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PAPERS



Candidate Barcode label/ Ilevbhel yebhakhawdi Yomfund

SC/NSC Answer Book
SS/NSS-Incwadi Yokuphendula

Senior Certificate/National Senior Certificate/Senior (Grade 12/Ibanqa 12)

CENTRE NUMBER <i>INOMBOLO YESENTA</i>						
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[illegible]

DATE <i>Umhla</i>	
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BOOK NUMBER <i>INOMBOLO</i> <i>YENCWADI</i>		OF <i>YE</i>		BOOKS <i>NCWADI</i>
--	--	------------------------	--	-------------------------------

SUBJECT CODE <i>IKHOWUDI YESIFUNDO</i>					
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PAPER NUMBER <i>INOMBOLO YEPHEPHA</i>	2
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SUBJECT NAME IGAMA LESIFUNDO	MATHEMATICS/MATHEMATIKA
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MARKER/					MODERATOR'S INITIALS IN RELEVANT BLOCK															
Question Umbuzo	Marks Amanqaku			Marker's Code and Initials	Marks Amanqaku	SM	Marks Amanqaku	DCM	Marks Amanqaku	CM	Marks Amanqaku	IM	Marks Amanqaku	EM						
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
				TOTAL/ AMANQAKU EWONKE																

CONTROLLED AND CERTIFIED CORRECT
(SURNAME AND INITIALS OF EA)/
IPHATHWE YAZE YAQINISEKISWA
NGOKWENENE (IFANI NE INISHIYALI ZE EA)

READ INSTRUCTIONS ON THE NEXT PAGE./
FUNDA IMIYALELO KWIPHEPHA ELILANDELAYO.

This answer book consists of 23 pages./Lencwadi yokuphendulela iqulathe amaphepha ayi 23.

