



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

UKUHLOLA KUKAZWELONKE KONYAKA

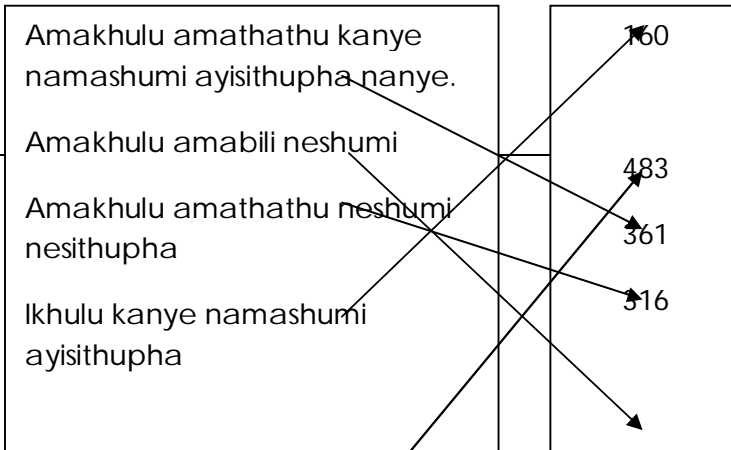
NONYAKA 2012

IBANGA 3

IMETHAMETHIKISI ISIZULU

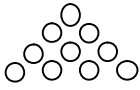



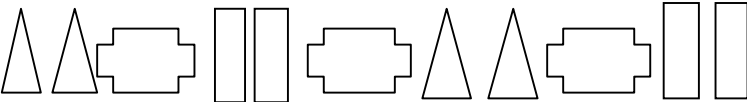
IQOQO 3: IMEMORANDUM

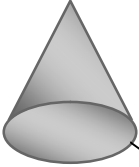

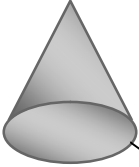

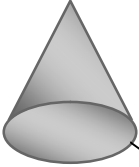

Imibuzo		Izimpendulo ezilindelekile	Amamaki	Isamba samama
1.	a	550, 750, 850	1	3
	b	499,496, 495	1	
	c	248, 256, 260	1	
2.	a	100, 150, 200, 250, 350, 450, 500, 550, 600, 650, 700, 750	2	10
	b	123, 132, 135, 138, 144, 147, 150, 153, 156, 159, 162	2	
	c	496, 494, 492, 490, 486, 484, 482, 480, 476, 474, 470	2	
	d	210, 215, 220, 230, 235, 240, 245, 255, 265, 270, 275	2	
	e	313, 311, 308, 307, 306, 304, 303, 302, 301, 300	2	
3.		✓ ✓ ✓	1	4
		+25, +25, 275, +25, 300, +25, 325,	1	
		+25,	1	
		✓ 350, +25	1	
4.	150	1	1	
5.	a	6	1	2
	b	24	1	
6.	a	Amakhulu amane namashumi ayisikhombisa nantathu		2
	b	Amakhulu amabili nane		
7.	a	269		2
	b	Amakhulu amabili namashumi ayisithupha nesishiyagalolunye		
8.		Amakhulu ayisikhombisa namashumi ayisishiyagalombili	1	1
9.	Amakhulu amathathu kanye namashumi ayisithupha nanye.		1	
	Amakhulu amabili neshumi		1	
	Amakhulu amathathu neshumi nesithupha			
	Ikhulu kanye namashumi ayisithupha			

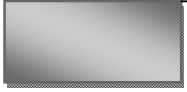
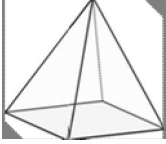


