



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

MULINGO WA NWAHA NGA NWAHA WA SHANGO LOṬHE

GIREIDI 2

MBALO- TSHIVENḂA

SETHE 2 : TSUMBO DZA MULINGO 2012

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

1. Nyangaredzo nga u angaredza.

Mulingo wa Nwaha nga Nwaha wa Shango Lothe (MNSL) ANA ndi u linga ndivho na zwikili nga murahu ha tshifhinga tshilapfu hu tshi sedzwa zwo lavhelelwaho 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 vhuḁifulufheli kha u bvelela musi vha tshi dzhenela kha milingo ya nḁa, tshigwada tsha vhadededzi kana vhomakone vha dzi thero vho bveledza thesite dza tsumbo dzi ne mudededzi a nga dzi shumisa kha ngudo dza Luambo na Mbalo. Mbudziso dza tsumbo dza thesite dzo bveledzwa dzi tshi bva kha mushumo wa Kharikhulamune wa katela themo 1, 2, na 3 dza Nwaha, zwi tshi katela na modele wa (MNSL) ANA na zwone zwo tshedzwa. Tsumbo dzi ne 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 maitete a u linga a zwikili kana ndivho i fanaho. Sa tsumbo inwe 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 tshitamennde (tshi ne tsha tḁa vhagudi vha tshi iwala phindulo pfufhi kana paragirafu) kana luwe lushaka lwa mbudziso. (U humbela vhagudi uri vha tḁanganye 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 zwiivhumbeo zwo fhambanaho fhedzi dzi tshi khou vhudzisa tshithu tshithi, vha tea u pfesesa uri izwi zwo tou pulaniwa nga ndila yeneyo na vhagudi vha tea u fhindula mbudziso dza tsumbo dzothe. Vha khou tḁaniwa kha thekiniki dza mavhudzisele kana kha maitete o fhambanaho u vha tḁea vhuḁifulufheli u livhana na thesite.

3. U tḁumanya na zwiwe zwiishumiswa zwa u guda na u gudisa.

U itela thanganelano, dziwe tsumbo dza thesite na mbudziso zwo itwa nga khole u zwiḁumanya na bugu dza mushumo. Tsumbo idzi dzo dovha dza livhanywa na tḁoḁea dza Tshitamennde tsha Kharikhulamune ya Lushaka Gireidi 1-12 (TKL), mbetshelwa ya Tshitamennde tsha Pholisi tsha Kharikhulamune na u linga (TPTLM) zwine zwa vha zwa gireidi yeneyo na purotokholo ya u linga ya lushaka. Maiwalwa aya othe o tḁangana na ane tshikolo tsha tḁo a tshedzwa a ita mutheo wo dziaho une wa thusa mudededzi kha u ita ndugiselo ya ngudo na u linga ha fomaḁa (u linga ha ngudo).

4. Zwi ne tsumbo dza shumiswa zwone.

Musi tsumbo dza gireidi na thero dzo dzudzanyiwa nga mutavha wo katelaho zwidodombedzwa zwothe, mudededzi ha tei u tḁea vhagudi mutavha wothe wa mbudziso uri vha fhindule nga tshifhinga tshithi. Mudededzi u tea u nanga mbudziso dzi ne dza elana na ngudo dze a dzudzanya dzo tshelwaho tshifhinga tshenetsho. Vha tea u nanga tsumbo dza mbudziso nga nthihi nga vhuronwane kana tshigwada tsha mbudziso dzi ne 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 tshedziso (diagnostic) u itela u topola maanda na vhuḁudzeḁudze ha mugudi. Mawanwa a tshedziso a tea u bveledza nyeletshedzo kha vhagudi na u bveledza ngudo dzo teaho u lulamisa vhuḁudzeḁudze ho topoliwaho na u khwaḁhisa maanda a vhukoni vhu ne vha vha naho. Thesite ya tshedziso i nga fhiwa sa tshuḁwahaya 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 zwo tiwaho musi ngudo i tshi khou ḁi ya phanda u itela uri hu songo vha na mugudi a ne a tḁo 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 zwo teaho kha ngudo dzo no gudwaho/funzwaho. **Tshivhudzo (feedback)** i tea u fhiwa musi mudededzi a tshi vhona hu na ngudo dzi ne dza toḁa u **khwaḁhisedza (consolidate)** ndivho na zwikili zwo imaho ngauri.

4.4. Tshifhinga tshoḁhe vhagudi vha tea u ḁanelwa maitete a u linga kana kuvhudzisele, tsumbo, kufhindulele kwa u nanga hu na zwinzhi (multiple –choice) mbudziso ya phindulo nanzhi u fhindula nga u tou funa, (free response) mbudziso dza phindulo pfufhi, na dziḁwe.