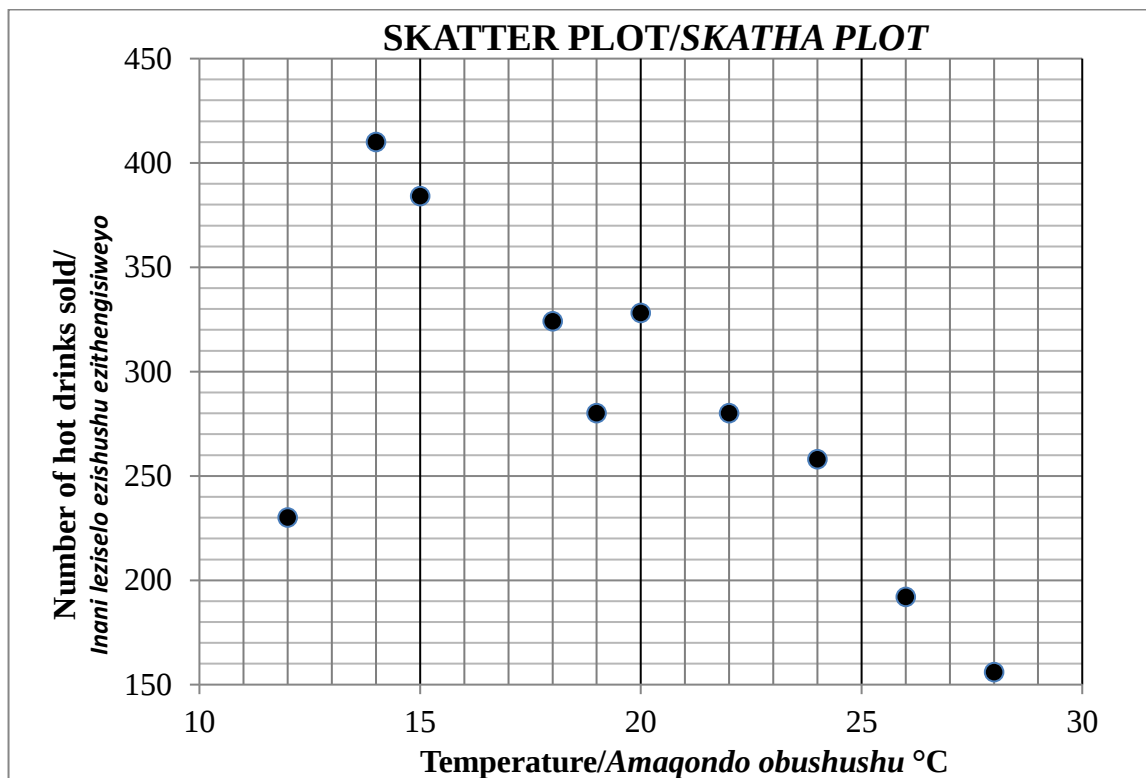


PLEASE FOLLOW THESE INSTRUCTIONS CAREFULLY	NCEDA LANDELA LEMITYALELO ELANDELAYO
- Clearly write your examination number and centre number in the space provided and attach your barcode label in the space provided. - Remember that your own name (or the name of your school) may NOT appear anywhere on or in this answer book. - Answer ALL questions in the spaces provided. - NO pages may be torn from this answer book. - Read the instructions printed on your timetable carefully as well as any other instructions which may be given in each question paper. - Candidates may NOT retain an answer book or remove it from the examination room. - Answers must be written in black/blue ink as distinctly as possible. Do NOT write in the margins. - Write the numbers of the questions you have answered on the front cover of the answer book where marks are to be recorded. - If you require additional space for your answers: - Use the additional space provided at the end of the answer book. - When answering a question in the additional space, clearly indicate the question number in the column on the LHS. - Rule off after each answer. - Draw a neat line through any work/rough work that must not be marked.	<i>Bhala ngokucacileyo inombolo yakho yoviwo kwisithuba esinikeziweyo uze uncamathisele umbhalo onebhakhawudi kwisithuba esinikeziweyo</i> <i>Khumbula ukuba igama lakho (okanye igama lesikolo) aliNOKUBONAKALA naphina okanye kule ncwadi yokuphendulela</i> <i>Phendula YONKE imibuzo kwisithuba esinikeziweyo</i> <i>AKUKHO pheoha omawilikrazule kulencwadi yokuphendulela</i> <i>Funda imiyalelo ebhaliweyo kwithaymthebhile yakho ngocoselelo nayo nayiphina eminye imiyalelo enonikezwa kwiphepha lemibuzo ngalinye</i> <i>Abafundi abaVUMELEKANGA ukugcina incwadi yokuphendulela okanye bayisuse kwigumbi lokubhalela</i> <i>Iimpendulomazibhalwe ngeinki emnyama/ebhlu ngokucacileyo. Ungabhali kwimajini</i> <i>Bhala iinombolo zemibuzooyiphendulileyo kwiqweqwe langaphandle lencwadi yokuphendulela apho kuzofakwa khona amanqaku.</i> <i>Ukuba ngaba udinga isithuba esongezelelweyo sokuphendulela:</i> <i>Sebenzisa isithuba esongezelelweyo esinikezwe ekupheleni kwencwadi yokuphendulela.</i> <i>Xa uphendula umbuzokwisithuba esongezelelweyo, bonisa ngokucacileyo inombolo kwikholam engasekhohlo</i> <i>Kwrelela emva kombuzo ngamnye.</i> <i>Zoba umgca ococekileyo kuwo nawuphina umsebenzi/umsebenzi nje ongazukumakishwa</i>



QUESTION/UMBUZO 1

Temperature/ Amaqondo obushushu (in °C / ngokwe °C)	14	24	26	18	20	28	22	15	12	19
Number of hot drinks sold Inani leziselo ezishushu ezithengisiweyo	410	258	192	324	328	156	280	384	230	280

