



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

DITEKO TSA NGWAGA LE NGWAGA

TSA BOSETŠHABA

KEREITI 2

DIPALO – SETSWANA

SETE 3: SEKAO SA 2012

Dikaelo tsa go dirisa dikao tsa makwalopots a Tlhatlhobo ya Bosetšhaba ya Ngwaga

1. Thadisokakaretso

Tlhatlhobo ya Bosetšhaba ya Ngwaga (TBN) ke tlhatlhobo ya kwa bokhutlong ya kitso le bokgoni tse barutwana ba solo felwang gore ba bo ba di kwadisitwse kwa bokhutlong jwa nngwe le nngwe ya Mephato ya 1-6 le 9. Maloko a barutabana le bagakolodi ba dirutwa ba tlhamile dikao tsa makwalopots a teko a barutabana ba ka a dirisang mo thutong ya Puo le ya Dipalo ka maikaelelo a go tshegetsa ditlhatlhobo tsa kwa sekolong le go netefatsa gore barutwana ba nna le go itshepa go go tlhokagalang, le go tsaya karolo ka katlego mo ditlhatlhobong tsa kwa ntle. Dikao tsa makwalopots a diteko a tlhamilwe go tswa mo tirong ya kharikhulamo e e akaretsang Dikgweditharo 1, 2 le 3 tsa ngwaga wa sekolo le sekao sotlhe sa teko sa Tlhatlhobo ya Bosetšhaba ya Ngwaga sa mophato mongwe le mongwe se neetswe. Dikao tsa makwalopots a a akaretsang sekao sa lekwalopots la teko ya **Tlhatlhobo ya Bosetšhaba ya Ngwaga (TBN)**, a oketsa ditlhatlhobotsweledi tsa fa sekolong tse barutwana ba tshwaneteng go di dira mme ga e di emisetse/refosana le tsona.

2. Kgolaganyo le didiriswa tse dingwe tsa go ithuta le go ruta

Ditlhlangwa dingwe tsa dikao tsa makwalopots le dipotso ka botsona di golagantswe ka bomo le Dibukatiro tse di maleba tsa mophato gore go nne le tomagano/tsenyeletso e e tlhokagalang. Dikao tsa makwalopots di lolamisitswe/tlhamaladitswe go ya ka ditlhokego tsa Pegelo ya Kharikhulamo ya Bosetšhaba Mephato R-12 (PKB), tshiamelo ya Pegelo ya Pholisi ya Kharikhulamo le Tlhatlhobo (PPKT) ya mephato e e maleba le Porotokolo ya Bosetšhaba ya Tlhatlhobo (PBT). Dikwalo tse tsotlhe tse, go tlaleletsa le tse dingwe tse di ka neelwang ke sekolo, di bopa sediriswa se se humileng go thusa barutabana mo go ipaakanyetseng dithuto le go dira tlhatlhobo e e tlhomameng (tlhatlhobo ya go ithuta).

3. E lomagwana le metswedi e mengwe ya go ithuta le ya go ruta .

Gore gonne le botlhokwa jwa tomagano tse dingwe tsa dikao tsa ditlhlangwa le dipotso di lomagantswe ka maitlhomo a gore e tsamaelana le se se mo dibukeng tsa tiro tsa kereiti/mophato o o maleba.Dikao le tsona di dirilwe go tsamaelana tsa Kemo e e Tlhomamisitsweng ya Kharikhulamo ya Bosetšhaba le di tlhokego tsa Kemo e e Tlhomamisitsweng ya Kharikhulamo ya Bosetšhaba(NCS) Kereiti R-12, Neelano ya Pegelo ya Pholisi ya Kharikhulamo le Tlhatlhobo go dikereiti tse maleba le Tlhatlhobo ya Bosetshaba ya Porotokholo.Mmogo ditokomane tse,le tse dingwe fela tse sekolo se tla neelanang ka tsona, go dira motheo wa motswedi o o humileng go thusa barutabana go ipaakanyetsa dithuto le tsamaiso ya tlhatlhobo e e tlhomameng (Tlhatlhobo –ithuto).

