



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

LUHLOLO LWEMNYAKA LWAVELONKHE

LIBANGA 3

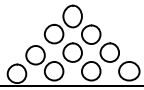

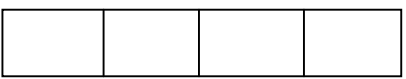

TIBALO

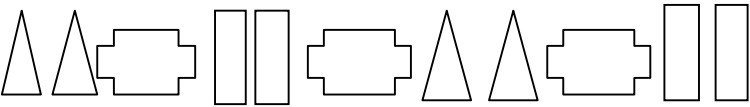
ISETHI 3: IMEMO YESIBONELO 2012

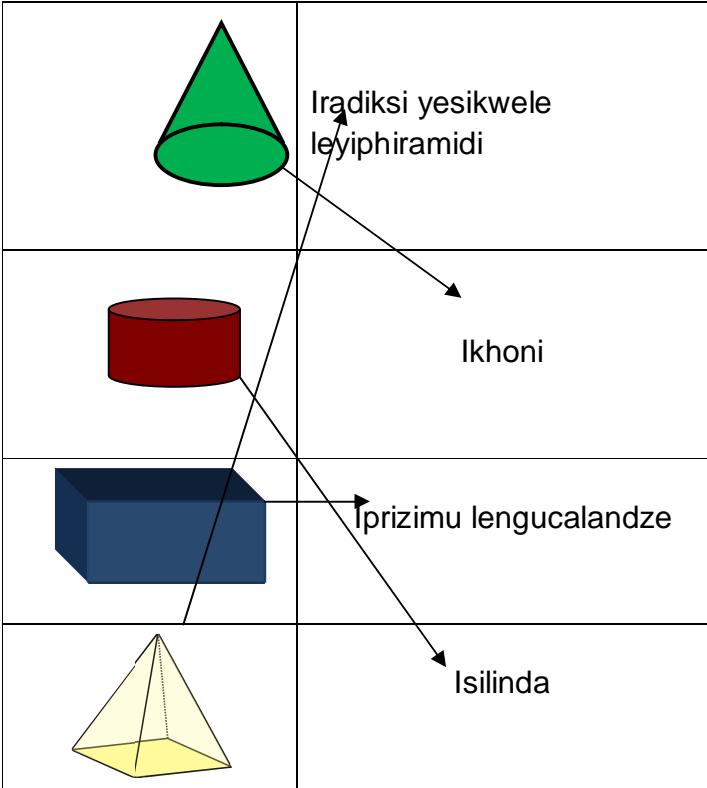
Imibuto		Timphendvulo letilindzelekile	Mamaki	Mamaki sekawonk
1.	a	550, 750, 850	1	3
	b	499,496, 495	1	
	c	248, 256, 260	1	
2.	a	100, 150, 200, 250, 350, 450, 500, 550, 600, 650, 700, 750	2	10
	b	123, 132, 135, 138, 144, 147, 150, 153, 156, 159, 162	2	
	c	496, 494, 492, 490, 486, 484, 482, 480, 476, 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.		<div style="text-align: center;"> ✓ ✓ ✓ </div> +25, +25, 275, +25, 300, +25, 325, +25, <div style="text-align: center;"> ✓ </div> 350, +25	1 1 1 1	4
4.		150	1	1
5.	a	6	1	2
	b	24	1	
6.	a	emakhulu lamane nemashumi lasikhombisa/layinkhotsa nakutsatfu		2
	b	emakhulu lamabili nakune		
7.	a	269		2
	b	emakhulu lamabili nemashumi lasitfupha nemfica		
8.		emakhulu lasikhombisa nemashumi lasiphohlongo	1	1

