



GAUTENG PROVINCE

EDUCATION
REPUBLIC OF SOUTH AFRICA

PREPARATORY EXAMINATION Answer Book
VOORBEREIDENDE EKSAMEN-Antwoordboek

2019

CANDIDATE'S NAME LEERDER SE NAAM										
DATE DATUM										
BOOK NUMBER BOEKNOMMER			OF VAN			BOOKS BOEKE				
ONDERWYSER TEACHER								PAPER NUMBER VRAESTELNOMMER	2	
SUBJECT NAME VAKNAAM	MATHEMATICS / WISKUNDE (10612)									

This answer book consists of 25 pages. / Hierdie antwoordboek bestaan uit 25 bladsye.

MARKER / NASIENER			MODERATOR'S INITIALS IN RELEVANT BLOCK MODERATORPARAAF IN BETROKKE BLOKKIE							RE-MARK / RE-CHECK HERNASIEN / HERKONTROLEER		
Question Vraag	Marks Punte	Marker's Code & Initials	Marks Punte							Question Vraag	Marks Punte	Initials Paraaf
1										1		
2										2		
3										3		
4										4		
5										5		
6										6		
7										7		
8										8		
9										9		
10										10		
11										11		
TOTAL TOTAAL										TOTAL TOTAAL		

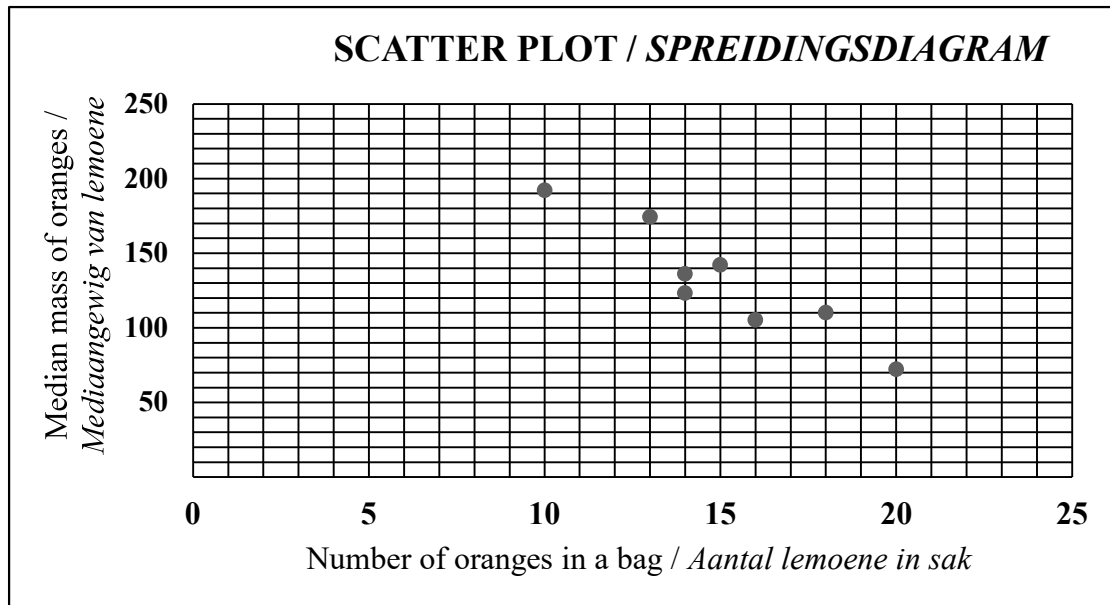
READ INSTRUCTIONS ON THE NEXT PAGE.
LEES INSTRUKSIES OP DIE VOLGENDE BLADSY.

GAUTENG DEPARTMENT OF EDUCATION /**GAUTENGSE DEPARTEMENT VAN ONDERWYS****PREPARATORY EXAMINATION / VOORBEREIDENDE EKSAMEN****MATHEMATICS / WISKUNDE****(Paper / Vraestel 2)****ANSWER BOOK / ANTWOORDBOEK**

