



SC/NSC Answer Book  
SS/NSS-antwoordeboek

**Senior Certificate/National Senior Certificate/*Senior Sertifikaat/Nasionale Senior Sertifikaat* (Grade 12/*Graad 12*) 2025**

CENTRE NUMBER <i>SENTRUMNOMMER</i>						
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[illegible]Sequence No. on mark sheet  
Volgnummer op puntstaat

DATE <i>DATUM</i>	
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BOOK NUMBER <i>BOEKNOMMER</i>		OF <i>VAN</i>		BOOKS <i>BOEKE</i>
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<b>SUBJECT CODE</b> <b>VAKKODE</b>					
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PAPER NUMBER VRAESTELNOMMER	2
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SUBJECT NAME VAKNAAM	MATHEMATICS/ <i>WISKUNDE</i>
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[illegible]

<p><b>CONTROLLED AND CERTIFIED CORRECT</b>  <b>(SURNAME AND INITIALS OF EA)</b>  <b>GEKONTROLEER EN AS KORREK</b>  <b>GESERTIFISEER (VAN EN VOORLETTERS</b>  <b>VAN EA)</b></p>	<p>READ INSTRUCTIONS ON THE NEXT PAGE.          LEES INSTRUKSIES OP VOLGENDE BLADSY.</p>
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**This answer book consists of 23 pages./Hierdie antwoordeboek bestaan uit 23 bladsye.**

PLEASE FOLLOW THESE INSTRUCTIONS CAREFULLY	VOLG ASSEBLIEF HIERDIE INSTRUKSIES NOUKEURIG
<ol style="list-style-type: none"> <li>Clearly write your examination number and centre number in the space provided and attach your barcode label in the space provided.</li> <li>Remember that your own name (or the name of your school) may not appear anywhere on or in this answer book.</li> <li>Answer ALL questions in the spaces provided.</li> <li>No pages may be torn from this answer book.</li> <li>Read the instructions printed on your timetable carefully as well as any other instructions which may be given in each examination paper.</li> <li>Candidates may not retain an answer book or remove it from the examination room.</li> <li>Answers must be written in black/blue ink as distinctly as possible. Do not write in the margins.</li> <li>Write the numbers of the questions you have answered on the front cover of the answer book where marks are to be recorded.</li> <li>If you require additional space for your answers: <ol style="list-style-type: none"> <li>Use the additional space provided at the end of the answer book.</li> <li>When answering a question in the additional space, indicate clearly the question number in the column on the LHS.</li> <li>Rule off after each answer.</li> </ol> </li> <li>Draw a neat line through any work/rough work that must not be marked.</li> </ol>	<ol style="list-style-type: none"> <li><i>Skryf jou eksamennummer en sentrumnummer duidelik in die ruimtes soos verskaf en plak jou stafieskodeplakker in die ruimte soos verskaf.</i></li> <li><i>Onthou dat jou eie naam (of die naam van jou skool) nie op of in hierdie antwoordeboek mag voorkom nie.</i></li> <li><i>Beantwoord ALLE vrae in die ruimtes wat voorsien is.</i></li> <li><i>Geen bladsye mag uit hierdie antwoordeboek geskeur word nie.</i></li> <li><i>Lees die instruksies wat op jou eksamenrooster gedruk is, sorgvuldig deur, asook enige ander instruksies wat op elke eksamenvraestel gegee word.</i></li> <li><i>Geen antwoordeboek mag deur die kandidaat behou of uit die eksamenlokaal verwyder word nie.</i></li> <li><i>Skryf die antwoorde so duidelik moontlik met swart/blou ink. Laat die kantlyne oop.</i></li> <li><i>Skryf die nommers van die vrae wat jy beantwoord het op die voorblad van die antwoordeboek waar die punte aangebring word.</i></li> <li><i>In geval jy bykomende ruimte benodig vir jou antwoorde:</i> <ol style="list-style-type: none"> <li><i>Gebruik die bykomende ruimte wat aan die einde van die antwoordeboek voorsien word.</i></li> <li><i>As 'n vraag in die bykomende ruimte beantwoord word, dui duidelik die vraagnommer in die kolom aan die LK aan.</i></li> <li><i>Trek 'n lyn na elke antwoord.</i></li> </ol> </li> <li><i>Trek 'n netjiese lyn deur enige werk/rofwerk wat nie nagesien moet word nie. –</i></li> </ol>