Musi tzedzisiso (diagnostic) na u linga ha tshifhinga tshoḁhe (formative) hu tshi nga vha hu pfufhi zwi tshi ya kha tshivhalo tsha mbudziso dzo katelwaho, u linga nga murahu ha tshifhinga tshilapfu hu ḁo katela mbudziso nanzhi u swika kha thesite yo fhelelaho zwi tshi ya kha mushumo wo no gudwaho nga itsho tshifhinga. Zwa ndeme ndi zwa uri vhagudi vha ite nḁowenḁowe yo teaho kha u fhindula thesite yo ḁalaho na kha lushaka lwa tsumbo ya thesite ya Mulingo wa ° waha nga ° waha wa Shango · oḁhe (MNS·) ha lushaka.

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

Tsumbo ya vhukuma ya phindulo ndavhelelwa dza tsumbo dza mbudziso iḁwe na iḁwe ya thesite dzo ḁetshedzwa 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 ḁetshedza fhedzi maitete o ḁanḁavhuwaho a phindulo ndavhelelwa na vhadededzi vha tea u vhudzisesa vha kone u ḁea muiene phindulo i tendiseaho na dziḁwe phindulo dzi tendiseaho dzo fhambanaho dzo ḁetshedzwaho nga vhagudi.

6. U katelwa ha kharikhujamu.

Ndi zwa ndeme vhukuma uri kharikhujamu ya kilasi yeneyo i katelwe nga vhuḁalo. Tsumbo dza gireidi iḁwe na iḁwe a dzo ngo katela kharikhujamu yoḁhe. Ho tou topolwa ndivho na zwikili zwa ndeme zwa mushumo u ne wa katela themo yu 1, 2 na 3 ya ḁwaha wa tshikolo. U siana ha mushumo zwo ya nga nḁila ye zwa sumbedzwa ngayo kha maḁwalwa a Tshitatamennde tsha Phoḁisi ya Kharikhujamu yau Linga ya Lushaka (TPKLL).

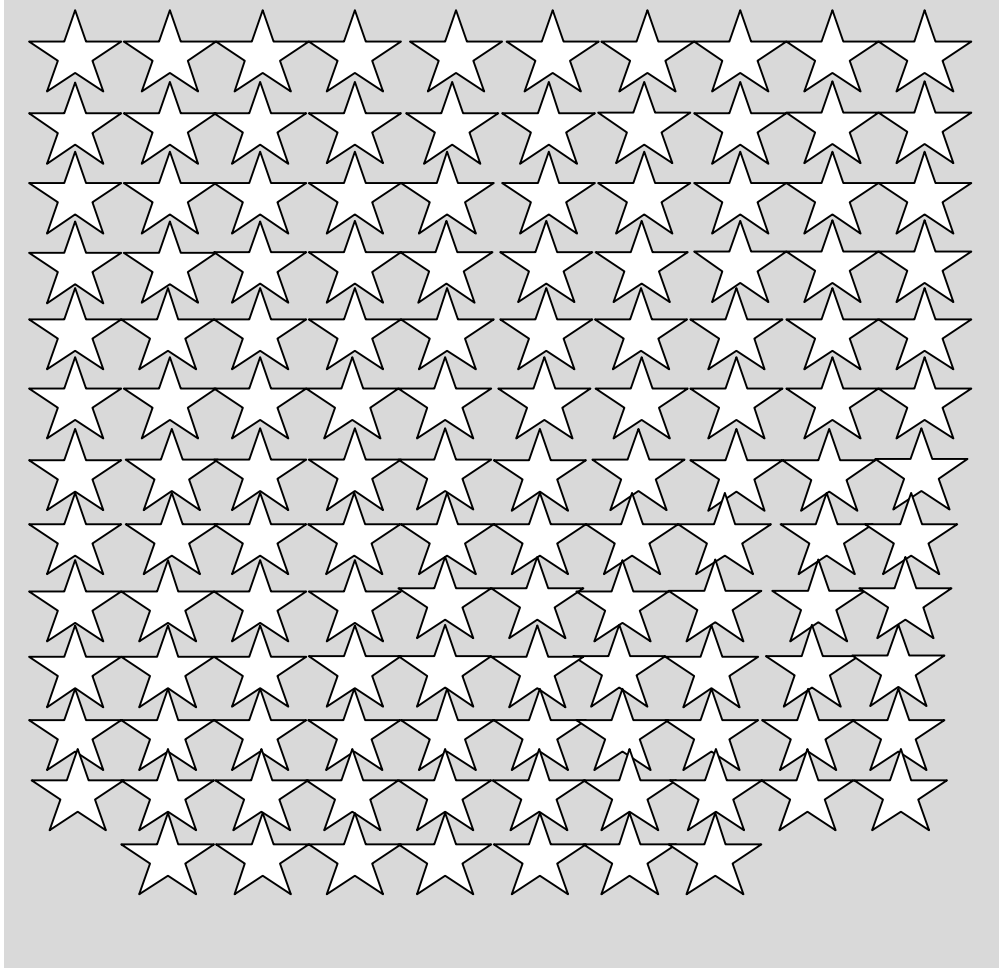
7. Phendelo.