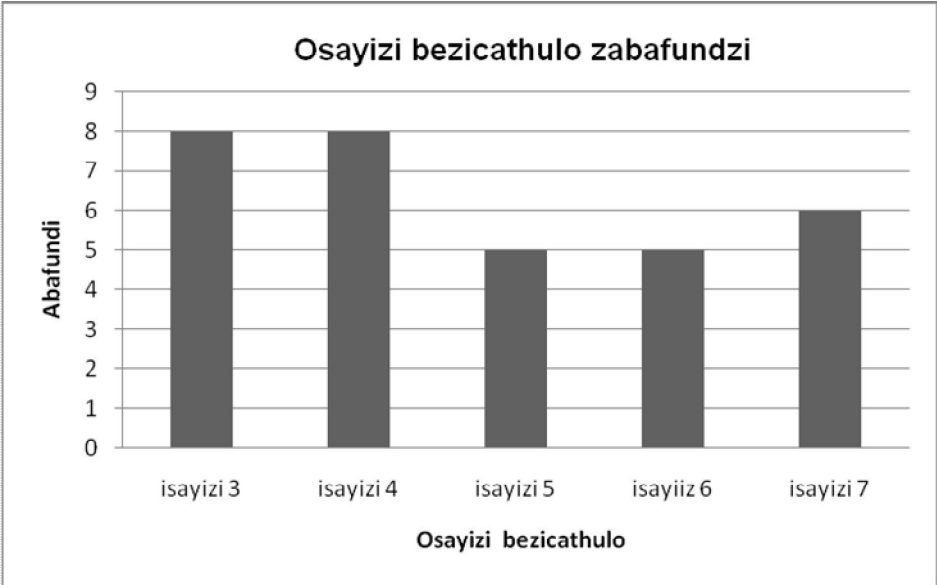
			1	
			1	5
			1	
10.	2, 6, 13, 28, 31		1	1
11.	Lesine		1	1
12.	a <		1	3
	b >		1	
	c <		1	
13.	B		1	1
14.	a 167, 276, 366, 376, 613, 631		1	2
	b 247, 422, 442, 472, 727, 742		1	
15.	a 670 noma 600 + 70		1	2
	b 7		1	
16.	a Amashumi		1	2
	b Imivo		1	
17.	Iqiniso		1	1
18.	B		1	1
19.	500 + 70 + 3 noma		1	2
	570 + 3 noma 500 + 73		1	
	Noma iyiphi enye indlela efanele			
20.	a 2 + 9 + 8		1	2
	b Amakhulu + amashumi + imivo		1	
21.			1	4
			1	
			1	
			1	

22.		317	1	1																
23.		<table border="1"> <thead> <tr> <th></th> <th>Inamba iphindiwe</th> <th>Inamba</th> <th>Inamba ihhafuliwe</th> </tr> </thead> <tbody> <tr> <td>a</td> <td>300</td> <td>150</td> <td>75</td> </tr> <tr> <td>b</td> <td>168</td> <td>84</td> <td>42</td> </tr> <tr> <td>c</td> <td>42</td> <td>21</td> <td>10 + uhhafu</td> </tr> </tbody> </table>		Inamba iphindiwe	Inamba	Inamba ihhafuliwe	a	300	150	75	b	168	84	42	c	42	21	10 + uhhafu	1 1 1 1 1	6
	Inamba iphindiwe	Inamba	Inamba ihhafuliwe																	
a	300	150	75																	
b	168	84	42																	
c	42	21	10 + uhhafu																	
24.			1	1																
25.	a	60	1	2																
	b	130	1																	
26.		<p style="text-align: center;">✓ ✓</p> <p>Inamba yezivalo zamabhodlela = $619 + 125 = 744$ Vuma noma eyiphi enye indlela efanele.</p>	2	2																
27.		<p style="text-align: center;">✓ ✓</p> <p>Inamba yezitembu = $23 \times 4 = 92$ or $23 + 23 + 23 + 23 = 92$. Vuma noma eyiphi enye indlela efanele.</p>	2	2																
28.		<p style="text-align: center;">✓ ✓</p> <p>Inamba yamakhekhe = $45 \div 4 = 11$ kanye nekota / 11 kusale 1. Vuma noma eyiphi enye indlela efanele.</p>	2	2																
29.		<p style="text-align: center;">✓ ✓</p> <p>Inamba yezimabhula = $68 \div 2 = 34$ Vuma noma eyiphi enye indlela efanele .</p>	2	2																
30.		<p style="text-align: center;">✓ ✓</p> <p>Inamba yamaswidi = $35 \div 3 = 11$ kusale 2 Vuma noma eyiphi enye indlela efanele .</p>	2	2																
31.		<p style="text-align: center;">✓ ✓</p> <p>Inani lezimabhuli = $125 - 82 = 43$ Vuma noma eyiphi enye indlela efanele .</p>	2	2																
32.		<p style="text-align: center;">✓ ✓</p> <p>Inamba yezimoto = $21 \times 5 = 105$ noma $21 + 21$ $+ 21 + 21 + 21 = 105$ Vuma noma eyiphi enye indlela efanele.</p>	2	2																
33.	a	R1,30	1																	
	b	<p style="text-align: center;">✓</p> <p>Imali esetshenzisiwe = $R3,50 + R3,50 + R2,20 + R3,00 + R7,40 =$</p>																		

