



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

IIMVAVANYO ZONYAKA NONYAKA KUZWELONKE WAMA- 2012 IBANGA 3 MATHEMATIKA-ISIXHOSA UVIWO IMEMORANDAM


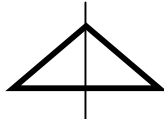
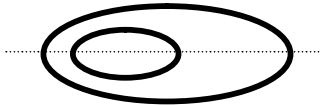
AMANQAKU: 60

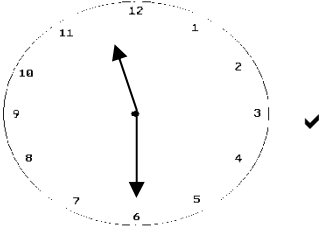
Le memorandam inamaphepha a-3.

Indlela yokunika amanqaku:

1. Nika amanqaku apheleleyo ngeempendulo kuphela, ngaphandle kokuba ikhona enye into oyixelelweyo.
2. Yamkela nayiphi impendulo echanekileyo engekho kwimemorandam.

IMIBUZO	IIMPENDULO EZILINDELEKILEYO	AMANQAKU	EWONKE
1.	a. 100; 125; 150 ✓ b. 658; 638; 618 ✓ c. 150; 200; 300 ✓ okanye 300 ; 200 ; 150 ✓	1 1 1	3
2.	a. Amashumi alithoba anesihlanu ✓ Yamkela igama lenani elifanelekileyo nangaluphi na ulwimi olusemthethweni. Ungabathatheli manqaku ngenxa yopelo olugwenxa. b. Amakhulu amathathu anamashumi asixhenxe anesibini ✓ Yamkela igama lenani elifanelekileyo nangaluphi na ulwimi olusemthethweni. Ungabathatheli manqaku ngenxa yopelo olugwenxa.	1 1	2
3.	a. 542, 452, 425, 245 ✓ b. 1 kwisine, 1 kwisithathu, 1 kwisibini ✓ Yamkela iimpawu okanye imizobo eyamkelekileyo yamaqhezu.	1 1	2
4.	a. $400 + 200 + 30 + 10 + 1 + 3$ ✓ $= 600 + 40 + 4$ ✓ $= 644$ ✓ okanye $431 + 200 \rightarrow 631 + 10 \rightarrow 641 + 3 \rightarrow 644$ b. $70 + 2 - 30 - 7$ ✓ $= 60 + 12 - 30 - 7$ ✓ okanye $72 - 30 \rightarrow 42 - 7 \rightarrow 35$ $= 60 - 30 + 12 - 7$ $= 30 + 5$ ✓ $= 35$ ✓ c. $3 \times 1 = 3$ ✓ $3 \times 31 = 93$ ✓ ✓ $3 \times 30 = 90$ okanye $3 + 90 = 93$ ✓ $31 + 31 + 31 = 93$ ✓ ✓ d. ukuba $80 \div 4 = 20$ ✓ indlela yokubala: inqaku1 no $4 \div 4 = 1$ impendulo: inqaku1 ithetha ukuba $u-20 + 1 = 21$ ✓	3 3 2 2	10

5.	a.	70 okanye 7T/t okanye amashumi asi-7 okanye amashumi asixhenxe ✓	1	2										
	b.	500 okanye 5H/h okanye amakhulu ama-5 okanye amakhulu amahlanu ✓	1											
6.		22, 23, 25, ✓	1	1										
7.	a.	(2 x R1,50) + R1,00 = R4,00 ✓ itshintshi = R5 - R4 = R1/100c ✓ Thabatha inqaku xa iyunithi yemali ingebhalwanga kwimpendulo.	3	6										
	b.	✓ ✓ ✓ R3,40 - R1,75 = R1,65 Thabatha inqaku xa iyunithi yemali ingebhalwanga kwimpendulo.	3											
8.	a.	✓ ✓ Inani lamavili = 12 x 5 = 60	2	4										
	b.	✓ ✓ Inani leebhisikithi = 69 ÷ 2 = 34 nesiqingatha.	2											
9.	a.	572 ✓	1	6										
	b.	300 + 80 + 5 ✓ Yamkela nokuba zilandelelana ngaluphi na uhlobo.	1											
	c.	49 + 49 = 98 ✓ nofana 2 x 49 = 98 ✓	1											
	d.	397 , 398 , 399 , 400 , 401, 402 ✓	1											
	e.	137 ✓	1											
	f.	C / 300 ✓ Yamkela impendulo echanekileyo enesangqa okanye ekrwelelwe umgca.	1											
10.	a.	 ✓	1	2										
	b.	275 ✓	1											
11.		<table><tr><td>limilo ezingamacala ama-2</td><td>Izinto ezinamacala ama-3</td></tr><tr><td>Unxantathu</td><td>Ityhubhu/Ibhokisi</td></tr><tr><td>Uxande</td><td>Isilinda</td></tr></table> Yamkela iimpendulo ezamkelekileyo nokuba zilandelelana ngaluphi na uhlobo kuluhlu ngalunye.	limilo ezingamacala ama-2	Izinto ezinamacala ama-3	Unxantathu	Ityhubhu/Ibhokisi	Uxande	Isilinda	<table><tr><td>1</td><td>1</td></tr><tr><td>1</td><td>1</td></tr></table>	1	1	1	1	4
limilo ezingamacala ama-2	Izinto ezinamacala ama-3													
Unxantathu	Ityhubhu/Ibhokisi													
Uxande	Isilinda													
1	1													
1	1													
12.	a.	 ✓	1	2										
	b.	 ✓	1											
13.	a.	31 ✓	1											
	b.	4 ✓	1											

	c.	Lwesihalnu ✓	1	3
14.	a.	B ✓	1	3
	b.	<ul style="list-style-type: none"> • Usiba olubonisa iyure luzotywe phakathi kwe 11 ne 12. • Usiba olubonisa imizuzu kufuneka lubelude kunolubonisa iyure lukhombwe ku6. 	1	
	c.	90 ✓	1	
15.	a.	khilogrem. ✓	1	4
	b.	iilitha. ✓	1	
	c.	iisentimitha. ✓	1	
	d.	15 cm ✓	1	
16.		45 ✓	1	1
17.	a.	7 ✓	1	5
	b.	Nana ✓	1	
	c.	140 cm ✓	1	
	d.	Yamkela impendulo ephakathi kuka-100 cm no 120 cm, umz. 110 cm ✓	1	
	e.	Ntombi ✓	1	
AMANQAKU EWONKE:				60