



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

LUHLOLO LWAVELONKHE LWEMNYAKA 2013

LIBANGA 2

TIBALO - SISWATI MIBUTO LESIBONELO 2013

Leli bhukwana linemakhasi la-21, ngaphandle kwelikhasi langaphandle.

TINKHOMBANDLELA TEKUSETJENTISWA KWETIBONELO

1. Tingasetjentiswa njani letibonelo

Nanobe letibonelo telibanga kanye nesifundvo kubutselwe ndzawonye kwaba yisethi yinye leyimbumba lephelelisiwe, **akukadzingeki kwekutsi thishela anikete bafundzi lomsebenti kutsi bawente sikhatsi ngasinye. Kumele thishela akhetse tibonelo temibuto lecondzene naloko lakuhlelele esifundvweni sakhe ngalesikhatsi lesiniketive.** Umbuto munye nobe linani leliphatsekako lemibuto yesivivinyo yesibonelo lekhetfwe nobe yatonyulwa ngekucaphelisisa, ingasetjentiswa etigabeni letahlukene tekuchubekisa kufundza nekufundzisa ngalendlela :-

- 1.1 Ekucaleni kwesifundvo njengesivivinyo seluhlololucwaningo kutfola emandla nebutsakatsaka lobukhona kumfundzi. **Loluhlololucwaningo** kumele uholele ekuniketeni **satiso** ngekushesha kubafundzi nasekusunguleni **tifundvo letilungele kubasita** kulobutsakatsaka losebubonakele bese kubacinisa emandla. Lesivivinyo semhlahlo singaniketwa bafundzi njengemsebenti wasekhaya kute kongeke sikhatsi seticondziso ekilasini.
- 1.2 Ngalesikhatsi kufundvwa njenge tivivinyo letichubekako tekuhlola kwekutsi bafundzi bayatfufuka elwatini lolumiselwe kanye nemakhono njengoba sifundvo sichubeka kute kube nesiciniseko sekutsi akekho umfundzi losalela emuva.
- 1.3 Emaphetselweni esifundvo nobe luhla lwetifundvo njengesivivinyo sekuphela kwethemu kuhlola kwekutsi bafundzi batfole kucondza lokwenele futsi bangasebentisa lolwati nemakhono labawafolile esifundvweni nobe etifundvweni lesebaticedzile. Lesatiso lesiya kubafundzi kumele siniketwe ngekushesha ngalesikhatsi thishela asancuma kwekutsi ingabe kukhona yini kulesifundvo nobe tifundvo lapho kumele abuyele emuva khona kucinisa lwati nemakhono latsile.
- 1.4 Kuto tonkhe tigaba kuveta tindlela letahlukene tekuhlola nekubuta kubafundzi, sib. kuphendvula imibuto lenetimphelevulo letinyenti letiniketive (MC), imibuto levulekile ledzinga timphendvulo letahlukene (OE) nobe imibuto ledzinga nobe nguyiphi imphendvulo (FR), imibuto ledzinga timphendvulo letimfisha (SA), njll.

Nanobe sivivinyo seluhlololucwaningo nalesichubekako singaba sifisha ngekwelinani lemibuto lefakiwe, sivivinyo sekuphela kwethemu sitawufaka imibuto leminyenti kute kwakheke sivivinyo lesiphelele ngekuya kwemsebenti losewentiwe ngalesosikhatsi. Intfo lebalulekile kuba nesiciniseko sekutsi ekugcineni bafundzi batfole litfuba lelanelo lekutilungiselela ngekuphendvula tivivinyo letigcwele teluhlobo lwe sifanekiso seLuhlolo LwaVelonkhe Lwemnyaka (ANA).

