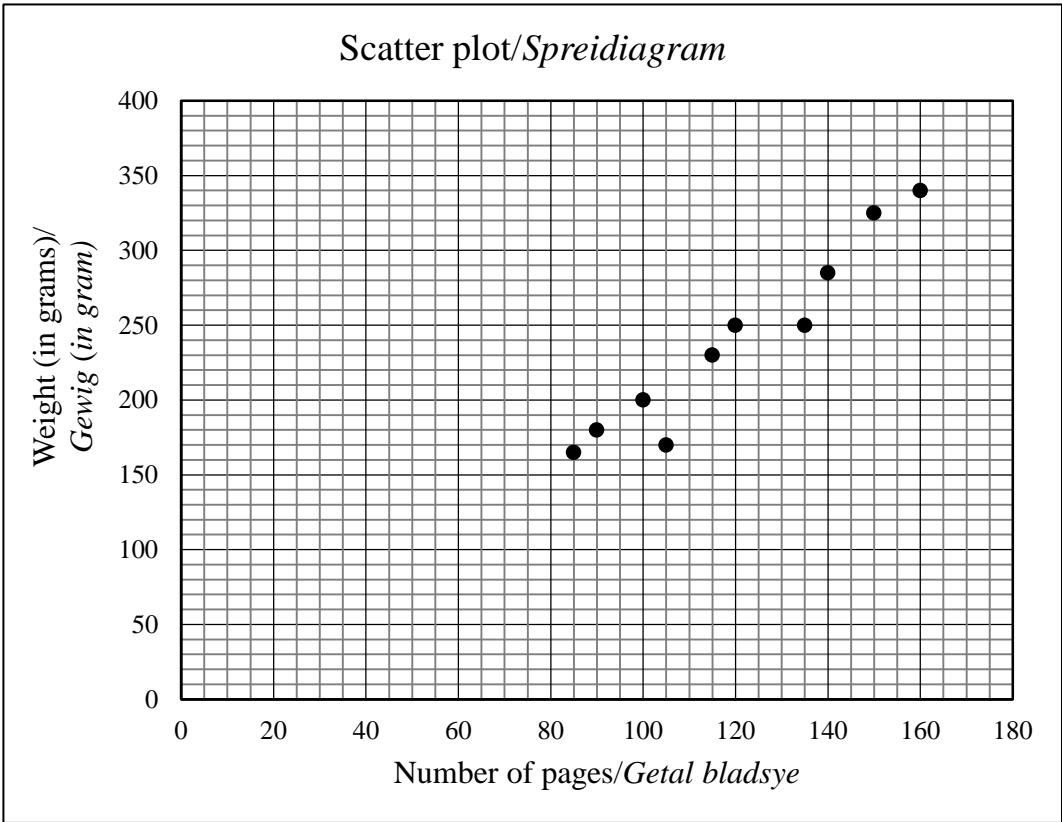


PLEASE FOLLOW THESE INSTRUCTIONS CAREFULLY	VOLG ASSEBLIEF HIERDIE INSTRUKSIES NOUKEURIG
1. Clearly write your examination number and centre number in the space provided and attach your barcode label in the space provided.	1. <i>Skryf jou eksamennommer en sentrumnommer duidelik in die ruimtes soos verskaf en plak jou stafieskodeplakker in die ruimte soos verskaf.</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>Onthou dat jou eie naam (of die naam van jou skool) nie op of in hierdie antwoordeboek mag voorkom nie.</i>
3. Answer ALL questions in the spaces provided.	3. <i>Beantwoord ALLE vrae in die ruimtes wat voorsien is.</i>
4. No pages may be torn from this answer book.	4. <i>Geen bladsye mag uit hierdie antwoordeboek geskeur word nie.</i>
5. Read the instructions printed on your timetable carefully as well as any other instructions which may be given in each examination paper.	5. <i>Lees die instruksies wat op jou eksamenrooster gedruk is, sorgvuldig deur, asook enige ander instruksies wat op elke eksamenvraestel gegee word.</i>
6. Candidates may not retain an answer book or remove it from the examination room.	6. <i>Geen antwoordeboek mag deur die kandidaat behou of uit die eksamenlokaal verwyder word nie.</i>
7. Answers must be written in black/blue ink as distinctly as possible. Do not write in the margins.	7. <i>Skryf die antwoorde so duidelik moontlik met swart/blou ink. Laat die kantlyne oop.</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>Skryf die nommers van die vrae wat jy beantwoord het op die voorblad van die antwoordeboek waar die punte aangebring word.</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, indicate clearly the question number in the column on the LHS. 9.3 Rule off after each answer.	9. <i>In geval jy bykomende ruimte benodig vir jou antwoorde:</i> 9.1 <i>Gebruik die bykomende ruimte wat aan die einde van die antwoordeboek voorsien word.</i> 9.2 <i>As 'n vraag in die bykomende ruimte beantwoord word, dui duidelik die vraagnommer in die kolom aan die LK aan.</i> 9.3 <i>Trek 'n lyn na elke antwoord.</i>
10. Draw a neat line through any work/rough work that must not be marked.	10. <i>Trek 'n netjiese lyn deur enige werk/rofwerk wat nie nagesien moet word nie.</i>



