basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

Candidate Barcode label/Stafieskodeplakker

NSC Answer Book
NSS-antwoordeboek

National Senior Certificate/*Nasionale Senior Sertifikaat* (Grade 12/*Graad 12*) – November 2026 *Confidential/Vertroulik*

CENTRE NUMBER *SENTRUMNOMMER*	
EXAMINATION NUMBER *EKSAMENNOMMER*	
DATE *DATUM*	
BOOK NUMBER *BOEKNOMMER*	**OF** *VAN* **BOOKS** *BOEKE*
SUBJECT CODE *VAKKODE*	
PAPER NUMBER *VRAESTELNOMMER*	**2**
SUBJECT NAME *VAKNAAM*	**MATHEMATICS/*WISKUNDE***

Sequence No. on mark sheet
Volgnommer op puntestaat

MARKER/*NASIENER*				**MODERATOR'S INITIALS IN RELEVANT BLOCK** *MODERATOR SE VOORLETTERS IN RELEVANTE BLOKKIE*															
Question *Vraag*	**Marks** *Punte*			**Marker's Code & Initials** *Nasiener se kode & Voorletters*	**Marks** *Punte*			**SM**	**Marks** *Punte*			**DCM** *AHN*	**Marks** *Punte*			**CM** *HN*	**Marks** *Punte*			**IM**	**Marks** *Punte*			**EM**
1																								
2																								
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
				TOTAL *TOTAAL*																				

CONTROLLED AND CERTIFIED CORRECT (SURNAME AND INITIALS OF EA) *GEKONTROLEER EN AS KORREK GESERTIFISEER (VAN EN VOORLETTERS VAN EA)*		READ INSTRUCTIONS ON THE NEXT PAGE. *LEES INSTRUKSIES OP VOLGENDE BLADSY.*

This answer book consists of 29 pages./*Hierdie antwoordeboek bestaan uit 29 bladsye.*

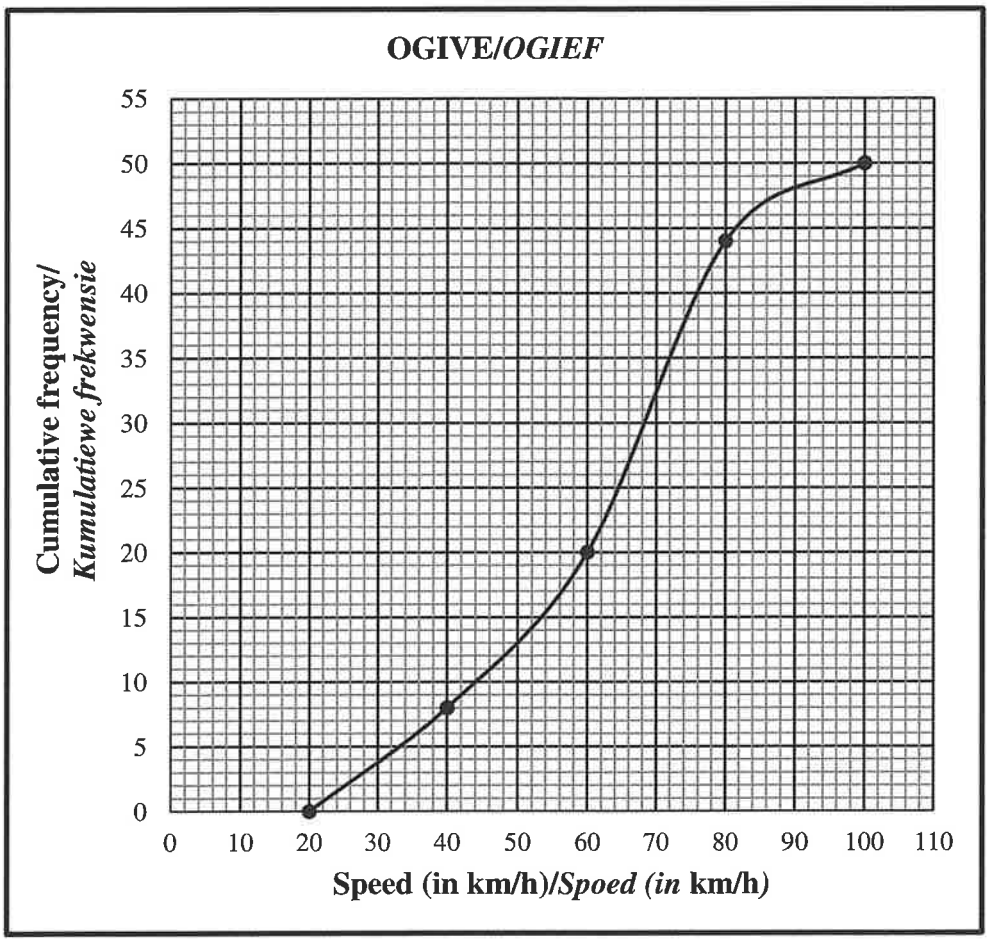
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V20000 Oct 13 2026 07:05:20

