



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

TLHAHLOBO TSA SELEMO LE SELEMO TSA NAHA

KEREITI YA 2

MMETSE SESOTHO

SETE YA 3: 2012 MOHLALA

MASUPATSELA A TSHEBEDISO YA MEHLALA YA TEKOLO YA SELEMO YA NAHA (ANA)

1. Tjhebokakaretso

Tekolo ya selemo ya Naha (ANA) ke tekolo e akaretsang ya tsebo le bokgoni tseo baithuti ba lebelletsweng hore ebe ba di fihletse sehlopheng ka seng ho tloha ho sehlopheng sa 1 ho isa ho sa 6 le 9. Ho tshehetsa tekolo ya bona ya sekolong le ho netefatsa hore baithuti ba ba le boitshepo bo hlokehang hore ba be le seabo se atlehileng ditekolong tsa mapomelo, dihlopha tsa ba sebetsanang le thuto mmoho le ditsebi tsa thuto di ile tsa rala mehlala ya dipotso tsa ditlahlobo tseo matijhere a ka di sebedisang dithutong tsa bona tsa Dipuo le Dipalo. Mehlala ena ya dipotso tsa ditlahlobo e ile ya ralwa hodima mosebetsi wa kharikhulamo o akaretsang dikotara tsa 1, 2 le 3 tsa selemo sa sekolo mme paterone ya ANA ya tlhahlobo, ke keketso ya tekolo ya ka sekolong eo baithuti ba tshwanetseng ho e etsa ba sa kgaotse, empa mehlala ena ha e nke sebaka sa ditekolo tsa ka sekolong.

2. Moralo wa mehlala ya dipotso

Mehlala ena e reretswe ho bontsha mekgwa kapa ditsela tse fapaneng tsa ho lekola bokgoni kapa tsebo. Mohlala, semelo sa tsebo kapa bokgoni bo ka hlahlojwa ka dipotso tseo moithuti a kgethang karabo ho tse ngata tseo a di filweng, kapa ho araba ka polelo e batlang hore baithuti ba ngole karabo e kgutshwane kapa seratswana. Mefuteng e meng ya dipotso e ka ba moo baithuti ba tshwanetseng ho kopanya ka mela mantswe kapa dipolelo tseo ho fanweng ka tsona, ho qetella dipolelo kapa dipaterone, ho bontsha dikarabo tsa bona ka ditshwantsho, jj. Ka hoo, haeba matijhere le baithuti ba fumana mehlala e mmalwa ya dipotso tse radilweng ka mekgwa e fapaneng empa di batla ntho e tshwanang, ba utlwisise hore sena se entswe ka boomo mme baithuti ba tshwanetse ho araba dipotso tsohle tsa mehlala. Ho hlahisa baithuti mefuteng kapa mekgweng e fapaneng ya ho botsa dipotso ho ba neha boitshepo bo hlokaahalang hore ba tobane le ditlahlobo.

3. Dikamano le dithusathuto tse ding tsa ho ithuta le ho ruta

Bakeng sa kgokahanyo ya ditema le dipotso e hlokehang, mehlala e meng ya ditema le dipotso e hokahantswe ka boomo le dibuka tsa tshebetso tse dumellanang le sehlopha ka seng. Hape e tsamaelana le ditlhoko tsa Setatemente sa Kharikhulamo ya Naha Dihlopha tsa R ho isa ho 12 (NCS), dipehelo tsa Kharikhulamo le Setatemente sa Tsamaiso ya Tekolo (CAPS) bakeng sa dihlopha tse amehang, le Prothokholo ya Naha ya Tekolo. Mmoho ditokomane tsena le tse ding tseo sekolo se ka di hlahisang, di aha motheo wa bohlokwa wa disebediswa ho thusa matijhere ho rala dithuto le ho tsamaisa tekolo ya molao (tekolo ya ho ithuta).

4. Kamoo mehlala e ka sebediswang kateng

Le ha mehlala ya sehlopha le thuto di bokelletswa e le sehlopha se phethahetseng tijhere ha e a tlameha ho neha barutwana pokello ena yohle ho araba dipotso kaofela ka nako e le nngwe. Tijhere e tshwanetse ho hlwaya mehlala ya dipotso tse amanang le thuto e reretsweng nako e beilweng. Mehlala ya dipotso ya tlhahlobo e kgethilweng ka hloko, kapa sehlopha sa dipotso se kgonehang, se ka sebediswa mekgahlelong e fapaneng ya ho ruta le ho ithuta ka mekgwa e latelang.

