



basic education



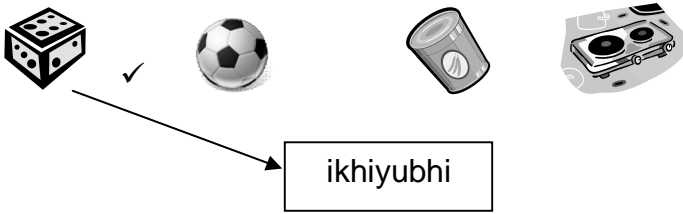
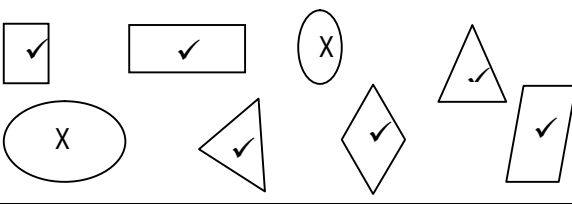
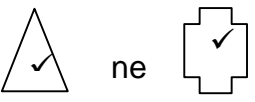
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

LUHLOLO LWEMNYAKA LWAVELONKHE 2013
LIBANGA 2 TIBALO - SISWATI
IMEMORANDAMU
YESIBONELO

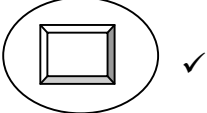
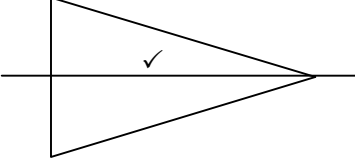
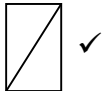
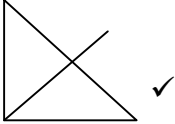
Lememorandamu inemakhasi la- 7.

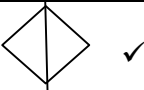
Indlela letayelekile yekumakha:


1. Nika emamaki lagcwele etimphendvulweni kuphela, ngaphandle nakushiwo lokunye.
2. Yamukela nobe nguyiphi indlela langekho kumemorandamu ngaphandle nakushiwo lokunye.

Umbuto	Timphendvulo letilindzelekile	Emamaki	Samba
1.1		1	3
1.2		1	
1.3	D ✓	1	
2.1		1	4
2.2		2	1
2.3		1	
3.1	169 ✓	1	

Umbuto		Timphehndvulo letilindzelekile		Emamaki	Samba
3.2	3.2.1	49		1	5
	3.2.2	55		1	
	3.2.3	63		1	
	3.2.4	74		1	
	3.2.5	18		1	
3.3.1		101 ✓		1	3
3.3.2		100 ✓		1	
3.3.3		110 ✓		1	
4.		Mashumi lamane nesikhombisa/nenkhotsa ✓ (ungasinaki sipelingi)		1	1
5.1		Igabence insimbi yekucala / 1:30 ✓		1	4
5.2				2	
5.3		8 ✓		1	
6.1		C ✓ Ungamukeli 1 ikota. Umbuto utsi biyela luhlavu lolumphendvulo.		1	4
6.2		2 ✓ 1 ihhafu / yihhafu yinye ✓		1	
6.3				2	
7.1		162, 152, 131, 129, 117 ✓		1	4
7.2.1		90,95, 105, 100, 110 ✓		1	
7.2.2		5, 15, 51, 105, 115 ✓		1	

Umbuto	Timphehndvulo letilindzelekile	Emamaki	Samba				
7.3	B✓ Ungamukeli 80; 64; 40; 21; 12 Umbuto utsi biyela luhlavu lolumphendvulo.	1					
8.1	A ✓ Ungamukeli 28. Umbuto utsi biyela luhlavu lolumphendvulo.	1	6				
8.2.1	1 + 3 ✓ yamukela nobe nguyiphi inhlanganisela lekahle	1					
8.2.2	5 + 5 + 2 ✓ yamukela nobe nguyiphi inhlanganisela lekahle	1					
8.2.3	10 + 10 = 46 ✓ yamukela nobe nguyiphi inhlanganisela lekahle	1					
8.2.4	2 + 3 = 30 ✓ yamukela nobe nguyiphi inhlanganisela lekahle	1					
8.3	9 ✓	1					
9.1	<table border="1" data-bbox="472 1104 775 1178"> <tr> <td data-bbox="472 1104 619 1178">shelela.</td> <td data-bbox="619 1104 775 1178">gicika. ✓</td> </tr> </table>	shelela.	gicika. ✓	1			
shelela.	gicika. ✓						
9.2		1	4				
9.3	<table border="1" data-bbox="347 1328 1050 1597"> <tr> <td data-bbox="347 1328 691 1402">Intfo lengagicika</td> <td data-bbox="691 1328 1050 1402">Intfo lengashelela</td> </tr> <tr> <td data-bbox="347 1402 691 1597">yamukela nobe nguyiphi intfo lengagicika. ✓</td> <td data-bbox="691 1402 1050 1597">yamukela nobe nguyiphi intfo lengagicika lengashelela. ✓</td> </tr> </table>	Intfo lengagicika	Intfo lengashelela	yamukela nobe nguyiphi intfo lengagicika. ✓	yamukela nobe nguyiphi intfo lengagicika lengashelela. ✓	2	
Intfo lengagicika	Intfo lengashelela						
yamukela nobe nguyiphi intfo lengagicika. ✓	yamukela nobe nguyiphi intfo lengagicika lengashelela. ✓						
10.1		1					
10.2	 	2	4				

