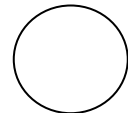




SC/NSC Answer Book
SS/NSS-Incwadi Yokuphendula



Sequence No. on mark sheet
 Volgnummer op puntestaat

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

CENTRE NUMBER
INOMBOLO YESENTA

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EXAMINATION NUMBER
INIMBOLO YOVIWO

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DATE
Umhla

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BOOK NUMBER <i>INOMBOLO YENCWADI</i>	OF <i>YE</i>	BOOKS <i>NCWADI</i>
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SUBJECT CODE
IKHOWUDI YESIFUNDO

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PAPER NUMBER <i>INOMBOLO YEPHEPHA</i>	2
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SUBJECT NAME <i>IGAMA LESIFUNDO</i>	MATHEMATICS/MATHEMATIKA
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MARKER/				MODERATOR'S INITIALS IN RELEVANT BLOCK										
Question <i>Umbuzo</i>	Marks <i>Amanqaku</i>			Marker's Code and Initials	Marks <i>Amanqaku</i>	SM	Marks <i>Amanqaku</i>	DCM	Marks <i>Amanqaku</i>	CM	Marks <i>Amanqaku</i>	IM	Marks <i>Amanqaku</i>	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.

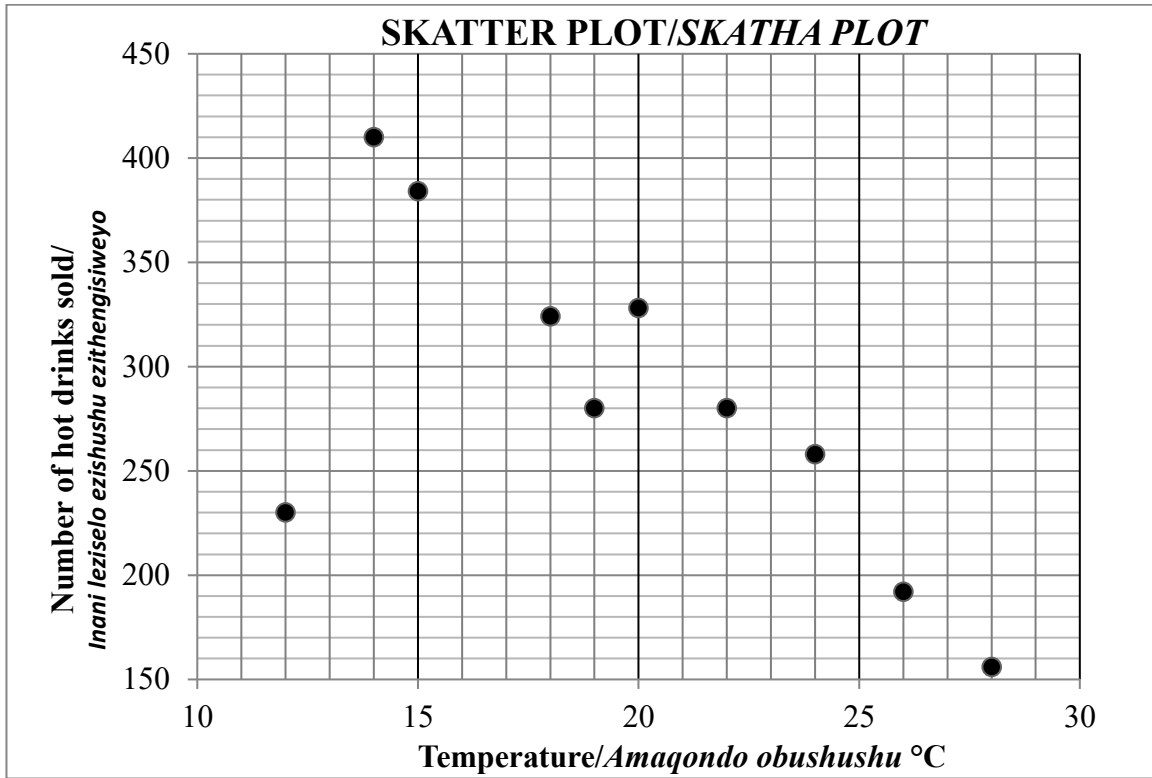


PLEASE FOLLOW THESE INSTRUCTIONS CAREFULLY	NCEDA LANDELA LEMİYALELO ELANDELAYO
1. Clearly write your examination number and centre number in the space provided and attach your barcode label in the space provided.	1. <i>Bhala ngokucacileyo inombolo yakho yoviwo kwisithuba esinikeziweyo uze uncamathisele umbhalo onebhakhowudi kwisithuba esinikeziweyo</i>
2. Remember that your own name (or the name of your school) may NOT appear anywhere on or in this answer book.	2. <i>Khumbula ukuba igama lakho (okanye igama lesikolo) aliNOKUBONAKALA naphina okanye kule ncwadi yokuphendulela</i>