QUESTION/VRAAG 1

Number of pages/ Getal bladsye (x)	85	150	100	120	90	140	135	105	115	160
Weight (in grams)/ Gewig (in gram) (y)	165	325	200	250	180	285	250	170	230	340

	Solution/Oplissing	Marks Punte
1.1		(3)
1.2	<p>Scatter plot/Spreidiagram</p> 	(2)



	Solution/Oplossing	Marks Punte
1.3		(2)
1.4		(3)
		[10] _{max}



QUESTION/VRAAG 2

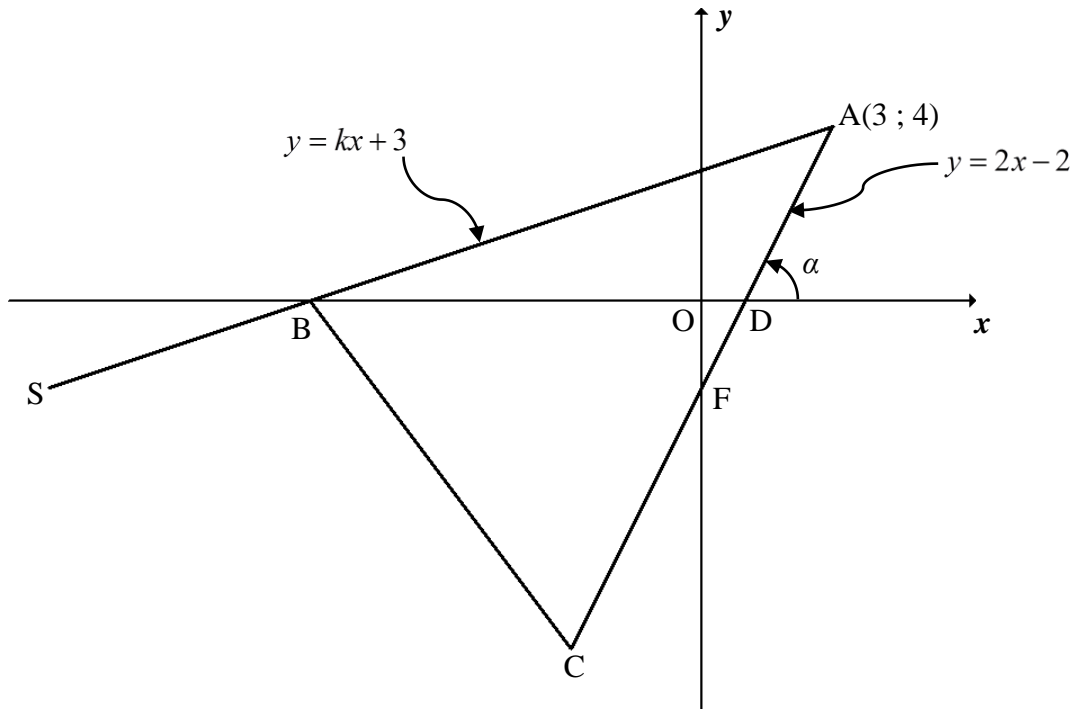
	Solution/Oplissing	Marks Punte																					
2.1	<table border="1" style="width: 100%; border-collapse: collapse; margin: 10px auto;"> <thead> <tr> <th style="width: 33%;">Distance/Afstand (x km)</th> <th style="width: 33%;">Number of athletes/ Getal atlete</th> <th style="width: 33%;">Cumulative frequency/ Kumulatiewe frekwensie</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">$0 \leq x < 5$</td> <td style="text-align: center;">3</td> <td></td> </tr> <tr> <td style="text-align: center;">$5 \leq x < 10$</td> <td style="text-align: center;">7</td> <td></td> </tr> <tr> <td style="text-align: center;">$10 \leq x < 15$</td> <td style="text-align: center;">20</td> <td></td> </tr> <tr> <td style="text-align: center;">$15 \leq x < 20$</td> <td style="text-align: center;">12</td> <td></td> </tr> <tr> <td style="text-align: center;">$20 \leq x < 25$</td> <td style="text-align: center;">5</td> <td></td> </tr> <tr> <td style="text-align: center;">$25 \leq x < 30$</td> <td style="text-align: center;">3</td> <td></td> </tr> </tbody> </table>	Distance/Afstand (x km)	Number of athletes/ Getal atlete	Cumulative frequency/ Kumulatiewe frekwensie	$0 \leq x < 5$	3		$5 \leq x < 10$	7		$10 \leq x < 15$	20		$15 \leq x < 20$	12		$20 \leq x < 25$	5		$25 \leq x < 30$	3		(2)
Distance/Afstand (x km)	Number of athletes/ Getal atlete	Cumulative frequency/ Kumulatiewe frekwensie																					
$0 \leq x < 5$	3																						
$5 \leq x < 10$	7																						
$10 \leq x < 15$	20																						
$15 \leq x < 20$	12																						
$20 \leq x < 25$	5																						
$25 \leq x < 30$	3																						
2.2	<div style="text-align: center; margin-bottom: 10px;">Ogive/Ogief</div>	(3)																					