Ndivho ya muhasho ndi u khwiḁisa vhuimo na vhunzani (quality) ha kushumele kwa vhagudi kha zwikili zwa ḁitheresi na Nyumeresi zwa ndeme zwa mathomo. (M° S·) ndi tshiḁwe tsha zwishumiswa zwine muhasho wa khou tshi shumisa u tola arali mashumele a vhagudi a tshi khou khwiḁisea, u dzula o ralo kana a tshi khou tsela fhasi. Zwiḁiriki na zwikolo zwi lavhelelwa u tikedza vhadededzi na u vha ḁea zwishumiswa u khwiḁisa kufunzele na kugudele zwikoloni. Nga u shumisa tsumbo dza (M° S·) sa tshipiḁa tsha zwishumiswa zwa u funza, vhadededzi vha ḁo thusa vhagudi uri vha vhe na nzhele kha maitete o fhambanaho a u linga. Nga kushumisele kwone kwa tsumbo zwi ḁo thusa vhagudi u wana ndivho na u bvedza zwikili zwa u guda nga nḁila yone na kushumele kwa khwiḁe hu tshi tevhelwa thesite dza (M° S·).

1. **NOMBORO, TSWAYO NA VHUSHAKA.**

(0-150)

Sedzani kha tshifanyiso ni kone u fhindula mbudziso dzi tevhelaho.



- a. Vhalelani naledzi ni n'wale tshiga tsha nomboro tshi re tshone. _____
- b. Hu na zwigwada zwa vho-ina zwa naledzi zwingana afho?

- c. Hu na zwigwada zwa vho-phanu zwa naledzi zwingana a fho? _____

d. Hu na zwigwada zwa vho-raru zwa η aledzi zwingana a fho?

e. Hu na zwigwada zwa vho-fumi zwa η aledzi zwingana a fho?

2. Dadzisani nomboro yo η ahelaho.

a. 131, _____; 133; _____; _____ 136.

b. 120 _____; _____; _____; 140

3. Fhedzisani phetheni ya nomboro dzi tevhelaho.

a. _____; 70; 72; _____; _____; 78

b. 110; _____; _____; 95; _____; 85

4. Dadzisani nomboro dzo η ahelaho kha mutevhe mu η we na mu η we u tevhelaho.

a. 36; 37; _____; _____; 40

b. 66; 68; _____; _____; 74

c. 12; 16; _____; _____; 28

5. Nwalani tshiga tsha nomboro tsha madzina a tevhelaho.
- Fusumbe- malo _____
 - Dana fumi-mbili
 - Dana t̄hanu _____
 - Dana fuṭhanu _____
6. Nwalani madzina a nomboro nga maipfi.
- 36
 - 52
 - 100
 - 32
7. Olani misevhe u livhanya/vhambedza tshiga tsha nomboro na dzina.
- 98 ḡana fuiṅa t̄ahe
 - 118 fumalo
 - 149 ḡana fumi-malo
 - 80 fumithihi
 - 11 fuṭahe malo

8. Nwalani nomboro i ne ya da vhukati ha nomboro mbili dzo newaho.

a	19		21
b	23		25
c	59		61

9. Dadzisani nga =, > kana < vhukati ha nomboro mbili dzo newaho.
Nwalani u ita uri izwi zwi tatamennde zwi vhe zwone

a. 122 _____ 102

b. 105 _____ 105

c. 101 _____ 110

10. Vhekanyani nomboro u bva kha thukhusesa u ya kha khulwanesa.

a. 100 110 95 90 105

b. 51 15 105 115

c. 56 54 50 52 58

11. Dzudzanyani nomboro u bva kha khulwanesa u ya kha thukhusesa.

a. 35 47 43 31 39

b. 35 40 25 45 30

c. 42 44 43 45 41

12. Nwalani nomboro dza didzhiti mbili nga tshivhumbeo tsha u tatamudza.

Tsumbo: $37 = 30 + 7 = 3 \text{ mahumi} + 7 \text{ vhuthihi}$.

