



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

UKUHLOLA KUKAZWELONKE KONYAKA
NONYAKA 2013 IBANGA LESI-2 IMETHAMETHIKSI
IMEMORANDUM YEPHEPHA ELIYISIBONELO

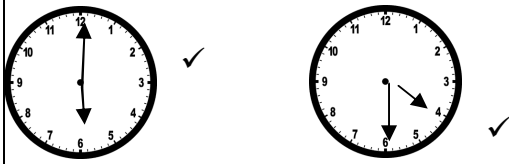
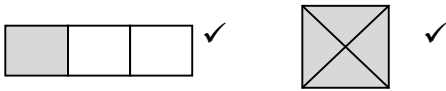
AMAMAKI: 30

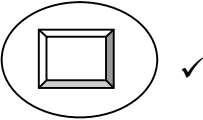
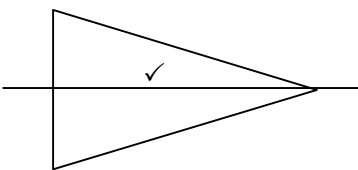
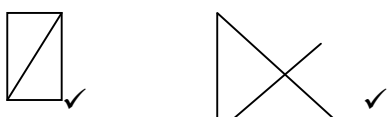
Le memorandamu inamakhasi ama-3.

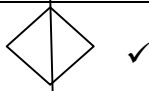
Qikelela lokhu:


1. Nika amamaki aphelele kuphela, ngaphandle mawuyalelwe okunye.
2. Yamukela ezinye izimpendulo ezifanele ezingafakiwe kumemorandamu.

Umbuzo	IZIMPENDULO EZILINDELEKILE	Amamaki	Isamba
1.1		1	3
1.2		1	
1.3	D ✓	1	
2.1		1	4
2.2		2	
2.3		1	
3.1	169 ✓	1	1

Umbuzo		IZIMPENDULO EZILINDELEKILE	Amamaki	Isamba
3.2	3.2.1	49 → ishumi nesishiyagalombili	1	5
	3.2.2	55 → amashumi ayisikhombisa nane	1	
	3.2.3	63 → amashumi amahlanu nanhlanu	1	
	3.2.4	74 → amashumi amane nesishiyagalolunye	1	
	3.2.5	18 → amashumi ayisithupha nantathu	1	
3.3.1	101 ✓	1	3	
3.3.2	100 ✓	1		
3.3.3	110 ✓	1		
4.	Amashumi amane nesikhombisa ✓ (Abafundi ngeke baphucwe amamaki ngenxa yesipelingi)	1	1	
5.1	Uhhafu wehora emva kwelokuqala/1:30 ✓	1	4	
5.2		2		
5.3	Ayisi-8 ✓	1		
6.1	C ✓ Ungayithathi impendulo ethi ikota ngokuba kumele bakokelezele impendulo efanele.	1	4	
6.2	2 ✓ hhafu ✓	1		
6.3		2		
7.1	162, 152, 131, 129, 117 ✓	1	4	
7.2.1	90, 95, 100, 105, 110 ✓	1		

Umbuzo	IZIMPENDULO EZILINDELEKILE	Amamaki	Isamba			
7.2.2	5, 15, 51, 105, 115 ✓	1	6			
7.3	B✓ Ungakwemukeli okulandelayo: 80; 64; 40; 21; 12 Umbuzo ufuna bakokelezele impendulo efanele.	1				
8.1	A ✓ Ungawemukeli ama-28. Umbuzo ufuna bakokelezele impendulo efanele.	1				
8.2.1	1 + 3 ✓ Yamukela noma yiyiphi indlela okuyiyo	1				
8.2.2	5 + 5 + 2 ✓ Yamukela noma yiyiphi indlela okuyiyo	1				
8.2.3	10 + 10 = 46 ✓ Yamukela noma yiyiphi indlela okuyiyo	1				
8.2.4	2 + 3 = 30 ✓ Yamukela noma yiyiphi indlela okuyiyo	1				
8.3	9 ✓	1				
9.1	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>shelela</td> <td>ginqika ✓</td> </tr> </table>	shelela	ginqika ✓	1	4	
shelela	ginqika ✓					
9.2		1				
9.3	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Izinto ezingagingqika</td> <td>Izinto ezingashelela</td> </tr> <tr> <td>Yamukela noma yiyiphi into egingqikayo ✓</td> <td>Yamukela noma yiyiphi into eshelelayo ✓</td> </tr> </table>	Izinto ezingagingqika	Izinto ezingashelela	Yamukela noma yiyiphi into egingqikayo ✓	Yamukela noma yiyiphi into eshelelayo ✓	2
Izinto ezingagingqika	Izinto ezingashelela					
Yamukela noma yiyiphi into egingqikayo ✓	Yamukela noma yiyiphi into eshelelayo ✓					
10.1		1	4			
10.2		2				