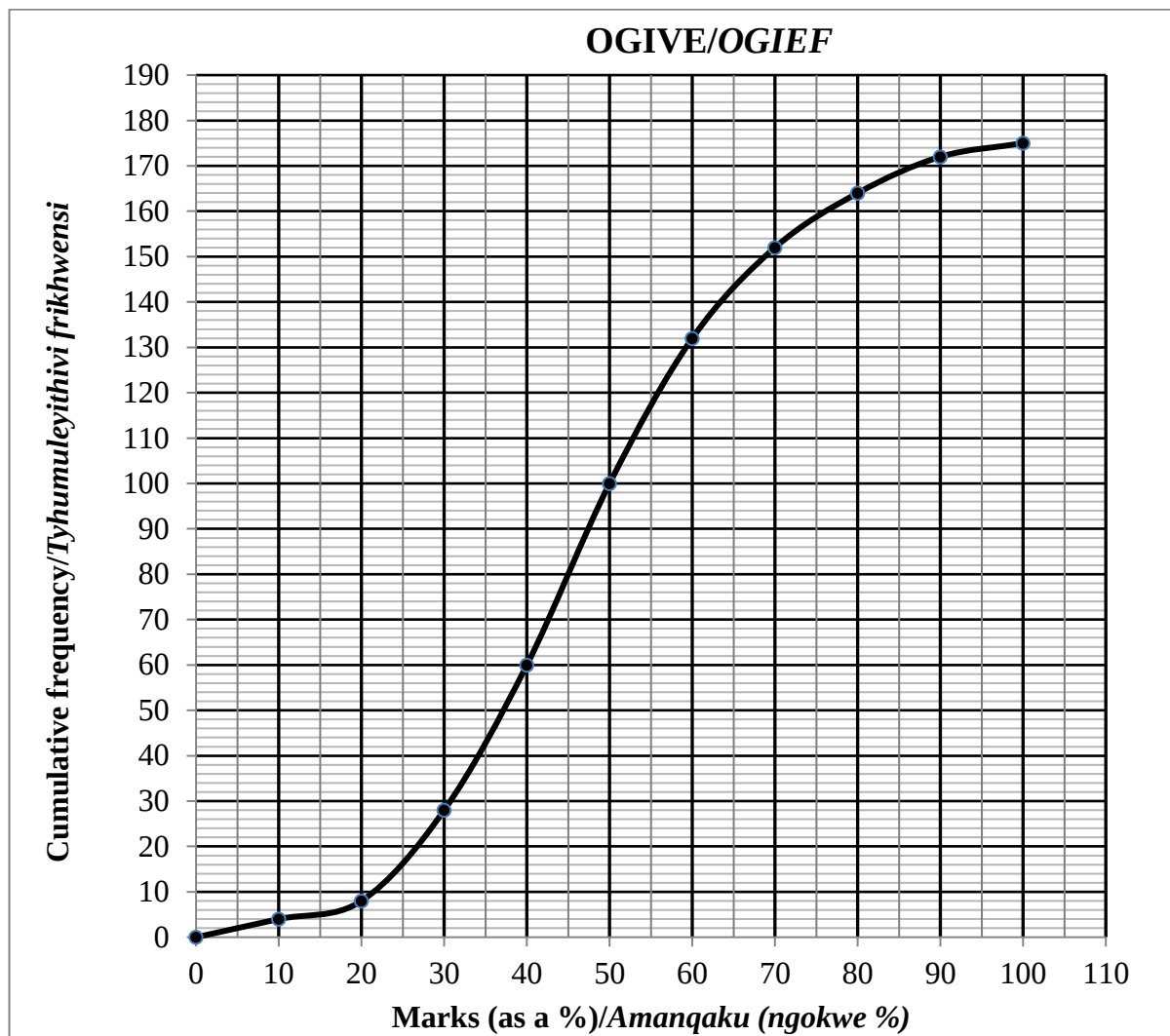


	Solution/Isisombululo	Marks/ Amanqaku
1.1		(1)
1.2		(3)
1.3		(3)
1.4		(1)
		[8]



QUESTION/UMBUZO 2

2.1



	Solution/Isisombululo	Marks/ Amanqaku
2.1.1		(1)
2.1.2		(1)
2.1.3		(2)



