho sumba kha 10, i sumbedza _____ kana _____
7. Thomani nga u anganya ni kone u shumisa ruļa u kala vhulapfu ha matungo othe kha nyolo dzitevhelaho nga senthimitha. Nwalani phindulo kha thebulu.



	Matungu	U humbulela	Muelo wone
a	AB		
b	BC		
c	DC		
d	AD		
e	PQ		
f	PR		
g	QR		

8. Vhalelani ḫhanganyelo ya tshikhala u mona na nyolo iñwe na iñwe kha mbudziso 6.

- a. Ya ḫhofunde -raru ABCD, ḫhanganyelo ya tshikhala = _____
- b. Ya ḫhofunde-raru PQR, ḫhanganyelo ya tshikhala= _____

1. U shuma na Data

Shumani o rekhoa mielo ya zwienda zwa vhagudi ngae vha Gireidi 3 sa zwitevhelaho:

4	7	7	6	4	5	3	6
7	4	5	3	3	6	7	3
3	5	7	4	6	5	3	4
6	3	4	4	7	4	3	5

- a. Nomboro ya vhagudi vha ne vha ambara muelo wa zwienda wa saizi

$$3 = \underline{\hspace{2cm}}$$

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

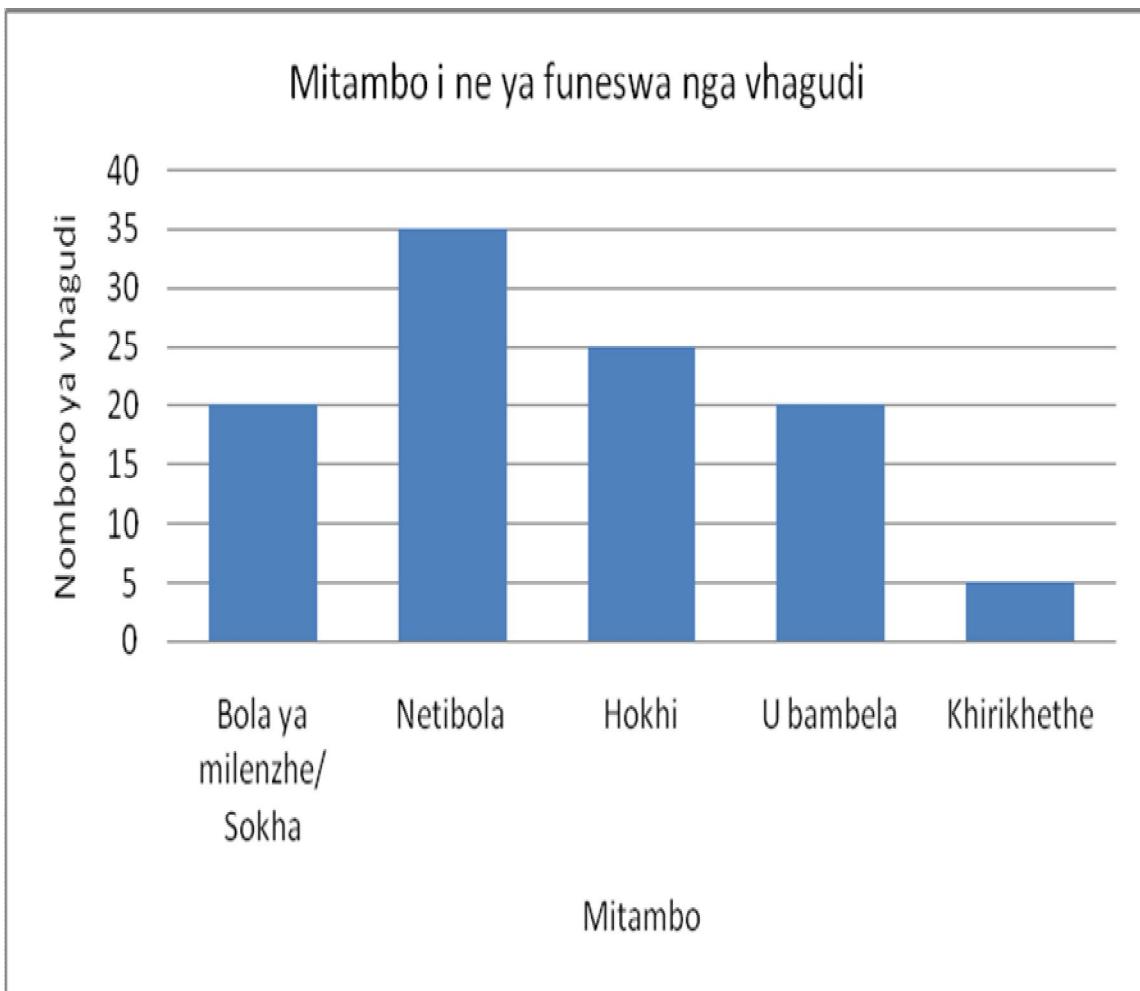
$$5 = \underline{\hspace{2cm}}$$