a. $27 =$ _____

b. $14 =$ _____

c. $41 =$ _____

d. $52 =$ _____

13. Kha nomboro

- a. 28, velu/vhuimo/ndeme ha didzhiti 8 ndi _____ na velu/vhuimo ha didzhiti 2 ndi _____.
- b. 35, velu/vhuimo/ndeme ya didzhiti 5 ndi _____ na velu/vhuimo/ndeme ya didzhiti 3 ndi _____.
- c. 42, velu/vhuimo/ndeme ya didzhiti 2 ndi _____ na velu/vhuimo/ndeme 4 ndi _____

14. Rekanyani nga u pwashekana nomboro khulwane.

Tsumbo $19+7 = 10+9$

$$= 10+10 +6$$

$$= 26$$

- a. D̄adzisani nomboro dzo pfukiwaho.

$$16 + 7 = \underline{10} + \underline{\quad} + 7$$

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

$$= \underline{\quad}$$

- b. $19 + 6 = 10 + \underline{\quad} + 6$

$$= 10 + \underline{\quad} + \underline{\quad}$$

$$= \underline{\quad}$$

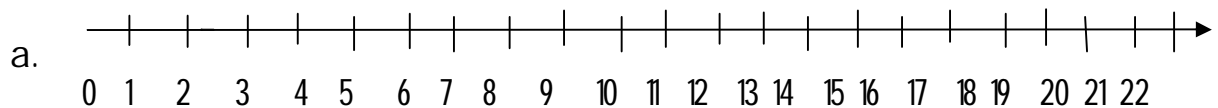
15. Hafulani nomboro ye na newa.

Nomboro	Nomboro yo hafulwaho
24	
16	
12	

16. Itani kavhili/ davhulani nomboro ye na fhiwa.

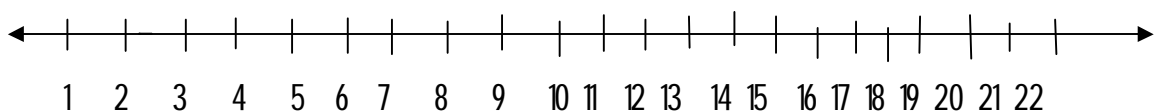
Nomboro	Nomboro yo davhulwaho
18	
10	
14	

17. Shumisani mutalombalo u $\frac{3}{4}$ anganya 13 na 8



b. Ni dovhe ni tanganye $13 + 8 =$

Tusani 14 kha 22



Ni dovhe ni shume $22 - 14 =$

18. **U TANDULULA THAIDZO (dza maipfi)**

- a. Livhu u na mavhulu ya 45. O xedza mavhulu ya 20. O sala na mavhulu mingana?

Tshivhalo tsha mavhulu yo salaho = _____

- b. Thomani u na maḽegere a 16. O ḽea Bala a 7. Ndi maḽegere mangana a ne Thomani a vha nao zwino?

Tshivhalo tsha maḽegere ndi _____

- c. Takalani o doba maberegisi a 25 na Buḽi a doba maberegisi a 23.

Ndi maberegisi mangana e Takalani a doba u fhirisa a Buḽi?

Takalani o doba maberegisi ____ u fhirisa Buḽi.

- d. Dakalo, Lufuno, Maria na Pandelani muḽwe na muḽwe u na maḽegere 4. Maḽegere avho o ḽangana ndi mangana?

- e. Tshivhalo tsha maḽegere o ḽangana ndi _____

19. **ḽadzisani nomboro u fhedzisa u ḽanganya ha ndovhololo.**

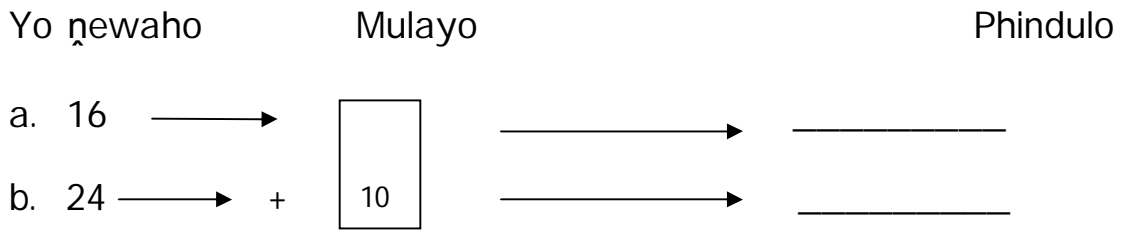
a. $27 + 2 + \underline{\quad} + \underline{\quad} = 33$

b. $31 + \underline{\quad} + \underline{\quad} + \underline{\quad} = 43$

c. $16 + 10 + \underline{\quad} + \underline{\quad} = \underline{\quad}$

d. $19 + 6 + \underline{\quad} + \underline{\quad} = \underline{\quad}$

20. Fhedzisani nyolo i elaho.



21. U vhekanya nga zwigwada na u kovhekana.

.
.
.