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. *Skryf jou eksamennommer en sentrumnommer duidelik in die ruimtes soos verskaf en plak jou stafieskodeplakker in die ruimte soos verskaf.*
2. Remember that your own name (or the name of your school) may not appear anywhere on or in this answer book.	2. *Onthou dat jou eie naam (of die naam van jou skool) nie op of in hierdie antwoordeboek mag voorkom nie.*
3. Answer ALL questions in the spaces provided.	3. *Beantwoord ALLE vrae in die ruimtes wat voorsien is.*
4. NO pages may be torn from this answer book.	4. *GEEN bladsye mag uit hierdie antwoordeboek geskeur word NIE.*
5. Read the instructions printed on your timetable carefully as well as any other instructions which may be given in each examination paper.	5. *Lees die instruksies wat op jou eksamenrooster gedruk is, sorgvuldig deur, asook enige ander instruksies wat op elke eksamenvraestel gegee word.*
6. Candidates may NOT retain an answer book or remove it from the examination room.	6. *GEEN antwoordeboek mag deur die kandidaat behou of uit die eksamenlokaal verwyder word NIE.*
7. Answers must be written in black/blue ink as distinctly as possible. Do NOT write in the margins.	7. *Skryf die antwoorde so duidelik moontlik met swart/blou ink. Moet NIE in die kantlyne skryf NIE.*
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. *Skryf die nommers van die vrae wat jy beantwoord het op die voorblad van die antwoordeboek waar die punte aangebring word.*
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. *In geval jy bykomende ruimte benodig vir jou antwoorde:* *9.1 Gebruik die bykomende ruimte wat aan die einde van die antwoordeboek voorsien word.* *9.2 As 'n vraag in die bykomende ruimte beantwoord word, dui duidelik die vraagnommer in die kolom aan die LK aan.* *9.3 Trek 'n lyn na elke antwoord.*
10. Draw a neat line through any work/rough work that must not be marked.	10. *Trek 'n netjiese lyn deur enige werk/rofwerk wat nie nagesien moet word nie.*

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QUESTION/*VRAAG 1*



	Solution/*Oplossing*	Marks *Punte*
1.1		(1)
1.2		(1)
1.3		(1)
1.4		(2)

Speed (in km/h)/ *Spoed (in* km/h)	Frequency/ *Frekwensie*
$20 \leq t < 40$	
$40 \leq t < 60$	
$60 \leq t < 80$	
$80 \leq t < 100$	

