



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

LUHLOLO LWAVELONKHE LWEMNYAKA

LIBANGA 1

TIBALO-SISWATI

ISETHI 3: 2012 SIBONELO

TINKHOMBANDLELA TEKUSETJENTISWA KWETIBONELO TELUHLOLO LWAVELONKHE LWEMNYAKA (ANA)

1. Sibutsetelo lesivamile

Luhlolo Lwavelonkhe Lwemnyaka (ANA) luhlolo lwelwati nemakhono lekulindzeleke kwekutsi atfutfukiswe kubafundzi ekupheleni kwemnyaka emabangeni 1- 6 kanye nelibanga 9. Kusekela luhlolo lwabo lolugcile etikolweni nekucinisekisa kwekutsi bafundzi batfola kutetsema lokudzingekako kute bahlanganyele ngemphumelelo kuluhlolo lolusuka ngaphandle, litsimba labothishela kanye nabochwepheshe betifundvo bahlangene kute bahlanganise sibonelo semibuto yesivivinyo lesitawusetjentiswa ngubothishela kutifundvo tabo teLuwimi kanye neteTibalo. Sibonelo semibuto yesivivinyo leniketiwe, isuselwe emsebentini wekharikhulamu lofaka ekhatsi umsebenti wemaThem 1, 2 kanye na 3 wemnyaka wesikolo kanye nesifanekiso sesivivinyo lesiphelele seLuhlolo Lwavelonkhe Lwemnyaka (ANA) welibanga ngalinye. Letibonelo, letifaka ekhatsi sifaniso sesivivinyo seLuhlolo Lwavelonkhe Lwemnyaka (ANA), tichibela luhlolo loluchubekako lolugcile etikolweni lokumele kwekutsi bafundzi bandlule kulo, letibonelo atiyitsatsi indzawo yeluhlolo loluchubekako.

2. Kwakheka kwetibonelo temibuto

Letibonelo ticondzise kubonisa emasu netindlela letehlukene tekuhlola emakhono kanye/nobe nelwati. Uma ngabe lolunye lwati lwalokucuketfwe nobe likhono kungahlola ngekusebentisa umbuto locuketse timphendvulo letinyenti (lapho umfundzi kumele akhetse imphendvulo lekunguyona mbamba kuleto letiniketive) nobe sitatimende (lesidzinga kwekutsi bafundzi babbale imphendvulo kuhela kumbe indzima) nobe letinye tinhlobo temibuto (ledzinga bafundzi kwekutsi bahlanganise emagama / titatimende ngemigca, kute bacedzise imisho leniketiwe nobe emaphethini, kuhombisa timphendvulo tabo ngemidvwebo nangemifanekiso, njll.). Ngakoke, uma bothishela nebfundzi batfola linani letibonelo temibuto leyakheke ngalokwehlukile kepha ibuta info yinye, kumele bavisise kwekutsi loko kwentiwe ngemabomu futsi bafundzi kumele bayiphendvule yokhe lemibuto yetibonelo. Kuveta ebaliyi ngalokubanti tinhlobonhlobo temasu netindlela tekubuta, kuniketa bafundzi kutetsema lokudzingekako kute babukane netivivinyo

3. Kuhlanganiswa naletinye tinsita tekufundza nekufundzisa

Kute kube nekuchumana lokubalulekile, lamanyematheskthi aletibonelo kanye nemibuto iye yahlanganiswa ngabomu neyeTincwadzi Temisebenti (Workbooks) lehambisana kahle nelizinga lalelo banga. Letibonelo tiphindze tihambisane tidzingo teSitatimende seKharikhulamu Savelonkhe (NCS) yemabanga R-12, lokutfolakala kuSitatimende Senchubomgomo yeKharikhulamu Nekuhlola (CAPS) yemabanga akhona lafanele kanye ne National Protocol for Assessment. Yonkhe lemibhalo, seyihlangene naleminye letfolakala esikolweni, yakha sisekelo lesinotsile setinsita lesilekelela bothishela ekuhleleni tifundvo nasekuchubeni luhlolo loluhlelekile (kuhlola kwekufundza).

4. Tingasetjentiswa njani letibonelo

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

- 4.1 Ekucaleni kwesifundvo njengesivivinyo seluhlololucwaningo kutfola emandla nebutaksaka lobukhona kumfundzi. Loluhlololuncaningo kumele uholele ekuniketenisatiso ngekushesha kubafundzi nasekusunguleni tifundvo letilungele kubasita kulobutsakatsaka losebubonakele bese kubacina emandla. Lesivivinyo semlahlo singaniketwa bafundzi njengemsebenti wasekhaya kute kongeke sikhatsi seticondziso ekilasini.