Umbuto	Timphendvulo letilindzelekile	Emamaki	Samba
10.3		1	
11.1.1	57; 54; 51 ✓	1	4
11.1.2	153; 157; 161 ✓	1	
11.2.1	164; 166; 172 ✓	1	
11.2.2	158; 161; 167 ✓	1	
12.1	80 nobe mashumi lasiphohlongo ✓	1	3
12.2.1	70 nobe mashumi lasikhombisa/inkhotsa ✓	1	
12.2.2	3 nobe kutsatfu ✓	1	
13.1.1	58 ✓	1	10
13.1.2	14 nehhafu ✓	1	
13.2.1	12 ✓; 8 ✓; 6 ✓	3	
13.2.2	36 ✓; 20 ✓; 28 ✓	3	
13.3.1	12 6 + 6 = 12 ✓ yemukela nobe nguyiphi inhlanganisela yetinombolo lefanele.	1	
13.3.2	16 8 + 8 = 16 ✓ yemukela nobe nguyiphi inhlanganisela yetinombolo lefanele.	1	
14.1	kuncane kune ✓	1	6
14.2.1	> ✓	1	
14.2.2	= ✓	1	
14.2.3	< ✓	1	
14.3.1	< ✓	1	
14.3.2	< ✓	1	
15.1.1	15 ✓	1	
15.1.2	21 ✓	1	

Umbuto	Timphehndvulo letilindzelekile					Emamaki	Samba												
15.2	<table border="1"> <tr> <td>timoto</td> <td>1</td> <td>3</td> <td>5</td> <td>6✓</td> <td>9</td> </tr> <tr> <td>emavili</td> <td>4</td> <td>12✓</td> <td>20</td> <td>24</td> <td>36✓</td> </tr> </table>					timoto	1	3	5	6✓	9	emavili	4	12✓	20	24	36✓	1 1 1	7
timoto	1	3	5	6✓	9														
emavili	4	12✓	20	24	36✓														
15.3.1	10 ✓					1													
15.3.2	40 ✓					1													
16.1	+ ✓					1													
16.2	_ ✓					1	2												
17.1	 5kg ✓					1													
17.2	<table border="1"> <tr> <td>Intfo</td> <td>Sisindvo</td> </tr> <tr> <td>Sawoti/salt</td> <td>1 kg ✓</td> </tr> <tr> <td>Irayisi/rice</td> <td>2 kg ✓</td> </tr> <tr> <td>Shukela/sugar</td> <td>5 kg ✓</td> </tr> </table>					Intfo	Sisindvo	Sawoti/salt	1 kg ✓	Irayisi/rice	2 kg ✓	Shukela/sugar	5 kg ✓	1 1 1	5				
Intfo	Sisindvo																		
Sawoti/salt	1 kg ✓																		
Irayisi/rice	2 kg ✓																		
Shukela/sugar	5 kg ✓																		
17.3	<table border="1"> <tr> <td>sisindza kakhulu X</td> <td>silula kakhulu</td> <td>✓</td> </tr> </table>					sisindza kakhulu X	silula kakhulu	✓	1										
sisindza kakhulu X	silula kakhulu	✓																	
18.1	<p>36 - 4 → 32 - 4 → 28 - 4 → 24 - 4 → 20 - 4 → 16 - 4 12 - 4 → 8 - 4 → 4 - 4 → 0</p> <p>Bangagcwalisa emapaki la-9 ✓ kungasali lutfo/akekho emahhabhula lasalako ✓</p> <p>1 limaki kunobe nguyiphi indlela lefanele na- 1 limaki lemphehndvulo.</p>					1 1	4												

