



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

TLHAHLOBO YA NAHA YA SELEMO

KEREITI 3

MMETSE- SESOTHO

SETE YA 3: 2012 MOHLALA

MEMORANDAMO



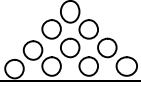



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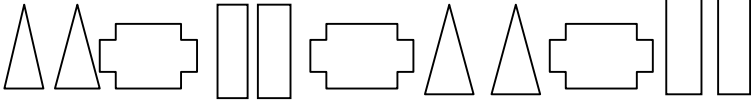
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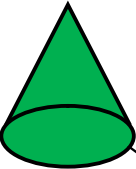


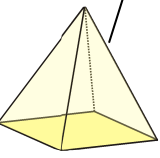
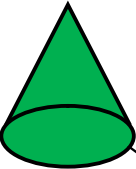


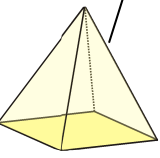
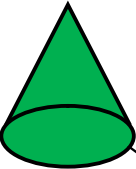


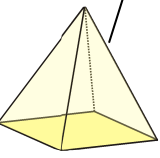
Dipotso		Dikarabo tse lebelletsweng	Matshwao	M a t s h w a o k a o f e l a
1.	(a)	550, 750, 850	1	3
	(b)	499,496, 495	1	
	(c)	248, 256, 260	1	
2.	(a)	100, 150, 200, 250, 350, 450, 500, 550, 600, 650, 700, 750	2	1 0
	(b)	123, 132, 135, 138, 144, 147, 150, 153, 156, 159, 162	2	
	(c)	496, 494, 492, 490, 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	
		✓	1	

		350, +25			
4.		150	1	1	
5.	(a)	6	1	2	
	(b)	24	1		
6.	(a)	Makgolo a mane mashome a supileng le metso e meraro		2	
	(b)	Makgolo a mabedi le metso e mene			
7.	(a)	269		2	
	(b)	Makgolo a mabedimashome a tsheletseng le metso e robong			
8.		Makgolo a supileng le mashome a robedi	1	1	
9.		Makgolo a mararomashome a tsheletseng le motso o le mong	160	1	5
		Makgolo a mabedi le leshome	483	1	
		Makgolo a mararoleleshome le metso e tsheletseng	361	1	
			316	1	
			210	1	
10.		Yabo2,ya bo 6,ya bo 13, ya bo28,yabo 31	1	1	
11.		boneng	1	1	
12.	(a)	<	1	3	
	(b)	>	1		
	(c)	<	1		
13.		B	1	1	
14.	(a)	167, 276, 366, 376, 631,613	1	2	
	(b)	247, 422, 442, 472, 727, 742	1		
15.	(a)	670 kapa 600 + 70	1	2	
	(b)	7	1		
16.	(a)	Mashome	1	2	
	(b)	Metso	1		
17.		Nnete	1	1	
18.		B	1	1	
19.		500 + 70 + 3 goba	1	2	
		570 + 3 goba 500 + 73	1		