- 4.2 Ngalesikhatsi kufundvwa njenge tivivinyo letichubekako tekuhlolola kwekutsi bafundzi bayatfutfuka elwatini lolumiselwe kanye nemakhono njengoba sifundvo sichubeka kute kuge nesiciniseko sekutsi akekho umfundzi losalela emuva.
- 4.3 Emaphetselweni esifundvo nobe luhla lwetifundvo njengesivivinyo sekuphela kwethemu kuhlolola kwekutsi bafundzi batfole kucondza lokwenele futsi bangasebentisa lolwati nemakhono labawatfolile esifundvweni nobe etifundvweni lesebaticedzile. Lesatiso lesiya kubafundzi kumele siniketwe ngekushesha ngalesikhatsi thishela asancuma kwekutsi ingabe kuhona yini kulesifundvo nobe tifundvo lapho kumele abuyele emuva khona kucinisa lwti nemakhono latsile.
- 4.4 Kuto tonkhe tigaba kuveta tindlela letahlukene tekuhlolola nekubuta kubafundzi, sib. kuphendvula imibuto lenetimphendvulo letinyenti letiniketiwe (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. Info lebalulekile kuba nesiciniseko sekutsi ekugcineni bafundzi batfola litfuba lelanelle lekuilungiselela ngekuphendvula tivivinyo letigcwele teluhlobo Iwe sifanekiso seLuhlo LwaVelonkhe Lwemnyaka (ANA).

5. Immemorandamu nobe tinkhombandlela tekumakha

Luhlobo Iwesibonelo sekuphendvula lesilindzelekile (tinkhombandlela tekumakha) siniketiwe kuleyo naleyo mibuto yesibonelo sesivivinyo yaphindze futsi yaniketwa kusifanekiso sesivivinyo seLuhlo LwaVelonkhe Lwemnyaka (ANA). Kumele bothishela bakubeke etingcondvweni tabo kwekutsi angeke kwenteke kwekutsi immemorandamu ipheleliswe. Immemorandamu iniketa kuphela imitsetfo lebanti yetinhlobo tetimphendvulo letilindzelekile kantsi nabothishela kumele batibute ngalokujulile bese baniketa umvuzo kuloko lokukhetsiwe netingucuko tetimphendvulo letiniketiwe letemukelekako letivelala kubafundzi.

6. Lokucukethwe yekharikhulamu

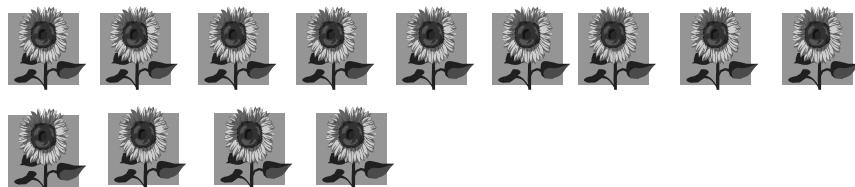
Kabaluleke ngalokwedlulele kwekutsi ikharikhulamu yentiwe yonkhe ngalokugcwele kulelo nalelo likilasi. Tibonelo telibanga ngalinye kanye nesifundvo akukameli ikharikhulamu yonkhe. Tiyisampula nje yelwati nemakhono lasemcoka futsi emsebenti lowetiwe ngemathemu 1, 2, na 3 emnyaka wesikolo. Kuhleleka kwemsebenti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

7. Siphetfo

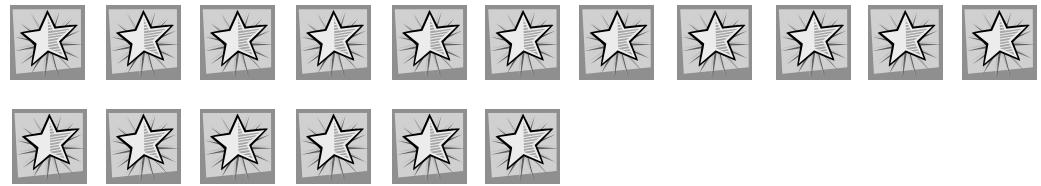
Inhoso yeLitiko kutfutfukisa emazinga nekhwalithi yekusebenta kwemfundzi kuhlolisia emakhono lasisekelo sekufundza nekubala kanye nekubala. Luhlo Lwemnyaka LwaVelonkhe ngulelinye lithulusi lelisetjentiswa liLitiko kulandzela nekufola kwekutsi kusebenta kwebafundzi kukhombisa kutfutfuko, kuma ndzawonye nobe kukhombisa kwehla. Tigodzi netikolo tilindzeleke kwekutsi tisekele bothishela tibuye tibani kete netinsita letidzingekako kutfutfukisa kufundza nekufundzisa lokuyimphumelelo etikolweni. Ngekusebenta tibonelo te ANA njengencenyte yetinsita tabo tekufundzisa, bothishela batawulekelela bafundzi ekutseni batetayele letindlela nemasu lahlukene lasetjentiswako nakuhlolwa. Ngekusetjentiswa kahle kwetibonelo kutawukwenta kwekutsi bafundzi basitakale ekufoloni lwti lolufanele futsi batfutfukise emakhono langiwo ekufundza ngemphumelelo babuye basebente kancono kutivivinyo te-ANA letitawulandzela.

