



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

DITEKO TSA NGWAGA LE NGWAGA TSA

BOSETŠHABA

KEREITI 3

DIPALO-SETSWANA

SETE 3: PAMPIRI YA GO KAELA 2012

Dikaelo tsa go dirisa dikao tsa makwalopotso 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 solofelwang 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 tihamile dikao tsa makwalopotso a teko a barutabana ba ka a dirisang mo thutong ya Puo le ya Dipalo ka maikaelelo a go tshegetsatshegetsa 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 makwalopotso a diteko a tihamilwe 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 makwalopotso a a akaretsang sekao sa lekwalopotso 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

Ditlangwa dingwe tsa dikao tsa makwalopotso 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 makwalopotso 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 tsoitlhe 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 lomagana le metswedi e mengwe ya go ithuta le ya go ruta.

Gore gonne le bothokwa jwa tomagano tse dingwe tsa dikao tsa ditlangwa le dipotso di lomagantswe ka maitlthomo a gore e tsamaelane 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 Bosetšhaba ya Porotokolo. 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 makwalopotso

Le fa dikao tsa makwalopotso a mophato le serutwa a rulagantswe go nna kompa e le nngwe, barutabana ga ba a tshwanela go neela barutwana kompa yotlhe go e araba ka gangwe. Barutabana ba tshwanetse go tlhophisa dipotso go tswa mo dikaong tsa makwalopotso a a maleba le thuto e e rulaganyeditsweng nako nngwe le nngwe e e neilweng. Dipotso tsa dikao tsa makwalopotso a teko kgotsa setlhophisa 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 solofetsweng le bokgoni fa serutwa se tsweliswa 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 pelo ya go tlhaloganya e e lekaneng 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 lebelelwa 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 boena, tsa dikarabo tse dikhutswane.

Fa diteko phekolo tse ditlhomameng di le dikhutswane fa go lebelelwa 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 bosetšhaba (ANA).

5. Memorantamo kgotsa kaedi ya go araba dipotso

Sekao tota se se tlhophegileng sa tsibogo e e solofetsweng se neilwe mo potsong nngwe le nngwe ya kaedi mo tekong le ya Tlathlho ya ngwaga le ngwaga ya bosetšhaba 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 solofetsweng mme barutabana ba tshwanetse go lebisisa 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 dirilwe 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

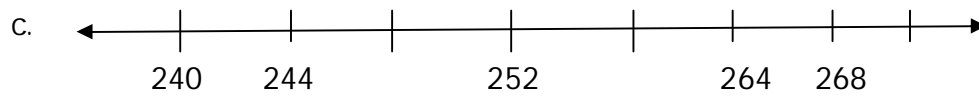
Maikaelelo a lefapha la thuto ke go tokafatsa maemo le boleng jwa ditiragatso ya barutwana.mo tshimologong ya bokgoni jo botlhobaetsaeng jwa literacy (language) le numeracy (dipalo). Tlhatlhobo ya ngwaga le ngwaga ya bosetšhaba ke nngwe ya sediriswa se se dirisiwang ke lefapha la thuto go lekola gore tiro ya barutwana e a tokafala ,ga e fetoge kgotsa e ya kwa tlase. Dikgaolo le dikolo di solofetswe go tshegetsatsa barutabana le go ba neela diithusathutotse di maleba go tokafatsa go ruta le go ithuta mo dikolong. Ka go dirisa dikaedi ya tlhatlhobo ya ngwaga le ngwaga ya bosetšhaba jaaka nngwe ya diithusathuto 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 bosetšhaba.