4. O ka dirisa jang dikao tsa makwalopots

Le fa dikao tsa makwalopots a mophato le serutwa a rulagantswe go nna kompa e le nngwe, barutabana ga ba a tshwanelo go neela barutwana kompa yotho go e araba ka gangwe. Barutabana ba tshwanetse go tlhopha dipotso go tswa mo dikaong tsa makwalopots a a maleba le thuto e e rulaganeditsweng nako nngwe le nngwe e e neilweng. Dipotso tsa dikao tsa makwolopots a teko kgotsa setlhophya sa dipotso se se kgonagalang se se tlhophilweng ka kelotlhoko, di ka dirisiwa mo dikgatong tse di farologaneng tsa go ruta le go ithuta jaana:-

4.1 Kwa tshimologong ya thuto jaaka tekotshupo/tekotheo go supa bokgoni le makoa a morutwana. Tshupo e tshwanetse go isa kwa pegelong e e bonako go barutwana le go tlhama dithuto tse di maleba tse di buang ka makoa a a supilweng le go tiisa bokgoni. Tekotshupo e ka neelwa jaaka tirogae go boloka nako ya go ruta mo phaposing.

4.2 Ka nako ya dithuto tsa **teko** e khutswane **e e tlhomameng** go lekola gore barutwana ba tlhabolola kitso e e soloftsweng le bokgoni fa serutwa se tsweletswa pele go netefatsa gore ga gona morutwana yo o salelang kwa morago.

4.3 Kwa pheletsong ya serutwa kgotsa dithuto tse di latelanang e diriswa jaaka **teko e e sobokantsweng/teko ya kwa bokhutlong** go lekola gore a barutwana ba bona poelo ya go tlhaloganya e e lekanengle gore ba ka dirisa kitso le bokgoni bo ba bo fitlheletseng mo thutong e e konoseditsweng. Go neela barutwana **pegelo** ka nako gangwe fa morutabana a santse a akanya gore go na le dikarolo dingwe tsa thuto tse di batlang go lebelelwga gape kgotsa go **tiisetsa** kitso le bokgoni jo borileng.

4.4 Mo dikgatong tsotlhe bontsha barutwana ditogamano tse di farologaneng tsa go lekola kgotsa go botsa dipotso. Sk go arabiwa jaang dipotso tse di nang le dikarabo tse dintsi/mmalwa, tse di bulegileng, tsa tsibogelo ka bona, tsa dikarabo tse dikhutswane. Fa diteko phekolo tse ditlhomameng di le dikhutswane fa go lebelelwga nomoro ya dipotso tse di akaraditsweng, teko ya kwa bokhutlong e tla akaretsa dipotso tse dintsi go tswa kwa tekong e e tletseng mme go ikaegilwe ka tiro e e setseng e dirilwe ka nako eo. Selo se se botlhokwa ke go netefatsa gore barutwana ba bona katiso e e lekaneng go tsibogela teko e e tletseng ya teko ya ikatiso ya . TEKO YA NGWAGA LE NGWAGA YA BOSETSHABA (ANA)

5. Memorantamo kgotsa kaedi ya go araba dipotso

Sekao tota se se tlhophegileng sa tsibogo e e soloftsweng se neilwe mo potsong nngwe le nngwe ya kaedi mo tekong le ya TLHATLHOBO YA NGWAGA LE NGWAGA YA BOSETSHABA ya sekai. Barutwana ba tshwanetse go itse gore memorantamo ga o kitla o akaretsa dilo tsotlhe. Memorantamo o neela feela motheo ka bophara ba tsibogelo e e soloftsweng mme barutabana ba tshwanetse go lebisia le go neela moputso mo kgethong e e amogelesegang le dipharologanyo tsa tsibogo e e amogelesegang tse di neetsweng ke barutwana.

6. Kakaretso ya Kharikhulamo

Go botlhokwa thatathata gore kharikhulamo e diriwe ka botlalo mo phaposing nngwe le nngwe. Dikaedi tsa kereite nngwe le nngwe ga di a emela kharikhulamo yotlhe. Ke **kemedi** ya kitso e e botlhokwa le bokgoni fela mo tirong e e akaretsang kotara 1,2 le 3 ya ngwaga wa sekolo. Mo tekanyetsong ya tiro e e tshwanetseng go dirwa go ya ka dikotara tsa dikolo e totobaditswe mo tokomaneng ya CAPS.