Tinombolo, timphawu tekubala nebudlelwane.

- 1. Bala titfombe tetimbali bese ugcwalisa inombolo lengiyo yetimbali.**



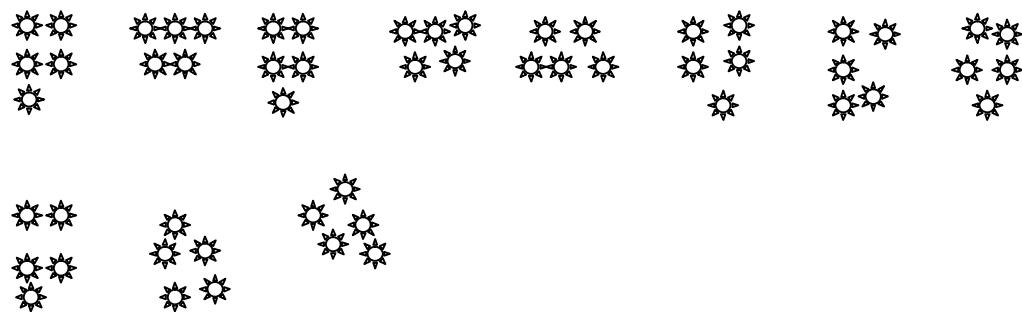
- 2. Bala titfombe tetinkhanyeti bese ubhala inombolo yetinkhanyeti.**



3. Bala titfombe tetincumbi temabhaluni bese ubhala kutsi tingaki letincumbi.



4. Tingaki tincumbi tetimbali leti-5 letkhonj iswe kulesitfombe?



5. Mangaki emehlo kulamamaskhi la-8?



Gcwalisa tinombolo letingekho ute uyofika embutweni we-9

6.

7	8		10		12	13	14		16
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7. 13 ; 14 ; ____ ; ____ ; ____ ; 18

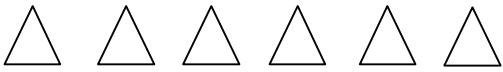
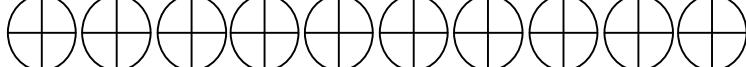
8. 16 ; ____ ; 14 ; ____ ; 12

9. 10 ; ____ ; ____ ; ____ ; 6

10. Dvweba umugca ucondzanise ligama lenombolo nenombolo yayo.

- a. Sihlanu 10
- b. Lishumi 2
- c. Imfica 5
- d. Kubili 9

11. Buka sit fombe. Dvweba indilinga ubiyele inombolo lehambelana nenombolo yetint fo kuncumbi ngayinye.

a.		4 6 8 10
b.		4 6 8 10
c.		4 6 8 10
d.		4 6 8 10

12. Dvweba imigca uchumanise timphawunombolo letifanako.

19

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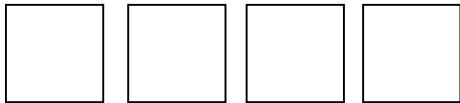
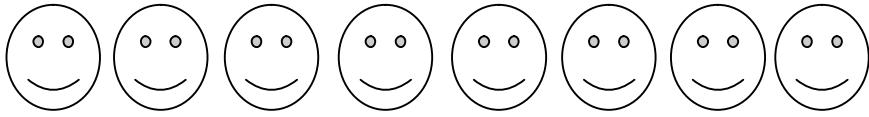
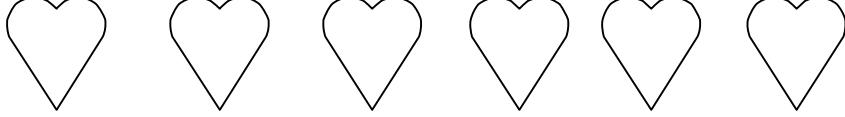
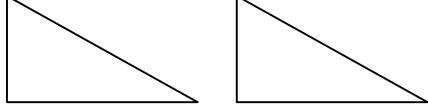
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19