3. Answer ALL questions in the spaces provided.	3. <i>Phendula YONKE imibuzo kwisithuba esinikeziweyo</i>
4. NO pages may be torn from this answer book.	4. <i>AKUKHO pheoha omawilikrazule kulencwadi yokuphendulela</i>
5. Read the instructions printed on your timetable carefully as well as any other instructions which may be given in each question paper.	5. <i>Funda imiyalelo ebhaliweyo kwithaymthebhile yakho ngocoselelo nayo nayiphina eminye imiyalelo enonikezwa kwiphepha lemibuzo ngalinye</i>
6. Candidates may NOT retain an answer book or remove it from the examination room.	6. <i>Abafundi abaVUMELEKANGA ukugcina incwadi yokuphendulela okanye bayisuse kwigumbi lokubhalela</i>
7. Answers must be written in black/blue ink as distinctly as possible. Do NOT write in the margins.	7. <i>Iimpendulomazibhalwe ngeinki emnyama/ebhlu ngokucacileyo. Ungabhali kwimajini</i>
8. Write the numbers of the questions you have answered on the front cover of the answer book where marks are to be recorded.	8. <i>Bhala iinombolo zemibuzooyiphendulileyo kwiqweqwe langaphandle lencwadi yokuphendulela apho kuzofakwa khona amanqaku.</i>
9. If you require additional space for your answers: 9.1 Use the additional space provided at the end of the answer book. 9.2 When answering a question in the additional space, clearly indicate the question number in the column on the LHS. 9.3 Rule off after each answer.	9. <i>Ukuba ngaba udinga isithuba esongezelelweyo sokuphendulela:</i> 9.1 <i>Sebenzisa isithuba esongezelelweyo esinikezwe ekupheleni kwencwadi yokuphendulela.</i> 9.2 <i>Xa uphendula umbuzokwisithuba esongezelelweyo, bonisa ngokucacileyo inombolo kwikholam engasekhohlo</i> 9.3 <i>Kwrelela emva kombuzo ngamnye.</i>
10. Draw a neat line through any work/rough work that must not be marked.	10. <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