4.1 Mathomong a thuto e ba tlhahlobo ya sesosa ho lekola matla le bofokodi ba baithuti. **Patlisiso** e tshwanetse ho latelwa kapele ke **tlaleho ya hore baithuti ba sebeditse jwang** le ho rala **dithuto tse nepahetseng** ho hlaola bofokodi bo hlahetseng le ho matlafatsa seo baithuti ba se kgonang. Tlhahlobo ya patlisiso e ka fanwa e le mosebetsi wa hae e le ho boloka nako ya ho ithuta ka sehlopheng.

4.2 Nakong ya ho ithuta ka ho fanwa ka ditlhalobo tse kgutshwane tsa tsebiso ho bona hore na baithuti ba utlwisisa tsebo le bokgoni boo ba bo rutwang le ho etsa bonnete ba hore ha ho moithuti ya sallang morao.

4.3 Qetellong ya thuto kapa thuto tse mmalwa, ho ka ba le tlhahlobo e akaretsang ho bona hore na baithuti ba utlwisitse seo ba se rutilweng le hore na ba ka feela ba sebedisa tsebo le bokgoni boo ba ithutileng bona. Baithuti ba tshwanetse ho fumana tlaleho kapele ha titjhere a ntse a nahana hore na ho na le dikarolo tsa thuto tse tshwanetseng ho phetwa ho matlafatsa tsebo le bokgoni bo itseng.

4.4 Mekgahlelong yohle baithuti ba tshwanetse ho rutwa mekgwa e fapaneng ya tekolo kapa ya ho botsa dipotso, mohl., ho araba dipotso moo moithuti a kgethang dikarabo tse nepahetseng ho tseo a di filweng (MC), ho araba dipotso tse se nang karabo e le nngwe (OE) kapa ho araba dipotso tsa boikgethelo (FR) le ho araba dipotso tse batlang karabo tse kgutshwane, jj.

Le ha tlhahlobo tsa patlisiso le tsa tsebiso di ka ba kgutshwane ho ya ka lenane la dipotso, tlhahlobo e akaretsang e kenyeletsa dipotso tse ngatanyana, le ho botsa dipotso tse etsang tlhahlobo e phethahetseng ho ya ka mosebetsi o seng o phethilwe nakong eo ho fanwang ka tlhahlobo. Ntho ya bohlokwa ke ho etsa bonnete ba hore baithuti ba fumana boikwetliso bo lekaneng ba ho araba dipotso tsa tlhahlobo tse felletseng tsa mofuta wa paterone ya ANA.

5. Memorandamo kapa lesupatsela la ho araba dipotso

Ho fanwe ka mohlala o totobetseng wa karabo tse lebelletsweng (memorandamo) bakeng sa mohlala ka mong wa dipotso tsa tlhahlobo mmoho le bakeng sa paterone ya dipotso tsa ANA. Matitjhere a hlokomele hore memorandamo o keke wa phethehala ka hohlehohle. O ka fana feela ka tsela e phatlalatseng ya dikarabo tse lebeletsweng, mme matitjhere a tshwanetse ho fatisisa le ho putsa dikarabo tse amohelehang le mofuta e meng ya dikarabo tsena tseo baithuti ba faneng ka tsona.