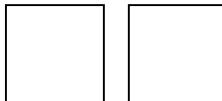
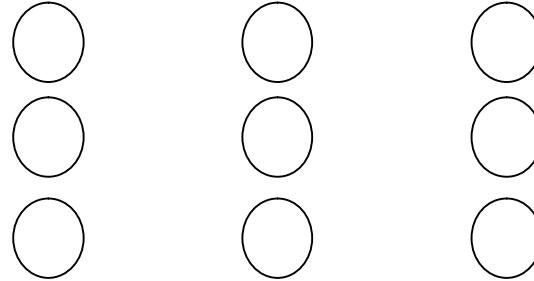
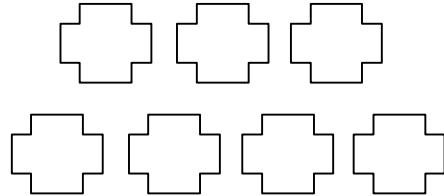
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13. Ebhokisi ngalinye bhala ligama lenombolo lesho
linani letintfo letikhona.

a.		
b.		
c.		
d.		

14. Cedzela lithebula lelingentasi.

	Tint fo	Inombolo	Inombolo ngemagama
a.		2	
b.			Imfica
c.			Kutsatfu
d.		7	

15. Bhala ngemagama tinombolo letilandzelako .

a.	1	
b.	4	
c.	8	
d.	10	
e.	5	

16. Condzanisa inombolo kanye naleyo lebhalwe ngemagama.

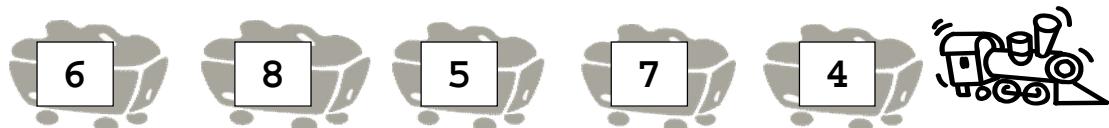
7	kubili
1	imfica
3	sikhombisa/ inkhotsa
9	kunye
2	kutsatfu

17. Hlela tinombolo letilandzelako kusukela kulencane kuye
kulenkulu.

11 ; 14 ; 10 ; 13 ; 12

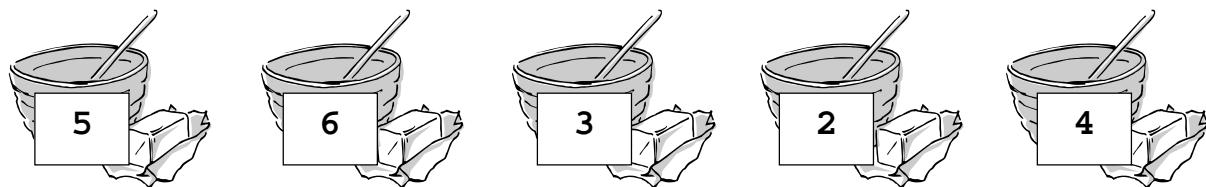
_____ ; _____ ; _____ ; _____ ; _____

18. Bhala tinombolo letikulesitimela usuke kulenkulu uye
kulencane.



_____ ; _____ ; _____ ; _____ ; _____

19. Bhala tinombolo letikuletitja kusuka kulencane
kuya kulenkulu.



_____ ; _____ ; _____ ; _____ ; _____

20. Buka sitfombe bese ugcwalisa "nyenti", "ncane" noma "lingana" ucedzele umusho ngamunye.

A

0000
000
000

B

000
000
000

C

00
0000
000

D

000
00

a. A unemachashati lama_____.

b. B unemachashati la _____ newa C.

c. D unemachashati lama _____.

21. Buka sitfombe bese uphendvula imibuto.



imoto



umuntfu



inkhomo

a. _____ isekucaleni.

b. _____ isekugcineni.

c. _____ usemkhatsini.

22. Buka titfombe tetilwane bese ugcwalisa ligama kucedzela umusho ngamunye.



kwekulala



kwesibili



kwsitsatfu



kwesine



kwesihlanu



a. sitfombe se _____.



b. sitfombe se _____.

23. Kunetinhlavu te-alfabheti leti-7.

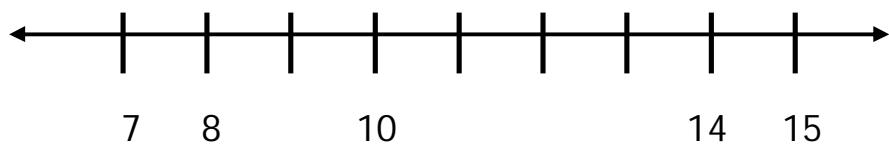
s m a b e w r

a. Luhlavu lolusendzaweni yesitsatfu ngu _____.

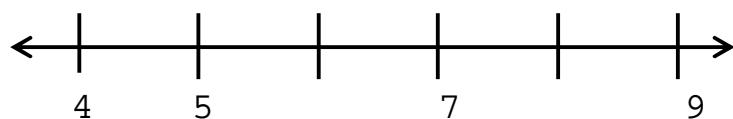
b. Luhlavu loluphambi kwa e ngu _____.

c. Luhlavu lolungemuva kwa w ngu _____.