Dipalo, Ditiragatso le botsalano

1. Kwala dipalo tse di tlhangelang mo diphatleng tse di neetsweng.

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

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

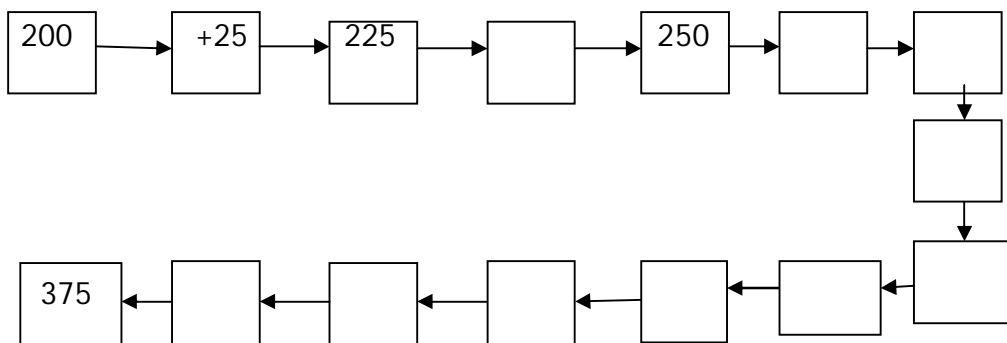


2. Feleletsa lenaane.

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. Latelela metsu mme o kwale dipalo tse di tlhangelang mo mabokosong.

Simolola



Fetsa

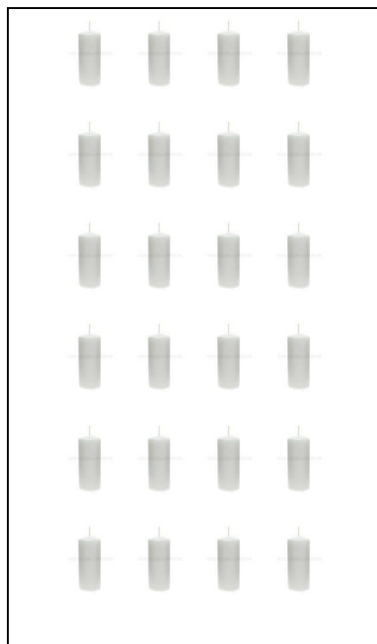
4.



Suzan o dira mo bodirelong j wa dikerese. O paka dikerese tse 10 mo lebokosong.

Palo ya dikerese tse di pakilweng mo mabokosong a le 15 = _____.

5. Lebelela ditlhopha tsa dikerese mo setshwantsong se se latelang mme o arabe dipotso.



a. Go na le dikerese tse kae mo moleng o le mongwe o o yang kwa tlase? ___

b. Palogotlhe ya dikerese mo setshwantsong ke = _____

6. Kwala mainapalo mo boemong j wa dipalo tse di latelang.

a. 473 _____

b. 204 _____

7. Kwala leinapalo le letshwaopalo mo boemong j wa palo e e fa gare ga 268 le 270.

a. Letshwaopalo ke _____.

b. Leinapalo ke _____.

8. Kwala leinapalo la 780 _____.

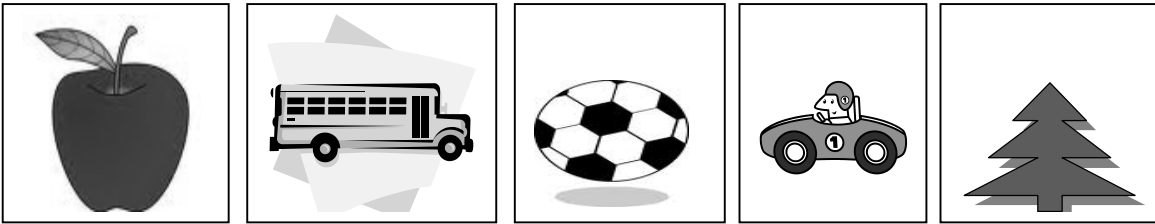
9. Nyalanya palo nngwe le nngwe le letshwaopalo le le nepagetseng ka go thala mola magareng ga tsona.

Makgolotharo le masomethataronngwe	160
Makgolopedi le lesome	483
Makgolotharo le lesomethataro	361
Lekgolo le masomethataro	316
Makgoloamane le masomearobeditharo	210

10. Kwala dipalokemotatelano tse di latelang ka thulaganyo go simolola ka e nnye go gaisa.

bo 13 · bo 31 · bo 28 · bo 6 · bo 2

11.



Lebelela ditshwantso tse di fa godimo. Koi e mo lebokosong la bokae go tswa mo letsogong la molema?

Koi e mo lebokosong la _____ go tswa kwa molemeng.