Umbuzo	IZIMPENDULO EZILINDELEKILE	Amamaki	Isamba
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 noma amashumi ayisishiyagalombili ✓	1	
12.2.1	70 noma amashumi ayisikhombisa ✓	1	
12.2.2	3 noma kuthathu ✓	1	
13.1.1	58 ✓	1	10
13.1.2	14 nohhafu ✓	1	
13.2.1	12 ✓; 8 ✓; 6 ✓	3	
13.2.2	36 ✓; 20 ✓; 28 ✓	3	
13.3.1	12 6 + 6 = 12 ✓	1	
13.3.2	16 8 + 8 = 16 ✓	1	
14.1	< ✓	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	

Umbuzo	IZIMPENDULO EZILINDELEKILE	Amamaki	Isamba												
15.2	<table border="1"> <tr> <td>izimoto</td> <td>1</td> <td>3</td> <td>5</td> <td>6✓</td> <td>9</td> </tr> <tr> <td>amasondo</td> <td>4</td> <td>12✓</td> <td>20</td> <td>24</td> <td>36✓</td> </tr> </table>	izimoto	1	3	5	6✓	9	amasondo	4	12✓	20	24	36✓	1 1 1	7
izimoto	1	3	5	6✓	9										
amasondo	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>Into</td> <td>Isisindo</td> </tr> <tr> <td>Usawoti /Salt</td> <td>1 kg ✓</td> </tr> <tr> <td>Irayisi/ Rice</td> <td>2 kg ✓</td> </tr> <tr> <td>Ushukela/Sugar</td> <td>5 kg ✓</td> </tr> </table>	Into	Isisindo	Usawoti /Salt	1 kg ✓	Irayisi/ Rice	2 kg ✓	Ushukela/Sugar	5 kg ✓	1 1 1	5				
Into	Isisindo														
Usawoti /Salt	1 kg ✓														
Irayisi/ Rice	2 kg ✓														
Ushukela/Sugar	5 kg ✓														
17.3	siyasinda ✓	1													
18.1	<p>36 - 4 → 32 - 4 → 28 - 4 → 24 - 4 → 20 - 4 → 16 - 4 12 - 4</p> <p>8 - 4 → 4 - 4 → 0 →</p> <p>Bangenza amaphakethe ayisi-9 ✓ Awekho ama-apula ayosala. ✓</p> <p>Nika imaki eli-1 nganoma yiyiphi indlela esetshenzisiwe efanele.</p>	1 1													
18.2	<p>38 - 4 → 34 - 4 → 30 - 4 → 26 - 4 → 22 - 4 → 18 - 4 14 - 4</p> <p>10 - 4 → 6 - 4 → 2 →</p> <p>Amaphakethe ayisi-9 ✓ kuyosala oku-2✓</p> <p>Nika imaki eli-1 nganoma yiyiphi indlela esetshenzisiwe.</p>	1 1	4												