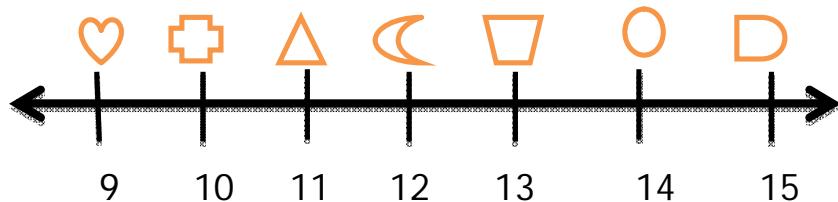
24. Bhala tinombolo letingekho etikhaleni temugcatinombolo.



25. Gcwalisa tinombolo letingekho kumugcatinombolo.



26. Buka bobunj wa kumugcatinombolo bese udvweba
Bunj wa lofanele luhlaka.



	Indzawo	Bunj wa
a.	Indzawo ye-10	
b.	Indzawo ye-11	
c.	Indzawo ye-13	
d.	Indzawo ye-15	

Simelibungako

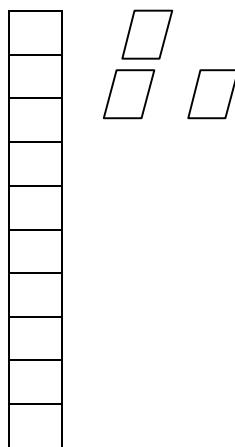
1. Cedzela umusho wetinombolo ngamunye.

a. $12 = 1 \text{ emashumi} + \underline{\hspace{2cm}} \text{ imivo}$

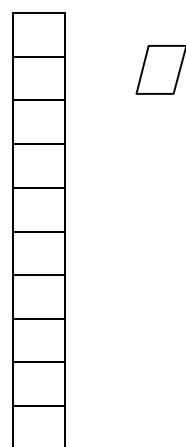
b. $15 = 1 \text{ emashumi} + \underline{\hspace{2cm}} \text{ imivo.}$

2. Bhala tinombolo letikhonj iswe kulokulandzelako.

a

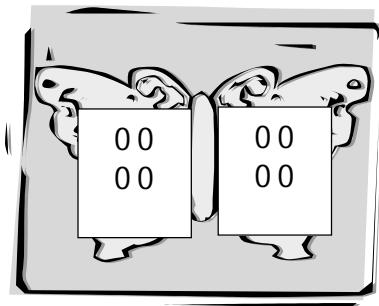


b

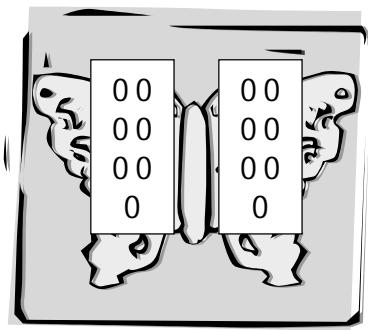


Kusebenta ngetinombolo

1. **Bala tintfo kule timphiko teluvivane bese ugcwala isimphendvulo.**



phindza kabili 4 = _____



phindza kabili 7 = _____

2. **Gcwalisa imphendvulo ngayinye.**

a. Phindza kabili 5 =

b. Phindza kabili 6 =

c. Phindza kabili 2 =

3. Gcwalisa ligama lenombolo lengiyo. Bakwentele kwekucala.

- a. Sihlanu lesiphindvwe kabili lishumi.
- b. Kunye lokuphindvwe kabili _____.
- c. Sitfupha lesiphindvwe kabili _____.
- d. Kutsatfu lokuphindvwe kabili _____.

4. Sebentisa titfombe letilandzelako kuhhafula tinombolo .

0	0
0	0
0	0
0	0

a. Ihhafu ye-8 = _____

0	0	0
0	0	0
0	0	0
0	0	0

b. Ihhafu ye-12 = _____

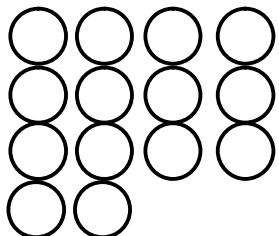
0	0

c. Ihhafu ya -2 = _____

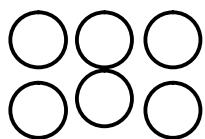
5. Khomba ngekucisha ngemugca ihhafu yetindilinga bese ugcwalisa imphendvulo. Bakwentele kwekucala .



