



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

IIMVAVANYO ZONYAKA NONYAKA KUZWELONKE

IBANGA 1

IMATHEMATIKA-ISIXHOSA

ULUHLU 3: UMZEKELISO 2012



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Basic Education
REPUBLIC OF SOUTH AFRICA





IIMVAVANYO ZONYAKA NONYAKA KUZWELONKE 2012

IBANGA 1 MATHEMATIKA ULUHLU: 3

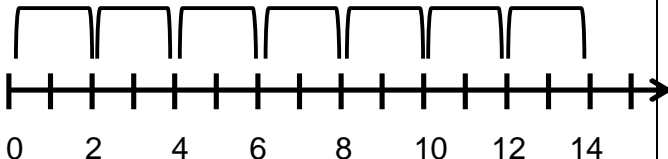
IMEMORANDUM

Amanani, ukubala nolwalamano			
Imibuzo	Iimpendulo ezilindelekileyo	Amanqaku	ewonke
1.	13	1	1
2.	17	1	1
3.	16	1	1
4.	11	1	1
5.	16	1	1
6.	9 11 15	1 1 1	3
7.	15 16 17	1 1 1	3
8.	15 13	1 1	2
9.	9 8 7	1 1 1	3
10.	zintlanu – 5 zilishumi – 10 zilithoba – 9 zimbini - 2	1 1 1 1	4
11.	a. 6 b. 4 c. 10 d. 8	1 1 1 1	4

12.	19 -19 55 – 55 73 - 73	1 1 1	3
13.	a. 5 b. 8 c. 6 d. 2	1 1 1 1	4
14.	a. zimbini b. 9 c. 3 d. zisixhenxe	1 1 1 1	4
15.	a. inye b. zine c. zisibhozo d. zilishumi e. zintlanu	1 1 1 1 1	5
16.	7 - zisixhenxe 1 - inye 3 - zintathu 9 - zilithoba 2 - zimbini	1 1 1 1 1	5
17.	10; 11; 12; 13; 14	1	1
18.	8; 7; 6; 5; 4	1	1
19.	2; 3; 4; 5; 6	1	1
20.	a. unawona maninzi b. maninzi c. unawona ambalwa	1 1 1	3
21.	a. imoto b. inkomo c. indoda	1 1 1	3
22.	a. Indawo yokuqala	1	2





	b. indawo yesine	1	
23.	a. a b. b c. r	1 1 1	3
24.	9 11 12 13	1 1 1 1	4
25.	6 8	1 1	2
26.	a. indawo ye10  b. Indawo ye 11  c. Indawo ye13  d. Indawo ye 15 	1 1 1 1	4

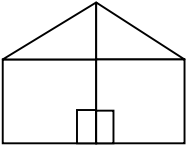

Ixabiso lendawo			
Imibuzo	limpendulo ezilindelekileyo	amanqaku	Ewonke
1.	a. $12 = 1$ amashumi + 2 imivo b. $15 = 1$ amashumi + 5 imivo	1 1	2
2.	a. 13 b. 11	1 1	2

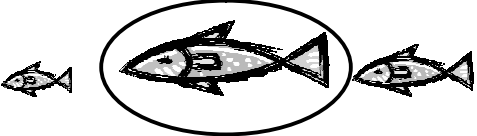
Ukusebenza ngamanani			
Imibuzo	limpendulo ezilindelekileyo	Amanqaku	Ewonke
1.	Phinda u 4 = 8 Phinda u 7 = 14	1 1	2
2.	a. 10 b. 12 c. 4	1 1 1	3
3.	a. Ziloshumi b. zimbini c. Lishumi elinesibini d. Zintandathu	1 1 1	3
4.	a. 4 b. 6 c. 1	1 1 1	3
5.	b. 7 c. 3 d. 5	1 1 1	3
6.		1	1
7.	a. 7 b. 11 c. 6	1 1 1	3
8.	a. 17 b. 12 c. 15	1 1 1	3
9.	10 - 5 8 - 3 7 - 2 5 - 0	1 1 1 1	4

10.	a. 15 b. 10	1 1	2								
11.	a. 7 b. 11 c. 12	1 1 1	3								
12.	a. 5 b. 10 c. 0 d. 14	1 1 1 1	4								
13.	14 – 10 6 – 2 12 - 8	1 1 1	3								
14.	a. 3 b. 5 c. 15	1 1 1	3								
15.	b. 000 000 000 3 + 3 + 3 = 9 c. 0000 0000 0000 4 + 4 + 4 = 12	1 1	2								
16.	a. <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>000</td><td>000</td></tr></table> b. <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>00</td><td>00</td></tr></table> c. <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>0000</td><td>0000</td></tr></table> d. <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>00000</td><td>00000</td></tr></table>	000	000	00	00	0000	0000	00000	00000	1 1 1 1	4
000	000										
00	00										
0000	0000										
00000	00000										
17.	4 amaçela	1	1								
18.	a. 5	1	4								

	b. 2	1	
	c. 7	1	
	d. 2	1	
19.	a. 5	1	2
	b. 1	1	

Imali			
Imibuzo	limpendulo ezilindelekileyo	Amanqaku	Ewonke
1.	a. 15c b. R7 c. 80c d. R16	1 1 1 1	4
2.	R12 Itshintshi R8	1 1	2
3.	a. R 9 b. 35c	1 1	2
4.	4 iingqekembe	1	1
5.	$R4 + R4 + R4 + R4 = R16$	1	1
lipatheni, Imisebenzi neAljibra			
Imibuzo	limpendulo ezifanelekileyo	Amanqaku	Ewonke
1.	a. = IIII b.   c.  	1 1 1	3

Isithuba nesimo			
Imibuzo	Iimpendulo ezilindelekileyo	Amanqaku	Ewonke
1.	a. X b. O c. X d. O	1 1 1 1	4
2.	a. Hayi b. Ewe c. Ewe d. Ewe	1 1 1 1	4
3.	a. Emva b. Phambi	1 1	2
4.	ikati	1	1
5.		1	1
6.	ewe	1	1
7.		1	1

Umlinganiselo			
Imibuzo	Iimpendulo ezilindelekileyo	Amanqaku	Ewonke
1.	a. 5 b. 12	1 1	2
2.	a. 1 b. 4 c. 3 d. 2	1 1 1 1	4
3.	 Biyela intlanzi ephakathi	1	1
4.	a. irula b. incwadi	1 1	2

Ukusebenza ngolwazi			
imibuzo	Iimpendulo ezilindelekileyo	Amanqaku	Ewonke
1.	a. 1 1 1 b. 1111 1 1111 1 1 c. 1111 1 1 d. 1111 1 1111 1 1 11	1 1 1 1	4
2.	a. 2 b. 4 c. $4 + 8 + 2 + 5 = 19$	1 1 2	5