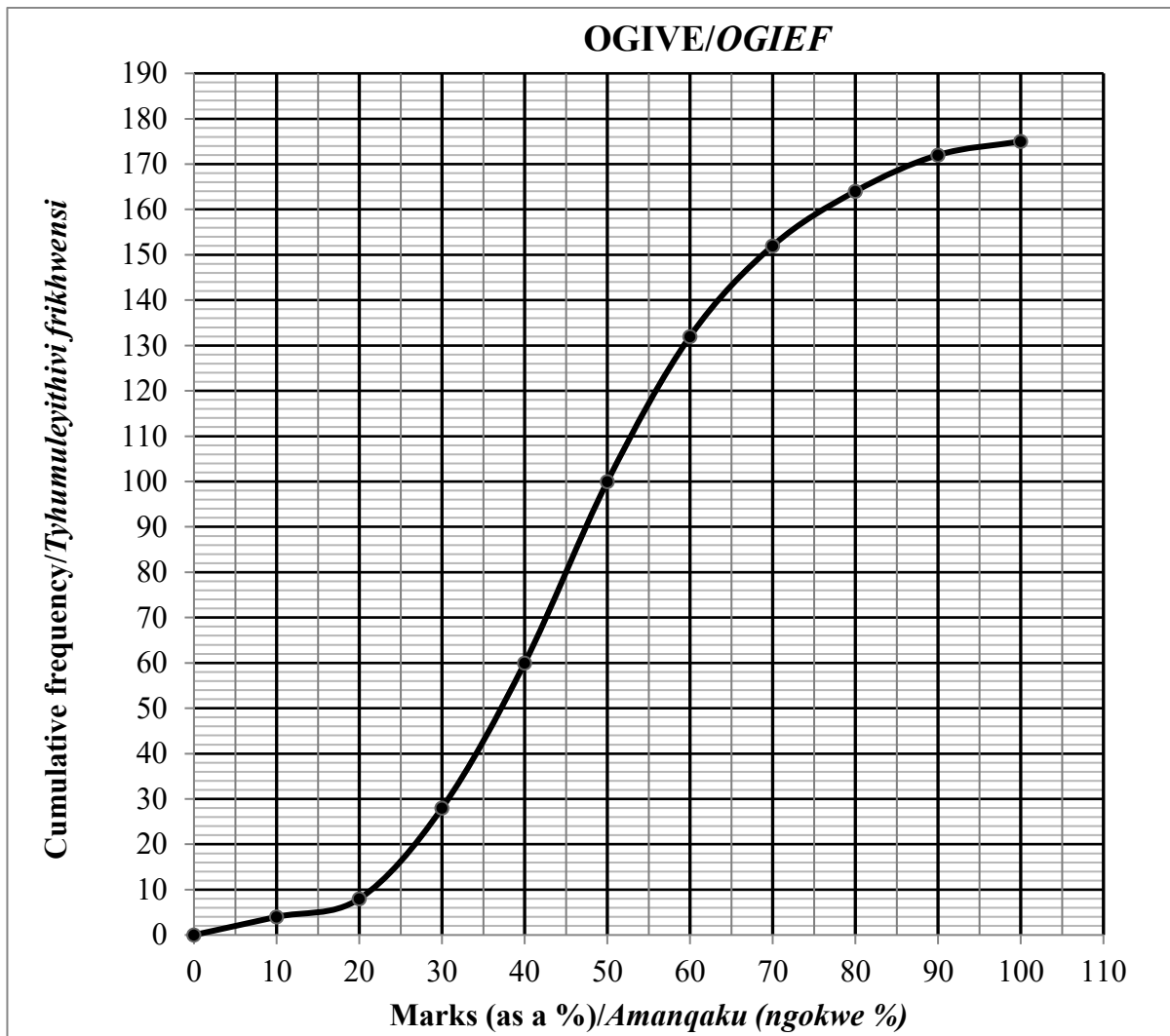


	Solution/Isisombululo	Marks/ Amanqaku
1.1		(1)
1.2		(3)
1.3		(3)
1.4		(1)
		[8]