	Solution/Oplissing	Marks Punte
2.3		(2)
2.4		(1)
2.5		(3)
		[11]



QUESTION/VRAAG 3



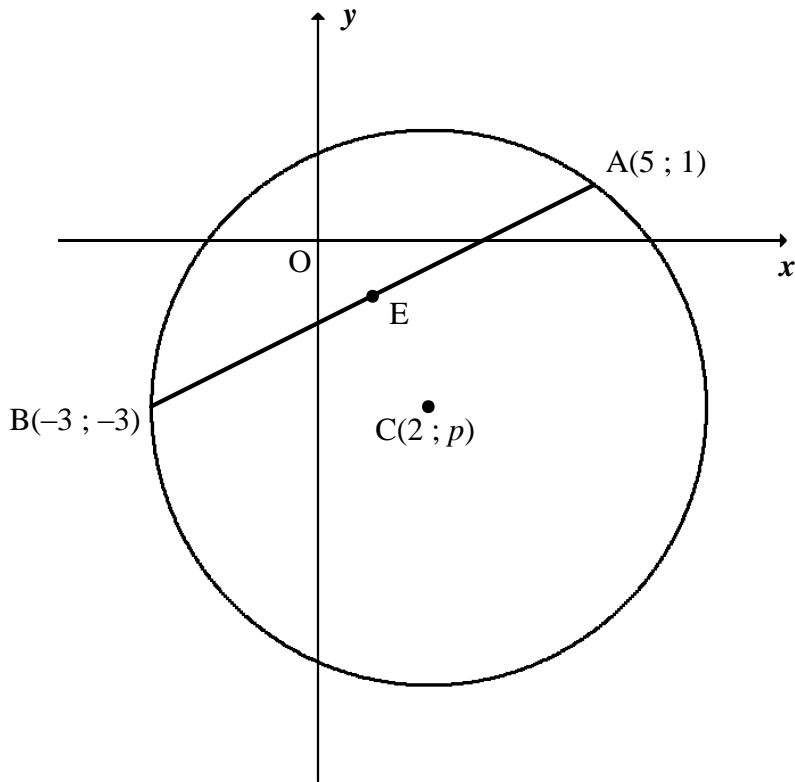
	Solution/Oplissing	Marks Punte
3.1		(1)
3.2		(2)
3.3		(4)