12. Tlatsa > kgotsa < go dira gore mola mongwe le mongwe o nepagale.

a. $613 \underline{\hspace{1cm}}$ 731

b. $490 \underline{\hspace{1cm}}$ 290

c. $327 \underline{\hspace{1cm}}$ 732

13. Dira sediko mo tlhakeng ya karabo e e nepagetseng.

A $472 > 742$

B $399 < 500 + 99$

C $221 = 122$

D $749 > 750 - 1$

14. Kwala dipalo tse di neetsweng go simolola ka e nnye go gaisa go fitlha ka e kgolo go gaisa.

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

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

15. Tlatsa dipalo tse di tlhaelang.

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

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

16. Kwala boleng j wa palo e e thaletsweng mo palong nngwe le nngwe.

a. $4\underline{7}2$

b. $2\underline{7}$

17. Mo go 694 go na le masome a le 69. A se se nepagetse kgotsa se fosagetse? _____

18. Thalela karabo e e nepagetseng.

Mo palong 374, 3 ke bolengkemedi j wa.

- a. masome
- b. makgolo
- c. metso

19. Kgaoganya 573 ka ditsela tse 2 tse di farologaneng.

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

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

20. Kwala dipalo tse di tlhaelang kgotsa mafoko mo mabokosong.

a. $298 = \hspace{1cm} \text{makgolo} \quad + \quad \hspace{1cm} \text{masome} \quad + \quad \hspace{1cm} \text{metso}$

b. $310 = 3 \left[\boxed{\hspace{1.5cm}} \right] + 1 \left[\boxed{\hspace{1.5cm}} \right] 0 \left[\boxed{\hspace{1.5cm}} \right]$

21. Nyalanya dipalo le dipalo tse di nepagetseng tsa dikararata.

316
128
411
269

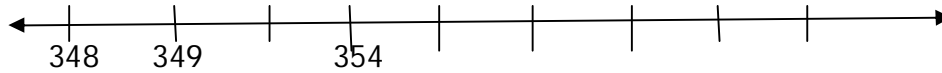
400	1	10
200	60	9
10	300	6
8	20	100

22. Kwala $10 + 7 + 300$ ka mokgwa wa nolofatso.

23. Tlatsa dipalo tse di tlhaelang.

	Palo e okeditswe gabedi	Palo	Palo e menagane
a.		150	
b.		84	
c.		21	

24. Kwala 352 mo maemong a a nepagetseng mo molapalong.



25. Atametsa palo nngwe le nngwe kwa lesomeng le le gaufi.

a. $62 =$ _____ kwa lesomeng le le gaufi.

b. $127 =$ _____ kwa lesomeng le le gaufi.

26. Morutabana o laetse barutwana go kgobokanya dikhurumelo tsa mabotlolo mo mafelong a beke. Sassy o kgobokantse dikhurumelo tse 619 mme Lebo o kgobokantse 125. Sassy le Lebo ba kokoant dikhurumelo tse kae gotlhelele?

27. Anna le ditsala tsa gagwe tse 3 ba kokoanyetsa motshameko o ba batlang go o tshameka ditempe. Mongwe le mongwe wa bona o kokoantse ditempe tse 23. Boobedi ba kokoantse ditempe tse kae?

28. Moruabana o tlile sekolong le dibisikiti tse 45. O batla go fa barutwana ba le 4 ba ba phaketseng dibisekiti tsa go lekana. Mongwe le mongwe wa bona o tla bona dibisekiti tse kae?

29. Abela Themba le tsala ya gagwe mabole tse 68 ka go lekana. Mongwe le nongwe wa bona o tla bona dimabole tse kae?

30. Ditsala tse tharo di reka dimonamone tse 35 mme ba di aba ka go lekana magareng ga bona. Mongwe le mongwe wa bona o tla bona dimonmone tse kae?

31. Busi o na le dimabole tse 125. Di kwa tlase ga tsa ga Vera ka 82.

Vera o na le dimabole tse kae?

32. Kwa phaking ya Shoprite go na le dikoloi tse 21. Go na le maotwana a makae gotlhelele, fa go akarediwa le maotwana a go kganna?

33. Dirisa ditlhwathwa tse di latelang go araba dipotso.



a. Pharologanyo ke eng magareng a tlhwathwa ya pene le tlhwathwa ya pensele?