QUESTION/UMBUZO 2

2.1



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



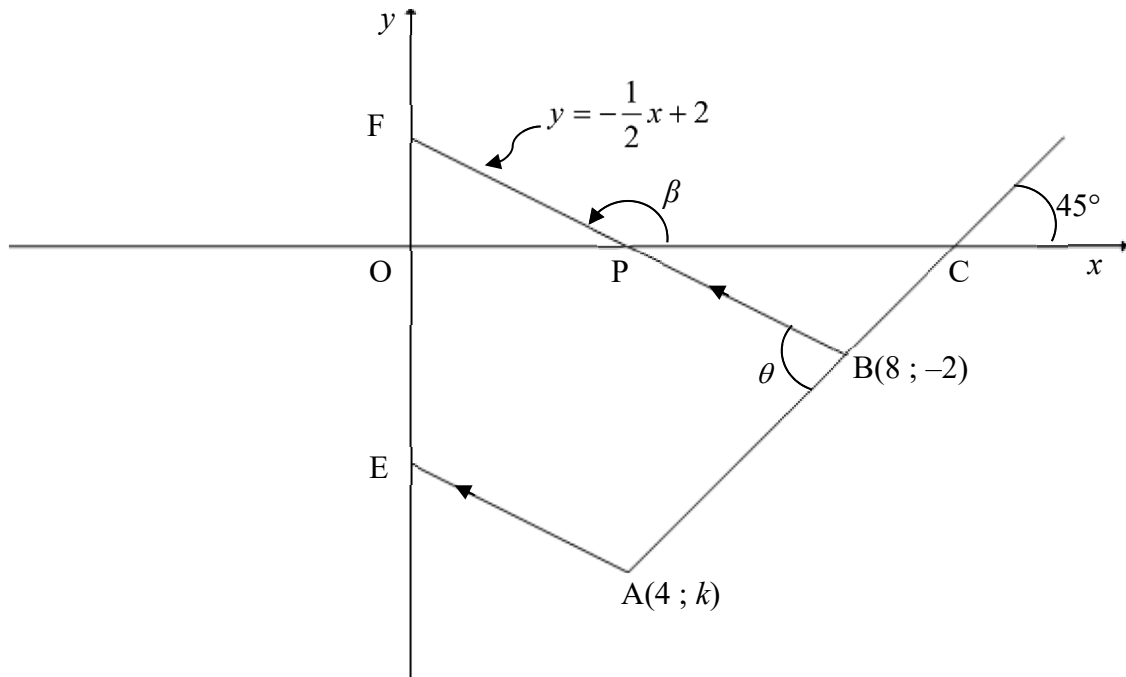
2.2

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



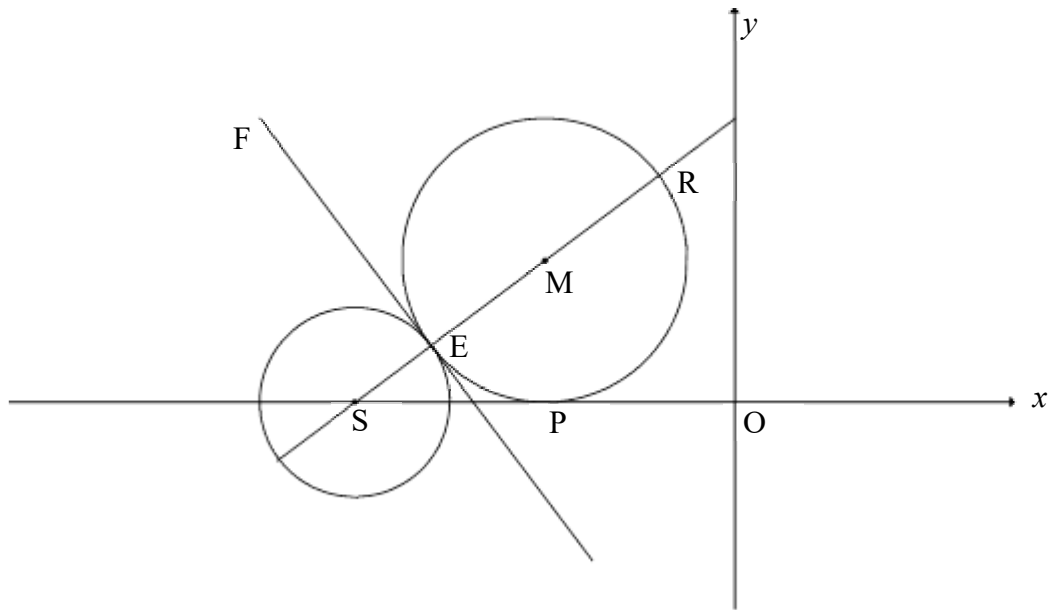
	Solution/Isisombululo	Marks Amanqaku
3.1		(1)
3.2		(2)
3.3		(3)



	Solution/ <i>Isisombululo</i>	Marks <i>Amanqaku</i>
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		

