

DEPARTMENT OF BASIC EDUCATION
REPUBLIC OF SOUTH AFRICA

DITEKO TSA NGWAGA LE NGWAGA TSA BOSETŠHABA 2012
KEREITE 3 DIPALO -SETSWANA
MEMORANTAMO (BRAILLE)

MADUO: 60

DIPOTSO		DIKARABO TSE DI SOLOFETSWENG	MADUO	GOTLHE
1	a	100; 125; 150 ✓	1	3
	b	658; 638; 618 ✓	1	
	c	150; 200; 300 ✓ or 300 ; 200 ; 150 ✓	1	
2	a	Masomearobongwetlhano ✓ Amogela paloina e e nepagetseng ka puo nngwe le nngwe ya semmuso. O seka wa otlhaela mopeleto.	1	2
	b	Makgoloamararo masomeasupapedi ✓ Amogela paloina e e nepagetseng ka puo nngwe le nngwe ya semmuso. O seka wa otlhaela mopeleto.	1	
3	a	542,452,425,245 ✓	1	2
	b	Nngwenneng(kotara) , nngwetharong, halofo ✓ Amogela matshwao kgotsa ditshwantsho tse di nepagetseng tsa dipalophatlo.	1	
4	a	$400 + 200 + 30 + 10 + 1 + 3 ✓$ $= 600 + 40 + 4 ✓$ $= 644 ✓$ or $431 + 200 \rightarrow 631 + 10 \rightarrow 641 + 3 \rightarrow 644$	3	10
	b	$70 + 2 - 30 - 7 ✓$ $= 60 + 12 - 30 - 7 ✓$ kgotsa $72 - 30 \rightarrow 42 - 7 \rightarrow 35$ $= 60 - 30 + 12 - 7$ $= 30 + 5 ✓$ $= 35 ✓$	3	
	c	$3 \times 1 = 3 ✓$ kgotsa $3 \times 31 = 93 ✓ ✓$ $3 \times 30 = 90$ $3 \times 31 = 93 ✓$ kgotsa $31 + 31 + 31 = 93 ✓$	2	
	d	fa $80 \div 4 = 20 ✓$ tsela/mokgwa: leduo le le 1 le $4 \div 4 = 1$ karabo : leduo le le 1 go raya gore $20 + 1 = 21 ✓$	2	
5	a	70 kgotsa 7T/t kgotsa masome a le 7 kgotsa masomeas	1	2
	b	500 kgotsa 5H/h kgotsa 5 kgotsa makgoloamatlhano ✓	1	
6		ya bo-22, ya bo-23, ya bo-25 ✓	1	1
7	a	$(2 \times R1,50) + R1,00 = R4,00 ✓$ ✓ Madipotlana (tšhentšhi) = $R5 - R4 = R1/100c ✓$ Ntsha leduo fa go sena yuniti ya madi mo karabong.	3	

	b	<div>✓✓✓</div> <div>R3,40 - R1,75 = R1,65</div> <div>Ntsha leduo fa go sena yuniti ya madi mo karabong.</div>	3	6						
8	a	<div>✓✓</div> <div>Palo ya maotwana = 12 x 5 = 60</div>	2	4						
	b	<div>✓✓</div> <div>Palo ya dibisikiti = 69 ÷ 2 = 34 le halofo</div>	2							
9	a	572✓	1	6						
	b	300 + 80 + 5✓ Amogela tatelano nngwe le nngwe.	1							
	c	49 + 49 = 98✓ kgotsa 2 x 49 = 98✓	1							
	d	397 , 398 , 399 , 400 , 401, 402 ✓	1							
	e	137✓	1							
	f	C / 300✓ Amogela le fa karabo e e nepagetseng e thaletswe kgotsa e sekeleditswe.	1							
10	a	<div>f g d ✓</div>	1	2						
	b	275 ✓	1							
11		<table><tr><td>Dibopego tsa 2-D</td><td>Dilo tsa 3-D</td></tr><tr><td>khutlotharo</td><td>sennere</td></tr><tr><td>khutlonnetsepa</td><td>Khube/lebokoso</td></tr></table> <div>Amogela dikarabo tse di nepagetseng ka tatelano nngwe le nngwe mo kholomong.</div>	Dibopego tsa 2-D	Dilo tsa 3-D	khutlotharo	sennere	khutlonnetsepa	Khube/lebokoso	<div>11</div> <div>11</div>	4
Dibopego tsa 2-D	Dilo tsa 3-D									
khutlotharo	sennere									
khutlonnetsepa	Khube/lebokoso									
12	a	<div>a</div> <div>✓</div>	1	2						
	b	<div>b</div> <div>✓</div>	1							
13	a	31✓	1	3						
	b	4✓	1							
	c	Labotlhano✓	1							

14	a	b ✓	1	3
	b	Lenaka le le khutshwane le supile 11 kgotsa fa gare ga 11 le 12. Lenaka le le telele le supile 6.	1	
	c	90 ✓	1	
15	a	Kilogeramo ✓	1	4
	b	Diletara ✓	1	
	c	disentimetara ✓	1	
	d	15 cm ✓	1	
16		45 ✓	1	1
17	a	7 ✓	1	5
	b	Kim ✓	1	
	c	140 cm ✓	1	
	d	Amogela karabo nngwe le nngwe e e lekanyeditsweng fa gare ga 100 cm le 120 cm, sekao . 110 cm ✓	1	
	e	Pat ✓	1	
PALOGOTLHE				60