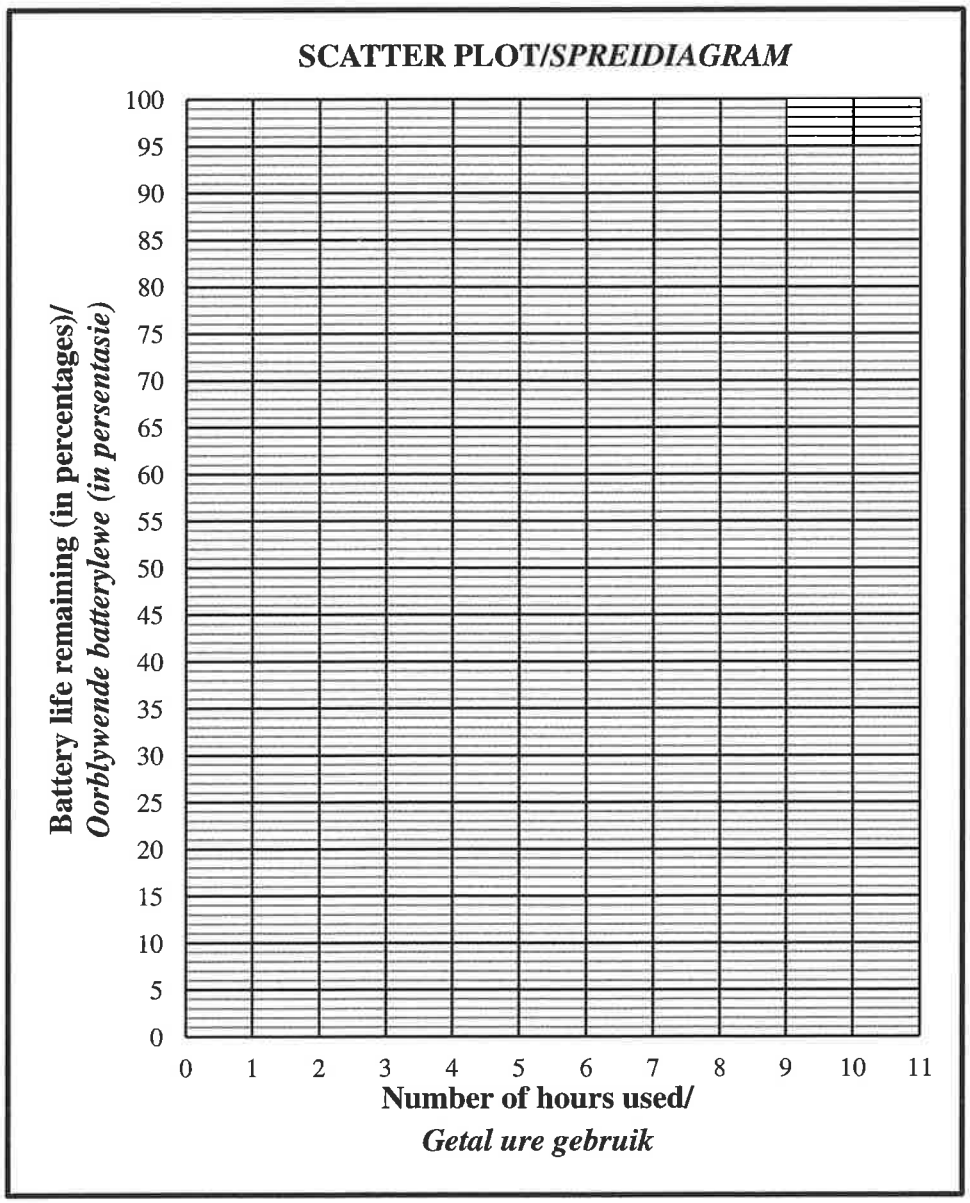
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	Solution/*Oplossing*	**Marks** ***Punte***
1.5		(3)
		[8]