6. Phethahatso ya kharikhulamo

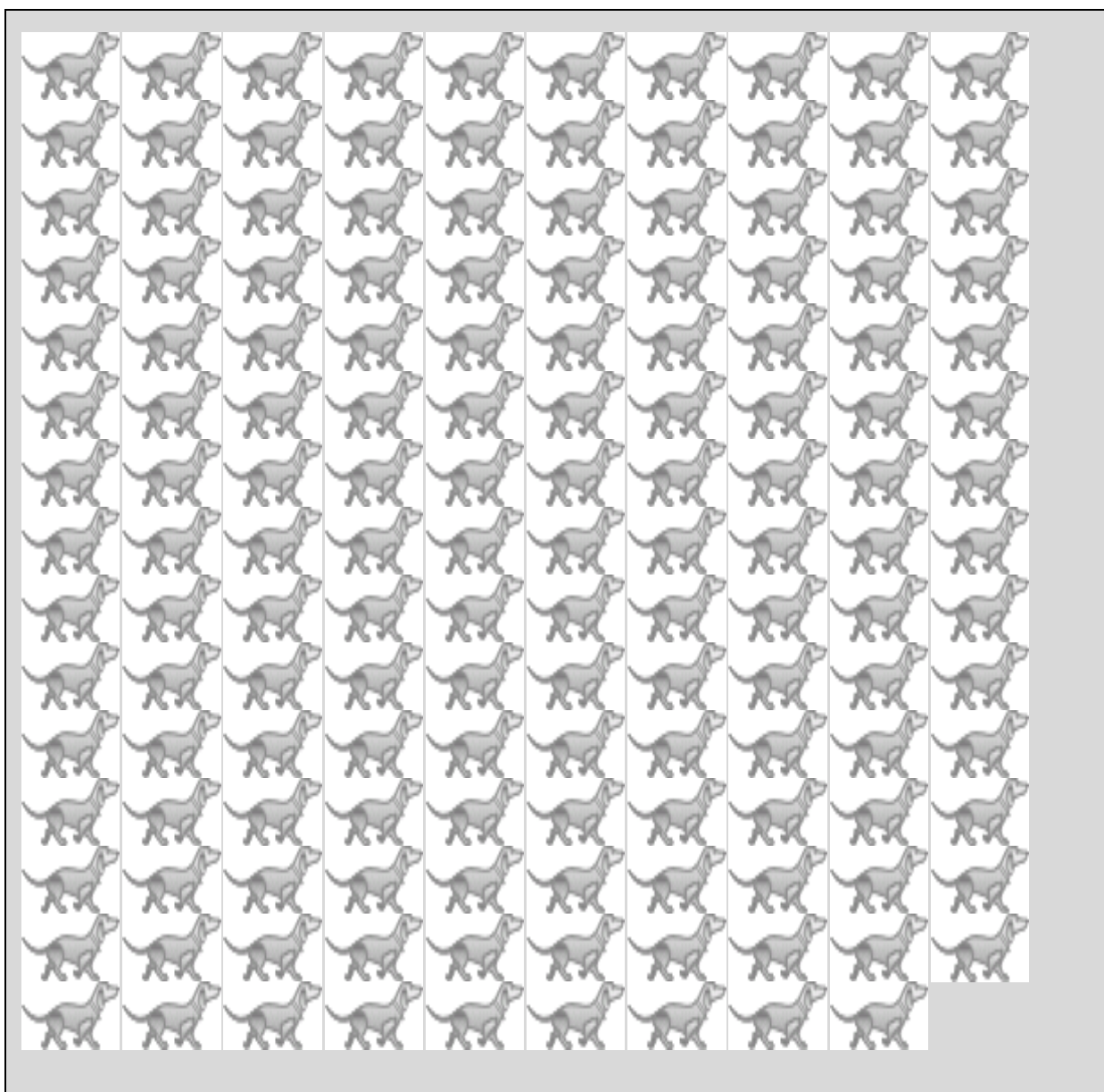
Ho bohlokwa hore kharikhulamo e phethahatswe ka botlala dihlopheng kaofela. Mehlala ya sehlopha ka seng hammoho le thuto, ha di a emela kharikhulamo ka kakaretso. Empa di hlwaya tsebo le bokgoni ba bohlokwa, le hona bakeng sa mosebetsi wa kotara tsa 1, 2, le 3 tsa selemo sa sekolo. Potlako ya mosebetsi o tshwanetseng ho etswa ho ya ka dikotara tsa sekolo e hlakisitswe tokomaneng e nepahetseng ya CAPS.

7. Qetello

Morero wa Lefapha ke ho phahamisa maemo le boleng ba tshebeletso ya baithuti bokgoning ba bohlokwa ba ho bala le ho ngola le dipalo. ANA ke sebetsa se seng seo Lefapha le se sebedisang ho disa hore na tshebeletso ya baithuti e a ntlafala, ha e fetohe kapa e a theoha na. Mabatowa le dikolo di lebeletswa ho tshehetsa matitjhere le ho ba fepela ka disebediswa ho ntlafatsa katleho ya ho ithuta le ho ruta dikolong. Ka ho sebedisa mehlala ya ANA e le karolo ya disebediswa tsa bona tsa ho ruta, Matitjhere a tla thusa baithuti hore ba tsebe le mekgwa e fapaneng ya tekolo. Tshebediso e nepahetseng ya mehlala ena e tla thusa baithuti ho kotula le ho bopa boiphihlelo bo nepahetseng ho ithuta ka katleho le ho sebetsa ka matla ho feta ditlhalobong tse latelang tsa ANA.