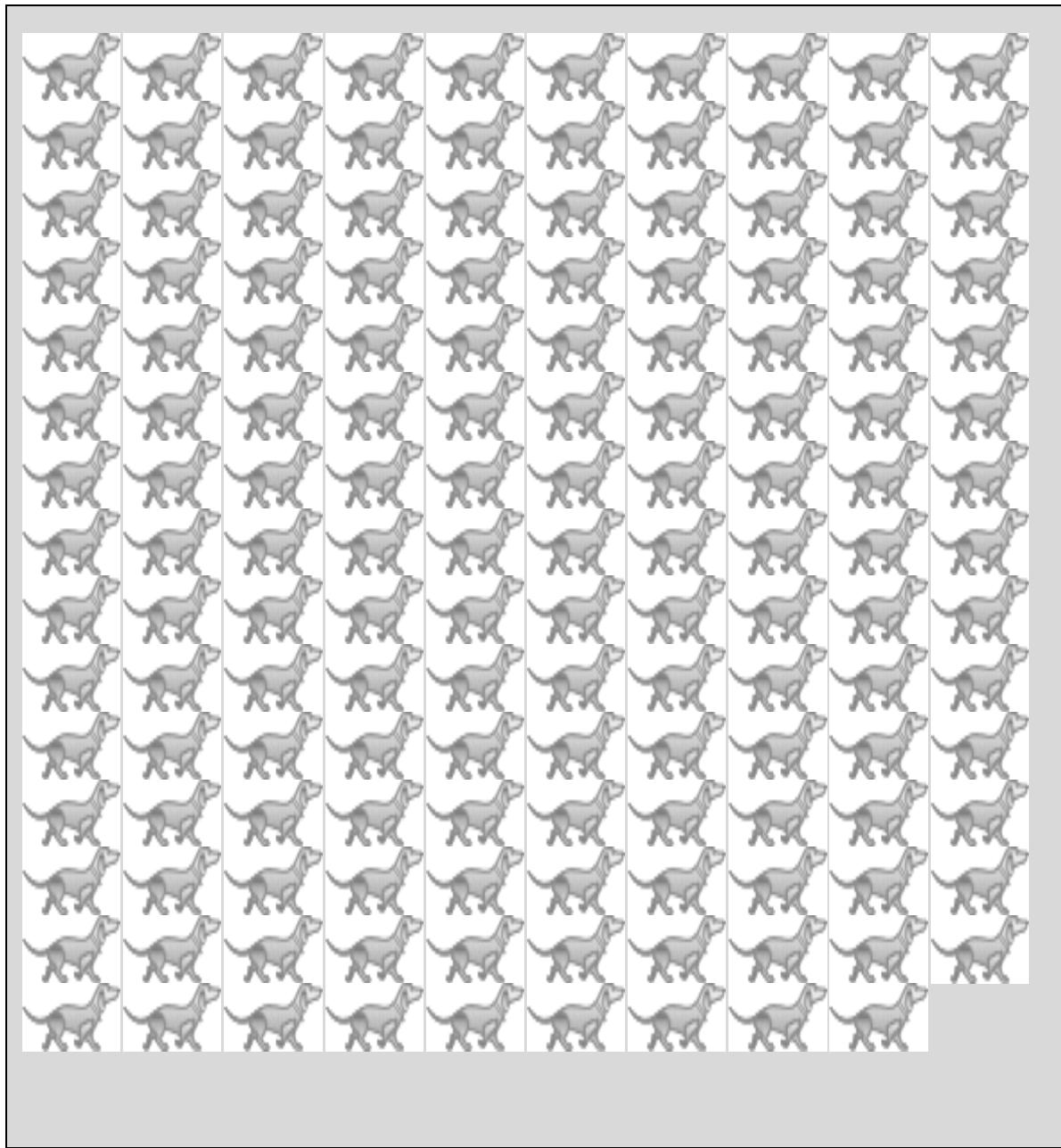
7. Phetso

Maikaelelo a lefapha la thuto ke go tokafatsa maemo le boleng jwa ditiragatso ya barutwana. mo tshimologong ya bokgoni jo botlhobaetsaeng jwa literacy (language) le numeracy (dipalo). TLHATLHOBO YA NGWAGA LE NGWAGA YA BOSETSHABA ke nngwe ya sediriswa se se dirisiwang ke lefapha la thuto go lekola gore tiro ya barutwana e a tokafala ,ga e fetoge kgotsa e ya kwa tlase. Dikgaolo le dikolo di