9.	<div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 5px; width: 45%;"> <p>Emakhulu lamatsatfu nemashumi lasitfupha nakunye</p> <p>Emakhulu lamabili nelishumi</p> <p>Emakhulu lamatsatfu nelishumi nesitfupha</p> <p>Likhulu nemashumi lasitfupha</p> <p>Emakhulu lamane nemashumi lasiphohlongo nakutsatfu</p> </div> <div style="border: 1px solid black; padding: 5px; width: 20%; text-align: center;"> <p>160</p> <p>483</p> <p>361</p> <p>316</p> <p>210</p> </div> </div>	1	
		1	
		1	
		1	5
		1	
10.	2, 6, 13, 28, 31	1	1
11.	wesine	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 nobe 600 + 70	1	2
	b 7	1	
16.	a Emashumi lasikhombisa/layinkhotsa nobe 70	1	2
	b Imivo lesikhombisa/leyinkhotsa nobe 7	1	
17.	Liciniso	1	1
18.	b	1	1
19.	500 + 70 + 3 noma	1	2
	570 + 3 noma 500 + 73	1	
	Noma nguyiphi indlela yemukelekile		
20.	a 2 emakhulu + 9 emashumi + 8 imivo	1	2
	b 3 emakhulu + 1 lishumi + 0 imivo	1	

21.		1 1 1 1	4																
22.	317	1	1																
23.	<table border="1"> <thead> <tr> <th></th> <th>Inombolo lephindvwe kabili</th> <th>Inombolo</th> <th>Inombolo lehahfuliwe</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 + 1 nehhafu</td> </tr> </tbody> </table>		Inombolo lephindvwe kabili	Inombolo	Inombolo lehahfuliwe	a	300	150	75	b	168	84	42	c	42	21	10 + 1 nehhafu	1 1 1 1 1	6
	Inombolo lephindvwe kabili	Inombolo	Inombolo lehahfuliwe																
a	300	150	75																
b	168	84	42																
c	42	21	10 + 1 nehhafu																
24.		1	1																
25.	a 60	1	2																
	b 130	1																	
26.	<p style="text-align: center;">✓ ✓</p> <p>Linani letivalo temabhodlela = $619 + 125 = 744$ yamukela noma nguyiphi indlela lekahle</p>	2	2																
27.	<p style="text-align: center;">✓ ✓</p> <p>Inombolo yetitembu = $23 \times 4 = 92$ or $23 + 23 + 23 + 23 = 92$ yamukelanoma nguyiphi indlela lekahle</p>	2	2																
28.	<p style="text-align: center;">✓ ✓</p> <p>Inombolo yemakokisi = $45 \div 4 = 11$ nekota yinye noma 11 kusale 1 yamukelanoma nguyiphi indlela lekahle</p>	2	2																
29.	<p style="text-align: center;">✓ ✓</p> <p>Inombolo yamamabuli = $68 \div 2 = 34$ yamukelanoma nguyiphi indlela lekahle</p>	2	2																
30.	<p style="text-align: center;">✓ ✓</p> <p>Inombolo yemaswidi = $35 \div 3 = 11$ rem 2 yamukela noma nguyiphi indlela lekahle</p>	2	2																
31.	<p style="text-align: center;">✓ ✓</p>																		

		Linani letimabuli = $125 - 82 = 43$ nguyiphi indlela lekahle	yamukelanoma	2	2
32.		✓ ✓ Inombolo yetimoto = $21 \times 5 = 105$ or $21 + 21 + 21 + 21 + 21 = 105$ Yamukela noma nguyiphi indlela lekahle		2	2
33.	a	R1,30		1	9
	b	✓ Imali lesebentile = $R3,50 + R3,50 + R2,20 + R3,00 + R7,40 = R19,60$		2	
	c	✓ ✓ Kukonkhe = $R15 + R15 + R3,50 + R3,50 + R4,40 = R41,40$ Intjintji = $R50 - R41,40 = R8,60$		4	
	d	✓ ✓ $R60 \div R15 = 4$ or $R60 - R15 - R15 - R15 - R15 = 0$		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.	a	Emaphethini, emafangishini ne-Aljebra 		1	4
	b			1	
	c			1	
	d			1	