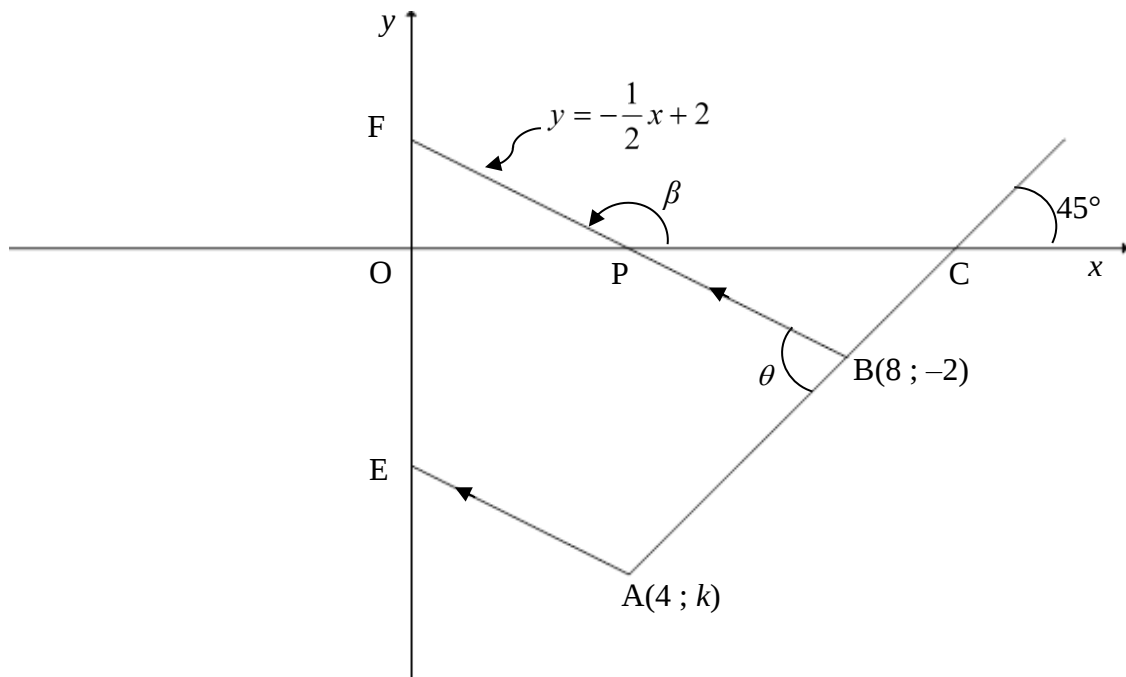
2.2

Marks (as a %) <i>Amanqaku</i> (ngokwe %)	62	58	78	85	74	48	74	84	100	46	80	92	60	90	92
---	----	----	----	----	----	----	----	----	-----	----	----	----	----	----	----

	Solution/Isisombululo	Marks/ <i>Amanqaku</i>
2.2.1		(2)
2.2.2		(1)
2.2.3		(2)
2.3		(3)
		[12]

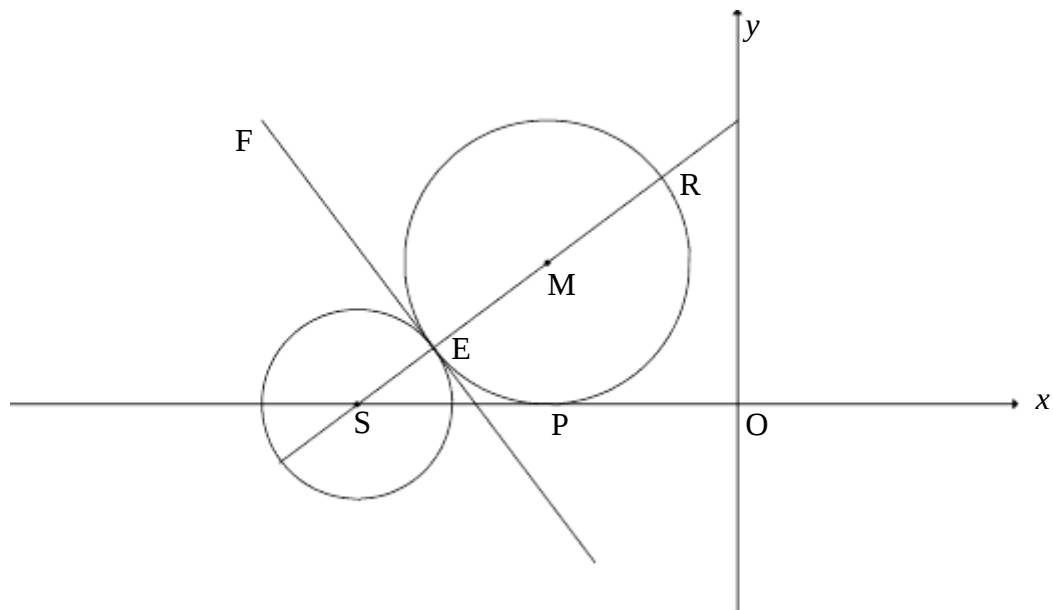


QUESTION/ UMBUZO 3

[illegible]

	Solution/ Isisombululo	Marks Amanqaku
3.4.1		(3)
3.4.2		(3)
3.4.3		(4)
3.5		(4)
		[20]



QUESTION/ UMBUZO 4

	Solution/ Isisombululo	Marks/ Amanqaku
4.1.1		(2)
4.1.2		(1)
4.2.1		(2)
4.2.2		

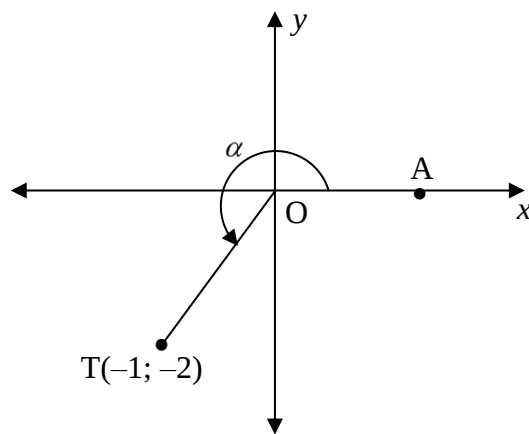


	Solution/ Isisombululo	Marks/ Amanqaku
4.2.2 (cont./ iyaqhubeka.)		(3)
4.2.3		(4)
4.2.4		(2)
4.3		(5)
		[19]