1. **Dinomoro, matshwao le dikamano.** (0-180)

Sheba setshwantso mme o arabe dipotso tse latelang.



- (a) Bala dintja mme o ngole hore di kae kaofela. _____
- (b) Ke dihlopha tse kae tsa bohlanong tsa dintja tse teng kaofela?

- (c) Ke dihlopha tse kae tsa mashome tsa dintja tse teng kaofela? _____
- (d) Ke dihlopha tse kae tsa bopedi tsa dintja tse teng kaofela?

(e) Ke dihlopha tse kae tsa botharo tsa dintja tse teng kao fela?_____

(f) Ke dihlopha tse kae tsa bo nne tsa dintja tse teng?_____

2. Tlatsa dikgeo tse siilweng tsa dinomoro.

(a) 162 ; _____; _____; 168 ; 170 ; _____

(b) 152 ; 155 ; _____; _____; 164 ; _____

3. Qetella dinomoro paterone tse latelang.

(b) 170 ; _____; 150 ; ____ ; 130 ; _____; 110

(b) 105 ; 110 ; _____; 120 ; ____ ; _____ ; 130

4. Ngola dinomoro simbolo ho mabitso nomoro a latelang

(a) lekgolo masomerobedi

(b) Lekgolo le shonngwe _____

(c) Lekgolo le masho tshela tshela _____

5. Ngola mabitso a dinomoro ho dinomoro simbolo tse latelang.

(a) 44 _____

(b) 68 _____

(c) 27 _____

(d) 73 _____

(e) 59 _____

6. Taka mela ho nyalanya dinomoro simbolo le mabitso a dinomoro.
- (a) 49 shorobedi
 - (b) 55 mashosupa nne
 - (c) 33 mashotshela tharo
 - (d) 74 mashohlano hlano
 - (e) 18 mashonne robong
 - (f) 63 mashotharo tharo
7. Sekela nomoro e nnyane ho para enngwe le e nngwe.
- (a) 21; 12
 - (b) 55; 33
 - (c) 46; 64
 - (d) 32; 23
 - (e) 73; 37
8. Hlophisa dinomoro tsena ho tloha ho e kgolo ho isa ho e nnyane.
- | | | | | | |
|-----|----|----|----|----|----|
| (a) | 10 | 17 | 25 | 43 | 38 |
| | | | | | |
| (b) | 53 | 35 | 75 | 57 | 55 |
| | | | | | |
| (c) | 40 | 63 | 25 | 73 | 68 |
| | | | | | |
9. Hlophisa dinomoro tse latelang ho tloha ho e nnyane ho isa ho e kgolo.
- | | | | | |
|-----|----|----|----|----|
| (a) | 11 | 33 | 66 | 55 |
| | | | | |
| (b) | 53 | 35 | 47 | 74 |
| | | | | |
| (c) | 24 | 61 | 42 | 16 |
| | | | | |

10. Ho nomoro **73**

(a) boleng ba dijiti **7** ke _____

(b) boleng ba dijiti **3** ke _____

11. Hlakan tsha ka ho sebedisa nomoro habedi.

$$\begin{array}{lcl} \text{mohlala: } 24 + 25 & = & 25 + 25 - 1 \text{ hoba } 24 + 25 = 24 + 24 + 1 \\ & = & 50 - 1 \\ & = & 49 \end{array} \qquad \begin{array}{lcl} & = & 48 + 1 \\ & = & 49 \end{array}$$

(a) $28 + 29 =$

(b) $36 + 37 =$

12. Sebet sa ka ho qhaqholla dinomoro .

$$\begin{array}{lcl} \text{Mohlala: } 29 + 34 & = & 20 + 9 + 30 + 4 \\ & = & 20 + 30 + 9 + 4 \\ & = & 50 + 13 \\ & = & 63 \end{array}$$

(a) $41 + 33 =$

(b) $36 + 37 =$

(c) $86 - 42$

13. Halo fo ya nomoro eo we fiilweng .

	Nomoro	Nomoro halo fo
(a)	124	
(b)	116	
(c)	162	

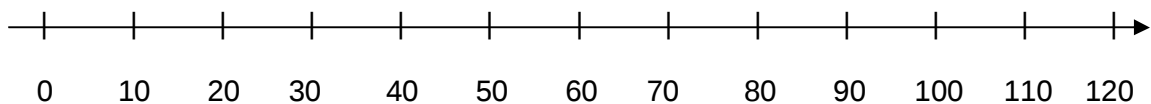
14. Ngola nomoro eo we fiilweng habedi.