FOLLOW THESE INSTRUCTIONS CAREFULLY	VOLG HIERDIE INSTRUKSIES NOUKEURIG
1. Answer ALL questions in the spaces provided.	1. Beantwoord ALLE vrae in die ruimtes wat voorsien is.
2. No pages may be torn from this answer book.	2. Geen bladsye mag uit hierdie antwoordboek geskeur word nie.
3. Candidates may not retain an answer book or remove it from the examination room. Answer books must be returned to the invigilator at the end of the examination session.	3. Geen antwoordboek mag deur die kandidaat behou of uit die eksamenlokaal verwyder word nie. Antwoordboeke moet aan die toesighouer terugbesorg word aan die einde van die eksamensessie.
4. Answers must be written in black / blue ink as distinctly as possible. Do not write in the margins.	4. Skryf die antwoorde so duidelik moontlik met swart / blou ink. Moenie in die kantlyn skryf nie.
5. Indicate the questions that you have answered by drawing a circle around the relevant numbers on the front cover of the answer book where marks are to be recorded.	5. Dui die vrae wat jy beantwoord het aan op die voorblad van die antwoordboek waar die punte aangebring word, deur 'n kringetjie te trek om die nommers van die vrae wat jy beantwoord het.
6. Rule-off through any work / rough work that must not be marked.	6. Trek 'n netjiese lyn deur enige werk / rofwerk wat nie nagesien moet word nie.
7. In the event that you use the additional space provided:	7. Ingeval jy die bykomende ruimte wat voorsien word, gebruik:
7.1 Write down the number of the question.	7.1 Skryf die nommer van die vraag neer.
7.2 Leave a line and rule off after your answer.	7.2 Laat 'n lyn oop en trek 'n lyn na jou antwoord.

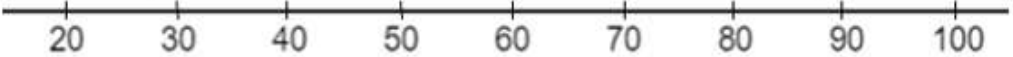
QUESTION / VRAAG 1

Number of oranges in a bag / Aantal lemoene in 'n sak	18	16	20	15	14	13	14	10
Median mass of oranges in the same bag (to the nearest gram) / Mediaangewig van die lemoene in dieselfde sak (tot die naaste gram)	110	105	72	142	123	174	136	192



	Solution / Oplossing	Marks Punte
1.1		(3)
1.2		(1)
1.3	On graph / Op Grafiek	(2)
1.4		(1)
1.5		(2)
		[9]