QUESTION/ UMBUZO 5

5.1



	Solution/Isisombululo	Marks Amanqaku
5.1.1		(1)
5.1.2		(2)
5.1.3		(4)

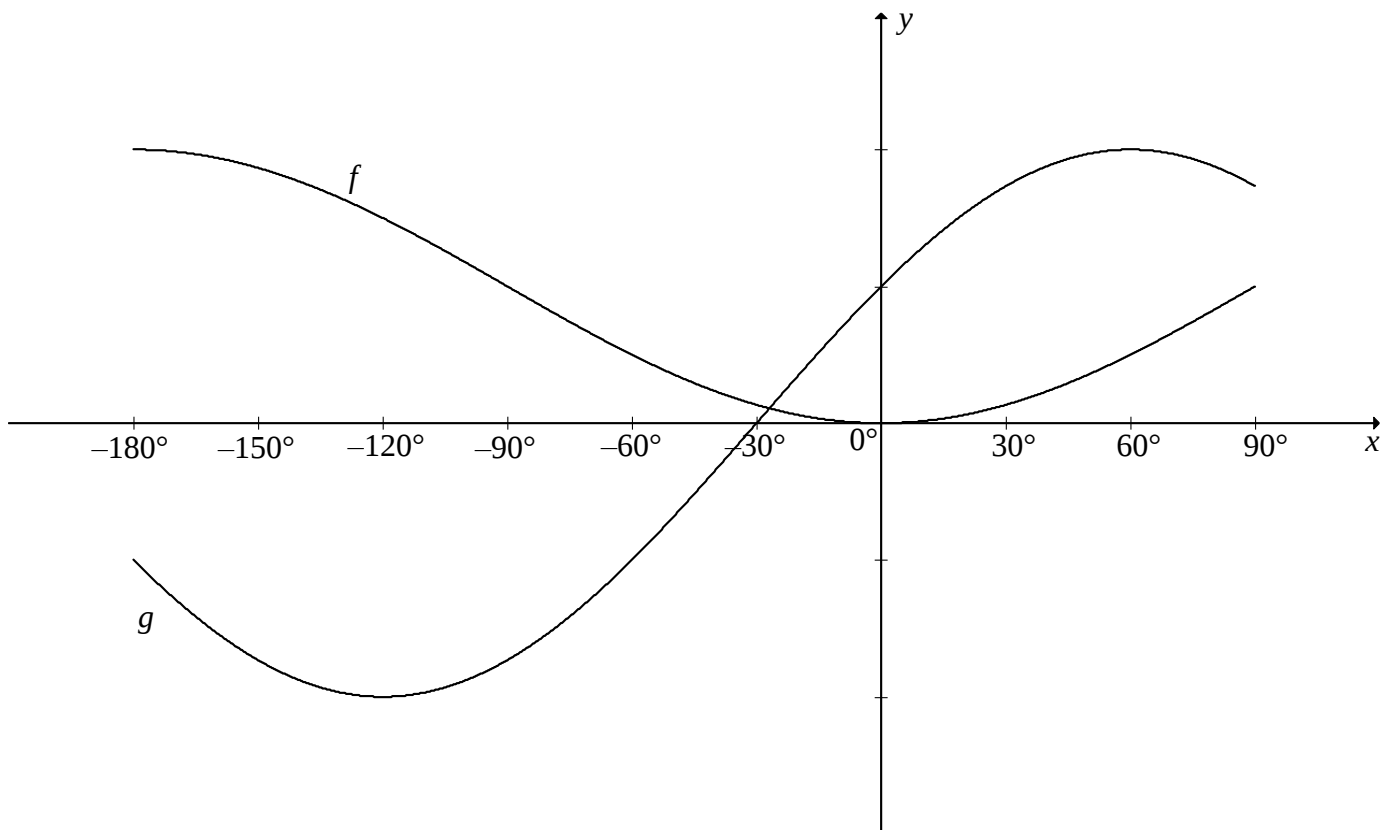


	Solution/Isisombululo	Marks/ Amanqaku
5.2		(4)
5.3.1		(4)
5.3.2		(2)
5.4		



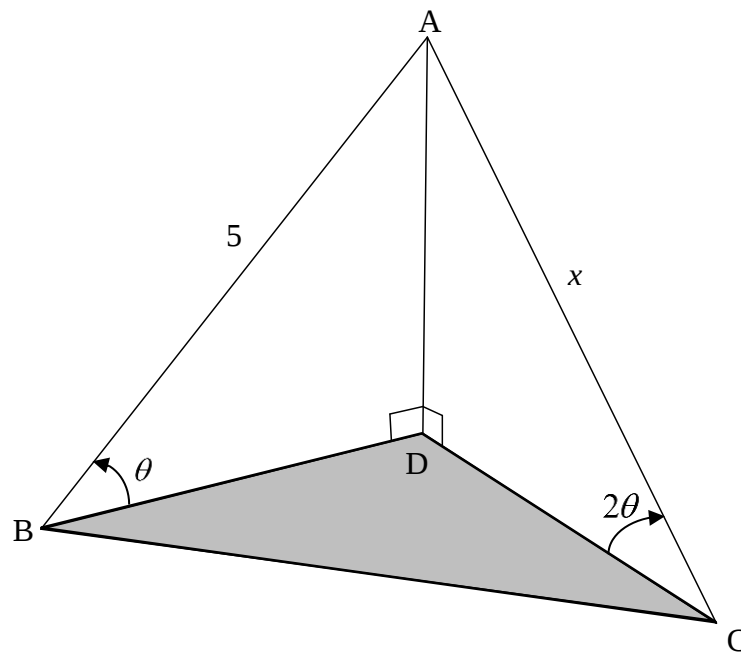
	Solution/Isisombululo	Marks/ Amanqaku
5.4 (cont./ iyaqhubeka)		(5)