sololetswe go tshegetsa barutabana le go ba neela dithusathutotse di maleba go tokafatsa go ruta le go ithuta mo dikolong. Ka go dirisa dikaedi ya TLHATLHOBO YA NGWAGA LE NGWAGA YA BOSETSHABA jaaka nngwe ya dithusathuto tsa bona, barutabana bat la thusa barutwana go tlwaela mefuta e e farologaneng le ditogamano tsa go lekolwa. Ka tiriso e esiameng ya dikaedi di tshwanetse go thusa barutwana go bona kitso e e maleba le go godisa bokgoni jo bo maleba go ithuta le go diragatsa ka tshwanelo mo DITLHATLHOBONG TSE DI TLA LATELANG TSA NGWAGA LE NGWAGA TSA BOSETSHABA.

1. **Dipalo, ditiragatso le botsalano.** (0-180)

Lebelela setshantso mme o arabedipotso tse di latelang.



(a) Bala dintšwa mme okwale palo ya tsona tsotlhe.

(b) Go na le ditlhophpha tsa **tlhano** tse kae tsa dintšwa?

(c) Go na le ditlhophpha tsa **lesome** tse kae tsa dintšwa?

(d) Go na le ditlhophpha tsa **pedi** tse kae tsa dintšwa? _____

- (e) Go na le ditlhophpha tsa **tharo** tse kae tsa dintšwa? _____
(f) Gona le ditlhophpha tsa **nne** tse kae tsa dintšwa?

2. Tlatsa dipalo tse di tlhaelang.

- (a) 162; _____; _____; 168; 170; _____
(b) 152; 155; _____; _____; 164; _____

3. Feleletsa thulaganyo e e latelang ya dipalo.

- (a) 170; _____; 150; _____; 130; _____; 110
(b) 105; 110; _____; 120; _____; 130; _____ 140

4. Kwala matshwaopalo mo boemong j wa mainapalo a a latelang.

- (a) Lekgolo le masomerobedi _____
(b) Lekgolo le lesomenngwe _____
(c) Lekgolo le masomethatarothataro _____

5. Kwala mainapalo mo boemong j wa matshwaopalo a a latelang.

- (a) 44 _____
(b) 68 _____
(c) 27 _____
(d) 73 _____
(e) 59 _____

6. Thala mela go nyalanya matshwaopalo le mainapalo.

- (a) 49 lesomerobedi
- (b) 55 masomesupanne
- (c) 33 masomethatarotharo
- (d) 74 masometlhanotlhano
- (e) 18 masomennerobongwe
- (f) 63 masomethatarotharo

7. Dira sediko mo palong e nnye go gaisa mosebeding sengwe le sengwe.

- (a) 21 ; 12
- (b) 55 ; 33
- (c) 46 ; 64
- (d) 32 ; 23
- (e) 73 ; 37

8. Rulaganya dipalo dipalo tse go simolola ka e kgolo go gais go fitlha ka e nnye go gaisa.

- (a) 10 17 25 43 38

- (b) 53 35 75 57 55

- (c) 40 63 25 73 68

9. Rulaganya dipalo tse go simolola ka e nnye go gaisa go fitlha ka e kgolo go gaisa.

- (a) 11 33 66 55

- (b) 53 35 47 74

- (c) 24 61 42 16

10. Mo palong **73**

- (a) boleng j wa palo **7** ke _____

- (b) boleng j wa palo **3** ke _____

11. Balela ka go dirisa sebedi se se gaufi.

$$\text{Sekao: } 24 + 25 = 25 + 25 - 1 \text{ kgotsa } 24 + 25 = 24 + 24 + 1$$

$$= 50 - 1 = 48 + 1$$

$$= 49 = 49$$

(a) $28 + 29 =$

(b) $36 + 37 =$

12. Balela ka go kgaoganya dipalo.

$$\text{Sekao: } 29 + 34 = 20 + 9 + 30 + 4$$

$$= 20 + 30 + 9 + 4$$

$$= 50 + 13$$

$$= 63$$

(a) $41 + 33 =$

(b) $52 + 19 =$

(c) $86 - 42 =$

13. Menaganya palo e e neetsweng.

	Palo	Palo e e menagantsweng
(a)	124	
(b)	116	
(c)	162	

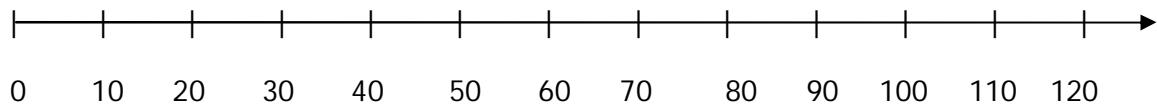
14.