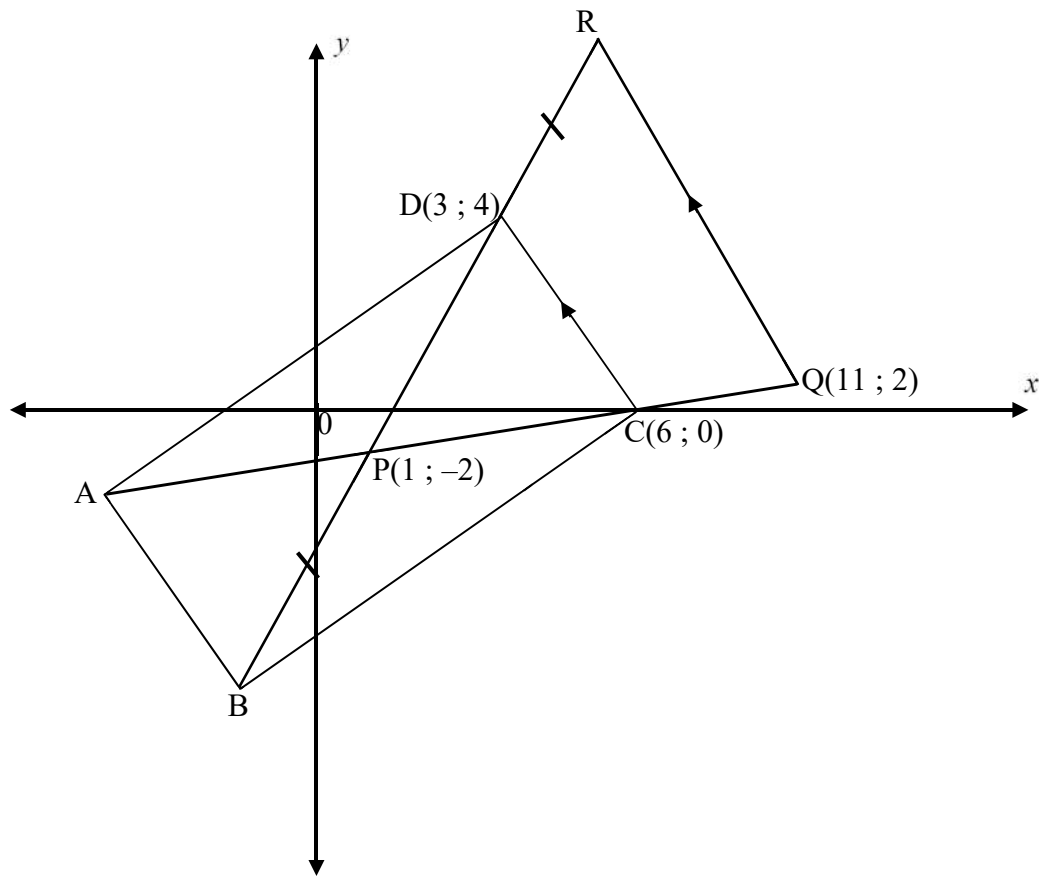
QUESTION / VRAAG 2

	Solution / Oplossing	Marks Punte
2.1.1		(1)
2.1.2		(2)
2.1.3		(3)
2.1.4		(1)

5	a	19	b	c	d	35
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	Solution / <i>Oplossing</i>	Marks <i>Punte</i>
2.2		

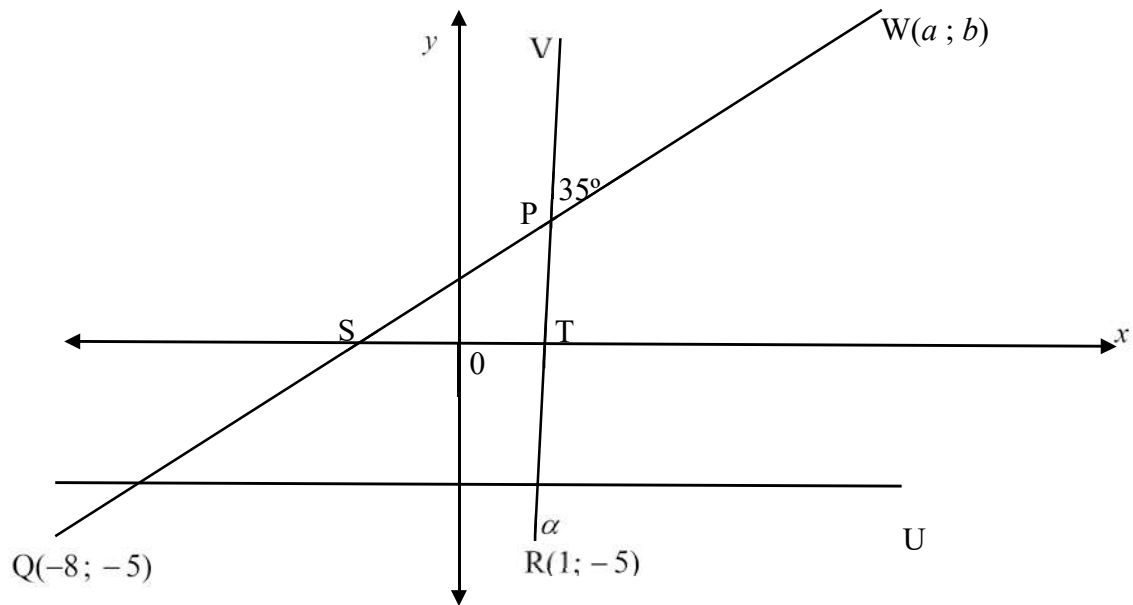
QUESTION / *VRAAG 3*



	Solution / <i>Oplossing</i>	Marks <i>Punte</i>
3.1.1		(3)