		R19,60✓ Vuma noma eyiphi enye indlela efanele.	2	9
	c	$\begin{array}{ccccccc} & & \checkmark & & & & \checkmark \\ & & & & & & \\ \text{Inani} & = & R15 & + & R15 & + & R3,50 & + & R3,50 & + & R4,40 & = & R41,40 \\ & & & & \checkmark & & \checkmark & & & & & & \\ \text{Ushintshi} & = & R50 & - & R41,40 & = & R8,60 \end{array}$	4	
	d	$R60 \div R15 = 4 \quad \text{or} \quad R60 - R15 - R15 - R15 - R15 = 0$	2	
34.	a	R7,63	1	6
	b	R2,07	1	
	c	R5,79	1	
	d	263 ^c	1	
	e	615 ^c	1	
	f	425 ^c	1	
1.		Amaphethini, ukuxhumana bezinamba kanye ne- Aljebra		4
	a		1	
	b		1	
	c		1	
	d		1	
2.		 <p>Vuma noma eyiphi enye iphethini efanele.</p>	1	1
3.	a	529, 530, 531	1	4
		Ukubala ngemivo	1	
	b	732, 730, 728	1	
		Ukubala ngaku- 2	1	

4.			1													
		<table border="1"> <tr> <td>Inamba yamakhreyithii</td> <td></td> <td></td> <td></td> <td>5</td> <td></td> </tr> <tr> <td>Inamba yamakani</td> <td></td> <td>75</td> <td></td> <td></td> <td>150</td> </tr> </table>	Inamba yamakhreyithii				5		Inamba yamakani		75			150	1	3
Inamba yamakhreyithii				5												
Inamba yamakani		75			150											
5.	a	340, 350, 360	1													
		Ukubala ngama-10 Vuma noma eyiphi enye iphethini efanele.	1	4												
	b	503, 502, 501	1													
		Ukubala uye emuva ngemivo – Vuma noma eyiphi enye iphethini efanele.	1													
		Indawo nesimo														
1.		C	1	1												
2.		B kanye no-C	2	2												
3.	a	Iphiramidi enesinqe esingunxantathu	1													
	b	4	1	2												
4.		<table border="1"> <tr> <td></td> <td>Iphiramidi enesinqe esiyiskwele</td> </tr> <tr> <td></td> <td>Ikhoni</td> </tr> <tr> <td></td> <td></td> </tr> </table>		Iphiramidi enesinqe esiyiskwele		Ikhoni			1							
	Iphiramidi enesinqe esiyiskwele															
	Ikhoni															
			1	4												
			1													

			Iphrizimu engunxande		
			Isilinda		1
Isilinganiso					
1.	a	Isentimitha, cm		1	2
	b	Imitha, m		1	
2.	a	Epreli, Juni, Septhemba, Novemba		2	7
	b	365		1	
	c	4		1	
	d	52		1	
	e	12		1	
	f	45 (1 Meyi – 16 Juni)		1	
3.	a	Isonto		1	4
	b	uLwesithathu		1	
	c	uLwesibili		1	
	d	uMgqibelo		1	
4.	6		1	1	
5.	nokokuthathu		1	1	
6.	Imizuzu eyishumi ngemuva noma imizuzu engama-50 ngaphambi		1	1	
7.					
		Isayidi	ukuqagela	Isikalo sangempela	
	a	AB		6cm	1
	b	BC		3cm	1
	c	DC		6cm	1
	d	AD		3cm	1
	e	PQ		3cm	1
	f	PR		5cm	1
	g	QR		4cm	1
Vuma noma eyiphi enye impendulo efanele.					

8.	a	18 cm	1	2										
	b	12 cm	1											
1.	Ukuqokelelwa kolwazi lezibalo Inamba yabafundi = 8, 8, 5, 5, 6		1	8										
 <p style="text-align: center;">Osayizi bezicathulo zabafundzi</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Osayizi bezicathulo</th> <th>Abafundi</th> </tr> </thead> <tbody> <tr> <td>isayizi 3</td> <td>8</td> </tr> <tr> <td>isayizi 4</td> <td>8</td> </tr> <tr> <td>isayizi 5</td> <td>5</td> </tr> <tr> <td>isayizi 6</td> <td>5</td> </tr> <tr> <td>isayizi 7</td> <td>6</td> </tr> </tbody> </table>					Osayizi bezicathulo	Abafundi	isayizi 3	8	isayizi 4	8	isayizi 5	5	isayizi 6	5
Osayizi bezicathulo	Abafundi													
isayizi 3	8													
isayizi 4	8													
isayizi 5	5													
isayizi 6	5													
isayizi 7	6													
Vuma noma iyiphi ibhagaphu efanele														
2.	a	25	1	5										
	b	5	1											
	c	Ibhola lomnqakiswa	1											
	d	Ikhilikithi	1											
	e	Unobhutshuzwayo/ibhola lezinyawo, ukubhukuda	1											
3.	a	20	1	4										
	b	uLwesihlanu	1											
	c	55	1											
	d	15	1											