Oketsa palo e e neetsweng gabedi.

	Palo	Palo e e okeditsweng gabedi
(a)	19	
(b)	26	
(c)	37	

15. Dirisa molapalo go

- (a) tlhakanya 40 le 30.
- (b) ntsha 30 mo go 110.



16. **Tharabololo (dipalofoko)**

Araba dipotso tse di latelang.

- (a) Tumi o ne a na le dimabole tse 94. O timeletswe ke dimabole tse 30. O saletswe ke dimabole tse kae?

Palo ya dimabole tse di setseng = _____

- (b) Thoko o ne a na le dimonamone tse 52. O rekile tse dingwe tse 20. Thoko o na le dimonamone tse kae jaanong?

Palo ya dimonamone = _____

- (c) Tumelo o kgile dinamune tse 74 mme Ben o kgile halofo ya tse Tumelo a di kgileng. Ben o kgile dinamune tse kae?

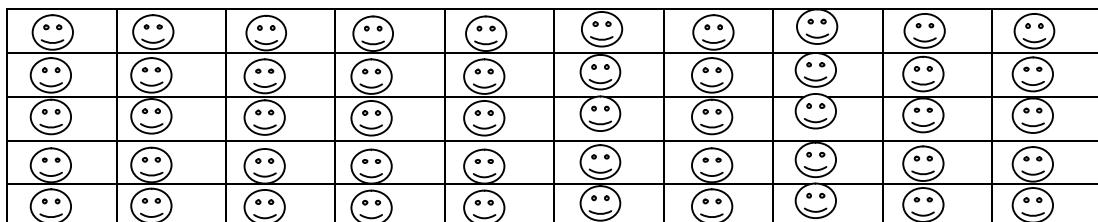
Ben o kgile dinamune tse _____ .

- (d) Thembu, Lorraine, Mandla le Palesa ba na le dimonamone tse 18 mongwe le mongwe. Ba na le dimonamone tse kae gotlhelile?

Palogotlhе ya dimonamone = _____

Go rulaganya ka ditlhophha le go aba/arola

17.



Lelelela tatelano e e fa godimo ya difatlhego mme o feleletse polelo nngwe le nngwe.

- (a) Go na le mela e le 5 le difatlhego tse _____ mo moleng mongwele mongwe.
- (b) Go na le difatlhego tse _____ gotlhelile.
- (c) Bongani o tshwanetse go tsenya dibisikiti tse 54 mo dipaketeng tsa 9 nngwe le nngwe. A ka dira dipakete tse kae?

-
- (d) Fa R96 e abelwa batho ba le 8ka go lekana, mongwe le mongwe wa bona o tla bona bokae?
-

- (e) Mo phaposing ya kereiti 2 go na le basimane ba le 34. Palo ya basetsana e feta ya basimane gabedi. Go na le basetsana ba ba kae mo phaposing e?
-

18. Araba dipotso tse di latelang.

- (a) Kgaoganya popego e e fa godimo go dira dikarolo tse 2 tse di lekanang.
- (b) Ntshofatsa kwatara ya khutlonnetsepa.

Madi

19. Feleletsa lenane.

	Tlhwatlhwa	Duetse ka	Madipotlana
(a)	R71,00		R4
(b)		R20	R6
(c)	R43,00	R50	

20. Betty o reka buka ya tlhwatlhwa ya R6.50. O duela ka R20 ya pampiri. Dira sediko mo madipotlaneng e a tla e bonang?

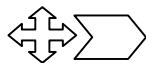
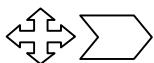
A R14.00 B R12.00 C R13.50 D R13.00

21. Pina o na le R21.00 mme Jack o na le R14.00. Ba tshwanetse go tlhakanya madi a bona go reka bolo ya tlhwatlhwa ya R32.00. Ba tshwanetse go boelwa ke bokae?