- a. Sanie o rekile dipene tse 2, pensele, sephimodi le kgetsana ya go tshwara dipensele. O dirsitse bokae gotlhelele?
- b. Morutabana o batla go reka mabokoso a le 2 a dipensele tsa mebalabala, dipene tse 2 le dipensele tse 2. Balela madi[otlana ya gagwe fa a duela ka R50 ya pampiri.
- c. Go na le mabokoso a makae a dipensele tsa mebalabala fa e le gore Masa o di dueletse R60?

34. Feleletsa dipalo tse di latelang:

a. $763c = R$ _____

b. $207c = R$ _____

b. $579c = R$ _____



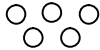
d. $R2,63 =$ _____ c




e. $R6,15 =$ _____ c

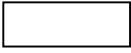
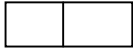
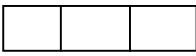
f. $R4,25 =$ _____ c

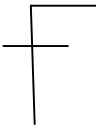
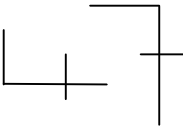
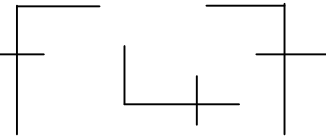
Dithulaganyo, Ditiro le Mokgwa wa go balela ka ditlhaka le matshwao boemong j wa dipalo

1. Thala setshwantso se se latelang mo thulaganyong nngwe le nngwe.

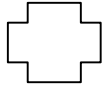
a.    _____

b.    _____

c.    _____

d.    _____

2.



Dirisa dipopego tse di fa godimo go itirela thulaganyo.
Boeletsa thulaganyo ya gago ga3

3. a. Kwala dipalo tse 3 tharo tse di latelanang.

526, 527, 528, _____ , _____ , _____

Tlhalosa thulaganyo ka mafoko a gago.

b. Tlatsa dipalo tse di tshelang mo tatelanong.

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

Tlhalosa thulaganyo ka mafoko a gago.

4. Mopaki o batla go paka dinotsididi mo mabokosong.

Lebokoso le le lengwe le tshwara dinotsididi di le 25.

Feleletsa lenaane.

Palo ya mabokoso	1	2	3	4		6
Palo ya dinotsididi	25	50		100	125	

5. Simolola ka palo e e neetsweng , itirele thulaganyo ya gago mme o tihalos molao o o o dirisitseng.

a. 330, _____ , _____ , _____ .

Molao o o dirisitsweng ke: _____

b. 504, _____ , _____ , _____ .

Molao o o dirisitsweng ke _____

Phatla le Popego

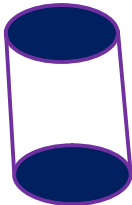
1. Sekeletsa tlhaka ya karabo e e nepagetseng.

Ke efe ya dipopego tse di latelang e e leng topo?

A.



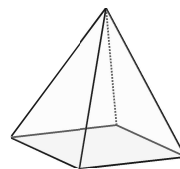
B.



C.

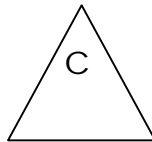
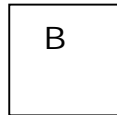
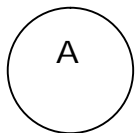


D.

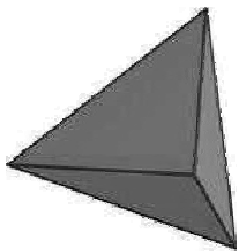


2. Sekeletsa tlhaka ya karabo e e nepagetseng.

Ke efe ya ditlhakoretekanipedi(2-D) tse di dirisitsweng go dira phiramiti ya boalo j wa sekwere?

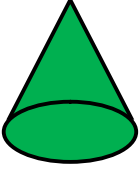


3. Sekaseka popego mme o arabe dipotso tse di latelang.



- Leina la tlhakoretekanitharo(3-D) e e fa godimo ke eng? _____
- 3-D e e fa godimo e na le matlhakore a makae? _____

4. Thala mola go nyalanya popego nngwe le nngwe le leina la yona .

	<p>phiramiti ya boalo j wa sekwere</p>
	<p>Topo</p>
	<p>Porisime ya khutlonnetsepa</p>
	<p>Sellenere</p>

Tekanyo

1. O tla dirisa keleselekanyo efe go lekanya
 - a. boleele j wa buka? _____
 - b. bophara j wa phaposiborutelo? _____
2. Sekaseka khalentara e e ka fa tlase mme o arabe dipotso.