Sedzani kha zwigwada zwa zwithoma afho ntha ni kone u fhedzisa fhungo liwe na liwe.

- a. Hu na miduba 3 muwe na muwe u na zwithoma zwa _____ .
- b. Hu na zwithoma zwa _____ zwo tangana zwothe.

22. a. Lugisani u fanela u vhea magarata a 36 kha phakethe, inwe na inwe i na 6.

U do ita phakethe nngana? _____

d. Muwe na muwe u do wana vhugai arali R48 yo kovhekanyelwa vhatu vha 8. _____

c. Kha kiasi ya Gireidi 3 i re na vhagudiswa vha 42. Tshivhalo tsha vhatukana na vhasidzana tshi a lingana.

Hu na vhasidzana vhangana kiasini? _____

23a. Fhindulani mbudzo dzi tevhelaho

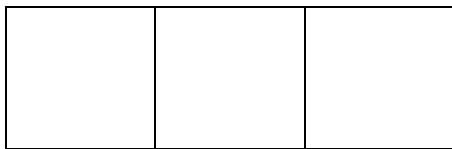


b. Tshivhumbeo tsho kovhekanyiwa nga zwipiḁa _____ zwi linganaho na _____ tsho swifhadzwaho.

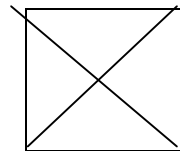


c. Tshivhumbeo tsho kovhekanyiwa nga zwipiḁa _____ zwi linganaho na _____ tsho swifhadzwaho.

Khirayani zwipiḁa zwo sumbedzwaho kha nyolo inwe na inwe.

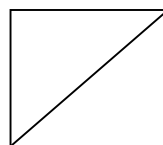
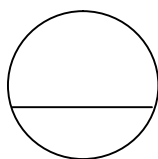
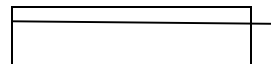


Nthihi tsha raru



kotara

d. Swayani nyolo inwe na inwe nga "✓" kana "x" u sumbedza uri yo kovhekanyiwa nga zwipiḁa zwivhili zwi no lingana kana hai



24. **Tshelede**

Fhedzisani

	Mutengo	Ho badelwa nga	Tshintshi
a.	R1,20	R2	
b.	R10	R20	
c.	R3	R5	

25. Mangalani o renga bvani nga R8 na papawe nga R9.

U do wana tshintshi ya vhugai arali o badela nga R20 ya bambiri?

Tshintshi ndi _____.

26. **Rekanyani.**

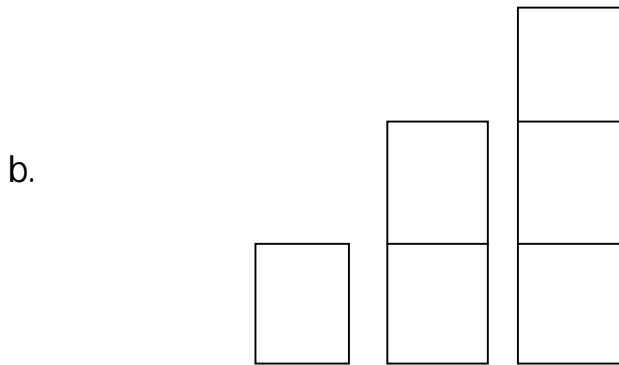
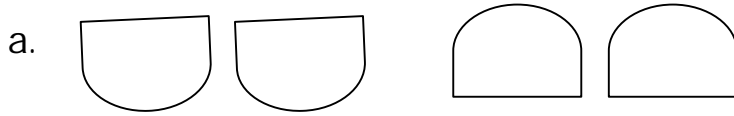
a. $5c + 10c + 10c =$ _____

b. $5c + 5c + 10c =$ _____

c. $20c + 20c + 20c =$ _____

27. **Phetheni**

Fhedzisani phetheni inwe na inwe.