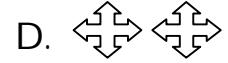
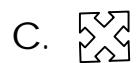
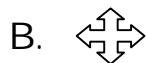
R _____

Dit hulaganyo.

22. Dira sediko mo dipopegong tse di latelang mo thulaganyong.



— —



23. Kwala dipalo tse 3 tse di latelang mo tatelanong nngwe le nngwe.

(a) 132; 122; _____; _____; 92; _____

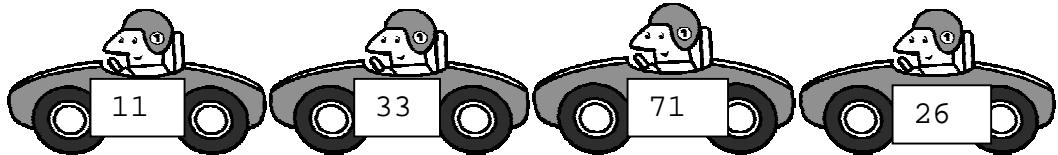
(b) 180; 175; _____; _____; 160; _____

(c) 96; 98; _____; _____; 104; _____

(d) 80; 84; 88; _____; _____; _____

(e) 96; 99; _____; 105; _____; 111; _____

Maemo.

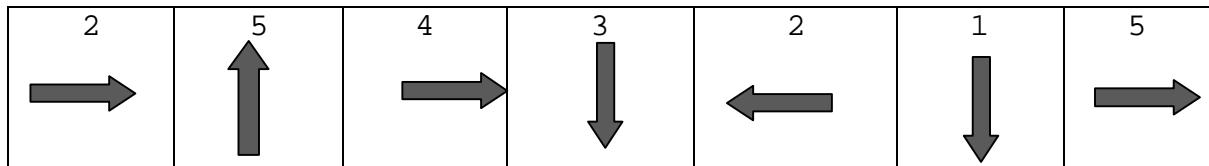


24. Go na le dikoloi tse 4 di phakilwe ka tatelano.

Feleletsa

(a) Koloi ya palo ya _____ e kwa pele.

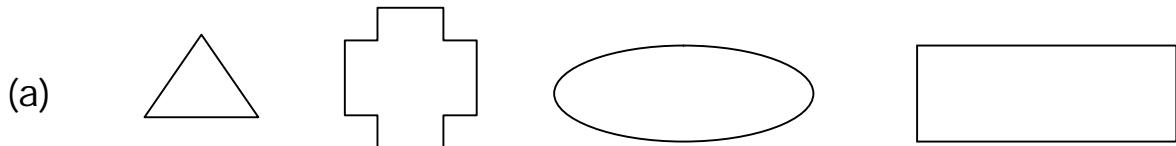
- (b) Koloi ya palo ya _____ le_____ di kwa morago ga koloi ya palo ya 33.
- (c) Koloi ya palo ya _____ e fela fa morago ga koloi ya palo ya 71.
- (d) Koloi ya palo ya _____ e fela fa pele ga koloi ya palo ya 33.
25. Katlego o ya sekolong ka bese. Lenane le le fa tlase le bontsha dintlha le sekgala tse Katlego a di tsamayang .



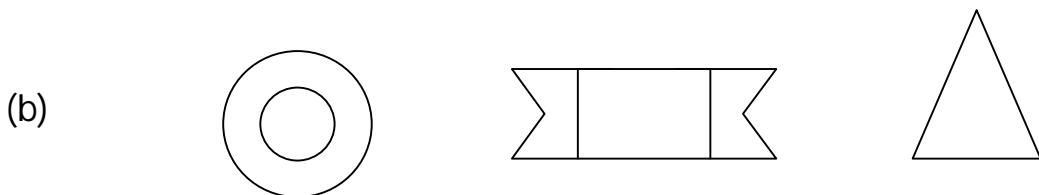
Dirisa tshedimosetso e e fa lenaneng le le fa godimo go feleletsa keriti e e bontshang gore o tsamaya jaang. O filwe sekao sa ntliha.