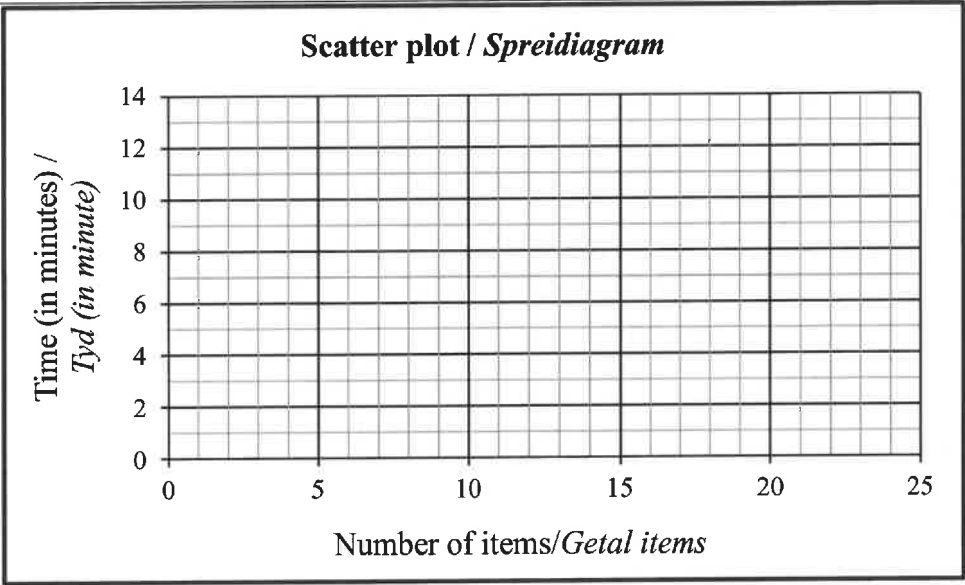
**QUESTION/VRAAG 1**

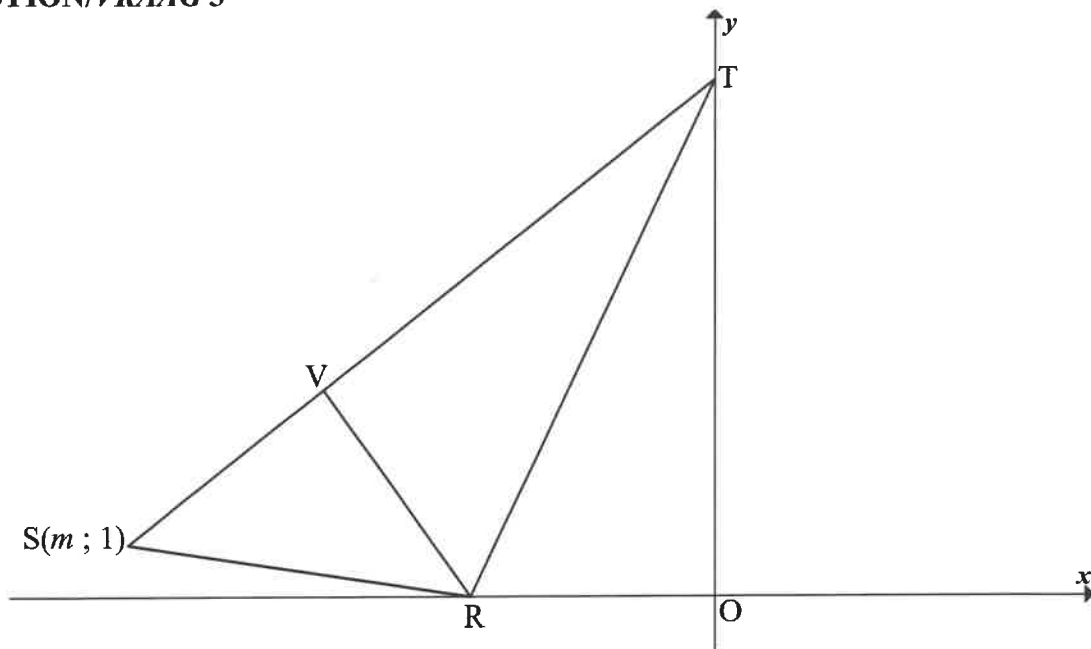
134	215	325	326	362	429	515	531	598	610	624	728	923	1 034	1 200
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	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
1.1		(2)
1.2		(1)
1.3		(2)
1.4		(4)
		<b>[9]</b>