2.		 <p>Yemukela noma nguyiphi iphethini layentile</p>	1	1														
3.	a	529, 530, 531 Bala uye phambili nga- 1	1	4														
	b	732, 730, 728 Bala uye emuva nga- 2	1															
4.		<table border="1" data-bbox="325 1025 1070 1115"> <tr> <td>Linani lemabhokisi</td> <td></td> <td></td> <td></td> <td></td> <td>5</td> <td></td> </tr> <tr> <td>Linani lemathini</td> <td></td> <td></td> <td>75</td> <td></td> <td></td> <td>150</td> </tr> </table>	Linani lemabhokisi					5		Linani lemathini			75			150	1	3
Linani lemabhokisi					5													
Linani lemathini			75			150												
			1															
5.	a	340, 350, 360 Bala uye phambili nge-10. Yemukela noma nguyiphi iphethini lelandzelana kahle.	1	4														
	b	503, 502, 501 Bala uye emuva nga -1. Yemukela noma nguyiphi iphethini lelandzelana kahle.	1															
1.		Sikhala nabobunjwa C	1	1														
2.		B na C	2	2														
3.	a	Iphiramidi lengucalantsatfu	1	2														
	b	4	1															

4.			1	4
			1	
			1	
			1	
Silinganiso				
1.	a	Emasentimitha, cm	1	2
	b	Emamitha , m	1	
2.	a	Mabasa(Apreli), Inhlaba (Juni), Inyoni (Septemba), Lweti (Novemba)	2	7
	b	365	1	
	c	4	1	
	d	52	1	
	e	12	1	
	f	45 emalanga . Kusukela mhla ka-1 Inkhwenkhweti (Meyi) kuya kumhla ti – 16 Inhlaba (Juni)	1	
3.	a	Lisontfo	1	4
	b	Lesitsatfu	1	
	c	Lesibili	1	
	d	Umgcibelo	1	

4.		6	1	1																																
5.		Kunye kulokutsafu	1	1																																
6.		sekusele emaminithi lalishumi ishaye noma sekundlule emaminithi la -50 ishayile.	1	1																																
7.		<table border="1"> <thead> <tr> <th></th> <th>Emacele</th> <th>Kucombela</th> <th>Kukala lokungiko</th> </tr> </thead> <tbody> <tr> <td>a</td> <td>AB</td> <td></td> <td>6cm</td> </tr> <tr> <td>b</td> <td>BC</td> <td></td> <td>3cm</td> </tr> <tr> <td>c</td> <td>DC</td> <td></td> <td>6cm</td> </tr> <tr> <td>d</td> <td>AD</td> <td></td> <td>3cm</td> </tr> <tr> <td>e</td> <td>PQ</td> <td></td> <td>3cm</td> </tr> <tr> <td>f</td> <td>PR</td> <td></td> <td>5cm</td> </tr> <tr> <td>g</td> <td>QR</td> <td></td> <td>4cm</td> </tr> </tbody> </table> <p>Yemukela noma ngukuphi kucombela lokusemuva noma edvute kancane nebudze lokungibo</p>		Emacele	Kucombela	Kukala lokungiko	a	AB		6cm	b	BC		3cm	c	DC		6cm	d	AD		3cm	e	PQ		3cm	f	PR		5cm	g	QR		4cm	1 1 1 1 1 1 1	7
	Emacele	Kucombela	Kukala lokungiko																																	
a	AB		6cm																																	
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f	PR		5cm																																	
g	QR		4cm																																	
8.	a	18 cm	1	2																																
	b	12 cm	1																																	
1.		<p>Kusebenta ngedatha Linani lebafundzi = 8, 8, 5, 5, 6</p> <p>Yemukela noma nguyiphi ibha-grafu lebhaleke kahle</p>		8																																
2.	a	25	1	5																																
	b	5	1																																	
	c	Libhola letandla	1																																	

	d	Ikhilikithi	1	
	e	Sokha nekubhukusha	1	
3.	a	20	1	4
	b	Lesihlanu	1	
	c	55	1	
	d	15	1	