



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

UKUHLOLWA KWELIZWE LOKE KOKUPHELA

KOMNYAKA

IGREYIDI 3

IIMBALO-ISINDEBELE

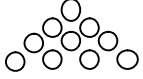


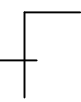
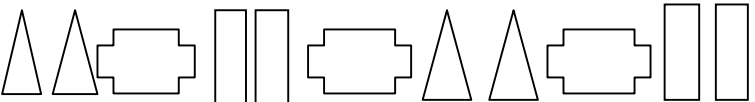
ISEDE 3: 2012 ISIBONELO

IMEMORANDAMU

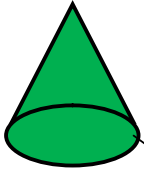
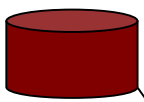

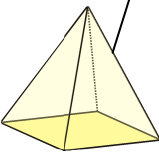
IMIBUZO		IIMPENDULO EZILINDELEKILEKO	IMITLOMELO	INANI LEMITLOMELO
1.	a	550, 750, 850	1	3
	b	499,496, 495	1	
	c	248, 256, 260	1	
2.	a	100, 150, 200, 250, 350, 450, 500, 550, 600, 650, 700, 750	2	10
	b	123, 132, 135, 138, 144, 147, 150, 153, 156, 159, 162	2	
	c	496, 494, 492, 490, 486, 484, 482, 480, 476, 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="display: flex; justify-content: space-around; margin-bottom: 5px;"> ✓ ✓ ✓ </div> +25, +25, 275, +25, 300, +25, 325, +25, ✓ 350, +25	1 1 1 1	4
4.		150	1	1
5.	a	6	1	2
	b	24	1	
6.	a	Amakhulu amane namatjumi alikhomba nantathu		2
	b	Amakhulu amabili nakune		
7.	a	269		2
	b	Amakhulu amabili namatjumi asithandathu nathoba		
8.		Amakhulu alikhomba namatjumi abunane	1	1

9.		<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; width: 300px;"> <p>Amakhulu amathathu namatjumi asithandathu nanye. 361</p> <p>Amakhulu amabili netjumi. 210</p> <p>Amakhulu amathathu namatjumi asithandathu. 316</p> <p>Ikhulu namtjumi asithandathu. 160</p> <p>Amakhulu amane namatjumi abunane nantathu. 483</p> </div> <div style="margin-left: 20px;"> </div> </div>	1 1 1 1 1	5
10.		2 nd , 6 th , 13 th , 28 th , 31 st	1	1
11.		ingakwelesine	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 nofana 600 + 70	1	2
	b	7	1	
16.	a	Amatjumi	1	2
	b	Amayunithi	1	
17.		Liqiniso	1	1
18.		b	1	1
19.		500 + 70 + 3 nofana	1	2
		570 + 3 nofana 500 + 73 Nofana ngiyiphi indlela eyamukelekako	1	
20.	a	2 + 9 + 8	1	2
	b	Amakhulu + ithjumi + amayinithi	1	

21.	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 20px;"> 316 128 411 269 </div> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="border: 1px solid black; padding: 2px;">400</div> <div style="border: 1px solid black; padding: 2px;">200</div> <div style="border: 1px solid black; padding: 2px;">10</div> <div style="border: 1px solid black; padding: 2px;">8</div> </div> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="border: 1px solid black; padding: 2px;">1</div> <div style="border: 1px solid black; padding: 2px;">60</div> <div style="border: 1px solid black; padding: 2px;">300</div> <div style="border: 1px solid black; padding: 2px;">20</div> </div> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="border: 1px solid black; padding: 2px;">10</div> <div style="border: 1px solid black; padding: 2px;">9</div> <div style="border: 1px solid black; padding: 2px;">6</div> <div style="border: 1px solid black; padding: 2px;">100</div> </div> </div>	1 1 1 1	4																
22.	317	1	1																
23.	<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th></th> <th>Inomboro ibuyelelwe</th> <th>Inomboro</th> <th>Isiquntu senomboro</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>$10 + \frac{1}{2}$</td> </tr> </tbody> </table>		Inomboro ibuyelelwe	Inomboro	Isiquntu senomboro	a	300	150	75	b	168	84	42	c	42	21	$10 + \frac{1}{2}$	1 1 1 1	6
	Inomboro ibuyelelwe	Inomboro	Isiquntu senomboro																
a	300	150	75																
b	168	84	42																
c	42	21	$10 + \frac{1}{2}$																
24.		1	1																
25.	a 60	1	2																
	b 130	1																	
26.	\checkmark \checkmark Inomboro yeemvalo zamabhodlelo = $619 + 125 = 744$ Yamukela nanyana ngiyiphi indlela elungileko	2	2																
27.	\checkmark \checkmark Inomboro yeentembu = $23 \times 4 = 92$ or $23 + 23 + 23 + 23 = 92$ Yamukela nanyana ngiyiphi indlela elungileko	2	2																
28.	\checkmark \checkmark Inomboro yamabhasikidi = $45 \div 4 = 11$ nekota nofana 11 bese kusala 1 Yamukela nanyana ngiyiphi indlela elungileko	2	2																
29.	\checkmark \checkmark Inomboro yamamabula = $68 \div 2 = 34$ Yamukela nanyana ngiyiphi indlela elungileko	2	2																
30.	\checkmark \checkmark Inomboro yamaswidi = $35 \div 3 = 11$ asalako 2 Yamukela nanyana ngiyiphi indlela elungileko	2	2																
31.	\checkmark \checkmark Amamabula kaVele $125 + 82 = 207$ Yamukela nanyana ngiyiphi indlela elungileko	2	2																