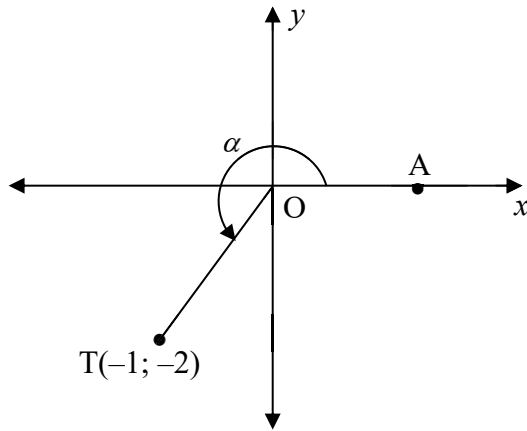


	Solution/ <i>Isisombululo</i>	Marks/ <i>Amanqaku</i>
4.2.2 (cont./ <i>iyaqhubeka.</i>)		(3)
4.2.3		(4)
4.2.4		(2)
4.3		(5)
	[19]	



QUESTION/ UMBUZO 5

5.1



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



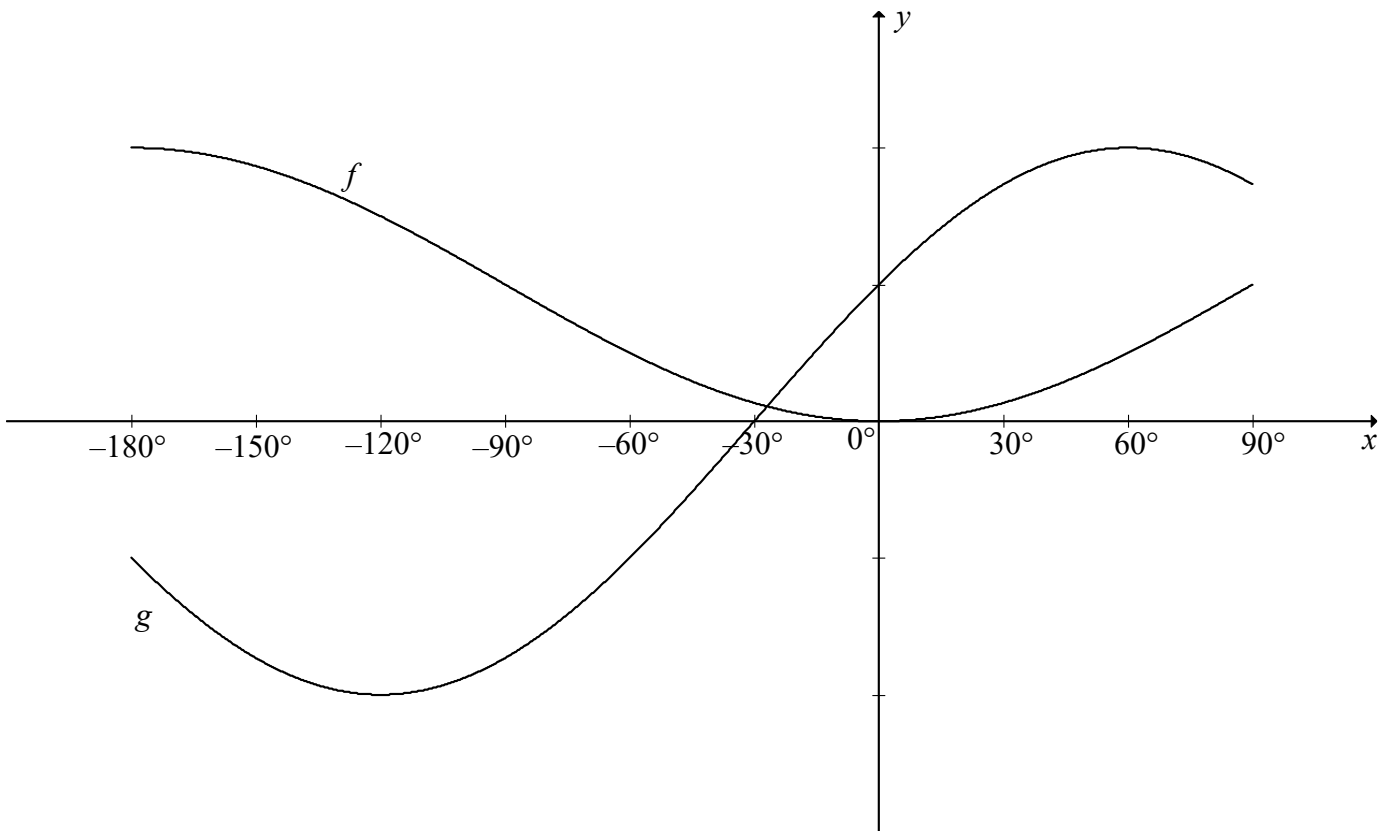
	Solution/<i>Isisombululo</i>	Marks/ <i>Amanqaku</i>
5.2		(4)
5.3.1		(4)
5.3.2		(2)
5.4		