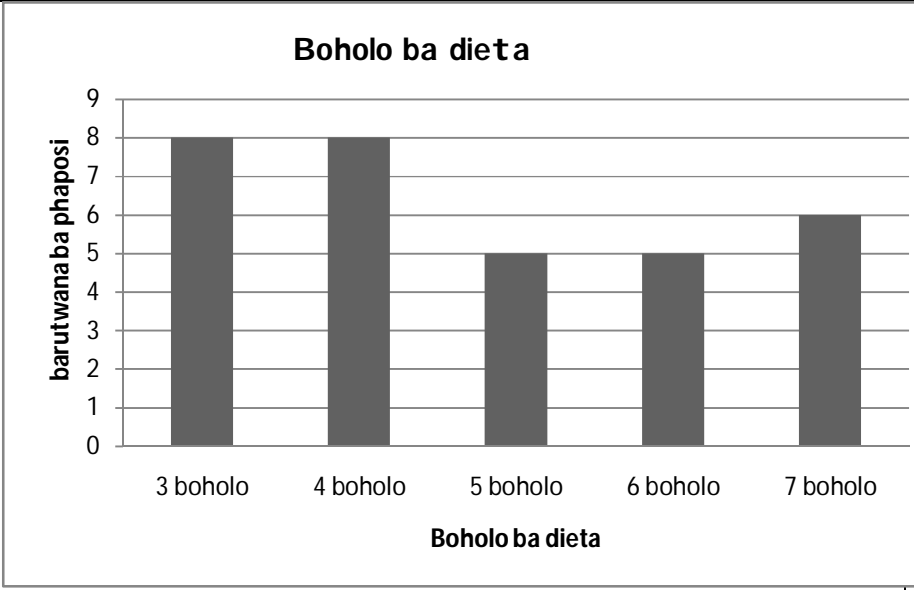
		Kapa mokgwa o mong le o mong o amohetsweng.																		
20.	(a)	$2 + 9 + 8$	1	2																
	(b)	Makgolo +mashome +metso	1																	
21.			1 1 1 1	4																
22.		317	1	1																
23.		<table border="1"> <thead> <tr> <th></th> <th>Nomoro habedi</th> <th>Nomoro</th> <th>Halofa ya nomoro</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 halofa</td> </tr> </tbody> </table>		Nomoro habedi	Nomoro	Halofa ya nomoro	(a)	300	150	75	(b)	168	84	42	(c)	42	21	10 + 1 halofa	1 1 1 1	6
	Nomoro habedi	Nomoro	Halofa ya nomoro																	
(a)	300	150	75																	
(b)	168	84	42																	
(c)	42	21	10 + 1 halofa																	
24.			1	1																
25.	(a)	60	1	2																
	(b)	130	1																	
26.		✓✓ Palo ya dipaneki = $619 + 125 = 744$ Amohela mokgwa o mong le o mong o nepahetseng	2	2																
27.		✓✓ Palo ya ditempe = $23 \times 4 = 92$ or $23 + 23 + 23 + 23 = 92$ Amohela mokgwa o mong le o mong o nepahetseng	2	2																
28.		✓✓ Palo ya dibisikiti = $45 \div 4 = 11$ le kotara kapa 11 mme ho sala 1 Amohela mokgwa o mong le o mong o nepahetseng	2	2																
29.		✓✓ Palo ya dimabole = $68 \div 2 = 34$ Amohela mokgwa o mong le o mong o nepahetseng	2	2																
30.		✓✓ Palo ya dipompong = $35 \div 3 = 11$ ho sala 2 Amohela mokgwa o mong le o mong o nepahetseng	2	2																

31.	✓✓ Palo ya dimabole = $125 - 82 = 43$ Amohela mokgwa o mong le o mong o nepahetseng	2	2
32.	✓✓ Palo ya dikoloi= $21 \times 5 = 105$ kapa $21 + 21 + 21 + 21 + 21 = 105$ Amohela mokgwa o mong le o mong o nepahetseng	2	2
33.	(a) R1,30	1	9
	(b) ✓ Bokalo bo sebedisitsweng = $R3,50 + R3,50 + R2,20 + R3,00 + R7,40 = R19,60$ ✓	2	
	(c) ✓✓ Kaofela = $R15 + R15 + R3,50 + R3,50 + R4,40 = R41,40$ ✓✓ Tjhentjhe = $R50 - R41,40 = R8,60$	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) Dipaterone,Difankshene le Aljebra 	1	4
	(b) 	1	
	(c) 	1	
	(d) 	1	

2.		 <p>Amohela paterone e nngwe le e nngwe e bopilweng</p>	1	1														
3.	(a)	529, 530, 531 Ho bala ka bo 1	1	4														
	(b)	732, 730, 728 Ho balla morao ka bo 2	1															
4.		<table border="1" data-bbox="440 943 1187 1032"> <tr> <td>Palo ya dikereiti</td> <td></td> <td></td> <td></td> <td></td> <td>5</td> <td></td> </tr> <tr> <td>Palo ya dikane</td> <td></td> <td></td> <td>75</td> <td></td> <td></td> <td>150</td> </tr> </table>	Palo ya dikereiti					5		Palo ya dikane			75			150	1	3
Palo ya dikereiti					5													
Palo ya dikane			75			150												
5.	(a)	340, 350, 360 Ho bala ka bo 10 – Amohela paterone enngwe le e nngwe e nepahetseng	1	4														
	(b)	503, 502, 501 Ho balla morao ka bo 1 – Amohela karabo enngwe le e nngwe ya paterone e nepahetseng	1															
1.		Sebaka le sebopeho C	1	1														
2.		B and C	2	2														
3.	(a)	E kgutlo ditharo phiramiti	1	2														
	(b)	4	1															