- a. Palogotlhe ya dikgwedi tse di nang le matsatsi a le 30 ke _____
- b. Palogotlhe ya matsatsi mo ngwageng o o tlwaelegileng ke = _____
- c. Palo ya boLamatlhatso mo kgweding ya Phukwi ke = _____
- d. Palo ya dibeke mo ngwageng ke = _____
- e. Palo ya dikgwedi mo ngwageng ke = _____
- f. Palo ya matasatsi magareng a Letsatsi la badiri le Letsatsi la bašwa ke =

1. Lebelela khalentara mo potsong ya bo 2 mme o feleetse lenaane.

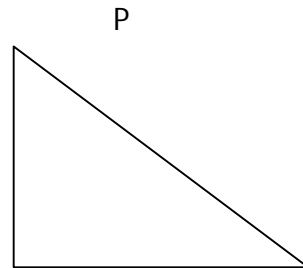
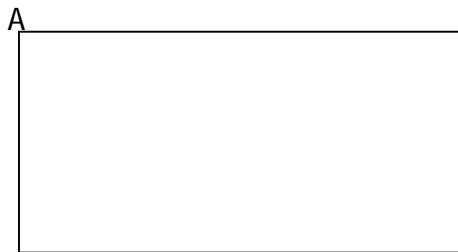
Letsatsi		Letsatsi la boikhutso la Aferika Borwa	Letsatsi mo khalentareng
a	01 Ferikgong 2012	Ngwaga o mošwa	
b	21 March 2012	Letsatsi la ditshwanelo tsa botho	
c	01 May 2012	Letsatsi la badiri	
d	16 June 2012	Letsatsi la bašwa	

2. Malatsi a le 42 a lekana le dibeke tse _____.

3. Dikgwedi tse 4 di lekana le _____ ngwaga.

4. Feleletsa : Fa lenakana la metsotso le supile 10,
le bontsha _____ kgotsa _____

5. Lekanyetsa ka tlhogo, mme kwa morago o dirise rula go lekanyetsa boleele j wa letlhakore lengwe le lengwe la ditshwantso tse di latelang ka disentimetara. Kwala karabo mo thulaganyong.



	Matlhakore	Tekanyetso ya phopoletso	Tekanyetsotota
a	AB		
b	BC		
c	DC		
d	AD		
e	PQ		
f	PR		
g	QR		