$$6 = \underline{\hspace{2cm}}$$

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

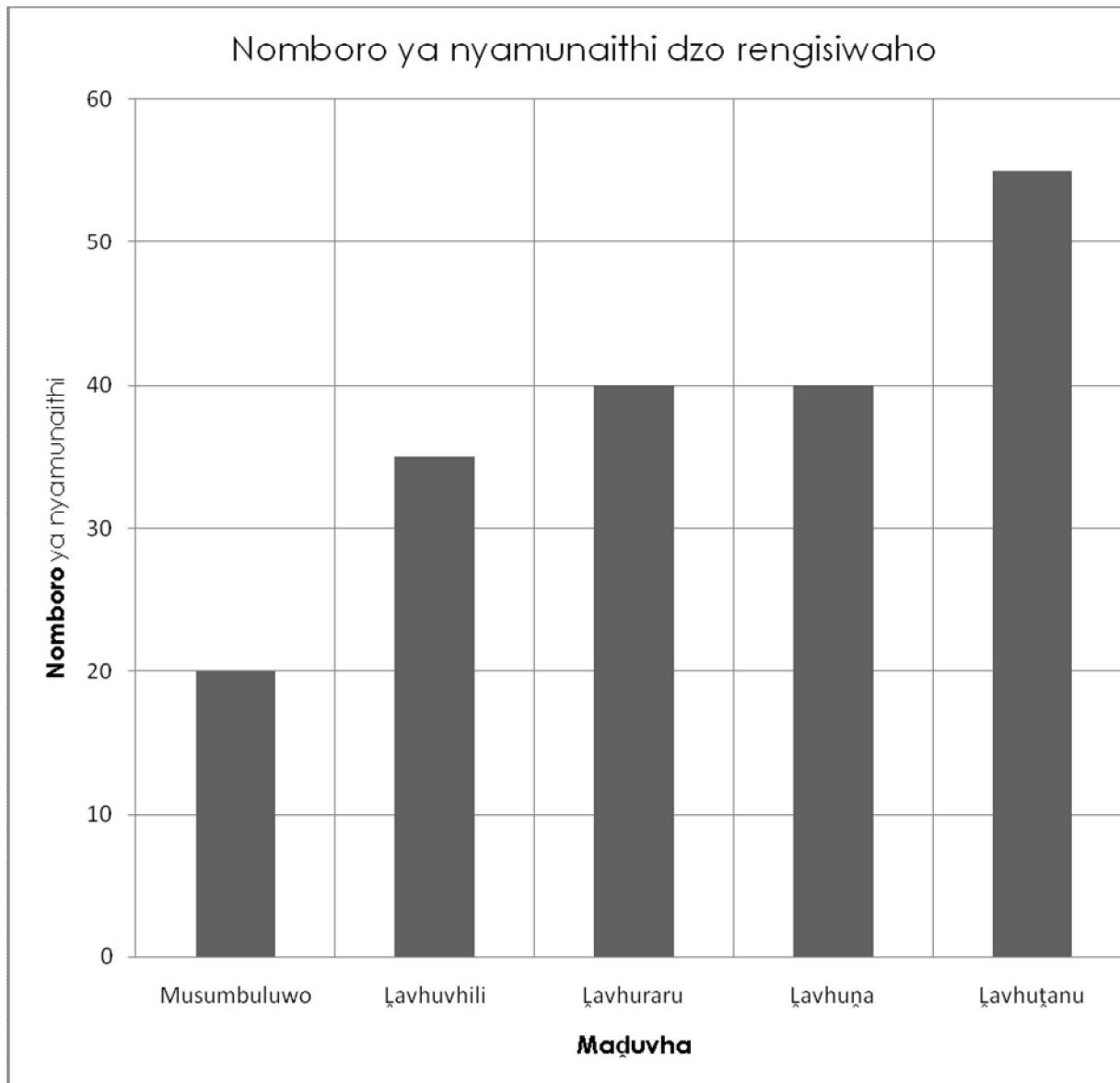
- b. Olani baa girafu fanyisa mafhungo.

2. Lavhelesani kha baa girafu afho fhasi ni fhindule mbudziso.



- Ndi vhangana vhagudi vha takalelaho hoki? _____ .
- Nomboro ya vhagudi vha takalelaho khirikhete _____ .
- Mutambo u funeswaho nga vhagudi vhanzhi ndi _____ .
- Mutambo u funeswaho zwituku nga vhagudi ndi _____ .
- Ndi mitambo 2 ifhio i funeswaho nga nomboro nthihi ya vhagudi?
_____ .

3. Lavhelesani kha baa girafu afho fhasi ni fhindule mbudziso.



- a. Nomboro ya khodiringi dzo rengiswaho nga Musumbuluwo ndi = _____
- b. Duvha le ha rengiseswa kholođiringi nnzhisa ndi _____
- c. Nomboro ya khodiringi dzo rengiswaho nga Łavhučanu ndi = _____
- d. Hu na kholođiringi nngana dzińwe dze dza rengiswa nga Łavhučanu u fhira Łavhuna? _____ .