5.5		(5)
		[27]



QUESTION/UMBUZO 6

	Solution/ Isisombululo	Marks/ Amanqaku
6.1.1		(2)
6.1.2		(2)
6.2		(2)
		[6]



QUESTION/UMBUZO 7

	Solution/Isisombululo	Marks/ Amanqaku
7.1		(5)
7.2		(3)
		[8]

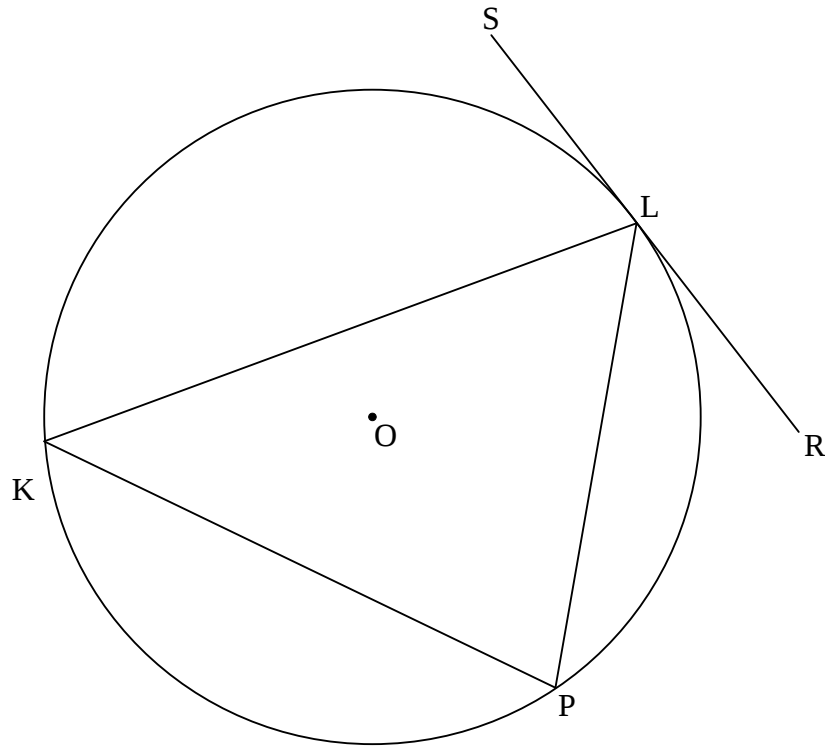


Give reasons for your statements in QUESTIONS 8, 9 and 10.