	Solution/Oplossing	Marks Punte
3.4		(5)
3.5		(5)
3.6		(5)
		[22]



QUESTION/VRAAG 4



	Solution/Oplissing	Marks Punte
4.1		(2)
4.2		(1)
4.3		(4)



	Solution/Oplissing	Marks Punte
4.4		(1)
4.5		(4)
4.6		(6)
		[18]



QUESTION/VRAAG 5

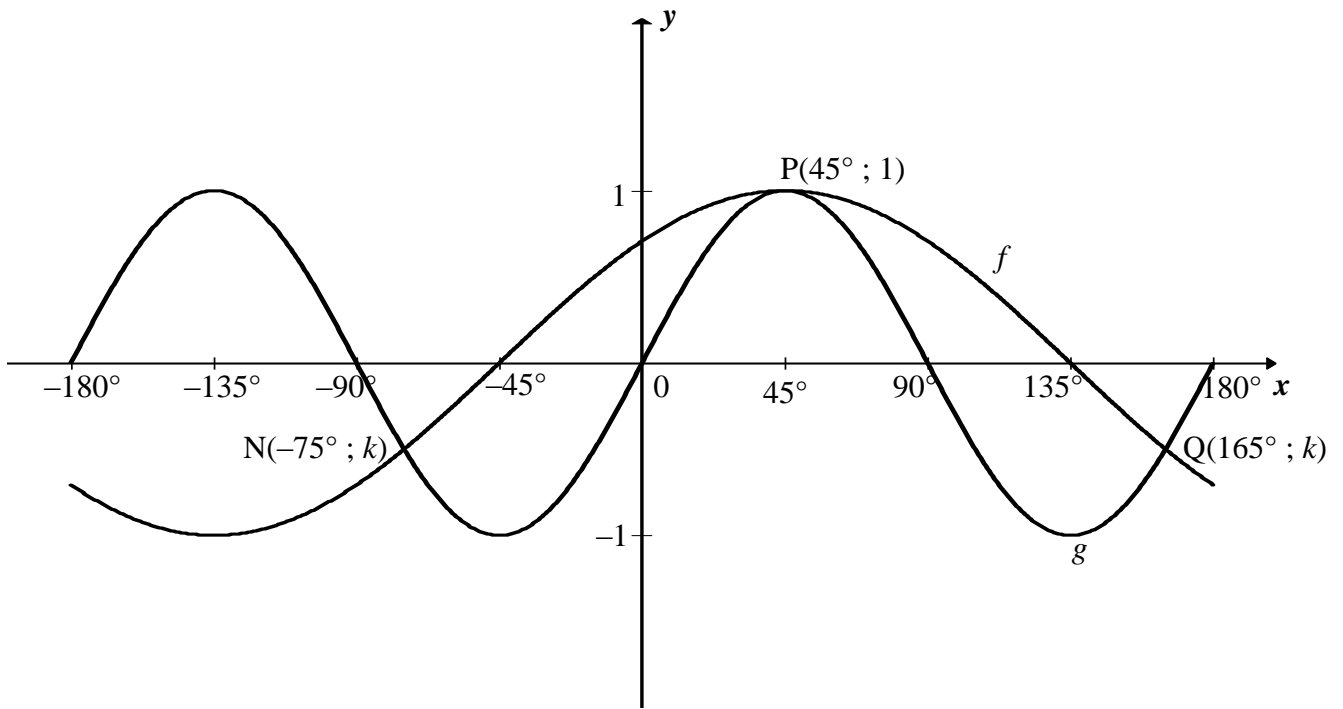
	Solution/Oplissing	Marks Punte
5.1.1		(2)
5.1.2		(2)
5.1.3		(3)
5.2.1		(5)