Dipopego

26. Tshwaya popego e e nang le dintlha tse di tlhamaletseng fela.

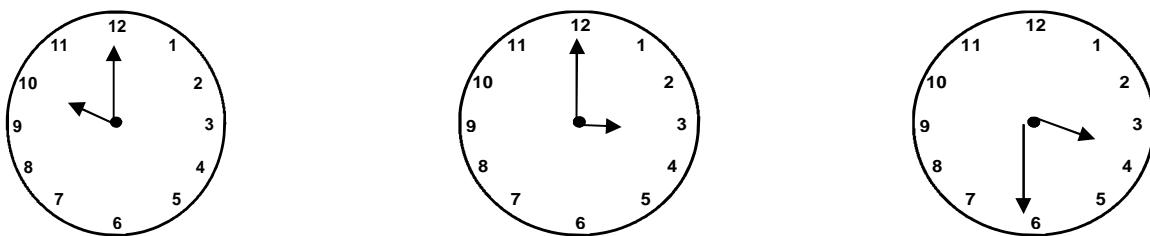


Thala mola wa tekatekanyo/simetheri mo go nngwe le nngwe ya dipopego tse di latelang.



Nako

27. Kwala nako e e bontshitsweng mo go nngwe le nngwe ya ditshupanako tse di latelang.



28. Thala lenakana la metsotsa le lenakana la diura mo go nngwe le nngwe ya ditshupanako tse di latelang go bontsha nako e e kailweng.



ura ya 6 mo godimo ga tlhogo Halofo go tswa go ura ya 4

29. Sindi o tlogile kwa gae ka ura ya 6 mo mosong. O fitlhile kwa gae ka halofo go tswa goura ya 8. O tsere diura tse kae mo tseleng?
-

30. Bala diura go simolola ka
- (a) ura ya 7 mo godimo ga tlhogo go fitlha ka ura ya 12
mo godimo ga tlhogo. _____.
- (b) ura ya 12 mo godimo ga tlhogo go fitlha ka ura ya 7 mo
godimo ga tlhogo. _____.
- (c) Halofo go tswa go ura ya 4 go fitlha ka halofo go tswa
go ura ya 9. _____.
- (d) ura ya 6 mo godimo ga tlhogo go fitlha ka halofo go tswa
go ura ya 12. _____.
31. (a) Ke letsatsi lefe le le tlang matsatsi a le 4 morago ga
Latshipi? _____
- (b) Letsatsi la ga Ken la botsalo e ne e le matsatsi a le 7
morago fa di 14 tsa Seetebosigo. Letsatsi la gagwe
labotsalo e ne e le neng? _____.
- (c) Ke kgwedi efe e e tlang dikgwedi tse 5 morago ga Phatwe?

- (d) Ke kgwedi efe e e tlang dikgwedi tse 6 pele ga

Ngwanatseele? _____

(e) Naya leina la kgwedi e khutshwane go gaisa tsotlhe mo ngwageng. _____

Tekanyo

32. Sekaseka bolele j wa mela e le 4 e e ka fa tlase go bona gore mola mongwe le mongwe o moleele j ang.

Mola A _____

Mola B _____

Mola C _____

Mola D _____

33. Araba dipotso kwa ntle ga go lekanya mela.

(a) Mola _____ o moleele go gaisa yotlhe.

(b) Mola _____ o mokhutshwane go gaisa yotlhe.

(c) Mola _____ le mola _____ e a lekana.

Mothamo

34. Dira sediko mo karabong e e nepagetseng.
Mašwi a lekanngwa ka:

- A diletara
- B dikilogeramo
- C dikilometara

Dira sediko mo karabong e e nepagetseng. Senotsididi se ka lekanngwa ka:

- A digeramo
- B dimileletara
- C dikilogeramo

35. Go dira ka tshedimosetso ya dipalo

Setshwantsokao se bontsha palo ya merogo e e rekitsweng kwa lebentleleng ka letsatsi le le lengwe.

Merogo e e rekitsweng ka letsatsi le le lengwe

Palo ya merogo	7			
	6			
	5			
	4			
	3			
	2			
	1			
		Digwete	Ditapole	Khabetšhe
				Konofole

Lebelela setshwantsokao se se latelang mme o arabe dipotso.

(a) Ke morogo ofe oo rekisitsweng ka bontsi go gaisa?

_____.

(b) Ke morogo ofe o o sa rekisiwang? _____.

(c) Go rekisitswe dikonofole tse kae? _____.

(d) Go rekisitswe merogo e mekae gotlhelele?

_____.