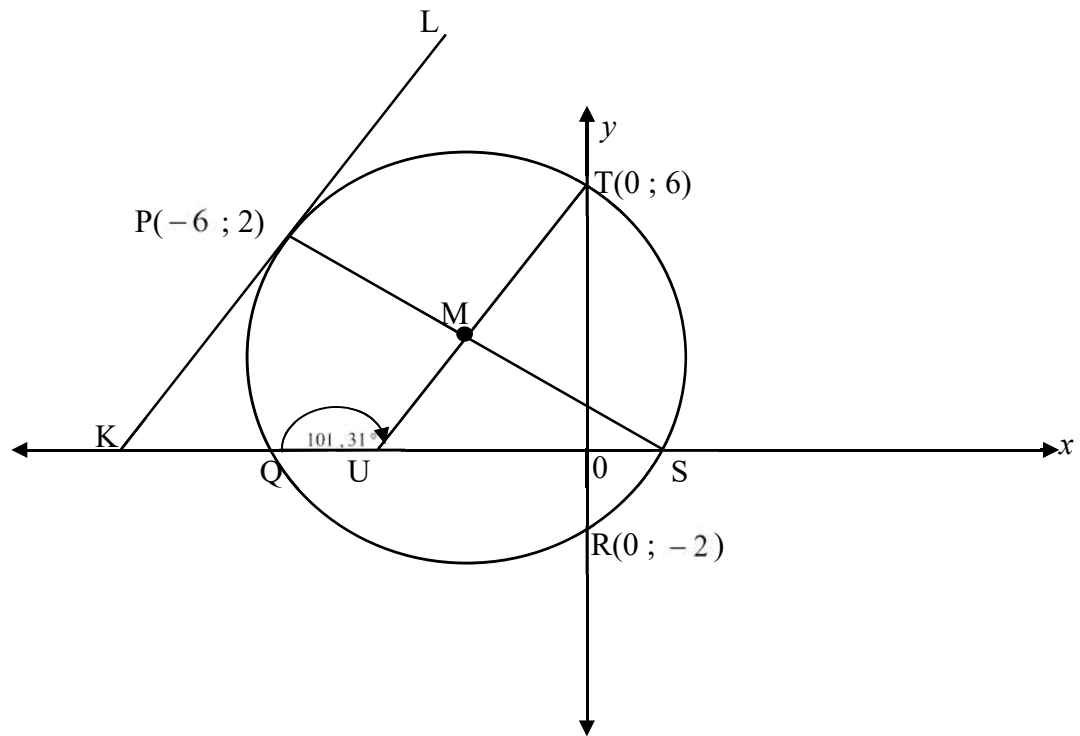
	Solution / Oplossing	Marks Punte
3.1.2		(2)
3.1.3		(2)
3.1.4		(6)

3.2



	Solution / Oplossing	Marks Punte
3.2.1		(5)
3.2.2		(6)
		[24]

QUESTION / VRAAG 4



	Solution / Oplossing	Marks Punte
4.1		(3)
4.2		(3)

	Solution / Oplossing	Marks Punte
4.3		(3)
4.4		(3)
4.5		(3)

(3)

[15]

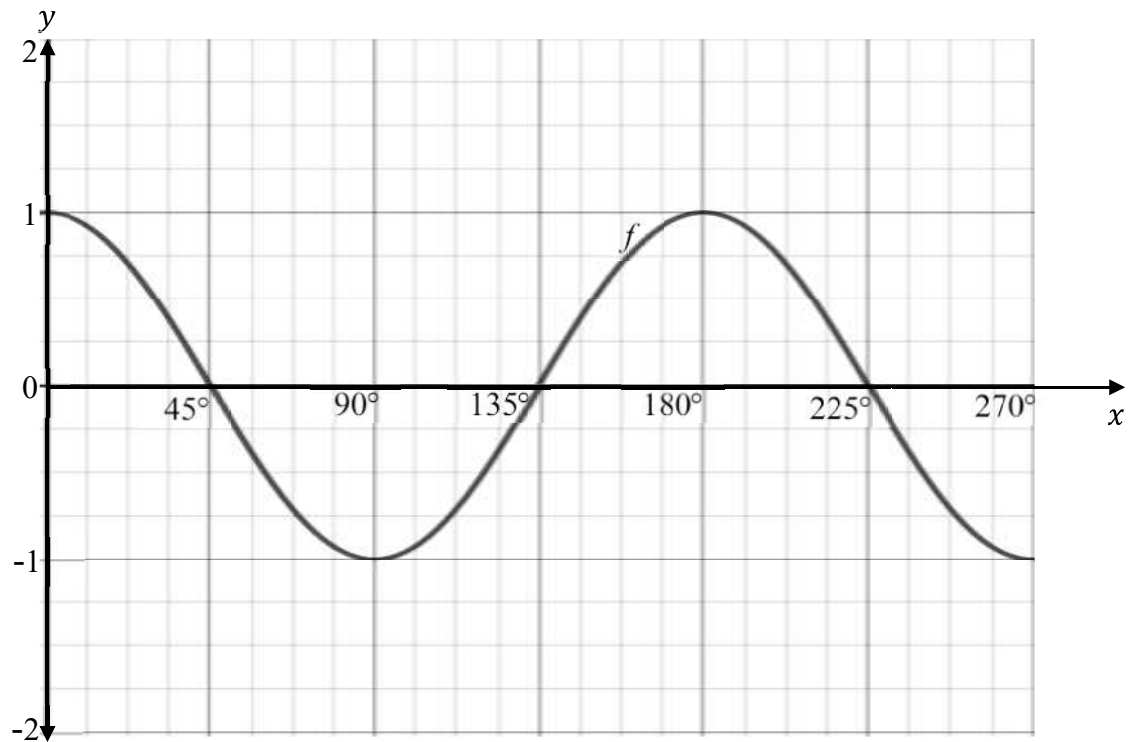
QUESTION / VRAAG 5

	Solution / Oplossing	Marks Punte
5.1.1		(2)
5.1.2		(3)
5.2		(6)