**QUESTION/VRAAG 2**

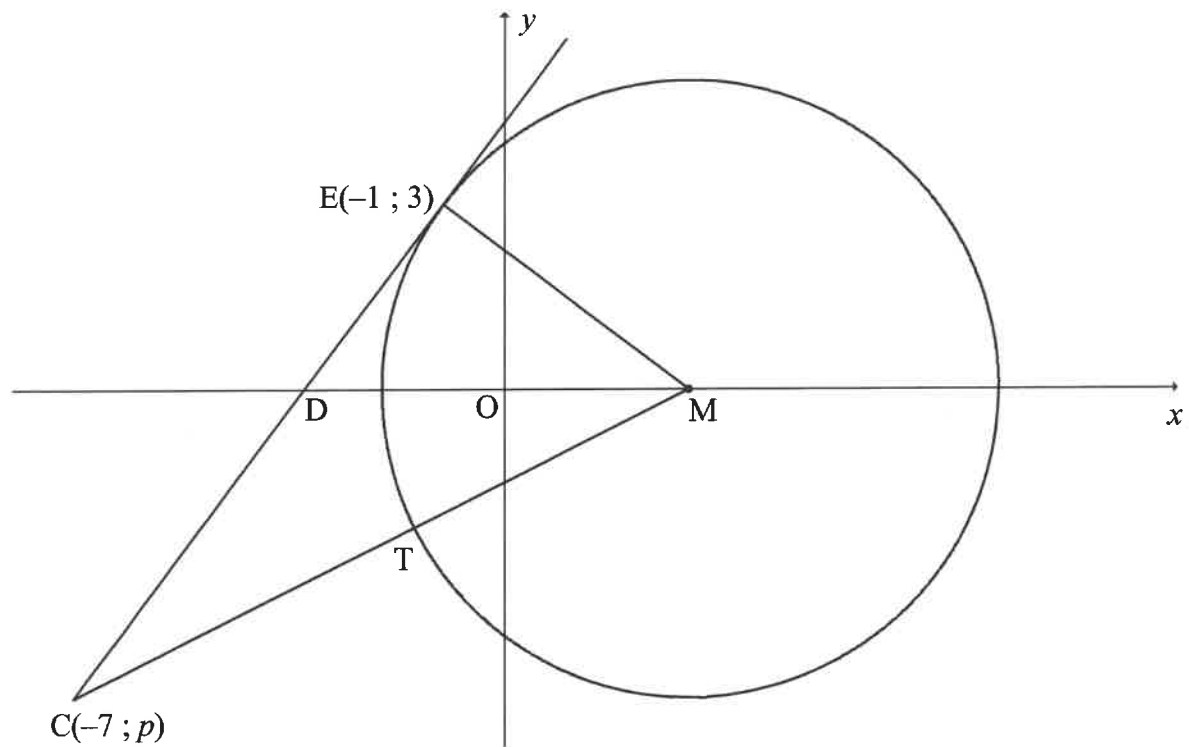
Number of items/Getal items (x)	10	3	20	14	17	9	12	18	15	19
Time (in minutes)/Tyd (in minute) (y)	5	5	9	7	6	6	8	11	10	12

	Solution/Oplissing	Marks Punte
2.1	<p style="text-align: center;"><b>Scatter plot / Spreidiagram</b></p> 	(3)
2.2		(3)
2.3		(1)
2.4		(2)
2.5		(1)
		<b>[10]</b>

**QUESTION/VRAAG 3**

	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
3.1		(2)
3.2		(3)
3.3		(4)

	<b>Solution/Oplossing</b>	<b>Marks Punte</b>
3.4		(5)
3.5		(2)
3.6		(5)
		<b>[21]</b>

**QUESTION/VRAAG 4**

	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
4.1		(1)
4.2		(4)
4.3		(3)

	<b>Solution/<i>Oplossing</i></b>	<b>Marks <i>Punte</i></b>
4.4		(1)
4.5		(3)
4.6		(3)
4.7		(5)
		<b>[20]</b>