2. Imemorandamu nobe tinkhombandlela tekumakha

Luhlobo lwesibonelo sekuphendvula lesilindzelekile (tinkhombandlela tekumakha) siniketive kuleyo naleyo mibuto yesibonelo sesivivinyo yaphindze futsi yaniketwa kusifanekiso sesivivinyo seLuhlolo LwaVelonkhe Lwemnyaka (ANA). Kumele bothishela bakubeke etingcondvweni tabo kwekutsi angeke kwenteke kwekutsi imemorandamu ipheleliswe. Imemorandamu iniketa kuphela imitsetfo lebanti yetinhlobo tetimphelevulo letilindzelekile kantsi nabothishela kumele batibute ngalokujulile bese baniketa umvuzo kuloko lokukhetsiwe netingucuko tetimphelevulo letiniketive letemukelekako letivela kubafundzi.

3. Lokucukethwe yekharikhulamu

Kubaluleke ngalokwedlulele kwekutsi ikharikhulamu yentiwe yonkhe ngalokugcwele kulelo nalelo likilasi. Tibonelo telibanga ngalinye kanye nesifundvo akukameli ikharikhulamu yonkhe. Tiyisampula nje yelwati nemakhono lasemcoka futsi emsebenti lowetiwe ngemathemu 1, 2, na 3 emnyaka wesikolo. Kuhleleka kwemsebenti lokumele wentiwe lophelele kumathemu esikolo ukhonjisiwe kahle emiculwini yeCAPS.

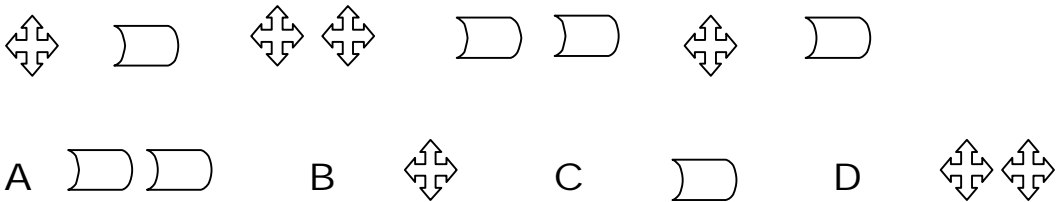
1.1 Cedzela iphethini yabobunj wa "letiphindzako".



1.2 Dweba bobunj wa labalandzelako kulephethini.



1.3 Biyela luhlavu lolunemidvwebo lelandzelako kulephethini.

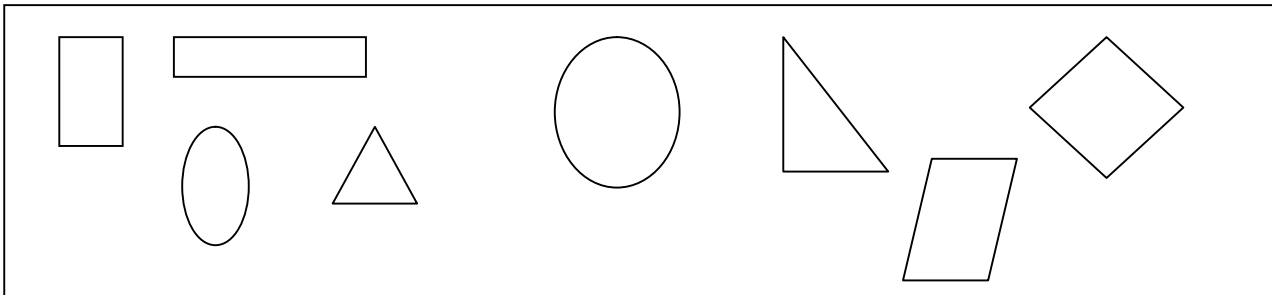


2.1 Dweba umugca ucondzanise sit fombe sent fo lengemadayimenshini lamatsatfu (3-D) neligama layo.



ikhiyubhi

2.2 Faka luphawu "✓" kubobunj wa labanemacele lacondzile bese ufaka luphawu "x" kulabo labanemacele lagobekile.



2.3 Faka luphawu "✓" kubunj wa lonemacala lacondzile.



3.1 Bhala inombolo yelikhulu nemashumi lasit fupha nemfica.

3.2 Dvweba imigca ucondzanise inombolo neligama layo.

- 3.2.1 49 lishumi nesiphohlongo
- 3.2.2 55 mashumi lasikhombisa nane
- 3.2.3 63 mashumi lasihlanu nesihlanu
- 3.2.4 74 mashumi lamane nemfica
- 3.2.5 18 mashumi lasit fupha nantsat fu