	Solution / Oplossing	Marks Punte
5.3		(4)
5.4.1		(3)

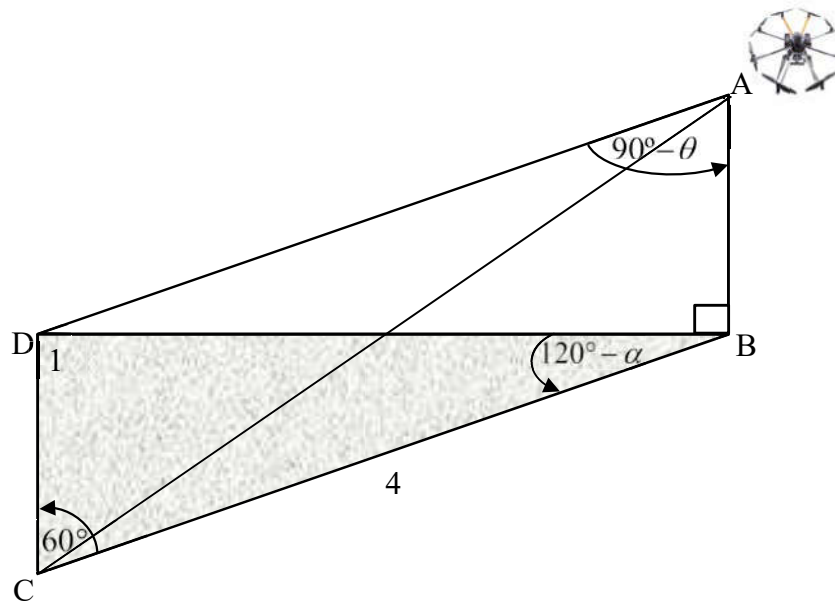
	Solution / Oplossing	Marks Punte
5.4.2		(4)
5.5		(4)
		[26]

QUESTION / VRAAG 6



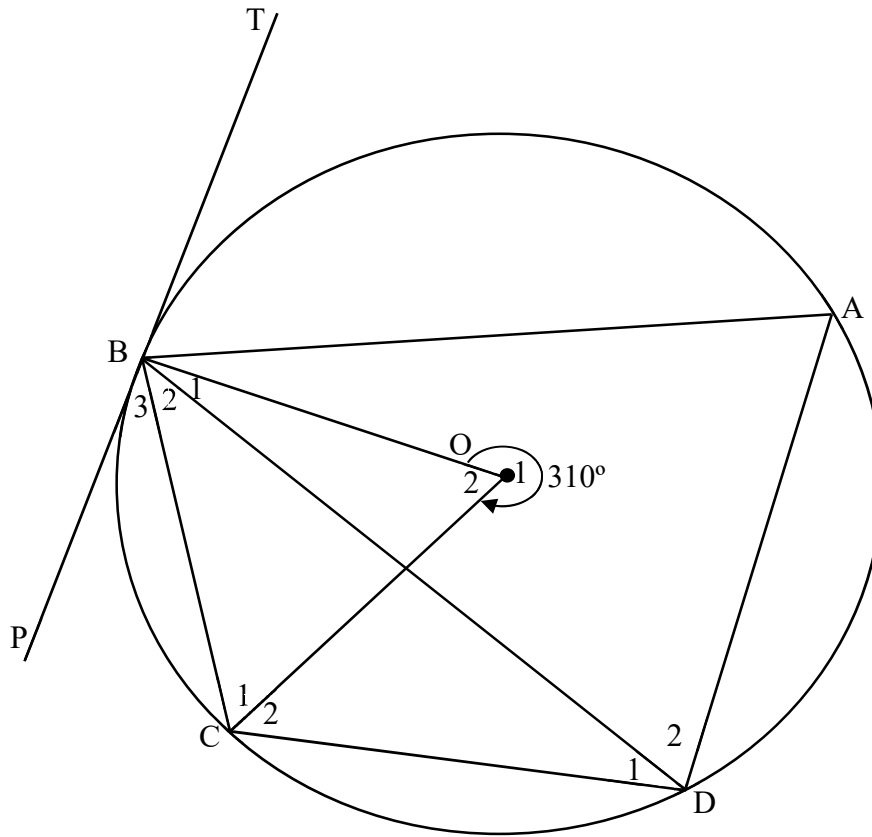
	Solution / Oplossing	Marks Punte
6.1	See graph / Sien grafiek	(4)
6.2		(1)
6.3		(2)
		[7]