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QUESTION/*VRAAG 2*

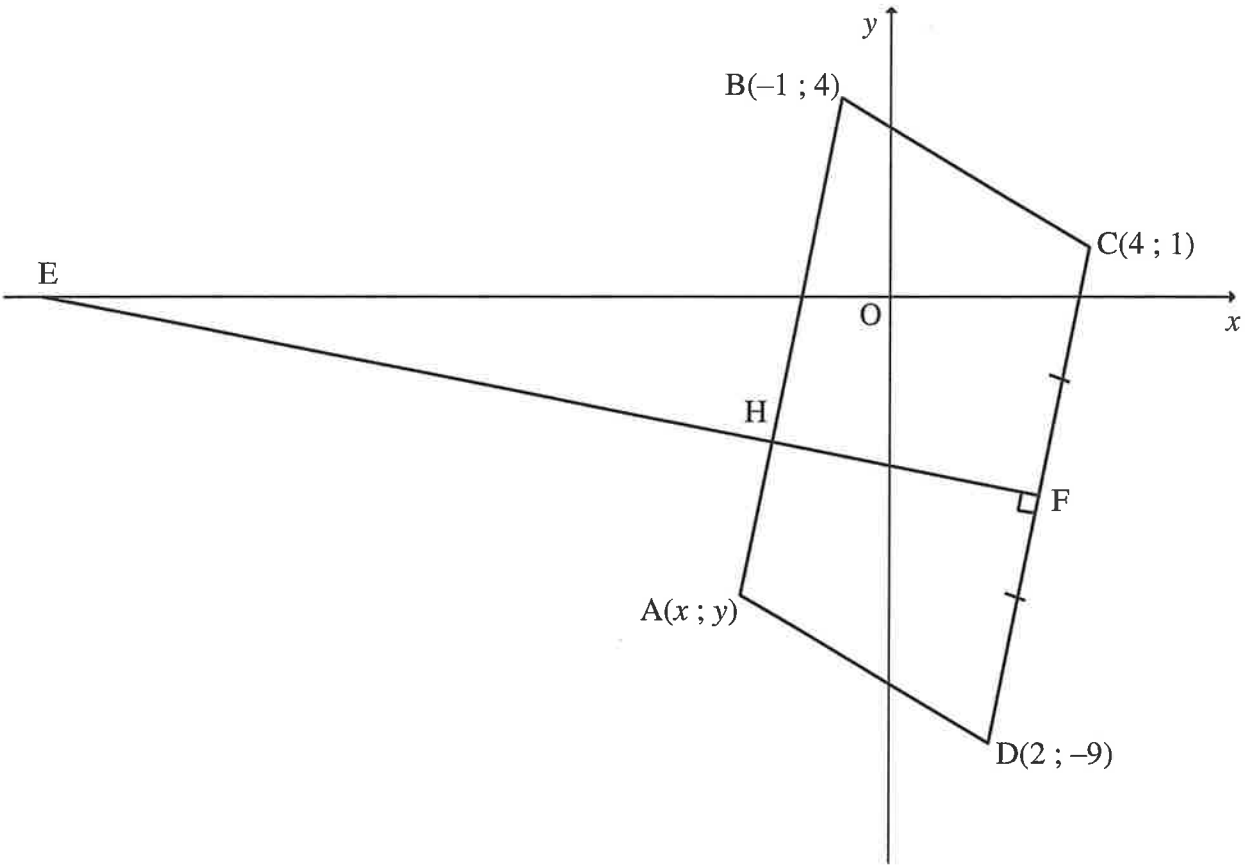
NUMBER OF HOURS USED/ ***GETAL URE GEBRUIK***	3	1	4	10	2	5	1	6	8	9
BATTERY LIFE REMAINING (IN PERCENTAGE)/ ***OORBLYWENDE BATTERYLEWE (IN PERSENTASIE)***	65	96	50	47	73	62	63	58	52	32

	Solution/*Oplossing*	**Marks** ***Punte***
2.1.1		(3)

	Solution/*Oplossing*	**Marks** ***Punte***
2.1.2		(3)
2.1.3		(2)
2.1.4		(1)
2.2		(4)
		[13]