	Solution/Oplossing	Marks Punte
5.2.2		(3)
5.3.1		(6)
5.3.2		(5)
		[26]



QUESTION/VRAAG 6



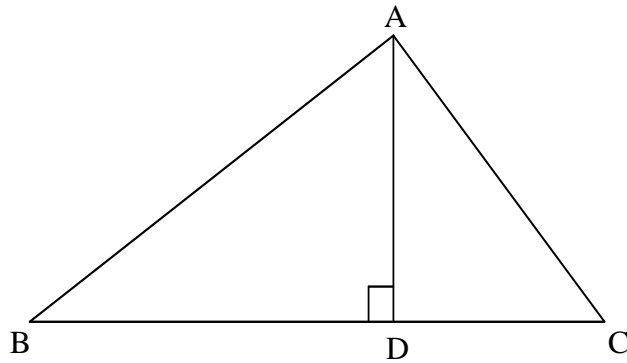
	Solution/Oplissing	Marks Punte
6.1		(1)
6.2		(1)
6.3		(1)
6.4		(2)



	Solution/Oplissing	Marks Punte
6.5		(1)
6.6		(4)
		[10]



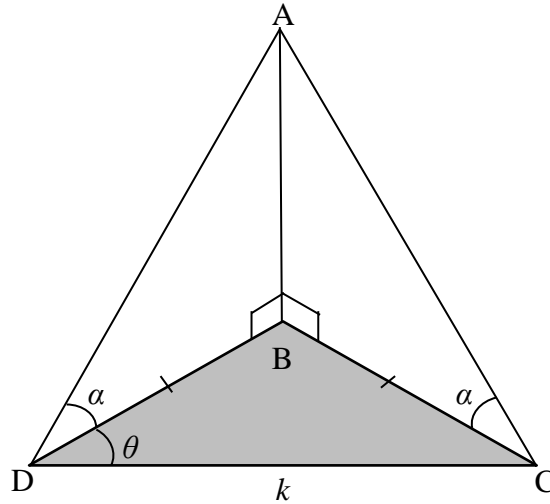
QUESTION/VRAAG 7



	Solution/Oplissing	Marks Punte
7.1.1		(2)
7.1.2		(1)



7.2



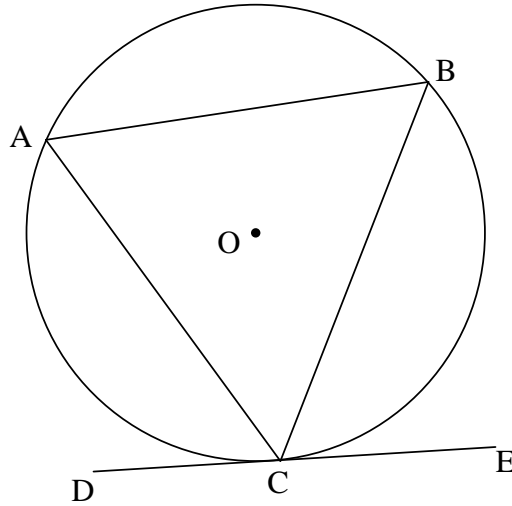
	Solution/Oplissing	Marks Punte
7.2.1		(2)
7.2.2		(3)
7.2.3		(3)
		[11]



Provide reasons for your statements in QUESTIONS 8, 9 and 10.
 Verskaf redes vir jou bewerings in VRAAG 8, 9 en 10.