QUESTION / VRAAG 7



	Solution / Oplossing	Marks Punte
7.1		(2)
7.2		(3)
7.3		(3)
		[8]

QUESTION / VRAAG 8

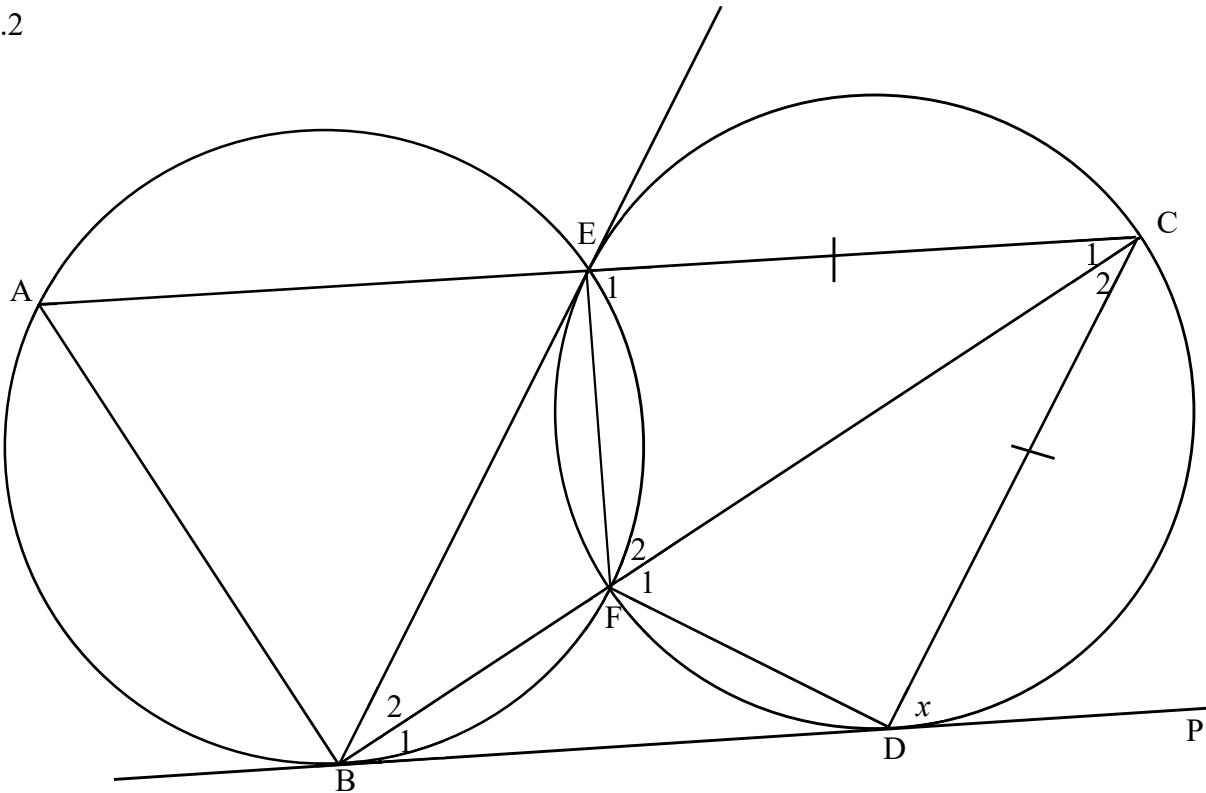


	Solution / Oplossing	Marks Punte
8.1		(3)
8.2		(2)
8.3		(4)
		[9]

QUESTION / VRAAG 9

	Solution / <i>Oplossing</i>	Marks <i>Punte</i>
9.1		(1)