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



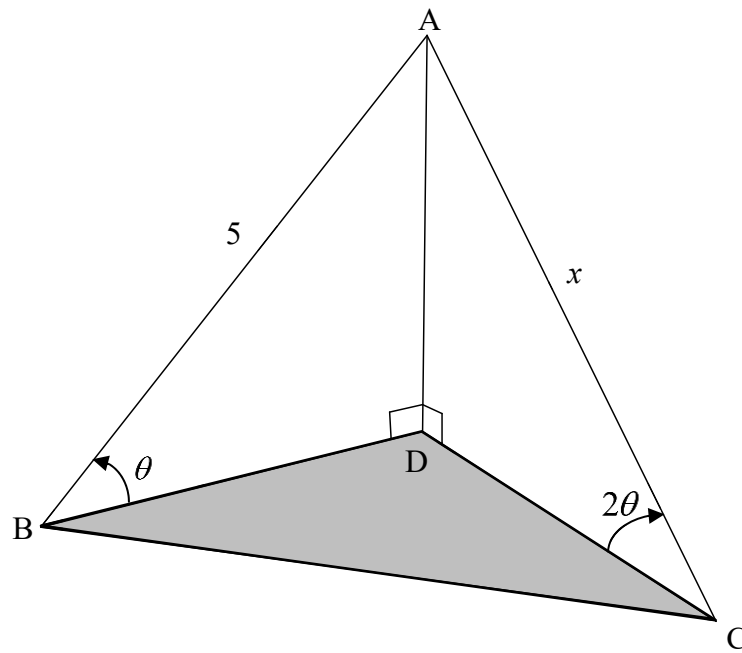
QUESTION/UMBUZO 6



	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]

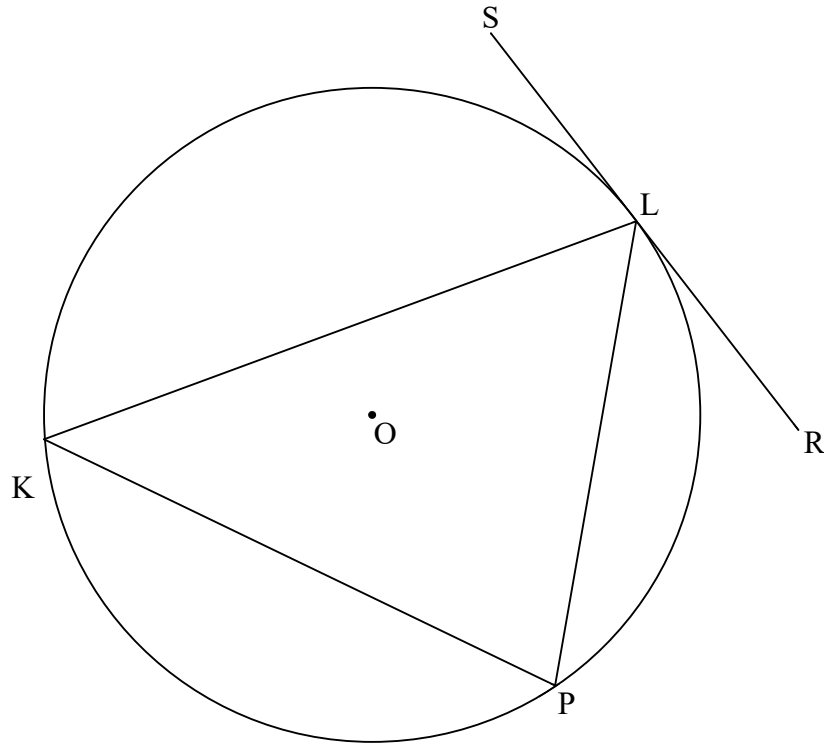


Give reasons for your statements in QUESTIONS 8, 9 and 10.