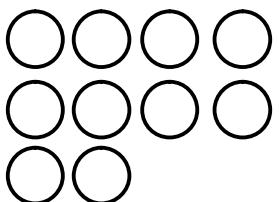
a. Ihhafu ya-2 = 1



b. Ihhafu ye-14 = _____

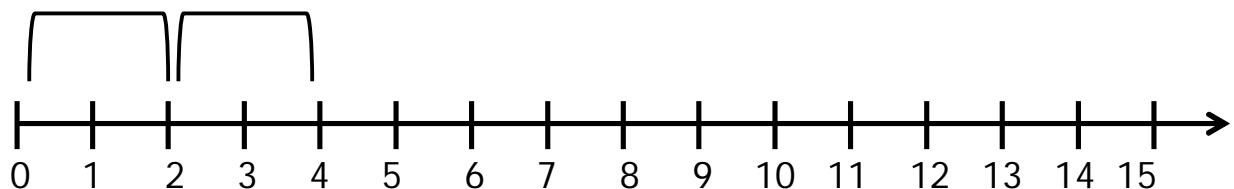


c. Ihhafu ye-6 = _____



d. Ihhafu ye-10 = _____

6. Bala ngakubili usuke ku-0 uye ku -14. Khombisa kugaluj a kulomugcatinombolo. Kugaluj a lo-2 kwekucala bakwentele.



**7. Phendvula imibuto 7 kuya ku-20 kufaka ekhatsi
kuhlanganisa, kususa, kuhlanganisa
lokuphindzaphindzako, kugcogca nekuhlukanisa.**

a. $4 + 3 = \underline{\hspace{2cm}}$

b. $5 + 6 = \underline{\hspace{2cm}}$

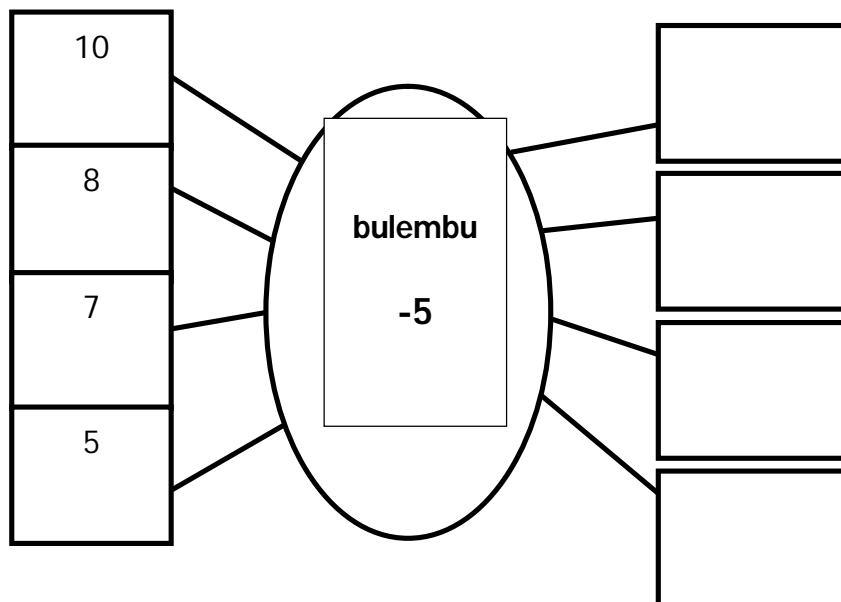
c. $2 + 4 = \underline{\hspace{2cm}}$

8.
a. $7 + 10 = \underline{\hspace{2cm}}$

b. $8 + 4 = \underline{\hspace{2cm}}$

c. $9 + 6 = \underline{\hspace{2cm}}$

9.



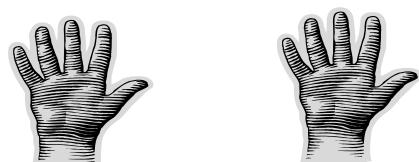
10. Bala iminwe bese ugcwalisa timphendvulo takho.

a.



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

b.



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

11.

a. $4 + 1 + 2 =$ _____

b. $2 + 0 + 9 =$ _____

c. $1 + 5 + 6 =$ _____

12.

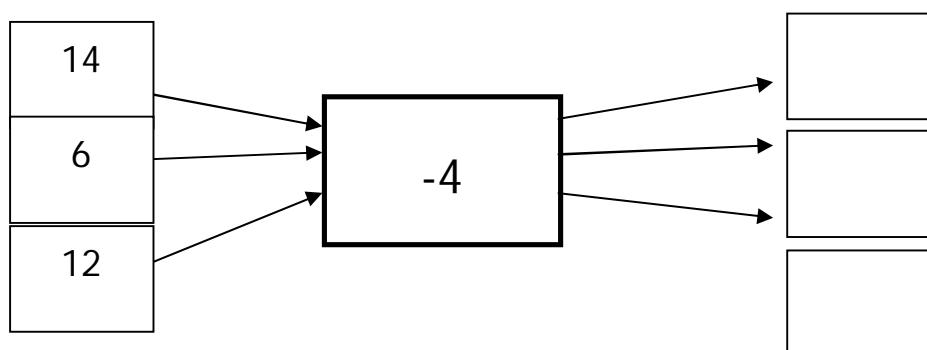
a. $7 - 2 =$

b. $13 - 3 =$

c. $8 - 8 =$

d. $15 - 1 =$

13.