3.3 Khetsa inombolo ebhokisini lelingentasi bese uyibhala eceleni kwenombolo yayo lebhalewe ngemagama.

101	100	110
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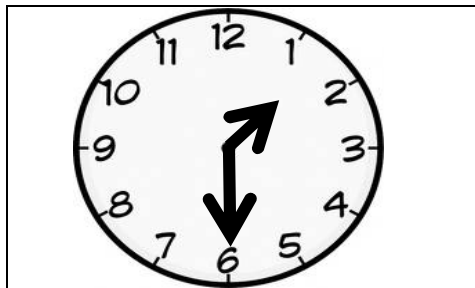
3.3.1 Likhulu nakunye _____

3.3.2 Likhulu _____

3.3.3 Likhulu nelishumi _____

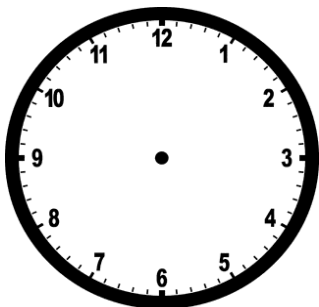
4. Bhala 47 ngemagama.

5.1 Bhala sikhatsi lesikhonj iswe kuleliwashi.

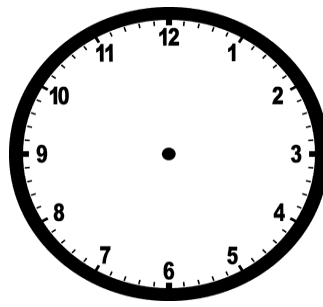


Sikhatsi _____.

5.2 Dweba tintsi ewashini ngalinye ukhombise sikhatsi lesibhaliwe.



I nsimbi ye- 6 enhloko



I gabence insimbi ye- 4

5.3 Bongi uye esikolweni ngensimbi ye- 7 ekuseni. Ubuye ekhaya ngensimbi ye- 3. Mangaki ema-awa lebekangekho ngawo ekhaya?

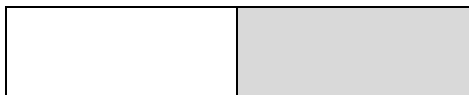
Bekangekho ekhaya ema-awa la _____.

6.1 Biyela luhlavu lolunemphendvulo lefanele. Nguyiphi incenye yabunj wa lefakwe umbala?



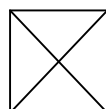
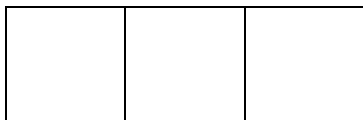
- A 1 kulokutsatfu
- B 1 ihhafu
- C 1 kota
- D 1 kulokusihlanu

6.2 Phendvula umbuto lolandzelako.



Bunj wa longenhla uhlukaniswe tincenye leti _____
letilinganako kwatsi i _____ yafakwa umbala.