28. Nwalani nomboro 3 nga u tevhekana kha mtevhe muñwe na muñwe.

a. 132; 133; 134; ____; ____; ____; 138

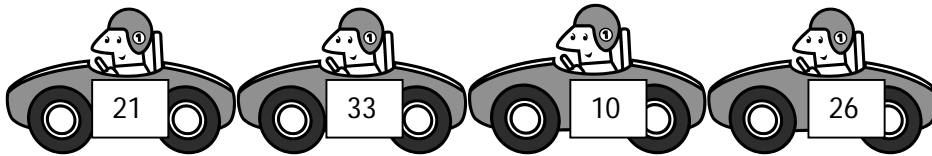
b. 132; 134; 136; ____; ____; ____; 144

c. 146; 144; 142; ____; ____; ____; 138

d. 120; 125; 130; ____; ____; ____; 150

e. 114; 117; 120; ____; ____; ____; 132

Vhuimo

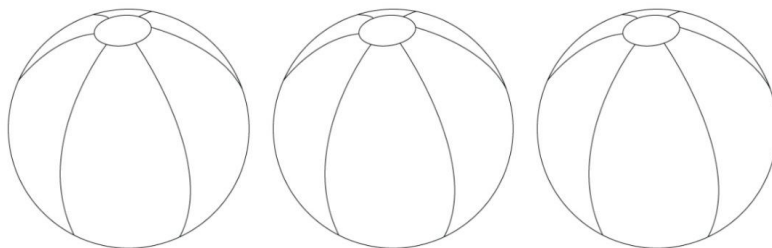


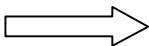
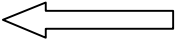


29. Hedzi ndi goloi 4 dzo pakiwaho nga muduba.

Fhedzisani

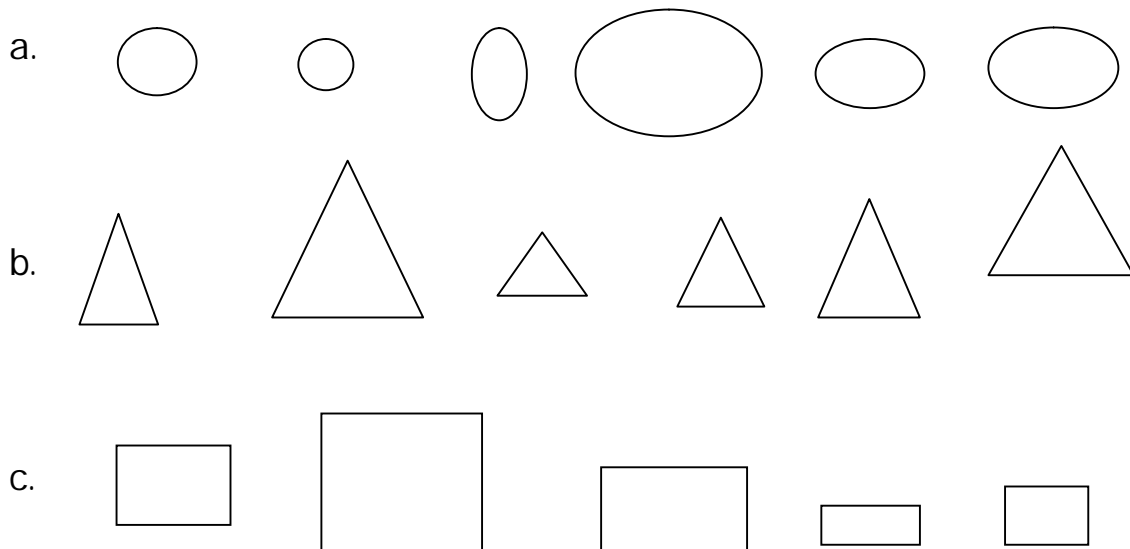
- Goloi i re na nomboro _____ i phanḁa.
 - Goloi i re na nomboro _____ na _____ dzi murahu ha goloi i re na nomboro 33
 - Goloi i re na nomboro _____ i tou vha murahu tsini na goloi i re na nomboro 10.
 - Goloi i re na nomboro _____ i tou vha phanḁa tsini na goloi i re na nomboro _____
-