6. Balela sekgala sotlhe go dikologa setshwantso sengwe le sengwe mo potsong ya bo 6.

a. Mo go khutlonnetsepa ABCD, sekgala sotlhe = _____

b. Mo go khutlotharo PQR, sekgala sotlhe = _____

Go dira ka tshedimose tso ya dipalo

1. Sammy o kwadile bogolo j wa ditlhako tsa barutwanammogo le ena ba kereiti 3 j aana:

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

Palo ya barutwana ba ba rwalang ditlhako tsa bogolo j wa palo 3 = _____

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

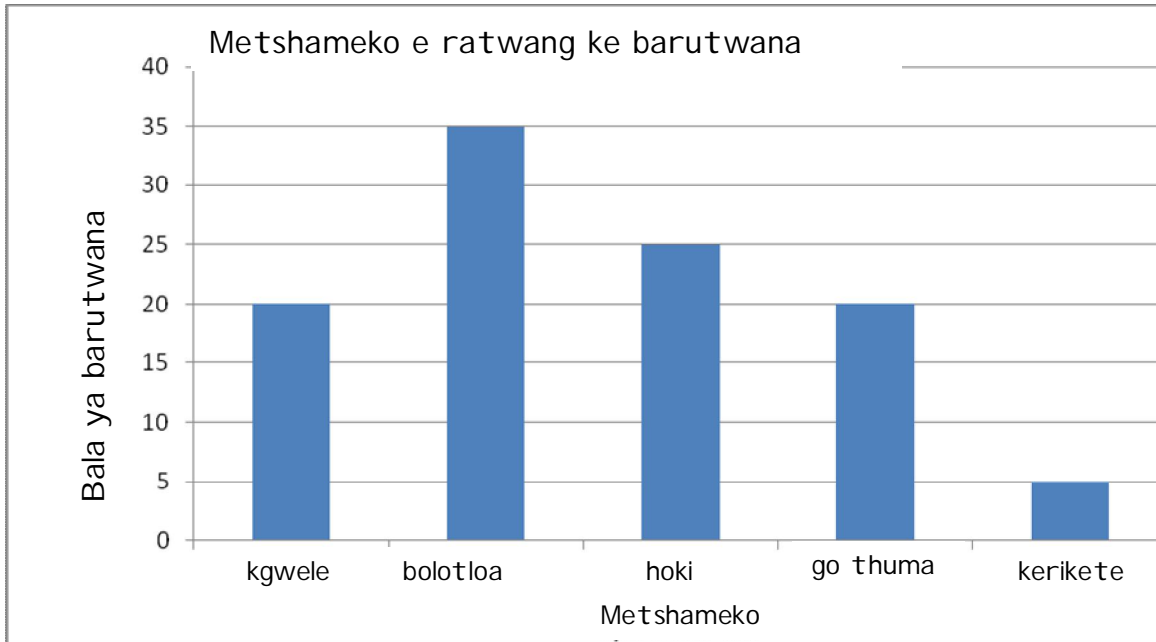
$$5 = \underline{\hspace{2cm}}$$

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

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

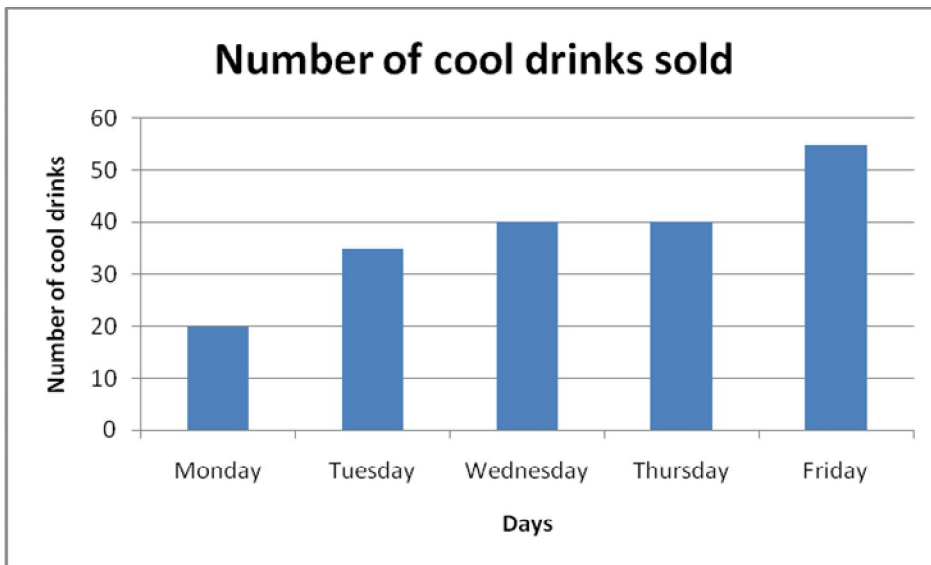
Thala kerafo ya setshwantsokao go bontsha tshedimose tso e.

2. Lebelela kerafo e e ka fa tlase mme o arabe dipotso.



- a. Ke barutwana ba ba kae ba ba ratang hoki? _____ .
- b. Palo ya barutwana ba ba ratang kerikete ke _____ .
- c. Motshameko o o ratwang ke barutwana ba ba ntsi go gaisa ke ____
- d. Motshameko o o ratwang ke palo e nnye go gaisa ya barutwana ke _____ .
- e. Ke metshameko efe e le 2 e e ratwang ke palo e e tshwanang ya barutwana? _____ .

3. Kerafo e e latelang e bontsha palo ya dinotsididi tse di rekisiwang mo lebentleleng la ga Siphon mo bekeng ya sekolo.



- Palo ya dinotsididi tse di rekisiwang ka Mosupologo ke = _____
- Letsatsi le go rekisiwang dinotsididi tse ntsi go gaisa ke = _____
- Palo ya dinotsididi tse di rekisiwang ka Labotlhano ke = _____
- Dinotsididi tse di rekisiwang ka Labotlhano di feta tse di rekisiwang ka Labone ka bokae? _____ .