

UVAVANYO LONYAKA NONYAKA KUZWELONKE 2014
IBANGA 3 IMATHEMATIKA: ISIXHOSA
MEMORANDAM

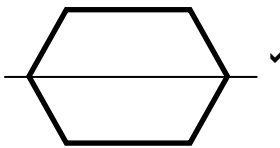
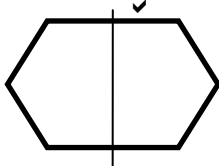
AMANQAKU: 40

Le memorandam inamaphepha ama-4.

Amanqaku okumakisha ngokubanzi:

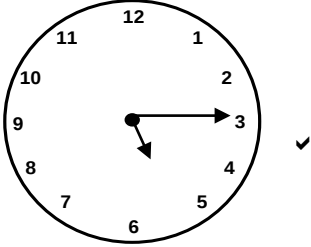
1. Nika amaqaku apheleleyo ngempendulo kuphela, ngaphandle kokuba kuxeliwe.
2. Yamkela nayiphi indlela echanekileyo engekho kule memorandam, ngaphandle kohlobo lwekholam oluthe ngqo, ude ube uxelelwe ngolunye uhlobo.
3. Amanqaku makabhalwe ekunene kwempendulo yombuzo ngamnye.
4. Makangohlwaywa ngopelo olugwenxa.

AMANQAKU AZIIHAFU AWAVUMELEKANGA.

UMBUZO	IIMPENDULO EZILINDELEKILEYO		AMANQAKU
1.	243, 324, 342, 432 ✓	1 inqaku ngolandelelwano oluchanekileyo.	1
2.	421; 321; 221 ✓		1
3.	C ✓	Yamkela impendulo echanekileyo nokuba umfundi ukrwele umgca/(✓)/(X)/ ubiyele/ubhalile.	1
4.	A ✓		1
5.	C ✓		1
6.	A ✓		1
7.1		1 inqaku ngolandelelwano oluchanekileyo lwepateni. - Makangohlwaywa xa ipateni iphindwe ngaphezu kwesinye.	1
7.2	260; 280; 300 ✓ 1 inqaku ukuba omathathu amanani alandelelana ngokuchanekileyo.		1
8.	Isilinda ✓	Yamkela nayiphina impendulo echanekileyo nakoluphi ulwimi olusemthethweni.	1
9.	Unxantathu/itrayengile ✓		1
10.	 okanye  Umgca omnye wamachaphaza okanye ongqingqwa wamkelekile xa ubonise ulingano-macala (isimetri).		1

UMBUZO	IIMPENDULO EZILINDELEKILEYO		AMANQAKU
11.	336 ✓		1
12.	Ikhulu linamashumi amathandathu anesihlanu. ✓	Yamkela nayiphina impendulo echanekileyo nakoluphi ulwimi olusemthethweni.	1
13.	400/amakhulu 4/amakhulu amane/4K ✓		1
14.	20 ✓		1
15.	Ikhilogrem/kg ✓	- Yamkela u1 kg no 500 ml njengeempendulo ezichanekileyo. - Ungasamkeli isiphumo xa singu 1 okanye 500 engekho u kg no ml.	1
16.	Iimililitha/ml ✓		1
17.1	Ihafu/isinye kwisibini/iikota ezi-2/iikota ezimbini ✓		1
17.2	Linye/1 iqhezu/1 ✓		1
18.1	Inani leebhola = $12 + 12 + 12$ ✓ = $10 + 10 + 10 + 2 + 2 + 2$ = $30 + 6$ = 36 ✓ okanye Inani leebhola = 3×12 ✓ = $3 \times (10+2)$ = $(3 \times 10) + (3 \times 2)$ = $30 + 6$ = 36 ✓ okanye 36 ✓ ✓ 1 inqaku nangeyiphi indlela echanekileyo yokubala, kwakhona 1 inqaku ngempendulo echanekileyo.		2
18.2	50/amashumi amahlanu ✓ Yamkela nayiphi indlela yokubala echanekileyo enika impendulo 50.		1

UMBUZO	IIMPENDULO EZILINDELEKILEYO	AMANQAKU
19.	$42 \div 3 = (30 + 12) \div 3 \checkmark$ $= (30 \div 3) + (12 \div 3)$ $= 10 + 4$ $= 14 \checkmark$ okanye $14 \checkmark \checkmark$ 1 inqaku nangeyiphi indlela echanekileyo yokubala, kwakhona 1 inqaku ngempendulo echanekileyo.	2
20.1	Ujike kasibhozo/8 $\checkmark$	1
20.2	ekunene $\checkmark$ Yamkela impendulo echanekileyo nokuba umfundi ukrwele umgca/($\checkmark$)/ (X)/ ubiyele.	1
21.	$245 + 153 \xrightarrow{\checkmark} 245 + 100 + 50 + 3 \rightarrow 345 + 50 + 3 \rightarrow 395 + 3 \xrightarrow{\checkmark} 398$ okanye $245 + 153 \xrightarrow{\checkmark} 245 + 3 + 50 + 100 \rightarrow 248 + 50 + 100 \rightarrow 298 + 100 \xrightarrow{\checkmark} 398$ 1 inqaku nangeyiphi indlela echanekileyo yokudibanisa (yokongeza), kwakhona 1 inqaku ngempendulo echanekileyo.	2
22.	$489 - 256$ $= 400 + 80 + 9 - 200 - 50 - 6$ $= 400 - 200 + 80 - 50 + 9 - 6 \quad \checkmark$ $= 200 + 30 + 3$ $= 233 \quad \checkmark$ okanye $9 - 6 = 3$ no $80 - 50 = 30 \quad \checkmark$ no $400 - 200 = 200$ ithethe ukuthi $489 - 256 = 233 \quad \checkmark$ 1 inqaku nangeyiphi indlela echanekileyo yocalucalulo, kwakhona 1 inqaku ngempendulo echanekileyo.	2
23.1	Ikati/iikati $\checkmark$	1
23.2	8/sibhozo $\checkmark$	1
24.1	Igubu nekatala - Nika inqaku ngezixhobo zozibini ezichanekileyo. - Akukho nqaku liyakunikwa ngesixhobo somculo esinye.	1
24.2	R31,75 $\checkmark$	1
25.1	350c $\checkmark$	1

UMBUZO	IIMPENDULO EZILINDELEKILEYO	AMANQAKU
25.2	R2,00 ✓	1
26.	$42 \div 2 = (40 + 2) \div 2$ $= (40 \div 2) + (2 \div 2)$ $= 20 + 1 \checkmark$ $= 21 \checkmark$ okanye 21 ✓ ✓ 1 inqaku nangeyiphi indlela echanekileyo yokubala, kwakhona 1 inqaku ngempendulo echanekileyo.	2
27.	Usiba olude malube ku-3 luze usiba olufutshane lube phakathi ko 5 no 6. 	1
28.	 1 Inqaku ngemitsi yomibini echanekileyo okanye 1 inqaku ngomtsi omnye ukusuka ku 25 ukuya ku 50.	1
EWONKE: 40		