	Nomoro	Nomoro habedi
(a)	19	
(b)	26	
(c)	37	

15. Sebedisa molapalo ho:

(a) kopanya 40 le 30.

(b) tlosa 30 ho 110.



16. **Ho rarolla mathata (dipalo tsa mantšwe)**

Araba dipotso tse latelang.

(a) Tim o nale dimabole tse 94. A lahlehelwa ke tse 30 dimabole. O setse ka dimabole tse kae?

Palo ya dimabole tse setseng = _____

(b) Thoko o na le dipompong tse 52. O reka tse 20 hape. Thoko o na le dipompong tse kae jwale?

Palo ya dipompong = _____

(c) James o thonakile dilamunu tse 74 mme Ben a thonaka halofo ya tse James a di thonakileng. Ben o thonakile dilamunu tse kae?

(d) Ben o thonakile dilamunu tse kae? _____.

Thembi, Lorraine, Mandla le Paul a le mong wa bona o nale dipompong tse 18. Ba nale dipompong tse kae kaofela?

Palo ya dipompong kaofela = _____

Kgobokanyo le kabo

17.

Sheba setshwantsho letotong le ka hodimo la difahleho mme o qetelle polelo ka nngwe.

(a) Ho nale mathathama a makae a bo 5 a difahleho _____ ka nngwe.

(b) Hona le difahleho tse _____ kaofela

(c) Bongani o tshwanetse ke ho paka dibisikiti tse 54 ka bo 9 ka paketeng e nngwe le e nngwe. Ke dipakana tse kae tseo a ka di etsang?

(d) Ke bokae eo motho a le mong a tla e fumana haebe R96 e abelwa batho ba 8 ka ho lekana?

(e) Phapusing ya kereiti ya 2 ho nale bashanyana ba 34. Palo ya banana e habedi hoyo bashemane. Ke banana ba bakae ka phapusing?

18. Araba dipotso tse latelang.



- (a) Arola sebopeliso se ka hodimo ka dikarolo tse 2 tse lekanang.
(b) Fipatsa kotare ya rektthenkele.

Tjhelete

19. Qetella tafole.

	Theko	Lefaka	Tjhentjhe
(a)	R71,00		R4
(b)		R20	R6
(c)	R43,00	R50	

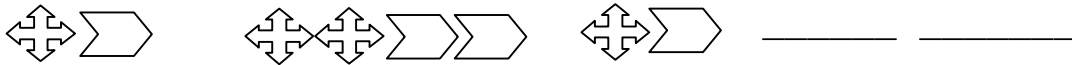
20. Betty o reka buka, theko ya yona ke R,50. O lefaka R20 ya pampiri. Sekela tjhentjhe ya hae.

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

21. Piet o nale R21,00 mme o nale R14,00. Ba kopanya tjhelete ya bona ho reka bolo eo theko ya yona e leng R32,00. Ba tshwanetse ho fumana tjhentjhe e kae? R _____

Dipaterone.

22. Sekela dibopeho tse tlang ka tatelano ya paterone.

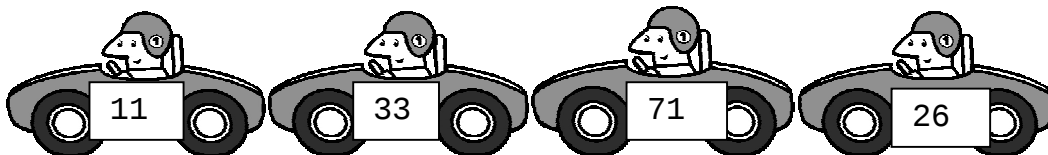


- A. B. C. D.

