



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

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

GIREIDI 1

MBALO-TSHIVENŦA





SETHE 3: TSUMBA MULINGO 2012

MEMORANDAMU

NOMBORO , ZWIGA NA VHUSHAKA			
MBUDZISO	PHINDULO NDAVHELELWA	MARAGA	ṰHANGANYELO
1.	13	1	1
2.	17	1	1
3.	16	1	1
4.	11	1	1
5.	16	1	1
6.	9 11 15	1 1 1	3
7.	15 16 17	1 1 1	3
8.	15 13	1 1	2
9.	9 8 7	1 1 1	3
10.	Ṱhanu- 5 fumi - 10 Ṱahe - 9 mbili - 2	1 1 1 1	4
11.	a. 6 b. 4 c. 10 d. 8	1 1 1 1	4
12.	19 -19 55 - 55 73 - 73	1 1 1	3
13.	a. 5	1	4

	b. 8 c. 6 d. 2	1 1 1	
14.	a. mbili b. 9 c. 3 d. sumbe	1 1 1 1	4
15.	a. thihi b. iṅa c. malo d. fumi e. ṭhanu	1 1 1 1 1	5
16.	7 - sumbe 1 - thihi 3 - raru 9 - ṭahe 2 - mbili	1 1 1 1 1	5
17.	10; 11; 12; 13; 14	1	1
18.	8; 7; 6; 5; 4	1	1
19.	2; 3; 4; 5; 6	1	1
20.	a. zwinzhi b. zwi linganaho c. zwiṭukusa	1 1 1	3
21.	a. golo b. kholomo c. munna	1 1 1	3
22.	a. mathomo b. vhuṅa	1 1	2
23.	a. a b. b c. r	1 1 1	3

U SHUMISA NOMBORO

24.	9 11 12 13	1 1 1 1	4
25.	6 8	1 1	2
26.	<p>a. vhuimo ha vhu10 </p> <p>b. Vhuimo ha vhu11 </p> <p>c. Vhuimo ha vhu13 </p> <p>d. Vhuimo ha vhu15 </p>	1 1 1 1	4





MBUDZISO	PHINDULO NDAVHELELWA	MARAGA	ṬHANGANYELO
1.	Davhula 4 = 8 Davhula 7 = 14	1 1	2
2.	a. 10 b. 12 c. 4	1 1 1	3
3.	a. Fumi b. Mbili c. Fumi- mbili d. Rathi	1 1 1	3
4.	a. 4 b. 6 c. 1	1 1 1	3
5.	b. 7 c. 3 d. 5	1 1 1	3
6.	<p>0 2 4 6 8 10 12 14</p>		1
7.	a. 7 b. 11 c. 6	1 1 1	3
8.	a. 17 b. 12 c. 15	1 1 1	3
9.	10 – 5 8 – 3 7 - 2 5 - 0	1 1 1 1	4

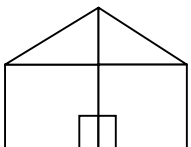

10.	a. 15 b. 10	1 1	2								
11.	a. 7 b. 11 c. 12	1 1 1	3								
12.	a. 5 b. 10 c. 0 d. 14	1 1 1 1	4								
13.	14 - 10 6 - 2 12 - 8	1 1 1	3								
14.	a. 3 b. 5 c. 15	1 1 1	3								
15.	$3 + 3 + 3 = 9$	1	1								
16.	b. 000 000 000 $3 + 3 + 3 = 9$ c. 0000 0000 0000 $4 + 4 + 4 = 12$	1 1	2								
17.	a. <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>000</td><td>000</td></tr></table> b. <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>00</td><td>00</td></tr></table> c. <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>0000</td><td>0000</td></tr></table> d. <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>00000</td><td>00000</td></tr></table>	000	000	00	00	0000	0000	00000	00000	1 1 1 1	4
000	000										
00	00										
0000	0000										
00000	00000										
18.	Zwignada 4	1	1								
19.	a. 5 b. 2	1 1	4								

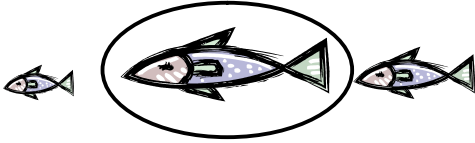
	c. 7	1	
	d. 2	1	
20.	a. 5	1	2
	b. 1	1	

TSHILEME TSHA VHUIMO			
MBUDZISO	PHINDULO NDAVHELELWA	MARAGA	THANGANYELO
1.	a. $12 = 1 \text{ fumi} + 2 \text{ thihi}$	1	2
	b. $15 = 1 \text{ fumi} + 5 \text{ thihi}$	1	
2.	a. 13	1	2
	b. 11	1	

TSHELEDE			
MBUDZISO	PHINDULO NDAVHELELWA	MARAGA	THANGANYELO
1.	a. 15c	1	4
	b. R7	1	
	c. 80c	1	
	d. R16	1	
2.	O badela R12	1	2
	Tshintshi ndi R8	1	
3.	a. R 9	1	2
	b. 35c	1	
4.	Mangwende 4	1	1
5.	$R4 + R4 + R4 + R4 = R16$	1	1

PHETHENI , FANKISHENI NA A· IDZHEBURA			
MBUDZISO	PHINDULO NDAVHELELWA	MARAGA	THANGANYELO
1.	a. = IIII b.   c.  	1 1 1	3

TSHIKHALA NA TSHIVHUMBEO			
MBUDZISO	PHINDULO NDAVHELELWA	MARAGA	THANGANYELO
1.	a. X b. O c. X d. O	1 1 1 1	4
2.	a. Hai b. Ee c. Ee d. Ee	1 1 1 1	4
3.	a. Murahū ha b. Phanda ha	1 1	2
4.	Tshimange	1	1
5.		1	1
6.	Ee	1	1
7.		1	1

MUELO			
MBUDZISO	PHINDULO NDAVHELELWA	MARAGA	ṪHANGANYELO
1.	a. 5 b. 12	1 1	2
2.	a. 1 b. 4 c. 3 d. 2	1 1 1 1	4
3.	 <p>Tingeledzaho khovhe i re vhukati.</p>	1	1
4.	a. Ruḷa b. bugu	1 1	2

U SHUMA NA DATA			
MBUDZISO	PHINDULO NDAVHELELWA	MARAGA	ṪHANGANYELO
1.	a. b. + + + + + + + + + + c. + + + + + + d. + + + + + + + + + + 	1 1 1 1 1	4
2.	a. 2 b. 4 c. $4 + 8 + 2 + 5 = 19$	1 1 2	5