30. Khirayani bola i re kha monde nga dzivha, i re kha kha tshauḁa nga lutombo na i re vhukati nga pephuḁu.

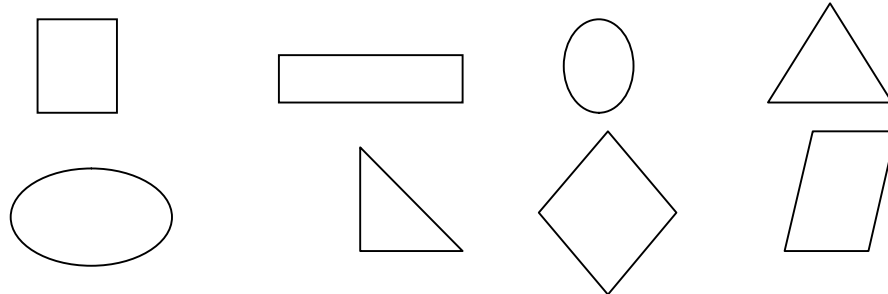


31. a. Musevhe  wo sumba thungo dzifhio? _____.
- b. Musevhe  wo sumba thungo dzifhio? _____.
- c. Musevhe  wo sumba thungo dzifhio? _____.
- d. Musvhe  wo sumba thungo dzifhio? _____.

32. Kha tshigwda tshiñwe na tshiñwe tsha zwivhumbeo,
 khirayani tshivhumbeo tshiñkusesa nga dzivha, tshivhumbeo
 tshihulwanesesa nga dala, tshivhumbeo tshuhulwanenyana
 nga tswuku.

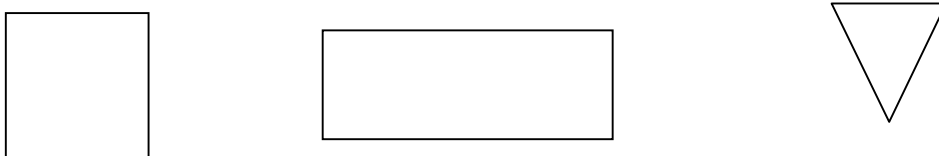


33. Swayani zwivhumbeo zwi ne zwa vha na lumeme lwo tou tswititiho nga "✓"
Na zwi ne zwa vha na lumeme lwo sendamaho nga "x"

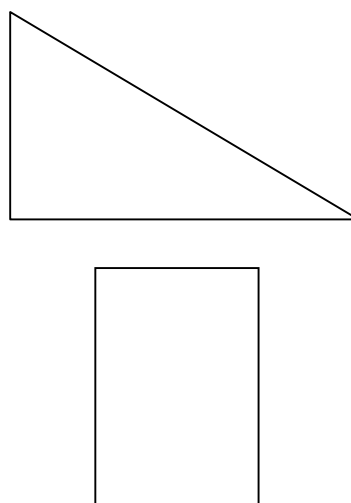


34. **Simeṭiri**

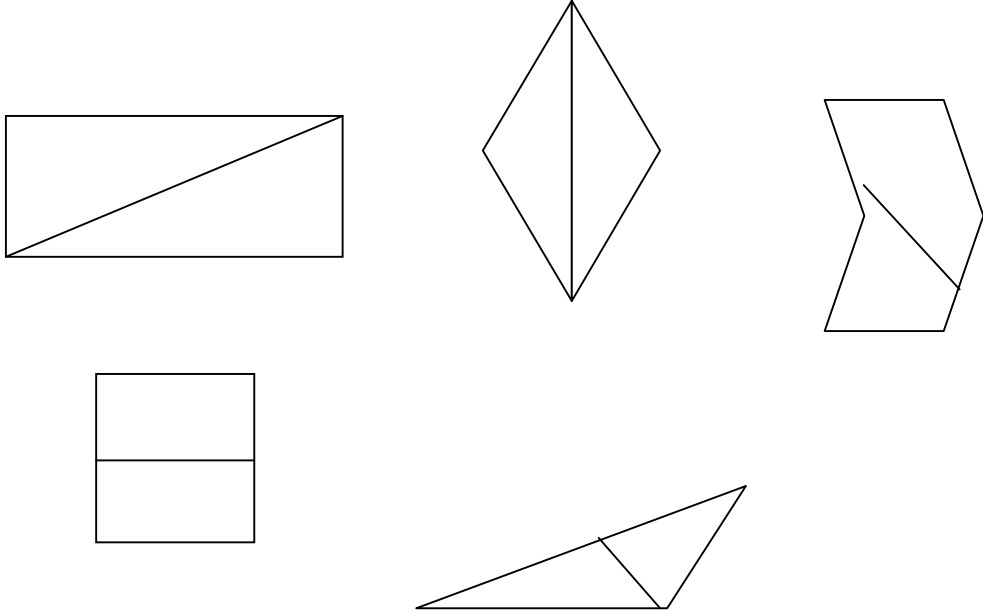
Olani mutalo wa simeṭiri kha tshivhumbeo tshinwe na tshinwe kha zwi tevhelaho zwa 2-D.