23. Ngola dinomoro tse 3 tse latelang tatellong e nngwe le e nngwe .

- (a) 132 ; 122 ; _____ ; _____ ; 92 ; _____
 (b) 180 ; 175 ; _____ ; _____ ; 160 ; _____
 (c) 96 ; 98 ; _____ ; _____ ; 104 ; _____
 (d) 80 ; 84 ; 88 ; _____ ; _____ ; _____
 (e) 96 ; 99 ; _____ ; 105 ; _____ ; 111 ; _____

Boemo.

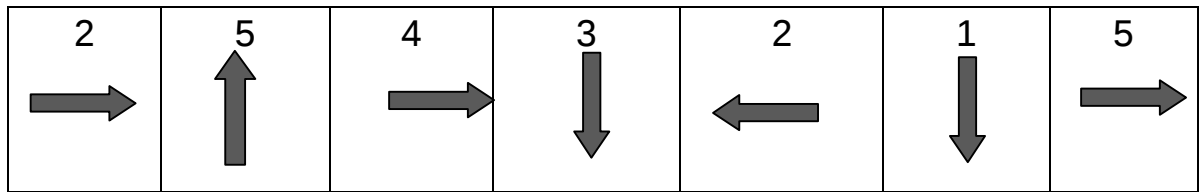


24. Dikoloi tse 4 di pakile ka lethat hama.

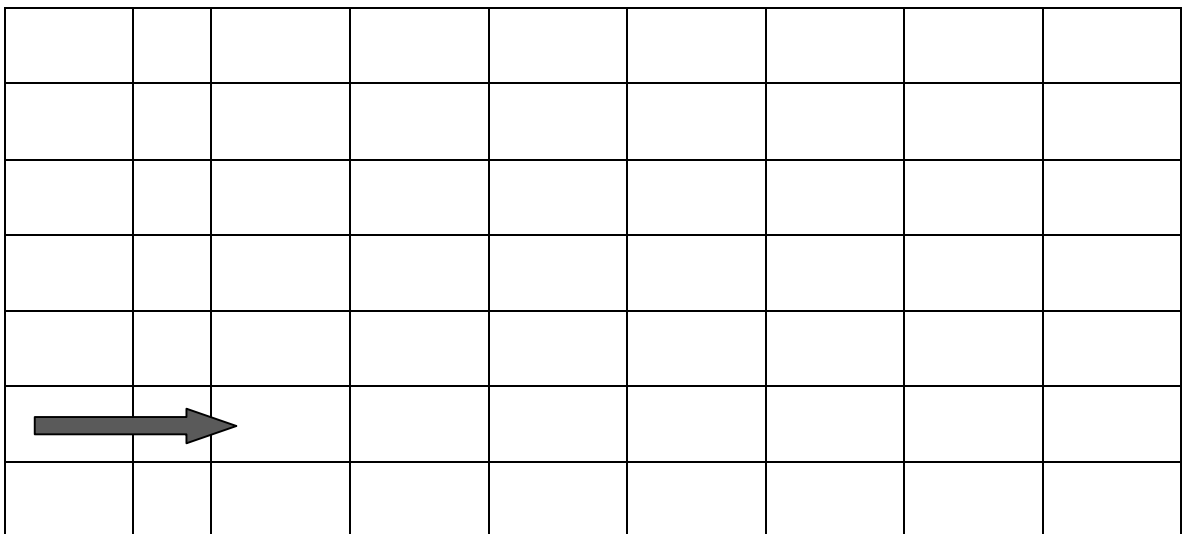
Qetella

- (a) Koloi ya nomoro _____ e ka pele.
 (b) Koloi ya nomoro _____ le ya _____ di ka morao ho koloi ya nomoro 33.
 (c) Koloi ya nomoro _____ e ka morao ho koloi ya nomoro 71.
 (d) Koloi ya nomoro _____ e ka pela koloi e ho nomoro ya 33.

25. Kate o tsamaya ho tloha hae ho ya sekolong ka bese. Ta fole e ka hodimo e bontsha tsela le bohole boo a bo tsamayang.



Sebedisa tsebiso e ka hodimo ho qetella kiriti e bontshang hore o tsamaya jwang. Ya pele o e etseditse.