14.

a. $10 - \underline{\quad} = 7$

b. $8 - 3 = \underline{\quad}$

c. $\underline{\quad} - 2 = 13$

15. Phasile udla emakukisi la-3 ekuseni, adle emakukisi la-3 emini kutsi nakuphuma sikolo adle la-3. Mangaki emakukisi lawadlako ngelilanga?

16. **Cedzela lokulandzelako.**

Sibonelo :

a. $OO + OO + OO = OOOOOO$

$2 + 2 + 2 = 6$

b. $OOO + OOO + OOO = \underline{\quad}$

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

c. $OOOO + OOOO + OOOO = \underline{\quad}$

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

17. Dvweba tincumbi letimbili tetindilinga letilinganako kuloku Lokulandzelako.

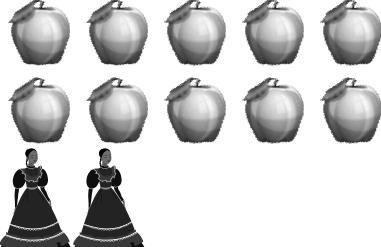
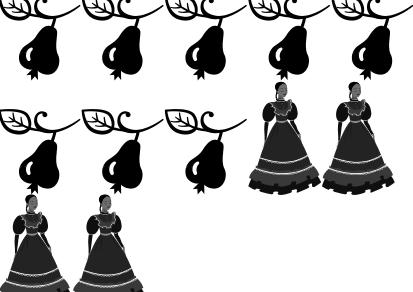
a. 000000	<input type="checkbox"/> 000	<input type="checkbox"/>
b. 0000		
c. 0000 0000		
d. 00000 00000		

18. Tingaki tincumbi temabhaluni lahamba
ngamatsatfu kulesitfombe?



_____ emagcogco a-3.

**19. Buka sit fombe bese waba lokudliwako ngalokulingana linani
lemant fombatane. Bhala kutsi munye utawut fola lokungaki.**

	<p>a. munye utfola____ema-apula.</p>
	<p>b. munye utfola____emaswidi.</p>
	<p>c. munye utfola____ema-ayisikhilimu.</p>
	<p>d. oyedwa uthola_____amapheya.</p>

20. Yabela bant fwana la-2 ema-apula la-11 ngalokulinganako.



a. Utfola lamangaki ema-apula umnt fwana ngamunye?

_____ .

b. Mangaki ema-apula lasele? _____ .

I mali

1. Cedzela lokulandzelako.

	Ngitsenga		I mali lengiyisebentisile
a.	 10c	 5c	
b.	 R5	 R2	
c.	 30c	 50c	
d.	 R10	 R6	

2. Peggy utsenge libhuku nge-R3 nemakhilayoni nge-R9. Malini intj intj i layit folile nakabhadala nge-R20 yeliphepha lehlangene?

3. Bhala samba semali salokulandzelako.

a. R 5 + R 4 = _____

b. 20c + 15c = _____

4. Tingaki tinhlavu te-5c letenta 20c?



Tinhlavu le_____.

5. Inkukhu yinye ibita R4. Tingabita malini tinkukhu le-4?

Emaphethini, Emafangishini ne-Alj ebhra

1. Dvweba babunj wa noma tint fo le -2 emgceni ngamunye.

a. $1111 = 1111$ _____

b.  _____

c.  _____

Sikhala nabobunj wa

**1. Buka tit fombe letingentasi. Biyela ngendilinga tint fo
letingagicika. Faka lumphawu "X" ngetulu kwetint fo letishelelako.**

a. Ingilazi



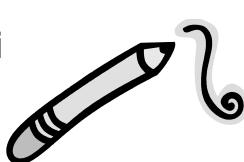
b. Liwolintji



c. Libhuku



d. I peniseli



2. Phendvula imibuto lelandzelako usebentisa emagama "Yebo" nobe "Cha"



ingagicika? _____



ingagicika? _____



ingashelela? _____



ingashelela? _____

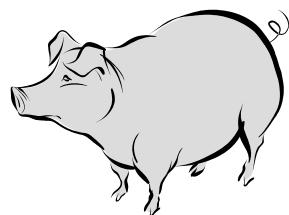
3. Sebentisa emagama "phambi" noma "ngemuva" kucedzela umusho ngamunye.