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QUESTION/*VRAAG 3*



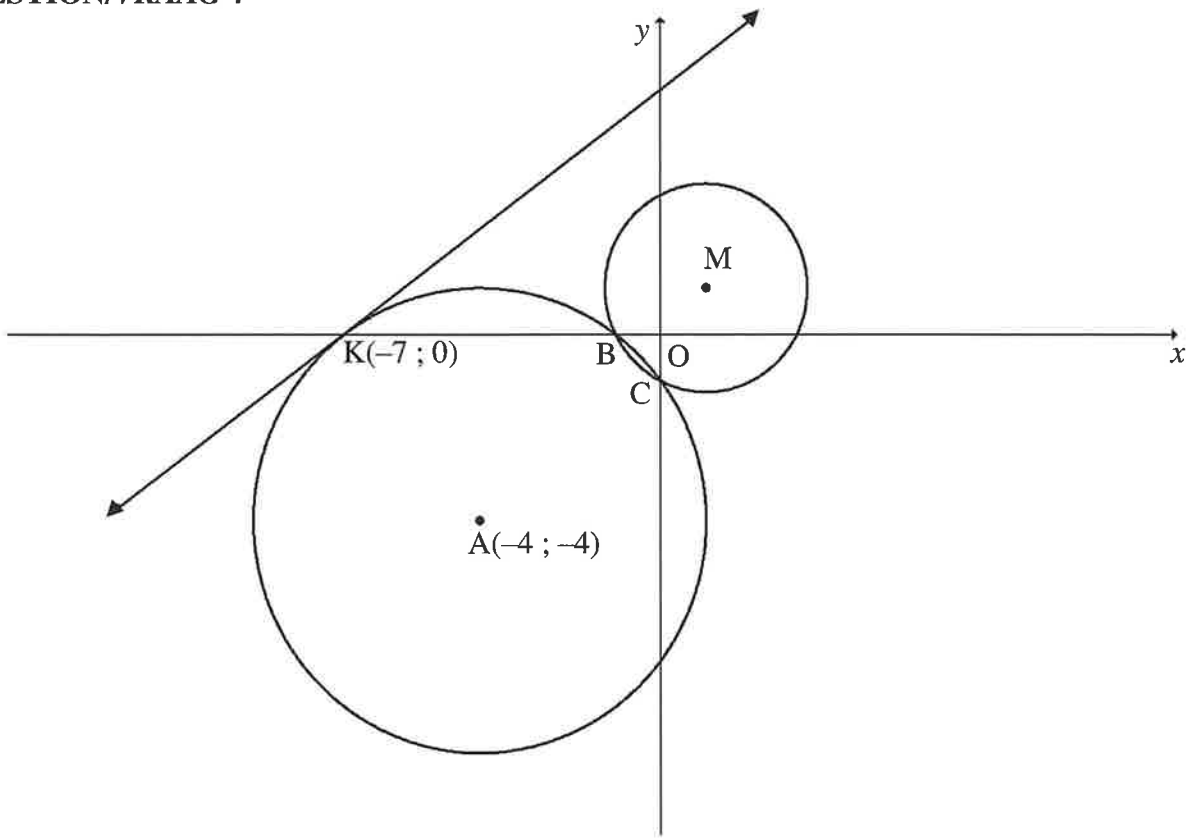
	Solution/*Oplossing*	**Marks** ***Punte***
3.1		(2)
3.2		(2)

	Solution/*Oplossing*	**Marks** ***Punte***
3.3		(3)
3.4		(4)
3.5		

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3.5 (cont./ *vervolg*)		(4)
3.6		(6)
		[21]

QUESTION/*VRAAG 4*



	Solution/*Oplossing*	**Marks** ***Punte***
4.1		(1)
4.2		(1)

	Solution/*Oplossing*	**Marks** ***Punte***
4.3		(3)
4.4		(3)
4.5		(1)
4.6		(4)

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	Solution/*Oplossing*	**Marks** ***Punte***
4.7		(2)
4.8		(5)
		[20]

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QUESTION/*VRAAG 5*

	Solution/*Oplossing*	**Marks** ***Punte***
5.1.1		(2)
5.1.2		(2)
5.1.3		(2)