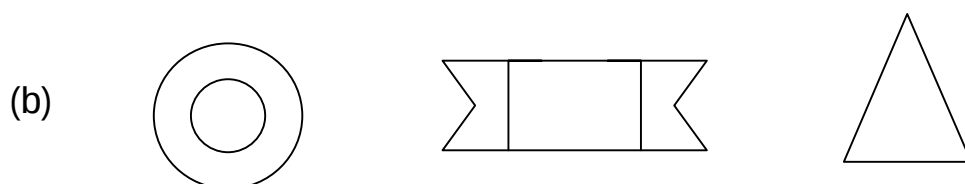


26. **Dibopeho**

Tshwaya sebopeho se nang le dintshi tse otlohileng.

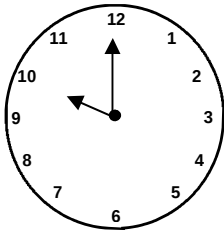


Taka mola wa molahare ho dibopeho tse latelang.

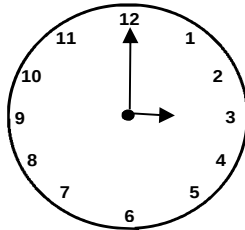


Nako

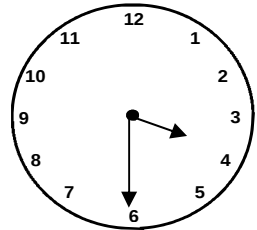
27. Ngola nako e bontshi tsweng diwa t jheng tsa manaka tse bontshi tsweng.



(a) _____

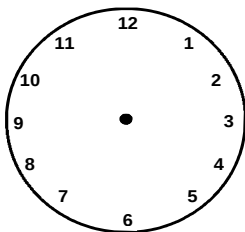


(b) _____

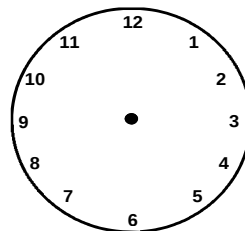


(c) _____

28. Taka lenaka la metsotso le la dihora wa t jheng tse la telang tsa manaka tse bontshi tsweng.



Hora ya 6



Halofo ka mora hora ya 4

29. Sindi o tlohile hae ka hora ya 6 hoseng. O fihla sekolong ka halofo ka mora hora ya 8. O tsamaile dihora tse kae tseleng?
-

30. Bala palo ya dihora ho tloha ka

(a) Hora ya 7 ho fihlela hora ya 12. _____.

(b) Hora ya 12 ho fihlela hora ya 7. _____.

(c) Halofo ka mora hora ya 4 ho fitlhela halofo ka mora
9. _____.

(d) Hora ya 6 ho fihlela ka halofo ka mora 12. _____.

31. (a) Ke letsatsi lefe le tlang matsatsi 4 ka mora Sontaha?

(b) Letsatsi la Ken la tswalo le ne le le matsatsi 7 ka mora 14
Phupjane.Letsatsi la hae le ne le le neng?

(c) Ke kgwedi e feng e tlang ka mora dikgwedi tse 5 ka mora
Phato?

(d) Ke kgwedi e feng e tlang ka mora dikgwedi tse 6 pele ho
Pudungwana?

(e) Ke kgwedi e feng e kgu tshwanyane selemong.

Mome t ho

32. Hlahloba bolelele ba mela e 5 ka tlase mme o bone hore e melelele hakae ho o mong.

Mola A _____

Mola B _____

Mola C _____

Mola D _____

33. Araba dipotso ntle le ho metha mela.

- (a) Mola _____ o molelele ho feta.
(b) Mola _____ o mokgutshwanyana.
(c) Mola _____ le mola _____ e a lekana.

Mo t hamo

34. Sekela karabo e nepahetseng

Lebese le methwa ka:

A. Dilitara B. kilogramo C. kilomitara

Sekela karabo e nepahetseng.

Senomaphodi se methwa ka:

A. gramo B. dimililitara C. kilogramo

Ho sebet sa ka datha

35. Kerafo ya ditshwantsho e bontsha palo ya meroho e rekisitweng marakeng ka tsatsi le leng.

Palo ya meroho	7				
	6				
	5				
	4				
	3				
	2				
	1				
		Dihwete	Ditapole	Khabeshe	Konofole

Sheba setshwantsho se ka hodimo sa kerafo ya
setshwantsho mme o arabe dipotso.

(a) Ke moroho o fe o rekisitsweng haholo?

_____.

(b) Ke moroho o fe o sa rekiswang?

_____.

(c) Ke kono folo e kae e rekisitsweng?

_____.

(d) Ke moroho e kae e rekisitsweng kaofela?

_____.