6.3 Faka umbala kulucetu lolukhonj isiwe kumdvwebo ngamunye.



Kunye kulokutsatfu

emakota la- 4

7.1 Bhala tinombolo lotinikiwe kusukela kulenkulu kuya kulencane kakhulu:

7.2 131 129 152 117 162

7.2.1 Hlela tinombolo kusukela kulencane kuya kulenkulu kakhulu.

100 110 95 90 105

7.2.2 51 15 105 115 5

7.3 Biyela luhlavu lolunemphendvulo lefanele.
Ngutiphi tinombolo letihleleke kusukela kulenkulu kuya kulencane kakhulu?

A 64 12 40 21 80

B 80 64 40 21 12

C 21 40 80 64 12

D 80 64 21 12 40

8.1 $69 - 41 =$

A 28

B 82

C 72

D 78

8.2 Gcwalisa inombolo lengekho kute ucedzele sibalo sekuhlanganisa.

8.2.1 $27 + 2 + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = 33$

8.2.2 $31 + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = 43$

8.2.3 $16 + 10 + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = 46$

8.2.4 $19 + 6 + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = 30$

8.3 Uma $52 - 9 = 43$ kusho kutsi $52 - 43 = \underline{\hspace{2cm}}$

9.1 Buka sitfombe bese ufaka luphawu "✓" esikhaleni lesinemphendvulo lefanele.

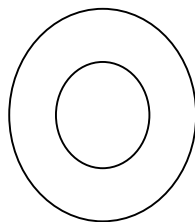
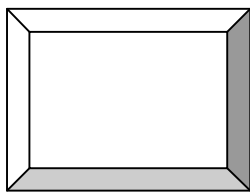


Livili linga

shelela.

gicika.

9.2 Biyela intfo lengashelela.

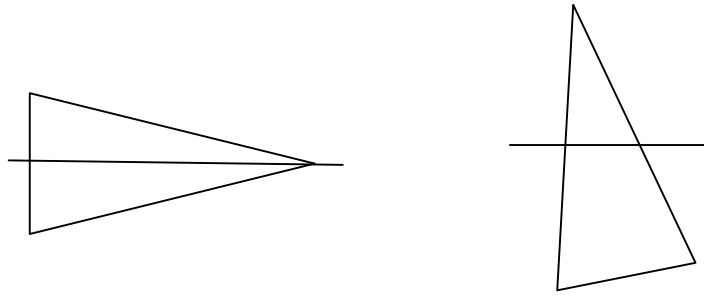


9.3 Dvweba nobe nguyiphi intfo lengagicika nentfo lengashelela.

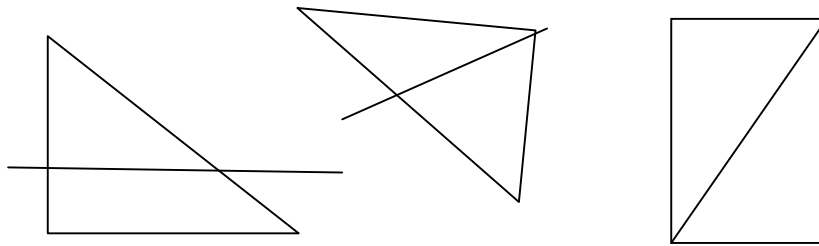
Intfo lengagicika.	Intfo lengashelela.

10. Faka luphawu "✓" kubunj wa lonemugca lohlukane emkhatsini kwalingana ngalokufanako.

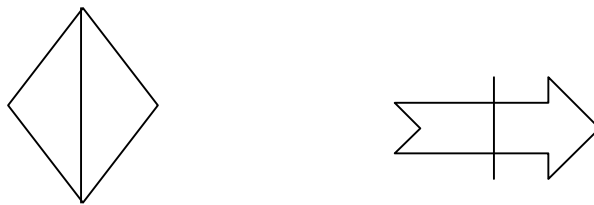
10.1



10.2



10.3



11.1 Cedzela iphethini yetinombolo ngayinye kulawa lalandzelako:

11.1.1 66; 63; 60; _____; _____ ; _____

11.1.2 141; 145; 149; _____; _____; _____

11.2 Gcwalisa tinombolo letingekho.

11.2.1 162; _____; _____; 168, 170; _____

11.2.2 152; 155; _____; _____; 164; _____

12.1 Bungako benombolo ledvwetjelwe ku- 81 ___

12.2 Kunombolo 73

12.2.1 bungako benombolo 7 ___

12.2.2 bungako benombolo 3 ___

13.1 Phindza ubuye uhhafule 29.

13.1 Phindza 29 = _____

--

13.2 Ihhafu ye- 29 = _____

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13.2.1 Hhafula inombolo loyinikiwe.