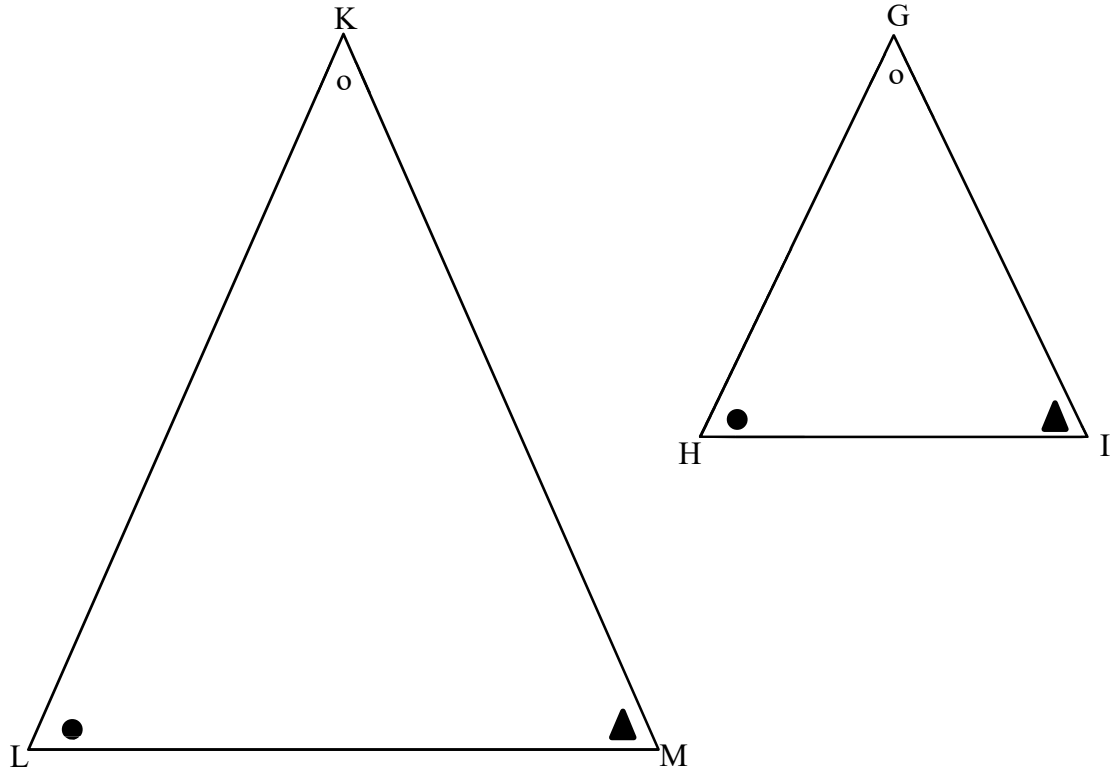
9.2

[illegible]

	Solution / Oplossing	Marks Punte
9.2.3		(2)
9.2.4		(5)
		[14]