Nika ingxelo kwiMIBUZO 8, 9 no 10.

QUESTION/UMBUZO 8

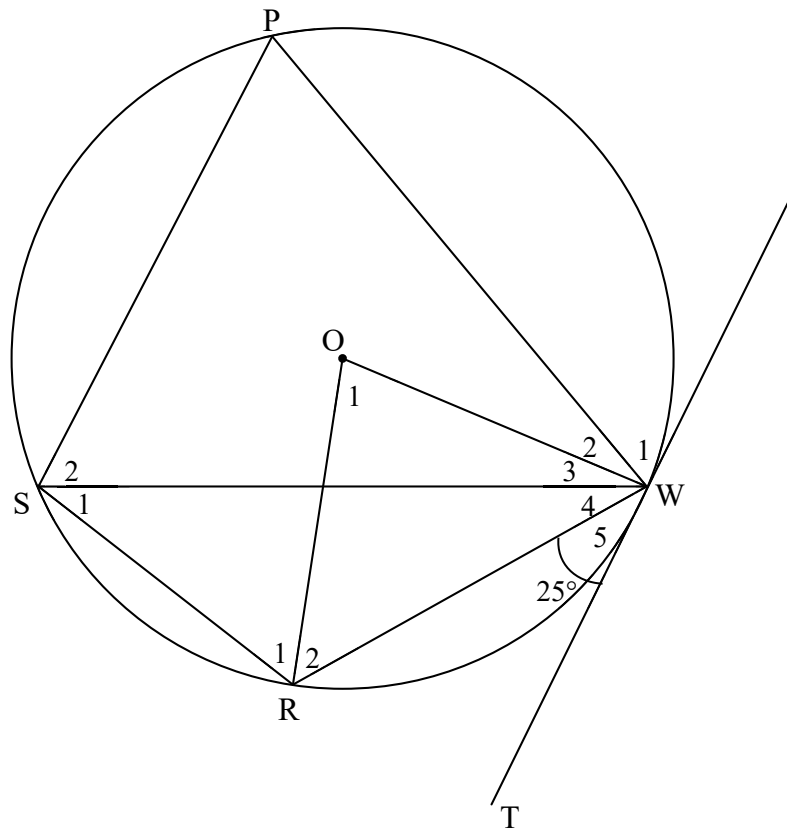
8.1



	Solution/Isisombululo	Marks/ Amanqaku
		(6)



8.2



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



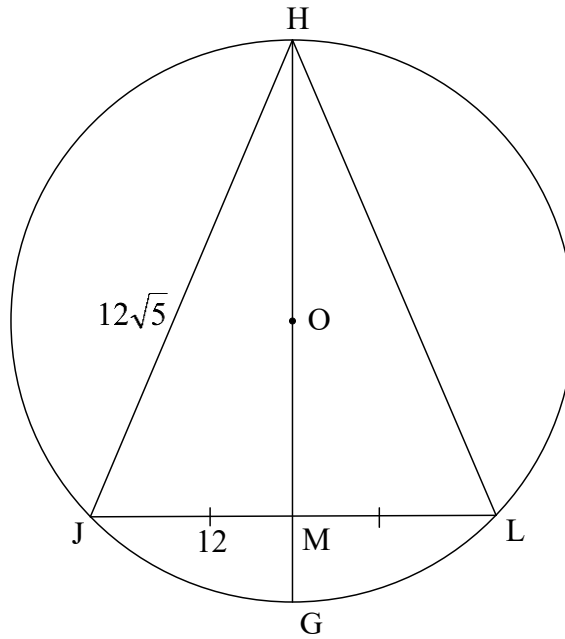
	Solution/<i>Isisombululo</i>	Marks/ <i>Amanqaku</i>
8.2.1(c)		
8.2.2		

(5)

(3)