I nombolo	I nombolo lehhafuliwe
24	
16	
12	

13.2.2 Phindza inombolo loyinikiwe.

I nombolo	I nombolo lephindziwe
18	
10	
14	

13.3 Phindza inombolo ngayinye kuletilandzelako ngekubhala sibalomagama lesihlanganisako.

13.3.1 **6:** $\square = \square + \square$

13.3.2 **8:** $\square = \square + \square$

14.1 Gcwalisa "lincane kune" nobe "likhulu kune" emkhatsini wetinombolo kute wakhe umusho ube liciniso.

12 _____ 21

14.2 Gcwalisa =, >, < emkhatsini wetinombolo letihamba ngatimbili kute wakhe umusho loliciniso.

14.2.1 122 _____ 102

14.2.2 105 _____ 105

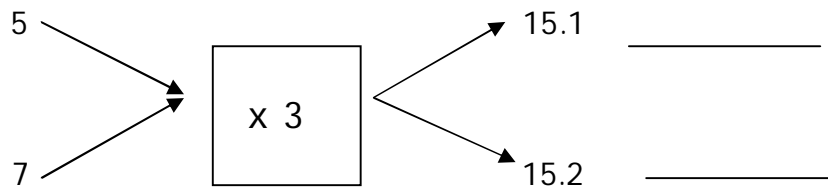
14.2.3 101 _____ 110

14.3 Biyela luphawu lolufanele kute sitatimende liciniso.

14.3.1 $5 + 5 > = < 23$

14.3.2 $47 > = < 74$

15.1 Cedzela iflodayagramu:



15.2 Gcwalisa tinombolo letingekho

timoto	1	3	5		9
emavili	4		20	24	

15.3 Bhala imphendvulo lefanele.

15.3.1 $2 \times 5 =$

15.3.2 $10 \times 4 =$

16.1 Gcwalisa luphawu lwekubala lolufanele kute umusho wetinombolo ube liciniso.

$$34 \quad \square \quad 10 = 44$$

16.2 Biyela luphawu lwekubala lolufanele kute umusho wetinombolo ube liciniso.

$$23 \quad \begin{array}{|c|c|} \hline + & - \\ \hline \end{array} \quad 10 = 13$$

17.1 Biyela intfo lesindza kakhulu.

		
5kg	1kg	2kg

17.2 Hlela tintfo lotinikiwe kusuka kulelula kakhulu kuya kulesindza kakhulu.

		
5kg	1kg	2kg

Intfo	Sisindvo

17.3 Faka luphawu (x) ebhokisini lelifanele.

Sitini

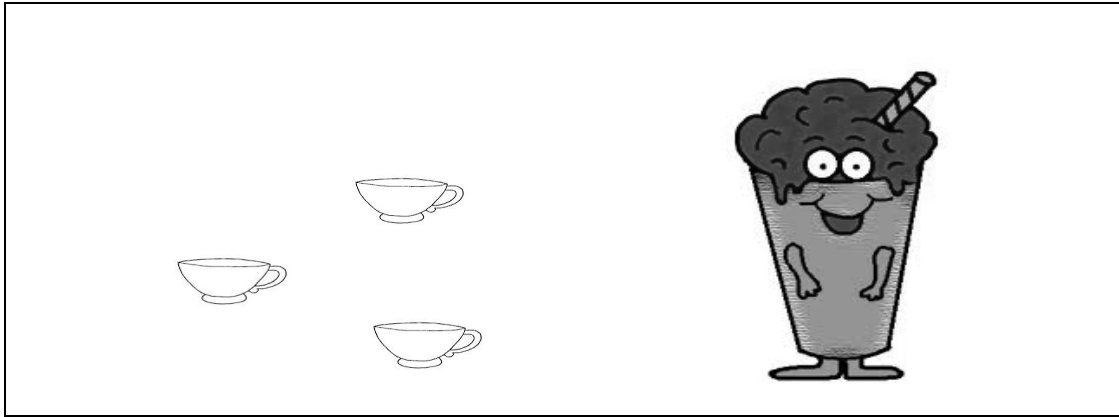
sisindza	silula
kakhulu	kakhulu

 kunepeniseli yami.