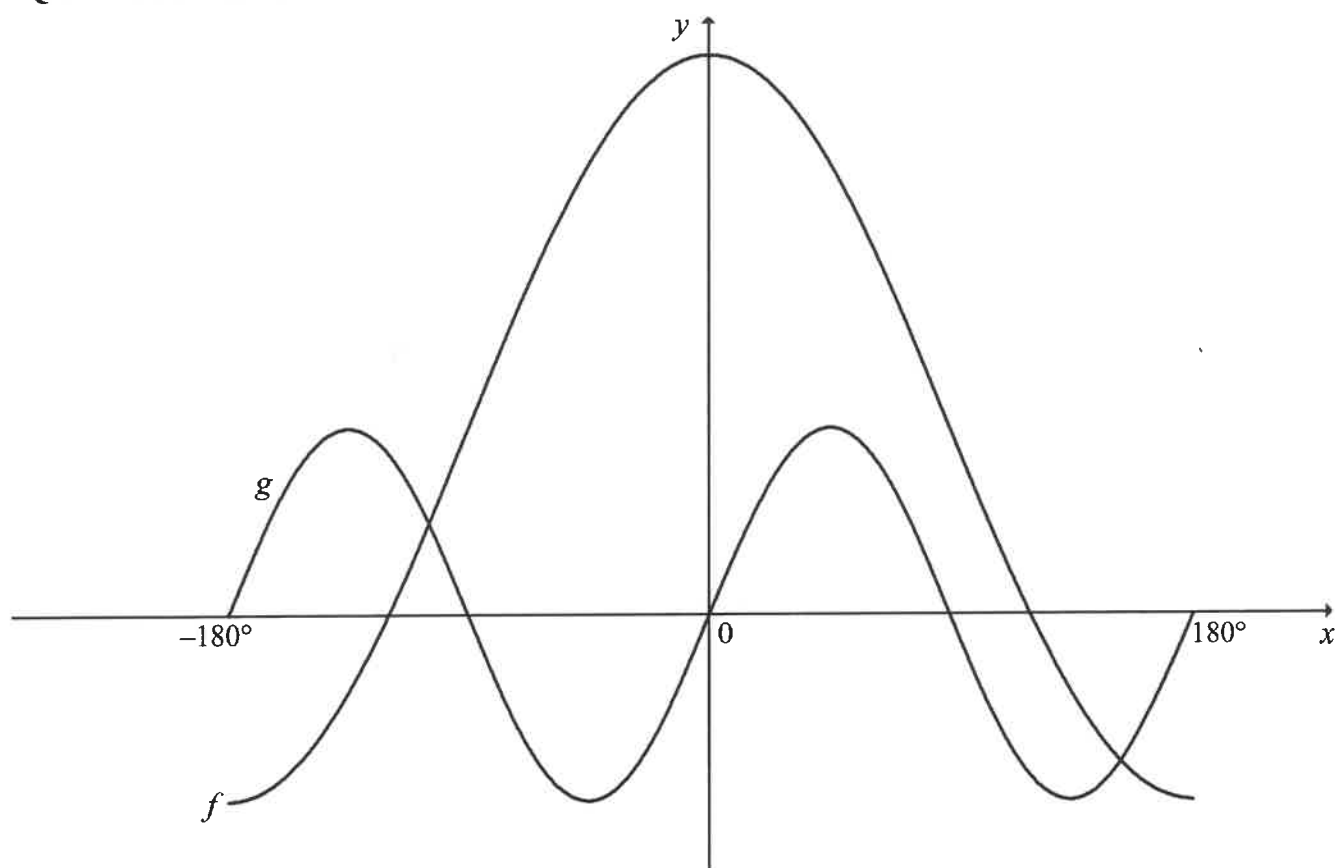
**QUESTION/VRAAG 5**

	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
5.1.1		(3)
5.1.2		(2)
5.1.3		(4)
5.2		(6)

	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
5.3		
		(4)
		[19]