QUESTION / VRAAG 10

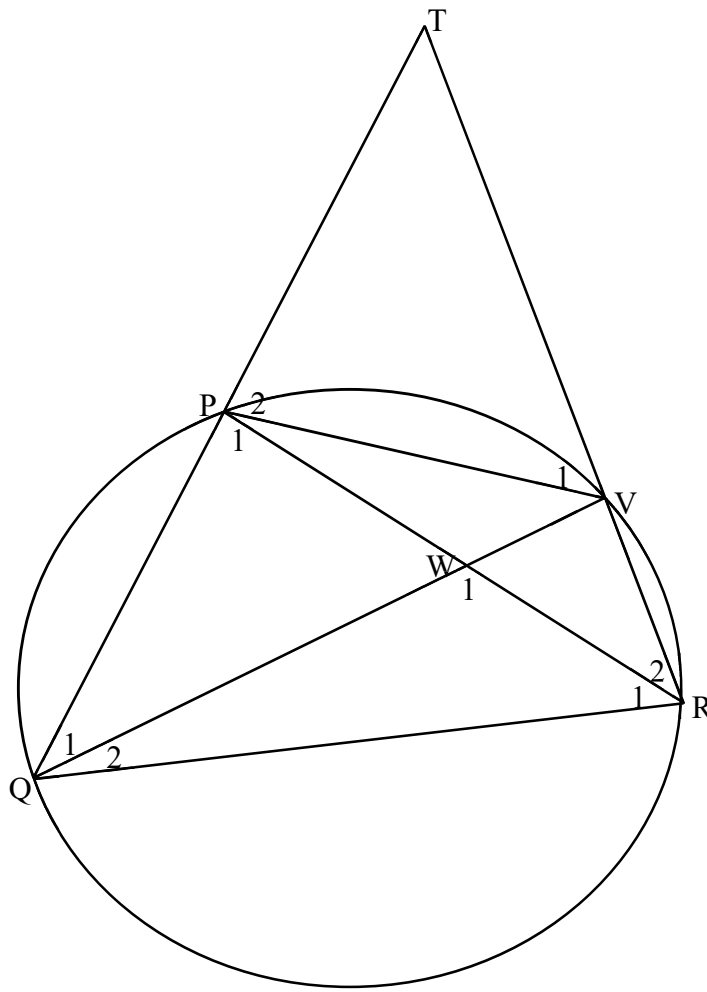
10.1



	Solution / Oplossing	Marks Punte
10.1		

(5)

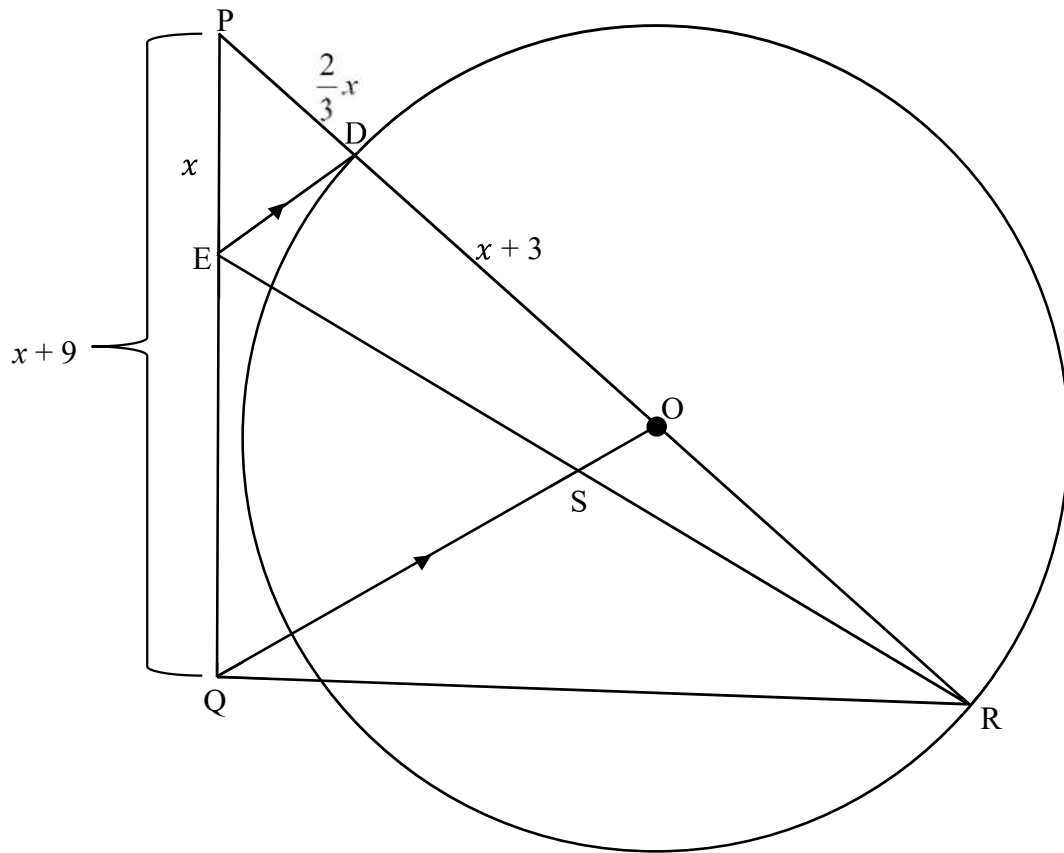
10.2



	Solution / Oplossing	Marks Punte
10.2.1		(3)

	Solution / <i>Oplossing</i>	Marks <i>Punte</i>
10.2.2		(3)
10.2.3		(6)

QUESTION / VRAAG 11



	Solution / <i>Oplossing</i>	Marks <i>Punte</i>
11.1		

(4)

	Solution / Oplossing	Marks Punte
11.2		(2)
11.3		(4)

(4)

[10]

[illegible]

[illegible]

TOTAL / TOTAAL: 150

END / EINDE



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10612X



WISKUNDE: V2 ANTWOORDEBOEK

Senior Certificate/ Senior Sertifikaat
Mathematics / Wiskunde Paper 2

Senior Certificate Answer Book
Seniorseertifikaat-antwoordeboek

basic education
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