Umbuto	Timphendvulo letilindzelekile	Emamaki	Samba
18.2	$38 - 4 \rightarrow 34 - 4 \rightarrow 30 - 4 \rightarrow 26 - 4 \rightarrow 22 - 4 \rightarrow 18 - 4$ $14 - 4 \rightarrow 10 - 4 \rightarrow 6 - 4 \rightarrow 2$ Utawutfole emapeniseli la-9 ✓ bese kusala- 2✓ 1 limaki kunobe nguyiphi indlela lefanele na- 1 limaki imphendvulo	1 1	
19.1	12 ✓	1	2
19.2	12 ✓	1	
20.1	$\text{Intjintji} = R20 - (R12 + R4)$ nobe $R20 - R12 - R4$ $= R20 - R16$ ✓ $= R8 - R4$ $= R4$ ✓ $= R4$	1 1	6
20.2	$R20 \div R4 = 5$ ✓ nobe $R20 - R4 = R16 - R4 = R12 - R4 = R8 - R4 = R4$ ✓ $R4 = 0$ 5 ✓	1 1	
20.3	$R12 + R12 = R24$ ✓ $R24 - R20 = R4$ Ushoda nge- R4 ✓	1 1	
21.1	5 ✓	1	4
21.2	sihlanu ✓	1	
21.3	4 ✓ na 1 ✓	2	
22.1	$4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 = 36$ ✓ nobe $9 \times 4 = 36$ 1 limaki kunobe nguyiphi indlela lefanele na- 1 limaki imphendvulo	1 1	4
22.2	$9 \times 4 = 36$ ✓ nobe $9 + 9 + 9 + 9 = 36$ 1 limaki kunobe nguyiphi indlela lefanele na- 1 limaki imphendvulo	1 1	
23.1.1	Peter ✓	1	

Umbuto	Timphehndvulo letilindzelekile	Emamaki	Samba																																					
23.1.2	13✓	1																																						
23.2.1	6✓	1	10																																					
23.2.2	4✓	1																																						
23.2.3	5✓	1																																						
23.2.4	3✓	1																																						
23.2.5	<p style="text-align: center;">TINHLELO LEBATITSANDZAKO</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td data-bbox="347 857 523 1429" rowspan="8" style="text-align: center; vertical-align: middle;">Linani lebafana</td> <td data-bbox="523 857 691 936" style="text-align: center;">✓</td> <td data-bbox="691 857 874 936"></td> <td data-bbox="874 857 1058 936"></td> <td data-bbox="1058 857 1217 936"></td> </tr> <tr> <td data-bbox="523 936 691 1014" style="text-align: center;">😊</td> <td data-bbox="691 936 874 1014"></td> <td data-bbox="874 936 1058 1014" style="text-align: center;">✓</td> <td data-bbox="1058 936 1217 1014"></td> </tr> <tr> <td data-bbox="523 1014 691 1093" style="text-align: center;">😊</td> <td data-bbox="691 1014 874 1093" style="text-align: center;">✓</td> <td data-bbox="874 1014 1058 1093" style="text-align: center;">😊</td> <td data-bbox="1058 1014 1217 1093"></td> </tr> <tr> <td data-bbox="523 1093 691 1171" style="text-align: center;">😊</td> <td data-bbox="691 1093 874 1171" style="text-align: center;">😊</td> <td data-bbox="874 1093 1058 1171" style="text-align: center;">😊</td> <td data-bbox="1058 1093 1217 1171" style="text-align: center;">✓</td> </tr> <tr> <td data-bbox="523 1171 691 1249" style="text-align: center;">😊</td> <td data-bbox="691 1171 874 1249" style="text-align: center;">😊</td> <td data-bbox="874 1171 1058 1249" style="text-align: center;">😊</td> <td data-bbox="1058 1171 1217 1249" style="text-align: center;">😊</td> </tr> <tr> <td data-bbox="523 1249 691 1328" style="text-align: center;">😊</td> <td data-bbox="691 1249 874 1328" style="text-align: center;">😊</td> <td data-bbox="874 1249 1058 1328" style="text-align: center;">😊</td> <td data-bbox="1058 1249 1217 1328" style="text-align: center;">😊</td> </tr> <tr> <td data-bbox="523 1328 691 1406" style="text-align: center;">😊</td> <td data-bbox="691 1328 874 1406" style="text-align: center;">😊</td> <td data-bbox="874 1328 1058 1406" style="text-align: center;">😊</td> <td data-bbox="1058 1328 1217 1406" style="text-align: center;">😊</td> </tr> <tr> <td data-bbox="523 1406 691 1485" style="text-align: center;">Umdlalo</td> <td data-bbox="691 1406 874 1485" style="text-align: center;">Kulingisa</td> <td data-bbox="874 1406 1058 1485" style="text-align: center;">Inkholo</td> <td data-bbox="1058 1406 1217 1485" style="text-align: center;">Tindzaba</td> </tr> <tr> <td colspan="5" data-bbox="347 1485 1217 1585" style="text-align: center;">LUHLELO LWE-TV</td> </tr> </table>	Linani lebafana		✓				😊		✓		😊	✓	😊		😊	😊	😊	✓	😊	😊	😊	😊	😊	😊	😊	😊	😊	😊	😊	😊	Umdlalo	Kulingisa	Inkholo	Tindzaba	LUHLELO LWE-TV				
Linani lebafana	✓																																							
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