



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

IIMVAVANYO ZONYAKA NONYAKA KUZWELONKE

IBANGA 3

IMATHEMATIKA-ISIXHOSA





ULUHLU 1:2012 IPHEPHA ELINGUMZEKELO

IMEMORANDAM

AMANANI,II-OPAREYSHINI NOLWALAMANO

UMBUZO		IMPENDULO ELINDELEKILEYO	AMA-NQAKU
1	a.	Naliphi inani eliphakathi kwama- 25 nama– 50	1
	b.	44	1
	c.	Amaqela a-11	1
	d.	liphegizi ezingama-22	1
	e.	Elona nani – Inani elithelekelelweyo = Okanye Inani elithelekelelweyo –Elona nani=	1
	f.	Elona nani- Inani elithelekelelweyo Okanye Inani elithelekelelweyo – Elona nani Elona nani + Inani elithelekelelweyo Okanye Inani elithelekelelweyo+ Elona nani	1
	g.	44	1
2	a.	600, 500, 400 , 300, 200 , 100	1
	b.	4, 8, 12, 16 , 20 , 24, 28	1
3	a.	128 , 130 , 132 , 134	1
	b.	170 , 180 , 190 , 200	1
	c.	3 , 6 , 9 , 12 or 15 , 12 , 9 , 3	1
4	a.	173, 172, 171, 170 , 169 , 168, 167, 166	1
	b.	195, 190, 185 , 180 , 175, 170 , 165	1

UMBUZO		IMPENDULO ELINDELEKILEYO									AMA-NQAKU
5		Umga ngatho 3	114	115	116	117	118	119	120	121	1
		Umga ngatho 2	106	107	108	109	110	111	112	113	1
		Umga ngatho 1	99	100	101	Isang o lokun gena	102	103	104	105	1
	a.	111									1
	b.	103									1
	c.	121									1
	d.	113									1
e.	106									1	
f.	100									1	
6	23 , 25 , 27 , 29 , 31 Bala ngono- 2									1 1	
7	Ikhulu elinamashumi amathandathu anesibhozo									1	

UMBUZO	IMPENDULO ELINDELEKILEYO	AMA-NQAKU	
8	   	<p>Amakhulu amabini</p> <p>Amashumi amathandathu anesixhenxe</p> <p>khulu elinamashumi amathathu anesine</p> <p>Ikhulu elinamashumi amane anesihlanu</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p>

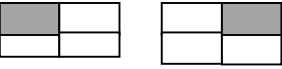
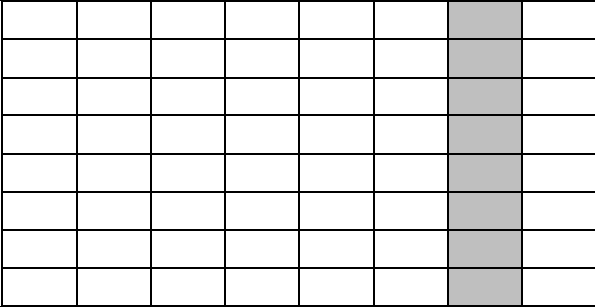
UMBUZO		IMPENDULO ELINDELEKILEYO	AMA-NQAKU
9	a.	199	1
	b.	78	1
10	a.	32	1
	b.	Amashumi amathathu anesibini	1
11	a.	87	1
	b.	89	1
	c.	89	1
12		<	1
13		Hayi	1
14	a.	Asiyonyani	1
	b.	Yinyani.	1
	c.	Yinyani.	1
15		9 , 13 , 35 , 70 , 99	1
16		C	1
17		Ewe	1
18	a.	Amashumi	1
	b.	Imivo	1
19	a.	60	1
	b.	9	1
20	a.	60+1	1
	b.	50+0	1
21		A	1

22		60	1												
23	a.	189	1												
	b.	200	1												
	c.	173	1												
24	a.	$100+30+6$	1												
	b.	$30+6$	1												
25		<table border="1"> <tr> <td>Inani liphindwe kabini.</td> <td>Inani</td> <td>Inani lahlulwe kabini ngokulingana yo.</td> </tr> <tr> <td>84</td> <td>42</td> <td>21</td> </tr> <tr> <td>74</td> <td>37</td> <td>18 elinecala</td> </tr> <tr> <td>68</td> <td>34</td> <td>17</td> </tr> </table>	Inani liphindwe kabini.	Inani	Inani lahlulwe kabini ngokulingana yo.	84	42	21	74	37	18 elinecala	68	34	17	6
Inani liphindwe kabini.	Inani	Inani lahlulwe kabini ngokulingana yo.													
84	42	21													
74	37	18 elinecala													
68	34	17													
26			1												
27	a.		1												
	b.	56	1												
	c.	14	1												