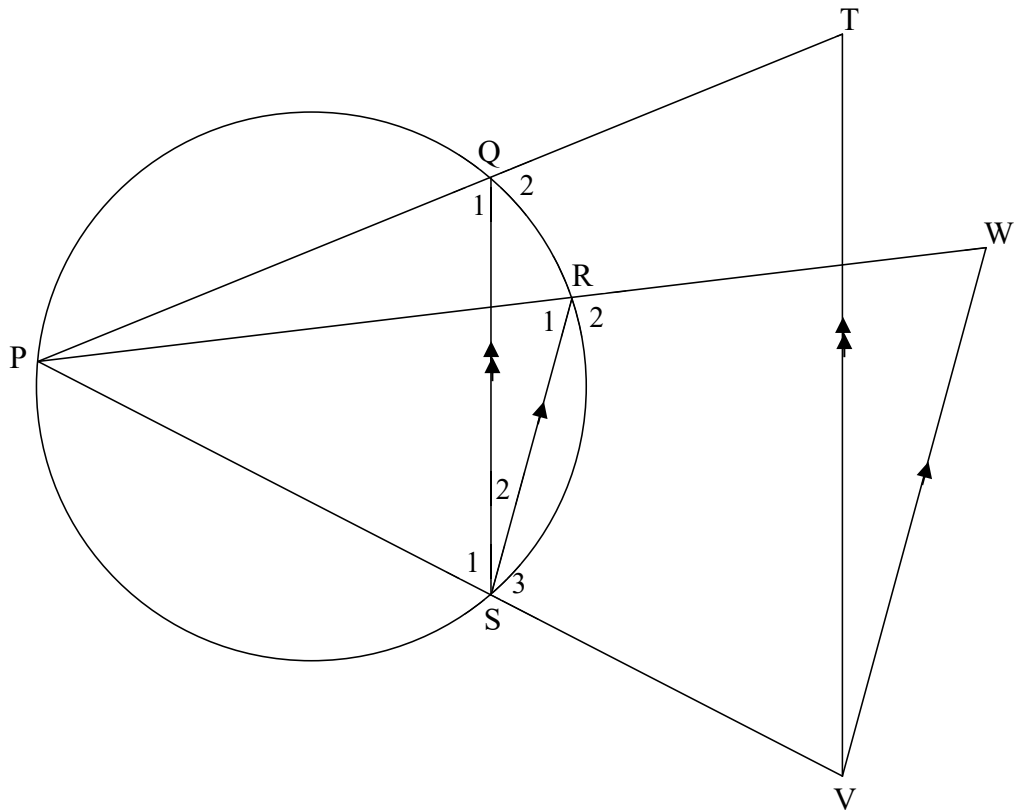
8.3



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



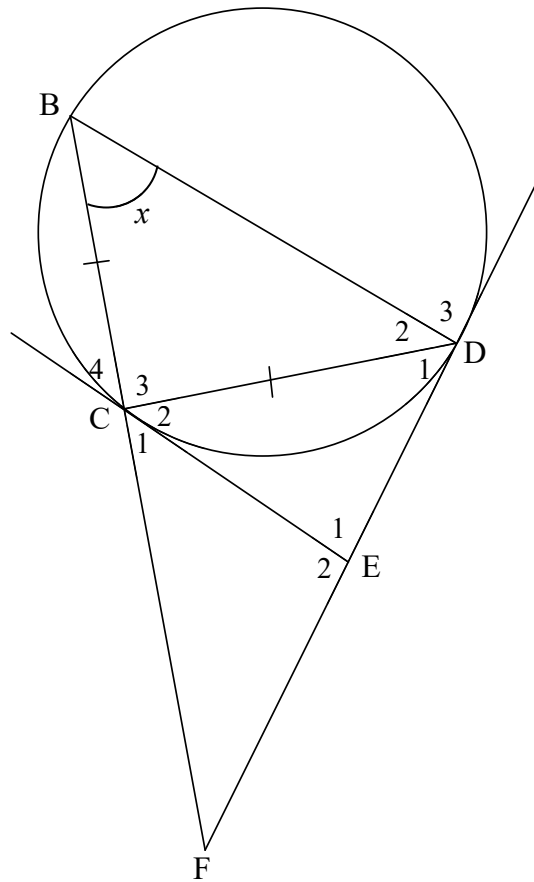
QUESTION/UMBUZO 9



	Solution/Isisombululo	Marks/ Amangaku
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]	



