



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

MULINGO WA ° WAHA NGA ° WAHA WA SHANGO · O¹ HE

GIREIDI 3

MBALO-TSHIVENᵿA

SETHE 2: TSUMBA MULINGO 2012

MEMORANDAMU

MBUDZISO		PHINDULO NDAVHELELWA													MARAGA	VHUKONDI	
1.		a	497	496	495	494	493	492	491	490	489	488	487	486	485	1 1 1 1 1 1	E
		b	210	220	230	240	250	260	270	280	290	300	310	320	330		
		c	385	380	375	370	365	360	355	350	345	340	335	330	325		
		d	398	400	402	404	406	408	410	412	414	416	418	420	422		
		e	399	396	393	390	387	384	381	378	375	372	369	366	363		
		f	144	148	152	156	160	164	168	172	176	180	184	188	192		
2.	a	900, 800 , 700 , 600 , 500 ,400 ,300 , 200.													1	E	
	b	150 , 200 , 250 , 300 , 350 , 400 , 450 , 500													1	E	
3.	Phan»a nga fumi-fumi: 110 , 120, 130 , 140 , 150 , 160 , 170, 180, 190, 200															1	E
	Murahu nga ¾hanu-¾hanu: 190, 185, 180 , 175 , 170 , 165 , 160															1	E
	Phan»a nga raru-raru: 153 , 156 , 159 , 162 , 165 ,168															1	E
	Murahu nga mbili-mbili: 110, 108, 106, 104, 102, 100, 98															1	E
4.	268 ndi nomboro ya u fhedzisela kha mutalombalo															1	E
5.	150 , 250 , 350, 450 , 550 , 650 , 750, 850															1	E
	Mulayo wo shumiswaho: u vhala nga ma»ana(100)																
6.	B															1	M
7.	250												5				
	117																
	8																
	246																
	139																
8.	a	762													1	E	
	b	984													1	E	
	c	609													1	E	
9.	a	»ambili furaru-¾hanu													1	M	
	b	»ana													1	M	
	c	»ana fumalo-raru													1	M	
10	a	»ana furaru-¾ahe 139													1	M	
	b	»ana fu¾ahe 190													1	M	

11.	a	¶ambilii fui½a-i½a	244	1	M
	b	¶ana furaru-malo	138	1	M
	c	Fumalo-malo	88	1	M
12.	a	¶ana fuḥḥanu	150	1	M
	b	Dambili fusumbe-i½a	274	1	M
	c	Fu¾hanu-¾hanu	55	1	M
13.	a	A si ngoho		1	M
	b	Ngoho		1	E
	c	Ngoho		1	M
14.	a	<		1	E
	b	<		1	E
	C	>		1	E
15.	a	112 , 122 , 211 , 212 , 221		1	M
	b	220 , 230 , 302 , 320 , 330		1	M
	c	246 , 266 , 424 , 426 , 462		1	M
16.	a	221 , 212 , 211 , 122 , 112		1	M
	b	330 , 320 , 302 , 230 , 220		1	M
	c	462 , 426 , 424 , 266 , 246		1	M
17.		B		1	M
18.	a	3		1	E
	b	200		1	E
	c	0		1	E

	d	20	1	E
19.	a	236	1	E
	b	9	1	M
	c	ma»ana a 2 mahumi a 3 vhuthihi ha 6	1	E
	d	9	1	M
	e	100	1	M
	f	10	1	M
20.	a	304	1	E
	b	63	1	M
	c	222	1	M
	d	416	1	M
21.		315	1	E
22.		400 + 80 + 5	1	E
		200 + 200 + 40 + 40 + 3 + 2 kana huꝑwe u kwashekanya hu re hone	1	M
23.	a	Ma»ana 0, mahumi a 6, vhuthihi ha 63	1	M
	b	Ma»ana a 2, mahumi a 25, vhuthihi ha 258	1	M
	c	Maḍana a 3, vhuthihi ha 306	1	M
	d	Maḍana a 4, mahumi a 44, vhuthihi ha 440	1	M
24.		50 + 20 + 5	4	E
		200 + 120 + 20 + 7		
		300 + 60 + 0		
		400 + 40 + 4		
		360		
		75		
		444		
		347		

U SHUMISA NOMBORO DZO FHELELAHO: U $\frac{3}{4}$ anganyisa, u $\frac{3}{4}$ usa, u andisa na u $\frac{3}{4}$ usa.

1.	a	Nomboro kavhili/yo davhuliwa	Nomboro	Nomboro yo hafuliwa	6	M
		62	31	15 na hafu		
		324	162	81		
		812	406	203		
	b	Nomboro	Nomboro yo iswa kha vhutsini ha 10 ha tsinisa		2	M
		152	150			
		75	80			
2.	a	Ngoho			4	E
	b	A si ngoho				M
	c	A si ngoho				M
	d	A si ngoho				E
3.	a	$200 + 10 + 9 + 100 + 30 + 7 = 356$			3	D
	b	$200 + 50 + 9 + 40 + 5 = 304$				
	c	$200 + 30 + 6 + 100 + 10 + 4 = 350$				
4.	a	302			3	M
	b	328				
	c	221				
5.	a	400			2	E
	b	290				
6.	a	$175 - 50 - 9 = 125 - 9 = 116$			2	D
	b	$194 - 100 - 30 - 7 = 94 - 30 - 7 = 64 - 7 = 57$				
7.	a	$300 + 70 + 7 - 100 - 30 - 4 = 200 + 40 + 3 = 243$			2	D
	b	$200 + 90 + 4 - 100 - 50 - 2 = 100 + 40 + 2 = 142$			2	D

