

UKUHLOLWA KWELIZWELOKE KOMNYAKA NOMNYAKA 2012
IGREYIDI LESI- 3 IIMBALO-ISINDEBELE
IMEMORANDAMU (BRAILLE)

Isiyeleliso sokutshwaya:

1. Nikela imitlomelo ephелеleko eempendulweni ekungizo kwaphela, ngaphandle kwalokha nakutjiwo ngenye indlela.
2. Yamukela enye nenye ipendulo ekungiyo engakafakwa kumemorandamu.

UMBUZO		IIMPENDULO EZILINDELEKILEKO	IMITLOMELO	INANI
1.	a.	100; 125; 150 ✓	1	3
	b.	658; 638; 618 ✓	1	
	c.	150; 200; 300 ✓ nofana 350 ; 300 ; 200 ✓	1	
2.	a.	Matjhum i alithoba nahlanu ✓ Yamukela amabizo Weenomboro nanyana ngaliphi ilimi elisemthethweni begodu ungayeleti ukupeledwa.	1	2
	b.	Makhulu amathathu namatjhum i alikhomba nambili ✓ Yamukela amabizo weenomboro nanyana ngaliphi ilimi elisemthethweni begodu ungayeleti ukupeledwa.	1	
3.	a.	542,452,425,245 ✓	1	2
	b.	1 ikota, 1 isithathu, 1 isiquntu ✓ Yamukelwa umgwalo nofana amatshwayo wamafraktjhini.	1	
4.	a.	400 + 200 + 30 + 10 + 1 + 3 ✓ = 600 + 40 + 4 ✓ = 644 ✓ 		

6.		yama-22, yama-23, yama-25 ✓	1	1						
7.	a.	(2 x R1,50) + R1,00 = R4,00 ✓ Itjhentjhi = R5 – R4 = R1/100c ✓ Susa imaki nange kungana mayunithi ependulweni	3	6						
	b.	✓ ✓ ✓ R3,40 – R1,75 = R1,65 Susa imaki nange kungana mayunithi ependulweni.	3							
8.	a.	✓ ✓ Inani lamatayere = 12 x 5 = 60	2	4						
	b.	✓ ✓ Inani yamabhisikidi = 69 ÷ 2 = 34 nesiquntu	2							
9.	a.	572 ✓	1	6						
	b.	300 + 80 + 5 ✓ Yamukela ngiliphi ilandelwano.	1							
	c.	49 + 49 = 98 nofana 2 x 49 = 98 ✓	1							
	d.	397 , 398 , 399 , 400 , 401 , 402 ✓	1							
	e.	137 ✓	1							
	f.	C nofana 300 ✓ Yamukela ipendulo okungiyoy nanyana ithalelwe nofana izungeleziwe.	1							
10.	a.	f g d ✓	1	2						
	b.	275 ✓	1							
11.	<table><tr><td>2-D amabumbeko</td><td>3-D izinto</td></tr><tr><td>uncantathu</td><td>isilinda</td></tr><tr><td>uhlangothine</td><td>ikhuyubhu/lbhoksi</td></tr></table> Yamukela ipendulo okungiyoy nanyana ngiliphi ilandelwano.		2-D amabumbeko	3-D izinto	uncantathu	isilinda	uhlangothine	ikhuyubhu/lbhoksi	1 1 1 1	4
2-D amabumbeko	3-D izinto									
uncantathu	isilinda									
uhlangothine	ikhuyubhu/lbhoksi									
12.	a.	a ✓	1	2						
	b.	b ✓	1							
13.	a.	31 ✓	1	3						
	b.	4 ✓	1							
	c.	Lesihlanu ✓	1							
14.	a.	b ✓	1	3						
	b.	Ilithi elide alibe ku- 6 bese elifitjhani libe e- 11.	1							

	c.	90 ✓	1	
15.	a.	khilogremu. ✓	1	4
	b.	malitha. ✓	1	
	c.	sentimitha. ✓	1	
	d.	15 cm ✓	1	
16.		45 ✓	1	1
17.	a.	7 ✓	1	5
	b.	Bongi ✓	1	
	c.	140 cm ✓	1	
	d.	Thatha nanyana ngiyiphi ipendulo ephakathi kwe-100 cm ne- 120 cm, isibonelo. 110 cm ✓	1	
	e.	Phathekile ✓	1	
INANI: 60				