18.1 Bongani nebangani bakhe kumele bafake emahhabhula la- 36 nga- 4 epaketheni. Mangaki emaphakethe labatawagcwalisa bese kusala emahhabhula lamangaki?

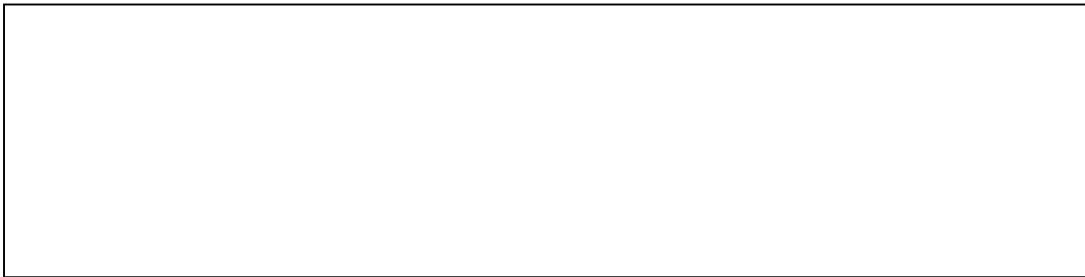
18.2 Thishela unemapenseli la- 38 wabese uhlukanisela bafundzi la- 4 ngalokulinganako. Utawut fola lamangaki emapenseli umfundzi ngamunye futsi kusale lamangaki.

- 19.1 Kudzingeka tinkhomishi letintsatfu telubisi kwenta 1 ij uzi. Kutawudzingeka tingaki tinkhomishi telubisi kwenta emaj uzi la- 4?





Emaj uzi la- 4 atawudzinga tinkhomishi telubisi le _____ .

- 19.2 Make ubhaka emakhekhe la- 4 futsi usebentisa tinkhomishi teflawwa letintsatfu ekhekheni ngalinye. Tingaki tinkhomishi teflawwa latisebentisile ekubhakeni emakhekhe?



Fundza luhla lwemanani lolungentasi bese uphendvula imibuto lelandzelako.

	
R12,00	R4,00

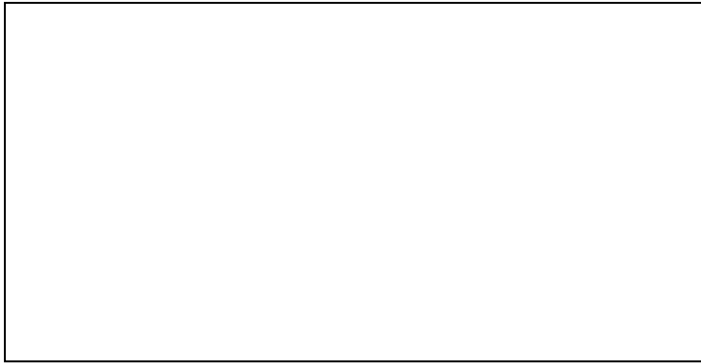
20.1 Susan utsenga ibhola ne-ayisikhilimu. Ubhadala nge- R20,00 lelangene. Utawut fola malini intjintji?

R_____

20.2 Nomsa angatsenga ema-ayisikhilimu lamangaki nge- R20?

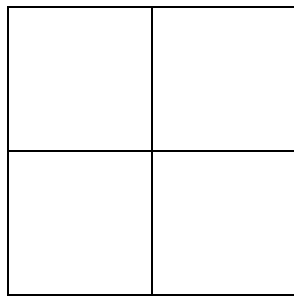
Nomsa angatsenga ema-ayisikhilimu la _____.