4.	<table border="1"> <tr> <td></td> <td>Sekwere-motheo piramiti</td> </tr> <tr> <td></td> <td>Khounu</td> </tr> <tr> <td></td> <td>Rekthenkele ya prism</td> </tr> <tr> <td></td> <td>Silindara</td> </tr> </table>		Sekwere-motheo piramiti		Khounu		Rekthenkele ya prism		Silindara	1	1	4
	Sekwere-motheo piramiti											
	Khounu											
	Rekthenkele ya prism											
	Silindara											
		MOMETHO										
1.	(a)	sentimetara, cm	1	2								
	(b)	Mitara, m	1									
2.	(a)	Mmesa, Phupjane, Lwetse, Mphalane	2									
	(b)	365	1									
	(c)	4	1	7								

	(d)	52	1																																	
	(e)	12	1																																	
	(f)	45 (1 Motsheanong – 16 Phupjane)	1																																	
3.	(a)	Sontaha	1	4																																
	(b)	Laboraro	1																																	
	(c)	Labobedi	1																																	
	(d)	Moqebelo	1																																	
4.		6	1	1																																
5.		Nngwe borarong kapa 1 borarong	1	1																																
6.		Leshome pele ho, metsotso e 50	1	1																																
7.		<table border="1"> <thead> <tr> <th></th> <th>mahlakore</th> <th>Tekanyetso</th> <th>Mometho wa nnete</th> </tr> </thead> <tbody> <tr> <td>a.</td> <td>AB</td> <td>+ - 6cm</td> <td>6 cm</td> </tr> <tr> <td>b.</td> <td>BC</td> <td>+ - 3cm</td> <td>3 cm</td> </tr> <tr> <td>c.</td> <td>DC</td> <td>+ - 6cm</td> <td>6 cm</td> </tr> <tr> <td>d.</td> <td>AD</td> <td>+ - 3cm</td> <td>3 cm</td> </tr> <tr> <td>e.</td> <td>PQ</td> <td>+ - 3cm</td> <td>3 cm</td> </tr> <tr> <td>f.</td> <td>PR</td> <td>+ - 5cm</td> <td>5 cm</td> </tr> <tr> <td>g.</td> <td>QR</td> <td>+ - 4cm</td> <td>4 cm</td> </tr> </tbody> </table>		mahlakore	Tekanyetso	Mometho wa nnete	a.	AB	+ - 6cm	6 cm	b.	BC	+ - 3cm	3 cm	c.	DC	+ - 6cm	6 cm	d.	AD	+ - 3cm	3 cm	e.	PQ	+ - 3cm	3 cm	f.	PR	+ - 5cm	5 cm	g.	QR	+ - 4cm	4 cm	1 1 1 1 1 1 1	7
	mahlakore	Tekanyetso	Mometho wa nnete																																	
a.	AB	+ - 6cm	6 cm																																	
b.	BC	+ - 3cm	3 cm																																	
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e.	PQ	+ - 3cm	3 cm																																	
f.	PR	+ - 5cm	5 cm																																	
g.	QR	+ - 4cm	4 cm																																	
8.	(a)	18 cm	1	2																																
	(b)	12 cm	1																																	
1.		Ho sebetsa ka data Palo ya barutwana = 8, 8, 5, 5, 6		8																																

		<div style="text-align: center;"> Boholo ba dieta  </div>		
		Amohela kerafo e nngwe le e nngwe e nepahetseng ya bara		
2.	(a)	25	1	5
	(b)	5	1	
	(c)	Netebolo	1	
	(d)	Kirikete	1	
	(e)	Bolo ya maoto, ho sesa	1	
3.	(a)	20	1	4
	(b)	Labohlano	1	
	(c)	55	1	
	(d)	15	1	