32.	✓ ✓ Inomboro yeenkoloji = $21 \times 5 = 105$ nofana $21 + 21 + 21 + 21 + 21 = 105$ Yamukela nanyana ngiyiphi indlela elungileko	2	2	
33.	a	R1,30	1	9
	b	Imali ayisebenziseko = $R3,50 + R3,50 + R2,20 + R3,00 + R7,40 = R19,60$ ✓	2	
	c	Inani = $R15 + R15 + R3,50 + R3,50 + R4,40 = R41,40$ ✓ Itjhentji = $R50 - R41,40 = R8,60$ ✓	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	Amaphetheni , Itjhebiswano leembalo ne-Aljibra 	1	4
	b		1	
	c		1	
	d		1	
2.		1	1	

		Yamukela nanyana ngiyiphi iphetheni ekhombisa ukuhlakanipha																							
3.	a	529, 530, 531 Ukubala ngabo-1	1 1	4																					
	b	732, 730, 728 Balela emuva ngaboku- 2	1 1																						
4.		<table border="1"> <tr> <td>Inomboro yamagreyidi</td> <td></td> <td></td> <td></td> <td></td> <td>5</td> <td></td> </tr> <tr> <td>Inomboro yamabhlege</td> <td></td> <td></td> <td>75</td> <td></td> <td></td> <td>150</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Inomboro yamagreyidi					5		Inomboro yamabhlege			75			150								1 1 1	3
Inomboro yamagreyidi					5																				
Inomboro yamabhlege			75			150																			
5.	a	340, 350, 360 Ngibalele phambili ngaboli- 10 – Yamukele enye nanye iphetheni elungileko	1 1	4																					
	b	503, 502, 501 Ngibalele emuva ngabo-1 – Yamukele enye nanye iphetheni elungileko	1 1																						
1.		Isikhala neBumbeko C	1	1																					
2.		B no C	2	2																					
3.	a	Umgolojo osancantathu	1	2																					
	b	3	1																						
			1																						

4.		Isikwere esiselwe emgolojweni	1	4
		isikurwana (Cone)	1	
		Iphrizimu ehlangothine	1	
		Isilinda		
Isilinganiso				
1.	a	Amasenthimitha, cm	1	2
	b	Imitha , m	1	
2.	a	4	2	7
	b	365	1	
	c	4	1	
	d	52	1	
	e	12	1	
	f	45 (1 Meyi – 16 Juni)	1	
3.	a	ngoSondarha	1	4
	b	ngoLesithathu	1	
	c	ngoLesibili	1	
	d	ngoMgqibelo	1	
4.		6	1	1
5.		Kunye kokuthathu nofana 1 kokuthathu	1	1
6.		Mizuzu elitjhumi ukuya e-, mizuzu ematjhumi ama-50	1	1

7.		Amahlangothi	Isilinganiso	Isilinganiso samambala	1 1 1 1 1 1 1	7												
	a	AB		6cm														
	b	BC		3cm														
	c	DC		6cm														
	d	AD		3cm														
	e	PQ		3cm														
	f	PR		5cm														
	g	QR		4cm														
Yamukela esinye nesinye isilinganiso esingaba sikhudlwana nofana sincanyana kunesilinganiso samambala																		
8.	a	18 cm			1	2												
	b	12 cm			1													
1.	Ukuphathwa kwedatha					8												
	Inomboro yabafundi = 8, 3, 5, 4, 5																	
<p style="text-align: center;">Amasayizi wabafundi</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Amasayizi wamanyathelo</th> <th>abafundi</th> </tr> </thead> <tbody> <tr> <td>size 3</td> <td>8</td> </tr> <tr> <td>size 4</td> <td>8</td> </tr> <tr> <td>size 5</td> <td>5</td> </tr> <tr> <td>size 6</td> <td>5</td> </tr> <tr> <td>size 7</td> <td>6</td> </tr> </tbody> </table> <p style="text-align: center;">Amasayizi wamanyathelo</p>							Amasayizi wamanyathelo	abafundi	size 3	8	size 4	8	size 5	5	size 6	5	size 7	6
Amasayizi wamanyathelo	abafundi																	
size 3	8																	
size 4	8																	
size 5	5																	
size 6	5																	
size 7	6																	
Yamukela enye nenye igrafu ekungiyi																		
2.	a	25			1	5												
	b	5			1													
	c	Ibholo lezandla			1													
	d	Ikhrikhethi			1													
	e	Ibholo leenyawo, ukududa			1													
3.	a	20			1	4												
	b	ULesihlanu			1													
	c	55			1													
	d	15			1													