8.	a	$10 \times 5 + 3 \times 5 = 50 + 15 = 65$	2	D
	b	$10 \times 4 + 7 \times 4$ $= 40 + 28$ $= 68$		M
9.	a	$12 + 12 + 12 + 12 + 12 + 12 = 72$	2	E
	b	$14 + 14 + 14 + 14 + 14 = 70$		
10.	a	$54 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 = 0$ zwi amba uri $54 \div 6 = 9$	2	M
	b	$72 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 = 0$ zwi amba uri $72 \div 9 = 8$		
11.	a	$40 \div 10 + 30 \div 10 = 4 + 3 = 7$	2	M
	b	$40 \div 8 + 8 \div 8 = 5 + 1 = 6$		

U tandulula thaidzo(Mbalo dza maipfi).

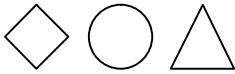
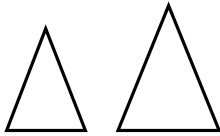
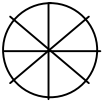
1.	a	$499 - 163 = 336$	1	E
	b	$216 + 93 = 309$	1	E
2.		Nomboro ya mavhu/ũ = $125 - 82 = 43$	1	E
3.		Nomboro ya ma/egere = $120 \times 2 = 240 - 96 = 144$	2	M
4.		Nomboro ya zwithivho = $86 + 123 + 219 = 428$	1	E
5.		Nomboro ya malinga = $6 \times 3 = 18$	1	M
6.		Nomboro ya kheroto $40 \div 5 = 8$	1	E
7.	a	Nomboro ya muthihi = $41 \div 2 = 20$ na hafu	1	M
	b	Nomboro ya makumba = $49 \div 4 = 12$ ha sala 1	1	M
	c	Nomboro ya muthihi = $22 \div 3 = 7$ ha sala 1	2	D

Mbalo dzi kwamanaho na zwa tshelede.

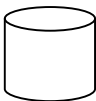

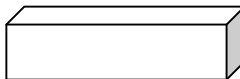

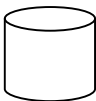

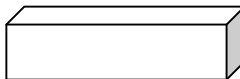

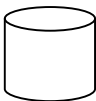

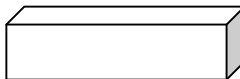

1.	<p>Tshelede yo shumiswaho = $20 \times 25c + 14 \times R2,50 + 20 \times R1,50 + 12 \times R5$</p> <p>= R1 + R35 + R30 + R60</p> <p>= R120</p>	5	D
----	---	---	---

2.	a	Mbadelo = $R10 + R3,50 + R3,50 = R17,00$						2	E		
	b	Tshintshi = $R5,00 + R5,00 + R5,00 = R15,00$ $R20,00 - R15,00 = R5,00$ Or $R20 - R5 \times 3 = R20 - R15$						1	M		
3	Nomboro ya mabengele		1	2	3	4	5	10	20	5	M
	Mutengo nga dziranda		4	8	12	16	20	40	80		

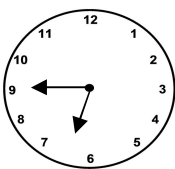
PHETHENI NA FANKISHENI

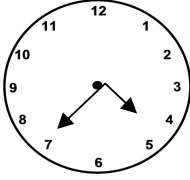
1.							1	E	
2.							1	M	
3.	Maraga 1 kha u tevhekana hone						1	E	
4.							1	M	
5.	a	360, 363, 369, 372, 375, u vhalela phan»a nga raru-raru						2	E
	b	440, 444, 448, 452, 456, u vhalela phan»a nga i½a-i½a							
6.	B						1	E	
7.	Mabengele		1	2	3	14	50	2	E
	Malungu		10	20	30	140	500		

TSHIKHALA NA ZWIVHUMBEO

1.	A		1	E								
2.	Tshikwere		1	M								
3.	6		1	M								
4.	<table border="1" style="width: 100%; height: 150px;"> <tr> <td style="text-align: center;"></td> <td style="text-align: center;">Sifhere</td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;">Phirizimu ya hōfun eil/a</td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;">Khubu</td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;">Sijinda</td> </tr> </table>		Sifhere		Phirizimu ya hōfun eil/a		Khubu		Sijinda		4	E
	Sifhere											
	Phirizimu ya hōfun eil/a											
	Khubu											
	Sijinda											
5.	2, 1 na 4		3	E								

MUELO

1.	A	Minete ya 18 u bva kha 8 kana 8:18	1	M
	B	Minete ya 8 u bva kha 10 kana 10:08	1	M
	C	Minete ya 10 u ya kha 2 kana 1:50 kana 13:50	1	M
2.	a		1	M

	b		1	M
3.		2:35	1	M
4.		Minete ya 45	1	E
5.		$22 - 8 = 14$ ma»uvha	1	E
6.	a	2 7 mm kana 2cm na 7mm	1	E
	b	18 mm kana 1 cm na 8 mm	1	E

U SHUMA NA DATHA

1.	a	20	1	E
	b	avhu%anu	1	E
	c	55	1	E
	d	$55 - 40 = 15$	1	E
2	a	5	1	E
	b	Andani	1	E
	c	Dakalo	1	E
	d	$9 + 5 = 14$	1	E