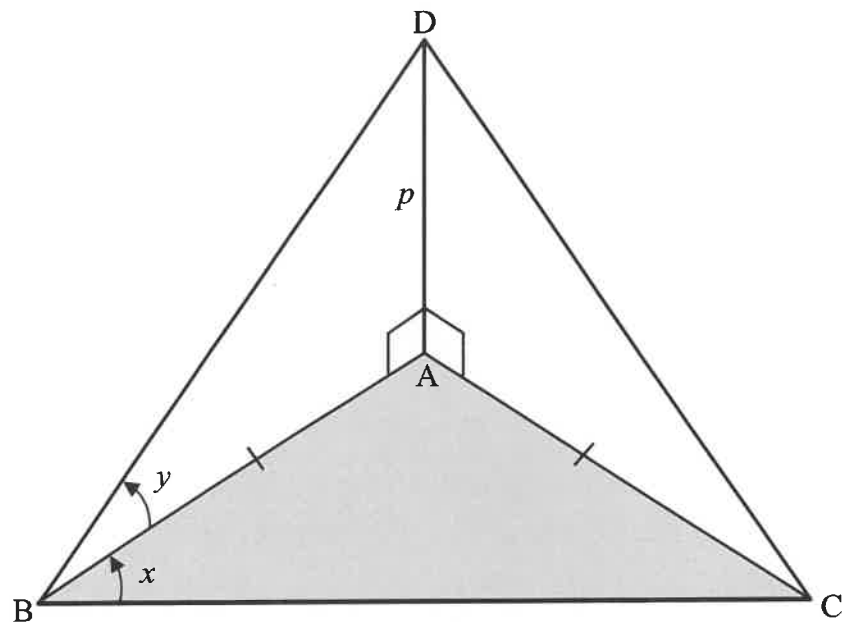
**QUESTION/VRAAG 6**

	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
6.1		(4)
6.2.1		(2)
6.2.2		(2)
6.2.3		(5)
		<b>[13]</b>

**QUESTION/VRAAG 7**

	<b>Solution/Oplossing</b>	<b>Marks Punte</b>
7.1		(1)
7.2		(1)
7.3		(1)
7.4.1		(2)

	<b>Solution/Oplossing</b>	<b>Marks Punte</b>
7.4.2		(3)
7.5		(2)
		<b>[10]</b>

**QUESTION/VRAAG 8**

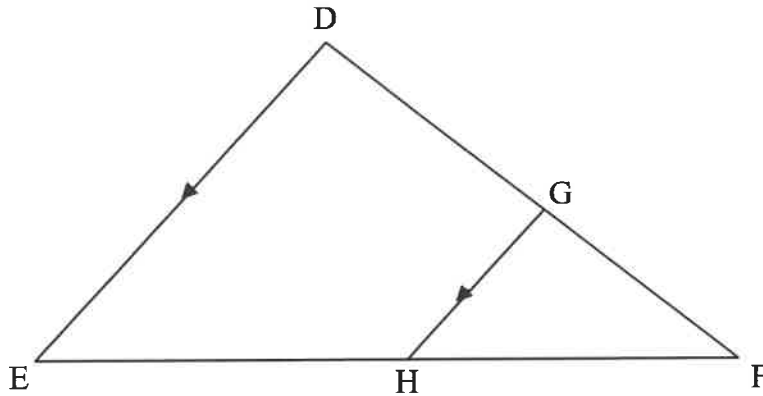
	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
8.1		(2)
8.2		(4)
8.3		(2)
		<b>[8]</b>

Provide reasons for your statements in QUESTIONS 9 and 10.

Gee redes vir jou bewerings in VRAAG 9 en 10.