Umbuzo	IZIMPENDULO EZILINDELEKILE	Amamaki	Isamba
19.1	12 ✓	1	2
19.2	12 ✓	1	
20.1	Ushintshi = $R20 - (R12 + R4)$ noma $R20 - R12 - R4$ $= R20 - R16$ ✓ $= R8 - R4$ $= R4$ ✓ $= R4$	1 1	6
20.2	✓ $R20 \div R4 = 5$ ✓ or $R4 = R16 - R4 = R12 - R4 = R8 - R4 = R4$ ✓ $R4 = 0$ 5 ama-ayisikhrimu ✓	1 1	
20.3	$R12 + R12 = R24$ ✓ $R24 - R20 = R4$ Uzoshoda ngama- $R4$ ✓	1 1	
21.1	5 ✓	1	
21.2	nhlanu ✓	1	4
21.3	4 ✓ nesi -1 esikhulu. ✓	2	
22.1	✓ ✓ $4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 = 36$ noma $9 \times 4 = 36$ Nika imaki eli-1 nganoma yiyiphi indlela esetshenzisiwe.	1 1	4
22.2	✓ ✓ $9 \times 4 = 36$ noma $9 + 9 + 9 + 9 = 36$ Nika imaki eli-1 nganoma yiyiphi indlela esetshenzisiwe.	1 1	
23.1.1	Phumulani ✓	1	
23.1.2	13 ✓	1	
23.2.1	6 ✓	1	
23.2.2	4 ✓	1	

Umbuzo	IZIMPENDULO EZILINDELEKILE	Amamaki	Isamba																																					
23.2.3	5✓	1																																						
23.2.4	3✓	1																																						
23.2.5	<table border="1" data-bbox="320 607 1294 1346"> <tr> <td data-bbox="320 607 528 1346" rowspan="9">Inani labafana</td> <td data-bbox="528 607 740 689">✓</td> <td data-bbox="740 607 922 689"></td> <td data-bbox="922 607 1112 689"></td> <td data-bbox="1112 607 1294 689"></td> </tr> <tr> <td data-bbox="528 689 740 772">☺</td> <td data-bbox="740 689 922 772"></td> <td data-bbox="922 689 1112 772">✓</td> <td data-bbox="1112 689 1294 772"></td> </tr> <tr> <td data-bbox="528 772 740 855">☺</td> <td data-bbox="740 772 922 855">✓</td> <td data-bbox="922 772 1112 855">☺</td> <td data-bbox="1112 772 1294 855"></td> </tr> <tr> <td data-bbox="528 855 740 938">☺</td> <td data-bbox="740 855 922 938">☺</td> <td data-bbox="922 855 1112 938">☺</td> <td data-bbox="1112 855 1294 938">✓</td> </tr> <tr> <td data-bbox="528 938 740 1021">☺</td> <td data-bbox="740 938 922 1021">☺</td> <td data-bbox="922 938 1112 1021">☺</td> <td data-bbox="1112 938 1294 1021">☺</td> </tr> <tr> <td data-bbox="528 1021 740 1104">☺</td> <td data-bbox="740 1021 922 1104">☺</td> <td data-bbox="922 1021 1112 1104">☺</td> <td data-bbox="1112 1021 1294 1104">☺</td> </tr> <tr> <td data-bbox="528 1104 740 1187">☺</td> <td data-bbox="740 1104 922 1187">☺</td> <td data-bbox="922 1104 1112 1187">☺</td> <td data-bbox="1112 1104 1294 1187">☺</td> </tr> <tr> <td data-bbox="528 1187 740 1270">Ezemidlalo</td> <td data-bbox="740 1187 922 1270">IDrama</td> <td data-bbox="922 1187 1112 1270">Ezenkolo</td> <td data-bbox="1112 1187 1294 1270">Izindaba</td> </tr> <tr> <td colspan="4" data-bbox="528 1270 1294 1346">Izinhlelo zeThelevishini</td> </tr> </table>	Inani labafana	✓				☺		✓		☺	✓	☺		☺	☺	☺	✓	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	Ezemidlalo	IDrama	Ezenkolo	Izindaba	Izinhlelo zeThelevishini				4	10
Inani labafana	✓																																							
	☺			✓																																				
	☺		✓	☺																																				
	☺		☺	☺	✓																																			
	☺		☺	☺	☺																																			
	☺		☺	☺	☺																																			
	☺		☺	☺	☺																																			
	Ezemidlalo		IDrama	Ezenkolo	Izindaba																																			
	Izinhlelo zeThelevishini																																							