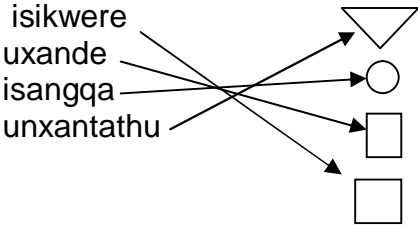
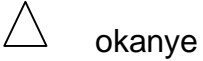
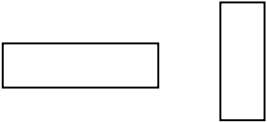
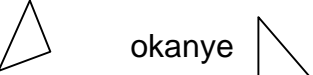
UMBUZO	IMPENDULO ELINDELEKILEYO	AMA-NQAKU
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28	D	1
29	99 ngokudibanisa,ngokuqhekeza inani okanye ngokugcwalisa ngamashumi. Inqaku eli-1 ngokubala, eli- 1 ngempendulo	2
30	84 Ngokubala ubuya umva, ngokuqhekeza inani okanye ngokugcwalisa ngamashumibreaking .inqaku eli-1 ngokubala ,eli-1 ngempendulo	2
31	67+56+45=168 ubala emgceni ukhweza. Amanqaku ama-2 ngokubala ,eli-1 ngempendulo	3
32	100 ngokudibanisa uphindaphinda. Inqaku eli- 1 ngokubala,eli - 1 ngempendulo	2
33	28 ngokusebenzisa neyiphi indlela yokubala emgceni ukhweza. Inqaku eli-1 ngokubala,eli-1 ngempendulo	2
34	R30 ngokudibanisa uphindaphinda. Inqaku eli-1 ngokubala ,eli-1 ngempendulo	2
35	30 ngokuthabatha uphindaphinda okanye usahlula/uhlela. Inqaku eli-1 ngokubala ,eli- 1 ngempendulo.	2
36	6 ngokuthabatha uphindaphinda okanye usahlula/uhlela. Inqaku eli-1 ngokubala,eli- 1 ngempendulo.	2
37	a. R10 Luhlaza okwengca R20 Mdaka R50 Pinki R100 Luhlaza okwesibhaka-bhaka R200 Orenji. Inqaku eli-1 ngegama ngalinye	5
	b. 2	1
	c. 85c	1
38	a. R45 ngokuqhekeza . Inqaku eli-1 ngokubala ,eli- 1 ngempendulo.	2
	b. R34+R34= R68 or R34x2=R68 Inqaku eli-1 ngokubala ,eli- 1 ngempendulo	2
	c. 50c+20c+20c+20c+20c=130c/R1,30 eshiyekileyo = 130c – 95c = 35c	4

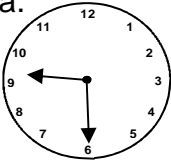
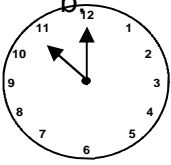
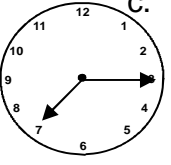
IIPATENI ,ISIPHUMO SENTSEBENZISWANO YAMANANI

UMBUZO		IMPENDULO ELINDELEKILEYO	AMA-NQAKU
1		 <p>Faka umbala kwibhokisi e- 1 ubuncinane Inqaku eli- 1ngokufaka umbala,eli - 1 ngokuchaza</p>	2
2			1
3		Inqaku eli-1 ngeemilo ezifanelekileyo Inqaku eli-1 ngokulandelelanisa kakuhle	2
4		90 ; 100 ; 110	1
5		lipitsa ezi-2 – amaqhekeza ali-10 lipitsa ezi-4 –amaqhekeza angama- 20 lipitsa ezi-10–amaqhekeza angama-50	1
6	a.	406 ; 404 ; 402 ; 400.	1
	b.	132 ; 135 ; 138 ; 141.	1

ISITHUBA NEMILO

UMBUZO	IMPENDULO ELINDELEKILEYO	AMA-NQAKU
1		3
2	<p>isikwere</p> <p>uxande</p> <p>isangqa</p> <p>unxantathu</p> 	4
3	<p>a. uxande</p> <p>c. unxantathu</p> <p>b. isangqa</p> <p>d. isikwere</p>	4
4	<p>a.</p>  <p>okanye</p>  <p>b.</p>  <p>okanye</p>	2
5	<p>a. 3</p> <p>b. 2</p> <p>c. 4</p> <p>d. 1</p>	4
6	<p>a. Oonxantathu-luhlaza okwengca</p> <p>b. Izikwere-bomvu</p> <p>c. lingxande-luhlaza okwesibhakabhaka</p> <p>d. Izangqa-tyheli</p>	4

UMLINGANISELO

UMBUZO		IMPENDULO ELINDELEKILEYO	AMA-NQAKU
1	a.	29	1
	b.	Lwesithathu	1
	c.	4	1
	d.	Lwesithathu	1
	e.	4	1
	f.	3	1
	g.	17	1
	h.	29	1
2	a.	Yintsimbi ye-10 entloko	1
	b.	Licala emva kwentsimbi ye-4.	1
	c.	Umkhono emva kwentsimbi ye-11.	1
3	a.	06:15 Ngumkhono emva kwentsimbi ye-6.	1
	b.	04:00 kunye nentsimbi yesine entloko	1
	c.	12:30 kunye necala emva kwentsimbi ye-12	1
4		<p>a.  b.  c. </p>	3
5		ama-30 emizuzu	1
6		5 , 10 , 15 , 20 , 25 , 30 , 35 , 40 , 45 , 50 , 55 ,60	1
7	a.	8	1
	b.	20	1
	c.	10	1
	d.	3	1
8		5ml , 250ml , 500ml , 2l , 5l	1
9	a.	5	1
	b.	2	1
10	a.	Ewe	1
	b.	Hayi	1
	c.	Hayi	1
	d.	Ewe	1

INDLELA YOKUSEBENZA NGOLWAZI OLUQOKELELWEYO

UMBUZO	IMPENDULO ELINDELEKILEYO			AMA-NQAKU		
1				4		
		Bomvu	Luhlaza okwesibhaka-bhaka		Luhlaza okwengc a	Tyheli
	a.	58			1	
b.	Luhlaza okwesibhaka-bhaka			1		
c.	Tyheli			1		
d.	6			1		
e.	22			1		
2	Uhlobo lweziqhamo	Amanqaku alungelelanisi weyo	Abaliweyo	6		
	li-Apile	‡‡‡ III	8			
	liBhanana	‡‡‡ †‡‡ †‡‡‡ I	16			
	Amaqunube	‡‡‡ †‡‡ †‡‡‡	15			