QUESTION/VRAAG 8

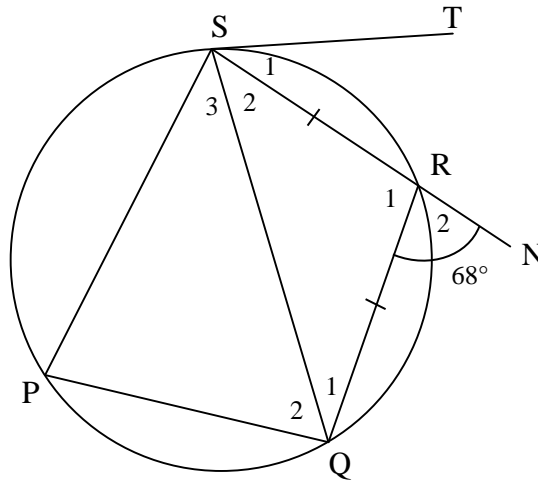
8.1



	Solution/Oplissing	Marks Punte
8.1	<div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div>	(5)



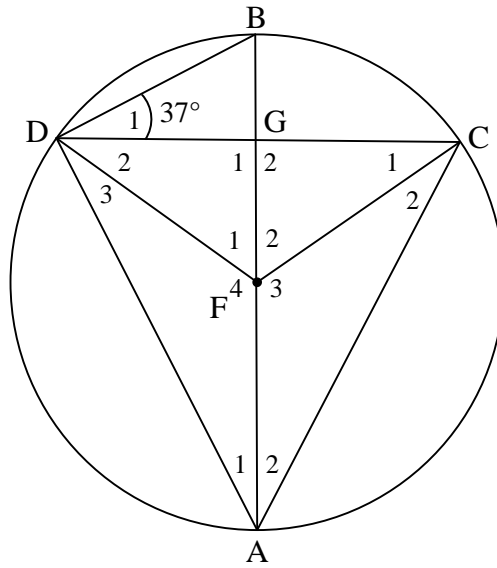
8.2



	Solution/Oplissing	Marks Punte
8.2.1		(2)
8.2.2		(2)
8.2.3		(2)
		[11]



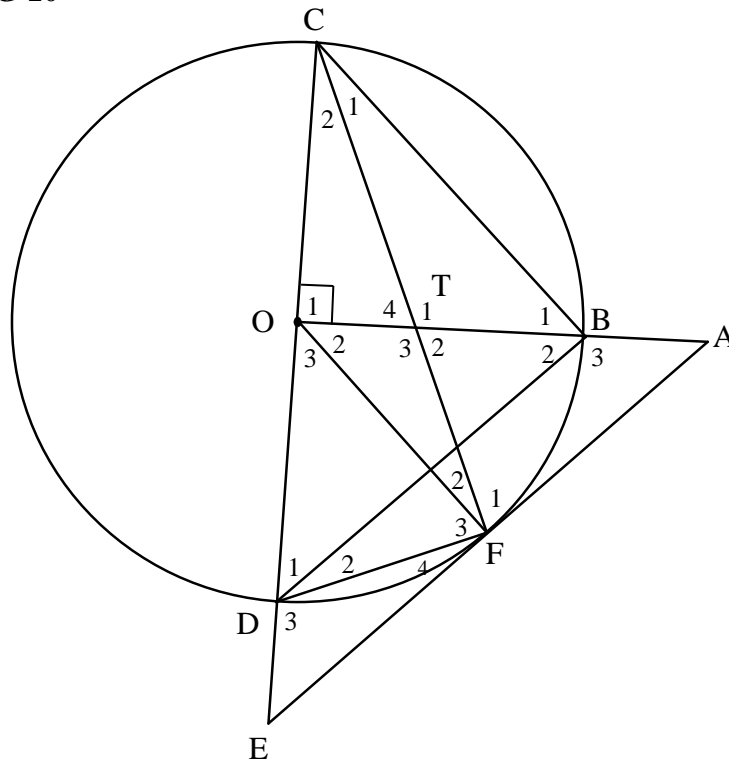
QUESTION/VRAAG 9



	Solution/Oplissing	Marks Punte
9.1		(4)
9.2		(4)
9.3		(4)
		[12]



QUESTION/VRAAG 10



	Solution/Oplissing	Marks Punte
10.1		
		(4)
10.2		
		(3)



	Solution/Oplissing	Marks Punte
10.3		(5)
10.4		(2)
10.5		(5)
		[19]