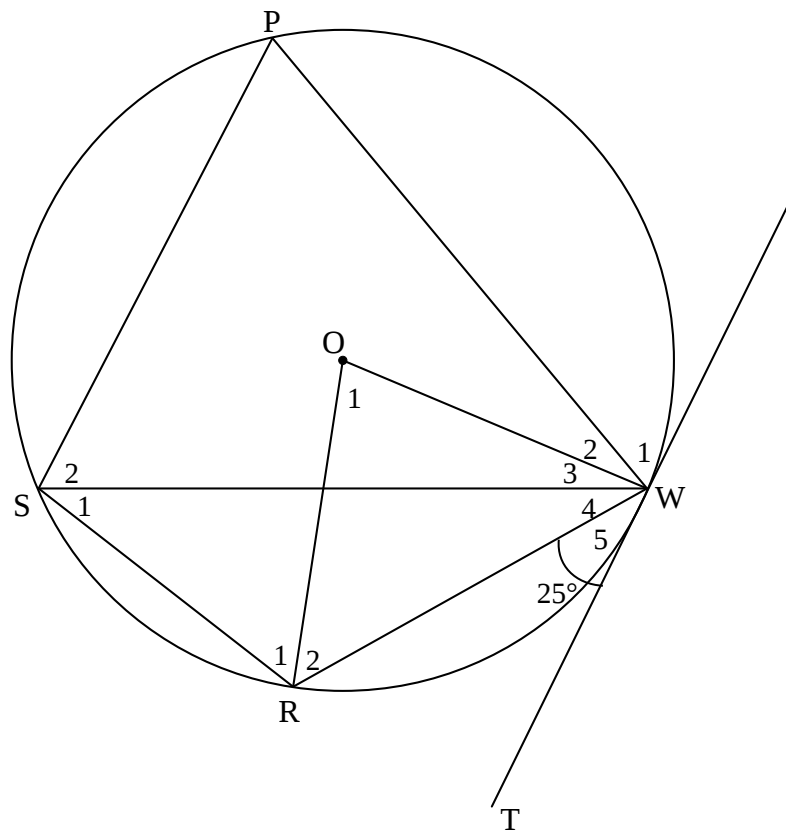
Nika ingxelo kwiMIBUZO 8, 9 no 10.

QUESTION/UMBUZO 8

8.1

[illegible]

8.2



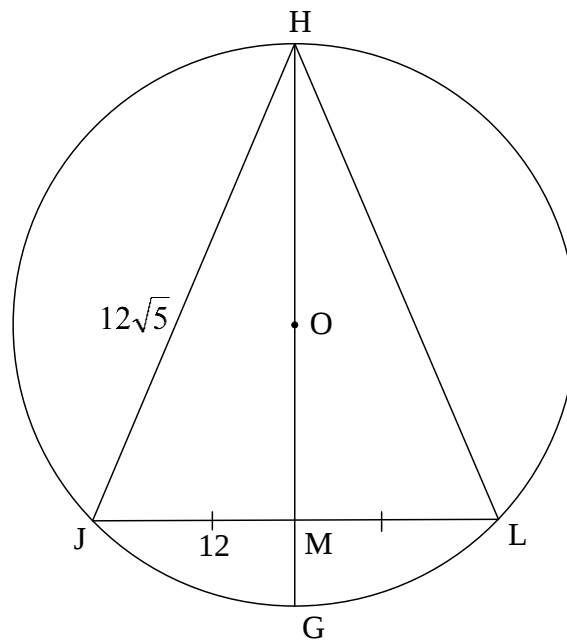
	Solution/Isisombululo o	Marks/ Amanqaku
8.2.1(a)		(2)
8.2.1(b)		(2)



	Solution/Isisombululo	Marks/ Amanqaku
8.2.1(c)		
		(5)
8.2.2		
		(3)

