



## basic education

Department:  
Basic Education  
REPUBLIC OF SOUTH AFRICA

### UKUHLOLA KUKAZWELONKE KONYAKA NONYAKA 2012 IBANGA 3 METHAMETHIKISI-ISIZULU IMEMORANDAMU YESIVIVINYO

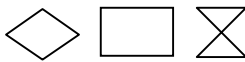
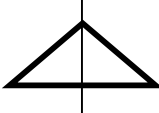
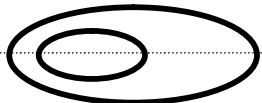
**AMAMAKI: 60**

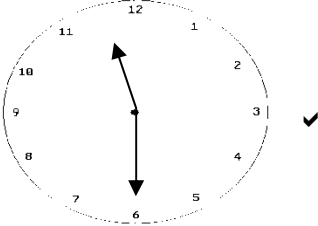
**Le memorandamu inamakhasi ama-3.**

**Indlela yokumaka iphepha:**

- 1. Nikeza amamaki aphelele ngempendulo efanele ngaphandle uma kuchazwe ngenye indlela.**
- 2. Vumela noma iyiphi indlela engekho kwimemorandamu, enika impendulo elindelwe.**

UMBUZO	IZIMPENDULO EZILINDELEKILE	AMAMAKI	ISAMBA
1.	a. 100; 125; 150 ✓	1	3
	b. 658; 638; 618 ✓	1	
	c. 150; 200; 300 ✓ noma 350 ; 300 ; 200 ✓	1	
2.	a. Amashumi ayisishagalolunye nanhlano ✓ Amagama ezinombolo amukelekile nanganoma yiluphi ulimi olusemthethweni. Ungamjezisi ngenxa yesipelingi okungasona.	1	2
	b. Amakhulu amathathu namashumi ayisikhombisa nambili ✓ Amagama ezinombolo amukelekile nanganoma yiluphi ulimi olusemthethweni. Ungamjezisi ngenxa yesipelingi okungasona.	1	
3.	a. 542, 452, 425, 245 ✓	1	2
	b. Ikota, okunye kokuthathu/uhhafu. ✓ Amukela izimpawu ezifanele noma imidwebo yamaqhezu.	1	
4.	a. $400 + 200 + 30 + 10 + 1 + 3$ ✓ $= 600 + 40 + 4$ ✓ $= 644$ ✓ noma $431 + 200 \rightarrow 631 + 10 \rightarrow 641 + 3 \rightarrow 644$	3	
	b. $70 + 2 - 30 - 7$ $= 60 + 12 - 30 - 7$ ✓ or $72 - 30 \rightarrow 42 - 7 \rightarrow 35$ $= 60 - 30 + 12 - 7$ $= 30 + 5$ ✓ $= 35$ ✓	3	
	c. $3 \times 1 = 3$ ✓ $3 \times 30 = 90$ noma $3 \times 31 = 93$ ✓ ✓ $3 + 90 = 93$ ✓ $31 + 31 + 31 = 93$ ✓ ✓	2	
	d. Kanye $80 \div 4 = 20$ ✓ Imethod: imaki eli-1		

		no 4 ÷ 4 = 1 Okusho ukuthi 20 + 1 = 21 ✓	2	10										
5.	a.	70 noma 7T/t noma amashumi ayisi-7 noma amashumi ayisikhombisa ✓	1	2										
	b.	500 noma 5H/h noma amakhulu ama-5 noma amakhulu amahlanu ✓	1											
6.		22, 23, 25, ✓	1	1										
7.	a.	(2 x R1,50) + R1,00 = R4,00 ✓ Ushintshi = R5 - R4 = R1/100c ✓ Susa imaki umakungekho iyuniti empendulweni.	3	6										
	b.	✓      ✓      ✓ R3,40 - R1,75 = R1,65 Susa imaki umakungekho iyuniti empendulweni.	3											
8.	a.	✓      ✓ Inamba yamathayi = 12 x 5 = 60	2	4										
	b.	✓      ✓ Inamba yamakhekhe = 69 ÷ 2 = 34 nohhafu	2											
9.	a.	572 ✓	1	6										
	b.	300 + 80 + 5 ✓ Amukela nanganoma yiluphi uhlelo.	1											
	c.	49 + 49 = 98 ✓ noma 2 x 49 = 98 ✓	1											
	d.	397 , 398 , 399 , 400 , 401, 402 ✓	1											
	e.	137 ✓	1											
	f.	C / 300 ✓ Amukela nanoma impendulo efanele ikokelezwe noma idwetshelwe.	1											
10.	a.	 ✓	1	2										
	b.	275 ✓	1											
11.		<table><tr><th>2-D isheyiphu</th><th>3-D isheyiphu</th></tr><tr><td>Unxantathu/itrayingili</td><td>Ikhiyubhi/lbhokisi</td></tr><tr><td>Unxande/irethingili</td><td>Isilinda</td></tr></table> Amukela izimpendulo ezifanele nanganoma yiluphi uhlelo ohlwini ngalunye.	2-D isheyiphu	3-D isheyiphu	Unxantathu/itrayingili	Ikhiyubhi/lbhokisi	Unxande/irethingili	Isilinda	<table><tr><td>1</td><td>1</td></tr><tr><td>1</td><td>1</td></tr></table>	1	1	1	1	4
2-D isheyiphu	3-D isheyiphu													
Unxantathu/itrayingili	Ikhiyubhi/lbhokisi													
Unxande/irethingili	Isilinda													
1	1													
1	1													
12.	a.	 ✓	1	2										
	b.	 ✓	1											

13.	a.	31 ✓	1	3
	b.	4 ✓	1	
	c.	uLwesihlanu ✓	1	
14.	a.	B ✓	1	3
	b.	<ul style="list-style-type: none"> <li>• uthi lwamahora ludwetshwe lwaphakathi kwe-11 ne-12.</li> <li>• uthi lwamaminithi kumele lube lude kunothi lwamahora futhi lukhombwe kwinamba eyisi-6</li> </ul> 	1	
	c.	90 ✓	1	
15.	a.	Ikhilogremu. ✓	1	4
	b.	Amalitha. ✓	1	
	c.	Amasentimitha. ✓	1	
	d.	Amasentimitha ayi-15 ✓	1	
16.		45 ✓	1	1
17.	a.	7 ✓	1	5
	b.	Kim ✓	1	
	c.	Amasentimitha ayi-140 ✓	1	
	d.	Yamukela impendulo ephakathi kwamasentimitha ayi-100 nayi-120, isibonelo: amasentimitha ayi-110 ✓	1	
	e.	Pat ✓	1	
ISAMBA:				60