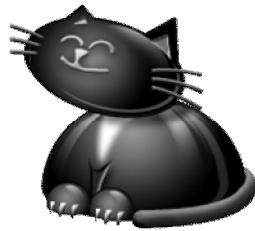
a. Lilanga li _____ kwendlu.

b. Imoto i _____ kwendlu.

4 . Ngusiphi silwane lesingakusekudla semcibisholo?



Ingulube

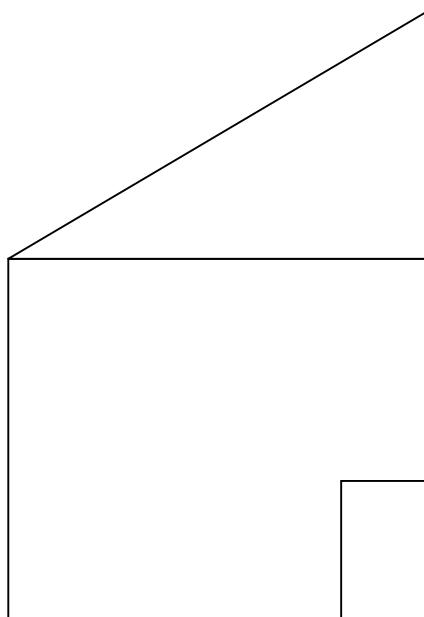


Umcibisholo

Likati

_____ ingasekudla kwemcibisholo.

5 . Dvweba lenye incenye yalesit fombe kute sikhombise isimethri.

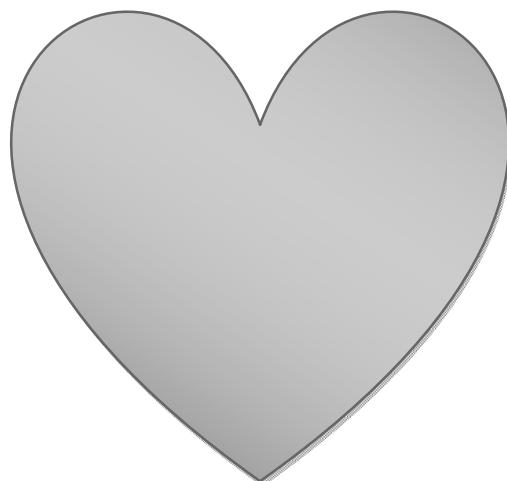


6. Siyayikhombisa yini isimethri lesit fombe? Biyela ngendilinga ligama lelinemphendvulo lokungiyo



Yebo Cha

7. Dwewba umugca wesimethri kulesit fombe.



Silinganiso

1. Buka ikhalenda bese uphendvula imibuto lelandzelako.

Inhlaba 2011

Lisont fo	Umsombuluko	Lesibili	Lesitsat fu	Lesine	Lesihlanu	Umgcibelo
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

a. Belibalele emalanga la _____ ngeNhlaba 2011.

b. Belina emalanga la _____ ngeNhlaba 2011.

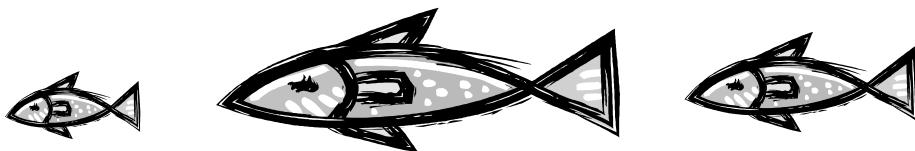
2. Hlela tint fo kuletit fombe kusukela kulendze kuya kulemfisha ngekubhala 1, 2, 3, 4 ngaphasi kwent fo ngayinye.



Intsambo yekuzuba makhalekhikhini sicat fulo indvuku yekhilikithi

a. _____ b. _____ c. _____ d. _____

3. Biyela ngendilinga sit fombe senhlanti lendze kakhulu.



4. Dwwebela ligama lelinemphendvulo lokungiyo. Ngukuphi lokudze kakhulu?

a. Irula noma lutsi lwemetj iso?

b. Ikhrayoni noma libhuku lakho?

Kusebenta ngeDatha

1. 1111 usho 4, ~~11111~~ usho 5, na ~~11111~~ 11 usho 7.

Dvweba emamaki eThali aletinombolo letilandzelako .

a. 3

b. 10

c. 6

d. 12

2. Buka igrafutit fombe bese uphendvula imibuto lelandzelako.

Siboniso: usho 1 umfundz😊

Tilwane letifuywe bafundzi

Linani lebafundzi				
	Inja	Likati	Inhlanti	Inyoni

a. Bangaki bafundzi labanetinhlanti?

_____.

b. Banyenti ngabangaki bafundzi labanemakati kuna labo labanetinj a?

_____.

c. Bangaki bafundzi sebabonkhe lababutwa?

_____.