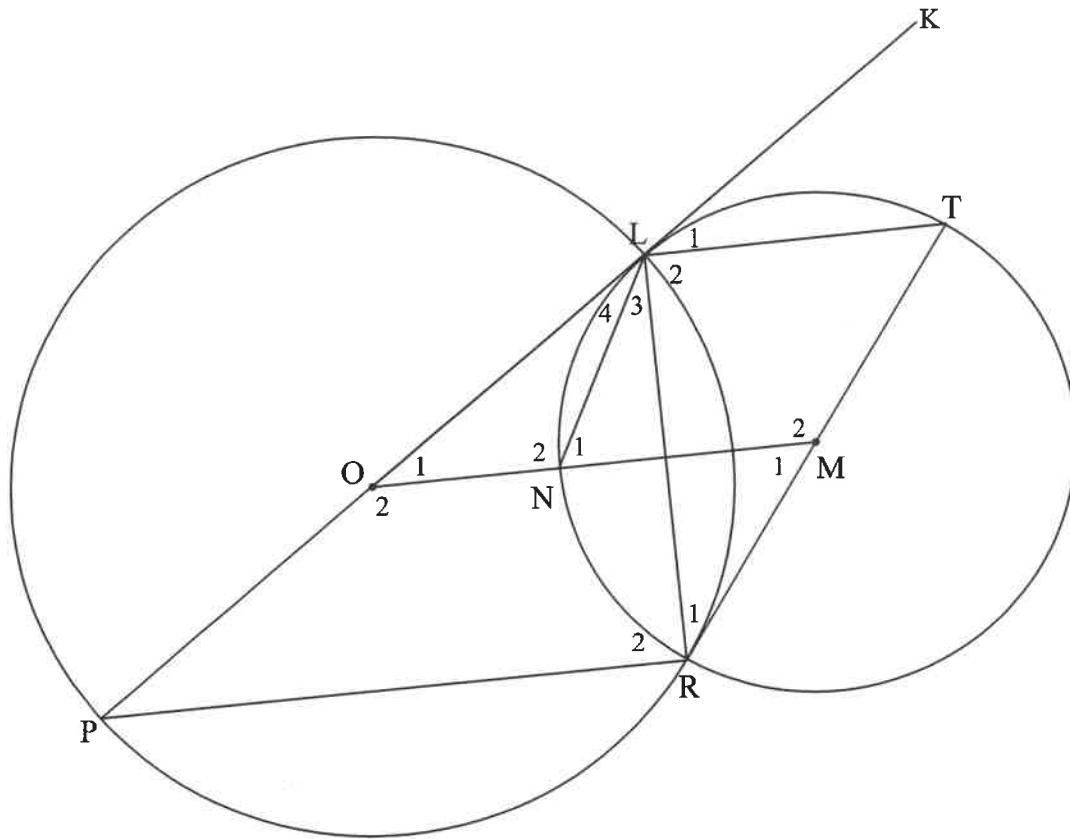
**QUESTION/VRAAG 9**

9.1



	<b>Solution/Oplossing</b>	<b>Marks Punte</b>
9.1.1		(2)
9.1.2		(2)
9.1.3		(1)
9.1.4		(2)

9.2



	<b>Solution/<i>Oplossing</i></b>	<b>Marks <i>Punte</i></b>
9.2.1		

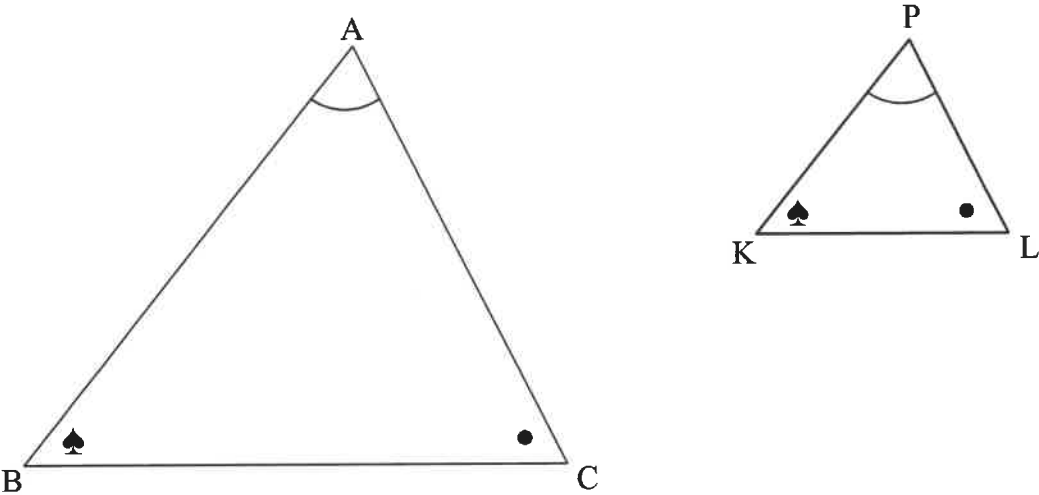
(4)



	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
9.2.2		
		(5)
9.2.3		
		(4)
		<b>[20]</b>

QUESTION/VRAAG 10

10.1



	Solution/Oplossing	Marks Punte
10.1		
		(6)



[illegible]

10.2.4		
		(3)
		[20]

**TOTAL/TOTAAL: 150**

[illegible]

	<b>Additional space/Bykomende ruimte</b>	<b>Marks Punte</b>

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