35. Olani inwe hafu ya tshivhumbeo o ita tshifanyiso tsho fhelelaho tsha simeṭiri.

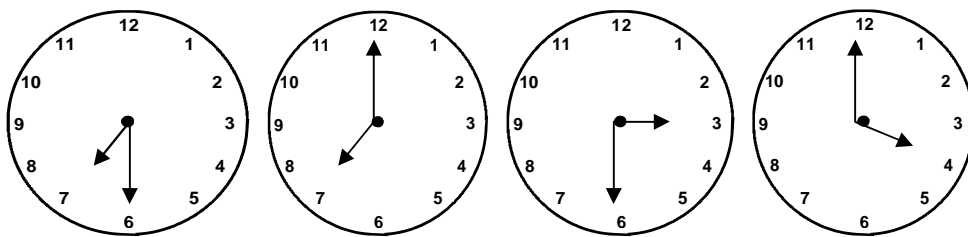


36. Swayani nga "✓" kha tshivhumbeo tshi re na mutalo wa simezi wone



37. **Tshifhinga**

Nwalani tshifhinga tsho sumbedziwaho kha zwifhantuwo watshi dzi tevhelaho.

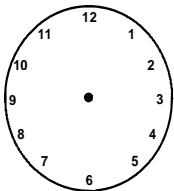


38. a. Hu do vha hu dzingana maḁuvha mararu murahu ha musi ho vha na ḁuvha la u fhedza la Phando? _____.

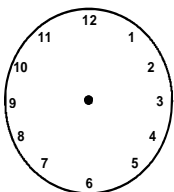
b. Arali ḁuvha la mabebo a Dumi lo vha maḁuvha maḁanu hu sa athu vha dzi 23 Phando. ḁuvha la mabebo awe lo vha nga dzingana?_____.

c. Nga dzi 1 dza Phando hu vha ho sala maḁuvha mangana u swika kha Khushumusi?

39. Olani tshanda tsha minete na tshanda tsha awara kha tshifhatuwo tsha watshi tshinwe na tshinwe u sumbedza tshifhinga tsho sumbedzwaho.



Awara ya 12



Hafu u bva kha awara ya 7

40. Bala o ya tshikoloni nga awara ya 7 nga matsheloni. O vhuya hayani nga awara ya 3 nga masiari. O fhedza awara nngana a siho hayani? _____

41. Vhalelani tshivhalo tsha awara u bva kha

a. Awara ya 8 u swika awara ya 12 _____.

b. Awara ya 1 u swika awara ya 7 _____.

c. Hafu u bva kha awara ya 2 u swika hafu u bva kha awara ya 9 _____.

d. Awara ya 4 u swika kha hafu u bva kha awara ya 12 _____.

42. **Vhunavha**

Lingululani vhunavha ha mitalo 5 afho fhasi.

Vhonani uri muñwe na muñwe wo lapfisa hani.

Mutalo A _____

Mutalo B _____

Mutalo C _____

Mutalo D _____

Ñwalani phindulo ni songo kala Mutalo.








a. mutalo _____ ndi mulapfusesa.

b. Mutalo _____ ndi mupfufhisesa.

c. Mutalo _____ na Mutalo _____ ndi mupfufhinyana kha mutalo D.

43. U shuma na Data

Khounu ya aisikhirimu dzo rengiswa kha tshivhengele tsha tshikolo nga tshifhinga tsha u awela.

Tshivhalo tsha aisi khirimu						Khii: zwifanyiso zwo imela aisi khirimu
						
						
						
						
						
	Musumbuluwo	ᱵavhuvhili	ᱵavhuraru	ᱵavhu᱆᱃	ᱵavhu᱆᱃᱆᱃	

Lavhelesani girafu ya zwifanyiso afho n᱆᱃ha ni kone u fhindula mbudziso

- Ndi ᱆᱃vha ᱵifhio ᱵe ha rengisiwa aisikhirimu ᱆᱃khusesa? _____.
- Tshivhalo tsha aisi khirimu yo rengisiwaho nga Musumbuluwo _____.
- Tshivhalo tsha aisi khirimu yo rengisiwaho nga ᱵavhu᱆᱃ _____.
- Tshivhalo tsho᱆᱃he tsha aisi khirimu yo rengisiwaho = _____.
- Dzo rengisiwaho nga ᱵavhu᱆᱃᱆᱃ dzo fhira dza ᱵavhuvhili nga nngana? _____.

44. Vhalelani zwivhumbeo zwo fhambanaho ni khiraye tshigwada tshiñwe na tshiñwe nga muvhala watsho uri hu na zwivhumbeo zwi ngana kha tshigwada tshiñwe na tshiñwe.