20.3 Thandi ufuna kutsenga emabhola la- 2 kepha une- R20 kuphela. Udzinga malini ngetulu kute atsenge emabhola?



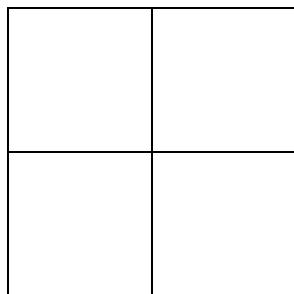
Thandi udzinga R_____ kantsi ushoda nge- R_____.

21.1 Tingaki tikwele kulomdvwebo longentasi?



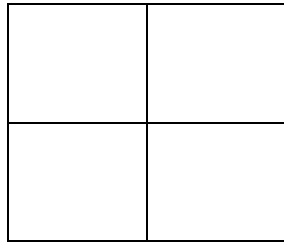
Linani letikwele = _____

21.2 Bala tikwele kulomdvwebo bese ubhala inombolo ngemagama.



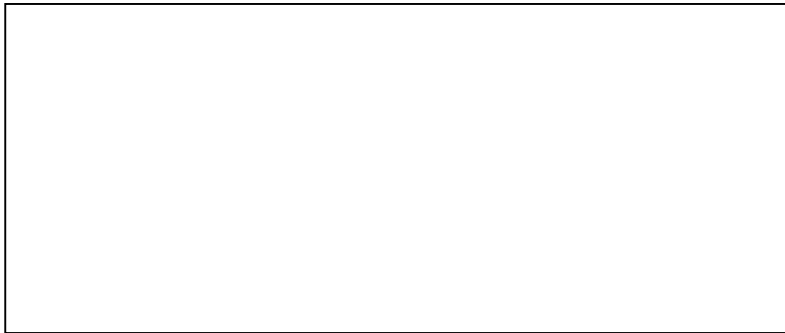
Inombolo ngemagama _____

21.3 Buka umdvwebo longentasi bese ucedzela umusho lolandzelako.



Kunetikwele letincane le _____ na _____ sikwele lesikhulu.

22.1 Mangaki emasondvo etinkhomo leti- 9?





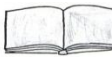



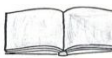
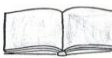
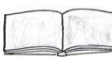






















Tinkhomo letiyimfica tinemasondvo la _____.

22.2 Indlu yekufundzela inemabhokisi emakhilayoni la- 4. Libhokisi ngalinye linemakhilayoni la- 9. Mangaki emakhilayoni sekaphelele?



Kunemakhilayoni la _____.

23.1 Sebentisa igrafu uphendvule imibuto letawulandzela.

Emabhuku lafundvwe bafundzi la- 5						
Linani lemabhuku	10					
	9					
	8					
	7					
	6					
	5					
	4					
	3					
	2					
	1					
		Peter	Amy	John	Tshepo	Pam

23.1.1 Ngubani lofundze emabhuku lamanyenti kakhulu?

23.1.2 Mangaki emabhuku lafundvwe bo-Amy naPam sekaphelele?

23.2.1 Matome ubuta bafana la-18 ngeluhlelo lwe-TV labalutsandzako. Ubhala imiphumela ngalendlela:

U umele umdlalo, T umele tindzaba, K umele kulingisa bese I umele inkholo.

U	T	K	K	I	T	I	K	U
I	U	T	I	U	U	K	U	I

Bangaki bafana labakhetse tinhlelo letilandzelako

te-TV labatitsandzako

23.2.1 Umdlalo? _____

23.2.2 Kulingisa? _____

23.2.3 Inkholo? _____

23.2.4 Tindzaba? _____

23.2.5 Sebentisa lolwati bese udvweba igratifutifombe.

Luphawu: Sebentisa 😊 ukhombe 1 umfana.

TINHLELO LABATITSANDZAKO

Linani lebafana				
	Umdlalo	Kulingisa	Inkholo	Tindzaba
	LUHLELO LWE-TV			