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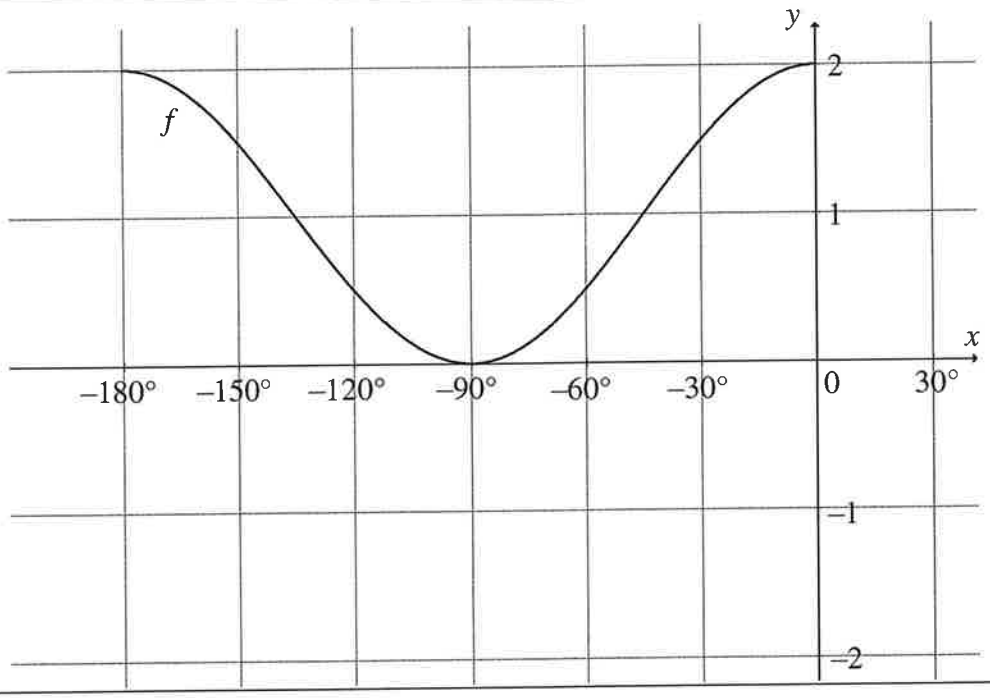
	Solution/*Oplossing*	**Marks** ***Punte***
5.2		(6)
5.3		(3)
		[15]

QUESTION/*VRAAG 6*

	Solution/*Oplossing*	**Marks** ***Punte***
6.1.1		(2)
6.1.2		(3)
6.2		(3)

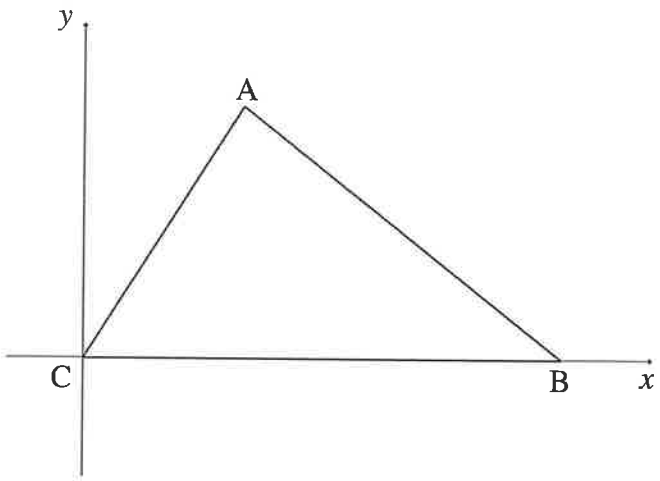
	Solution/*Oplossing*	**Marks** ***Punte***
6.3.1		(1)
6.3.2		(6)
		[15]

QUESTION/*VRAAG 7*

	Solution/*Oplossing*	**Marks** ***Punte***
7.1		(1)
7.2		(1)
7.3		(3)
7.4.1		(2)
7.4.2		(2)
		[9]

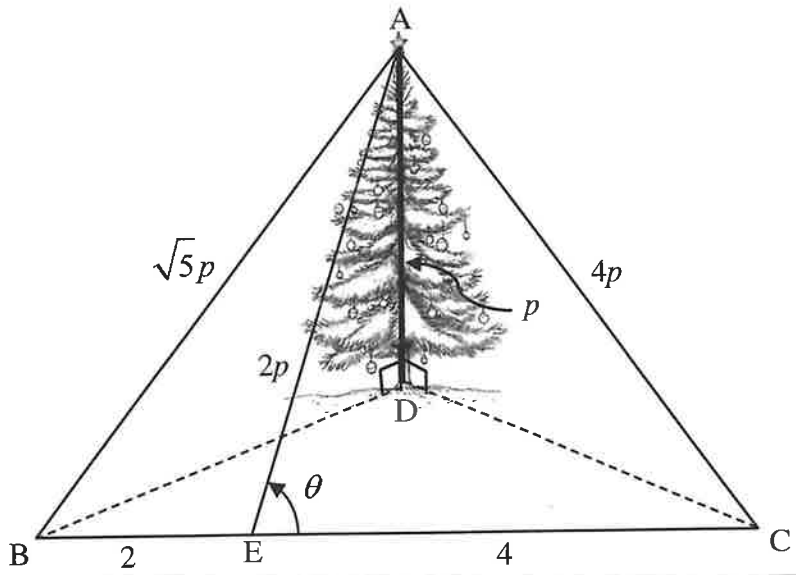
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QUESTION/*VRAAG 8*



