basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

TLHAHLOBO TŠA NGWAGA KA NGWAGA TŠA BOSETŠHABA 2012
MPHATO WA 3 DIPALO - SEPEDI
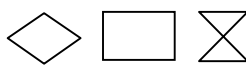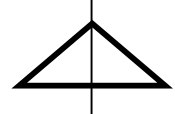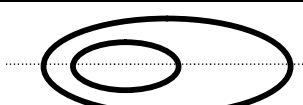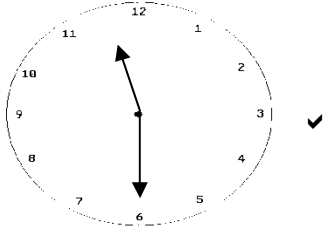## MEMORANTAMO

MEPUTSO: 60

Palomoka ya matlakala ke a 3.

Ditshwayo tša kakaretšo tša go swaya:

1. **Efa meputso ya go tlala go karabo ya maleba fela, ntle le ge o laetšwe ka tsela ye nngwe.**
2. **Amogela karabo ye nngwe le ye nngwe ye e nepagetšego, le ge e se gona mo godimo ga memorantamo.**

POTŠIŠO		DIKARABO	MEPUTSO	PALOMOKA
1.	a.	100; 125; 150 ✔	1	
	b.	658; 638; 618 ✔	1	
	c.	150; 200; 300 ✔ goba 350 ; 300 ; 200 ✔	1	3
2.	a.	Masomesenyanehlano ✔ Amogela leinapalo le le nepagetšego le le ngwadilwego ka leleme le lengwe le le lengwe la semmušo. Go se ke gwa ba le kotlo mo mongwalong o fosagetšego.	1	2
	b.	Makgolotharo masomešupapedi ✔ Amogela leinapalo le le nepagetšego le le ngwadilwego ka leleme le lengwe le le lengwe la semmušo. Go se ke gwa ba le kotlo mo mongwalong o fosagetšego.	1	
3.	a.	542, 452, 425, 245 ✔	1	2
	b.	Kotara ye 1, 1 tharong, seripa sa 1 ✔ Amogela dikao goba maswao a nepagetšego.	1	
4.	a.	400 + 200 + 30 + 10 + 1 + 3 ✔ = 600 + 40 + 4 ✔ = 644 ✔ goba ✔ ✔ ✔ 431 + 200 ➝ 631 + 10 ➝ 641 + 3 ➝ 644	3	
	b.	70 + 2 - 30 - 7 ✔ ✔ ✔ = 60 + 12 - 30 - 7 ✔ or 72 - 30 ➝ 42 - 7 ➝ 35 = 60 - 30 + 12 - 7 = 30 + 5 ✔ = 35 ✔	3	
	c.	3 x 1 = 3 ✔		

		3 x 30 = 90 goba 3 x 31 = 93 ✔ ✔ 3 + 90 = 93 ✔ 31 + 31 + 31 = 93 ✔ ✔	2	
	d.	ge 80 ÷ 4 = 20 ✔ tsela: moputso o 1 le 4 ÷ 4 = 1 karabo: moputso o 1 di dira gore 20 + 1 = 21 ✔	2	10
5.	a.	70 goba 7T/t goba masome a 7 goba masomešupa/ masome a šupang/šupilego ✔	1	2
	b.	500 goba 5H/ goba makgolo a 5 goba makgolohlano/ makgolo a mahlano ✔	1	
6.		22, 23, 25, ✔	1	1
7.	a.	(2 x R1,50) + R1,00 = R4,00 ✔ ✔ Tšhentšhi = R5 - R4 = R1/100c ✔ Ntšha moputso ge karabo e hloka uniti.	3	6
	b.	✔ ✔ ✔ R3,40 - R1,75 = R1,65 Ntšha moputso ge karabo e hloka uniti.	3	
8.	a.	✔ ✔ Nomoro ya maotwana = 12 x 5 = 60	2	4
	b.	✔ ✔ Nomoro ya dibisikiti = 69 ÷ 2 = 34 gwa šala 1 goba 34 le seripa	2	
9.	a.	572 ✔	1	6
	b.	300 + 80 + 5 ✔ Amogela tatelano e nngwe le e nngwe.	1	
	c.	49 + 49 = 98 ✔ goba 2 x 49 = 98 ✔	1	
	d.	397 , 398 , 399 , 400 , 401, 402 ✔	1	
	e.	137 ✔	1	
	f.	C / 300 ✔ Amogela le ge karabo ye e nepagetšego e ageleditšwe goba e thaletšwe.	1	
10.	a.	✔	1	2
	b.	275 ✔	1	
11.		<table><tr><td>Dibopego tša 2-D</td><td>Dilo tša 3-D</td></tr><tr><td>khutlotharo</td><td>Khubu (cube)/lepokiši</td></tr><tr><td>khutlonne</td><td>Silintara</td></tr></table>Amogela dikarabo tše di nepagetšego, ka tatelano e nngwe le e nngwe mo kholomong ka bo tee.	1 1 1 1	4
12.	a.	✔	1	2
	b.	✔	1	

13.	a.	31 ✔	1	
	b.	4 ✔	1	
	c.	Labohlano ✔	1	3
14.	a.	B ✔	1	
	b.	• Lenakana la iri le thalwa magareng ga 11 le 12. • Lenakana la motsotso le swanetše go ba le letelele go feta la iri le šupe 6. 	1	3
	c.	90 ✔	1	
15.	a.	khilokeramo ✔	1	
	b.	litara ✔	1	
	c.	disentimetara ✔	1	
	d.	15 cm ✔	1	4
16.		45 ✔	1	1
17.	a.	7 ✔	1	
	b.	Kim ✔	1	
	c.	140 cm ✔	1	
	d.	Amogela karabo gare ga 100cm, le 120 cm. Mohlala 110 cm ✔	1	
	e.	Pat ✔	1	5
			PALOMOKA:	**60**