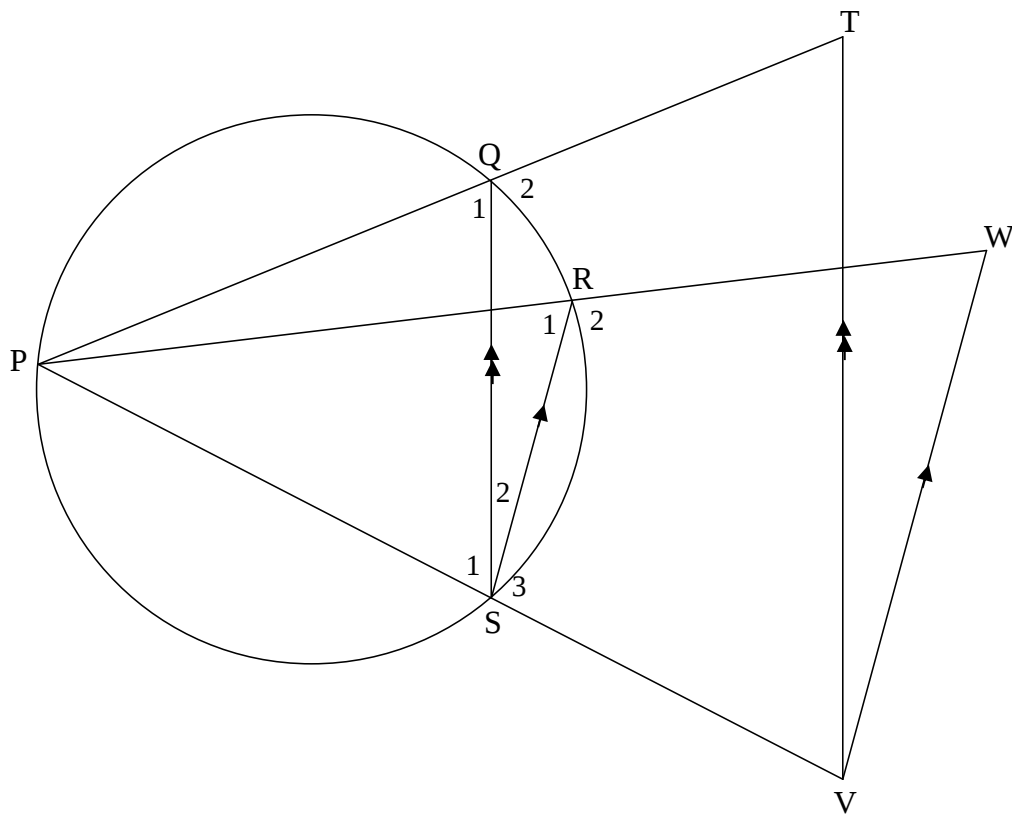


8.3



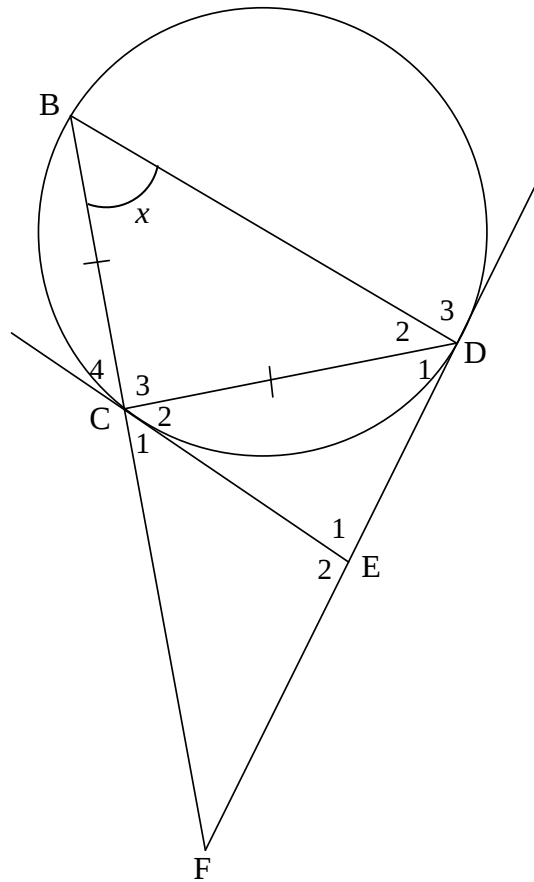
	Solution/Isisombululo	Marks/ Amanqaku
8.3.1		(2)
8.3.2		(5)
		[25]



QUESTION/UMBUZO 9

	Solution/Isisombululo	Marks/ Amanqaku
9.1		(3)
9.2		(5)
		[8]



QUESTION/UMBUZO 10

	Solution/Isisombululo	Marks/ Amanqaku
10.1.1		(5)
10.1.2		(3)



	Solution/Isisombululo	Marks/ Amanqaku
10.2.1		
		(3)
10.2.2		
		(6)
		[17]



[illegible]

[illegible]

TOTAL/AMANQAKU EWONKE: 150



RE-MARK/RE-CHECK UJONGISISO LONIKO-MANQAKU				
Question Umbuzo	Marks Amanqaku			Initials Inishiyali
TOTAL AMANQAKU EWONKE				
HASH TOTAL KAF- AMANQAKU				