	Solution/*Oplossing*	**Marks** ***Punte***
8.1		(4)

8.2



	Solution/*Oplossing*	**Marks** ***Punte***
8.2.1		(2)
8.2.2		

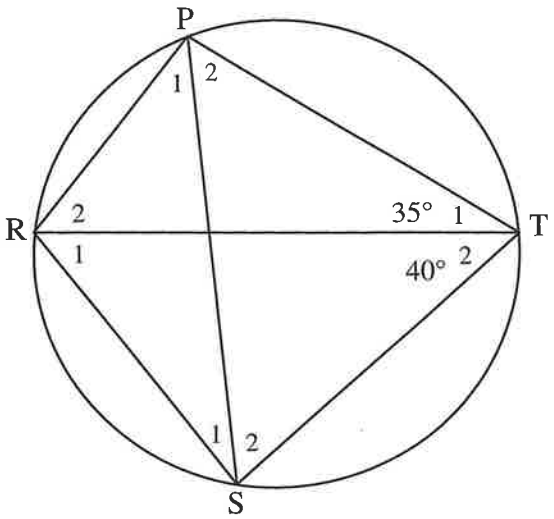
8.2.2 (cont./ *vervolg*)		(5)
		[11]

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Give reasons for your statements in QUESTIONS 9, 10 and 11.
Gee redes vir jou bewerings in VRAAG 9, 10 en 11.

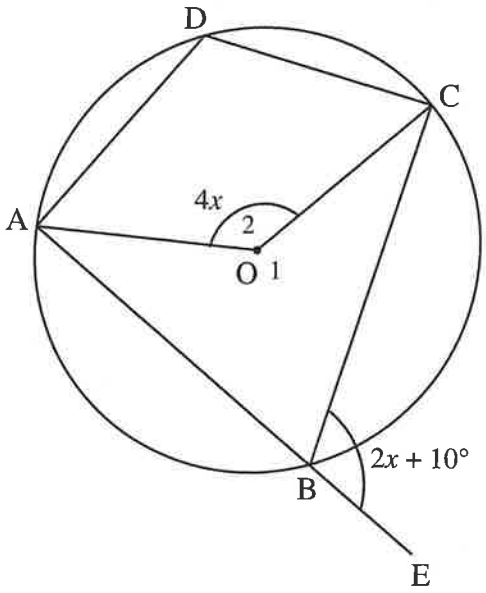
QUESTION/*VRAAG 9*

9.1



	Solution/*Oplossing*	**Marks** ***Punte***
9.1.1		(2)
9.1.2		(2)

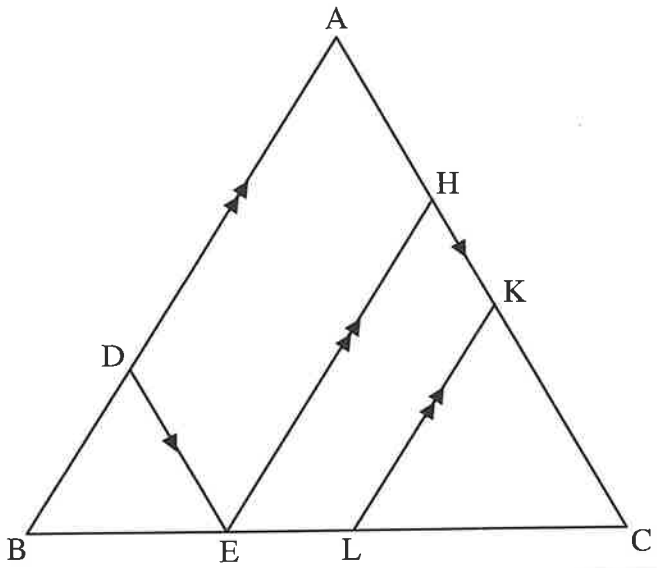
9.2



	Solution/*Oplossing*	**Marks** ***Punte***
9.2		(6)
		[10]

QUESTION/*VRAAG 10*

10.1

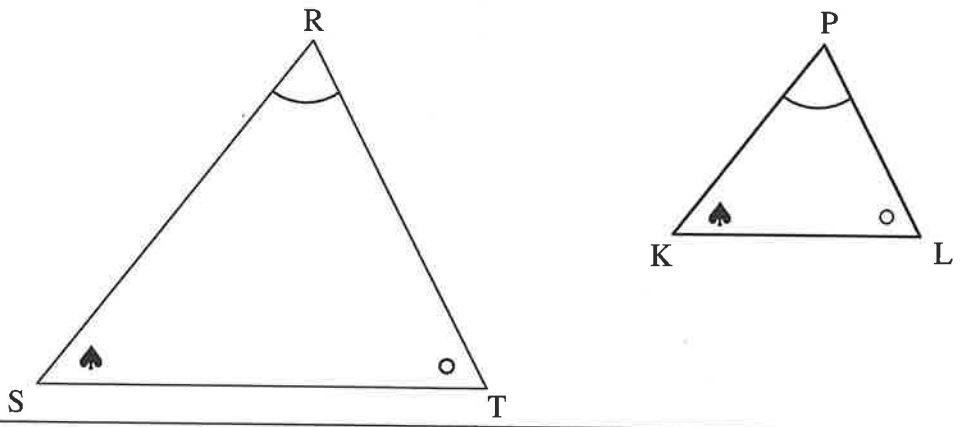


	Solution/*Oplossing*	**Marks** ***Punte***
10.1		(3)
10.2		(4)
		[7]

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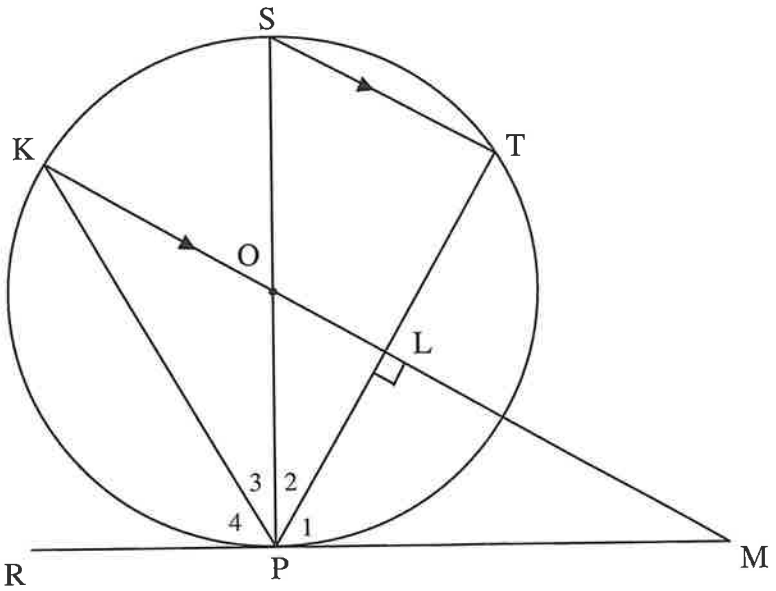
QUESTION/*VRAAG 11*

11.1



	Solution/*Oplossing*	**Marks** ***Punte***
11.1		(6)

11.2



	Solution/*Oplossing*	**Marks** ***Punte***
11.2.1		(1)
11.2.2		(4)

	Solution/*Oplossing*	**Marks** ***Punte***
11.2.3		(5)
11.2.4		(5)
		[21]

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	Additional space/*Bykomende ruimte*	**Marks** ***Punte***

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	Additional space/*Bykomende ruimte*	**Marks** ***Punte***

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	Additional space/*Bykomende ruimte*	**Marks** ***Punte***

TOTAL/*TOTAAL:* **150**

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RE-MARK/RE-CHECK *HERMERK/HERSIEN*				
Question *Vraag*	Marks *Punte*			Initials *Voorletters*
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
TOTAL *TOTAAL*				
HASH TOTAL KAF- *TOTAAL*				

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