



GAUTENG PROVINCE

EDUCATION

REPUBLIC OF SOUTH AFRICA

**JUNE EXAMINATION/
JUNIE EKSAMEN
GRADE/GRAAD 12**

2023

MATHEMATICS/WISKUNDE

(PAPER/VRAESTEL 2)

ANSWER BOOK/ANTWOORDBOEK

23 pages/bladsye

LEARNER'S NAME / LEERDER SE NAAM	
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CLASS/KLAS	
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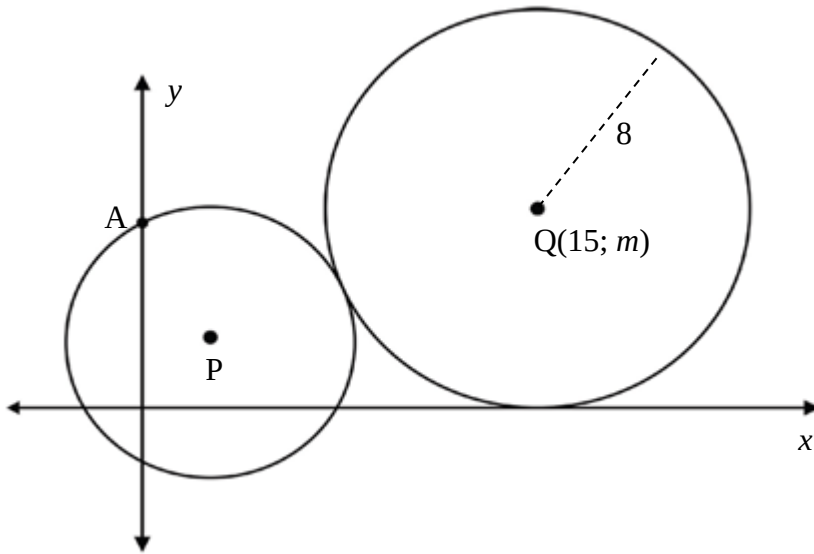
QUESTION/VRAAG	MARKS/PUNTE
1	
2	
3	
4	
5	
6	
7	
8	
TOTAL/TOTAAL: 130	

QUESTION/VRAAG 1

	Solution/Oplossing	Marks/ Punte
1.1		(2)
1.2		(3)
1.3		(3)
1.4		(5)

	Solution/Oplossing	Marks/ Punte
1.5		(3)
1.6		(5)
		[21]

QUESTION/VRAAG 2



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

	Solution/Oplossing	Marks/ Punte
2.1.4		(3)
2.1.5		(4)
2.2.1		(4)
2.2.2		(2)

2.2.3		(2)
		[20]

QUESTION/VRAAG 3

	Solution/Oplossing	Marks/ Punte
3.1		(8)

	Solution/Oplossing	Marks/ Punte
3.2		(7)
3.3.1		(2)

3.3.2		(3)
3.3.3		(4)
		[24]

QUESTION/VRAAG 4

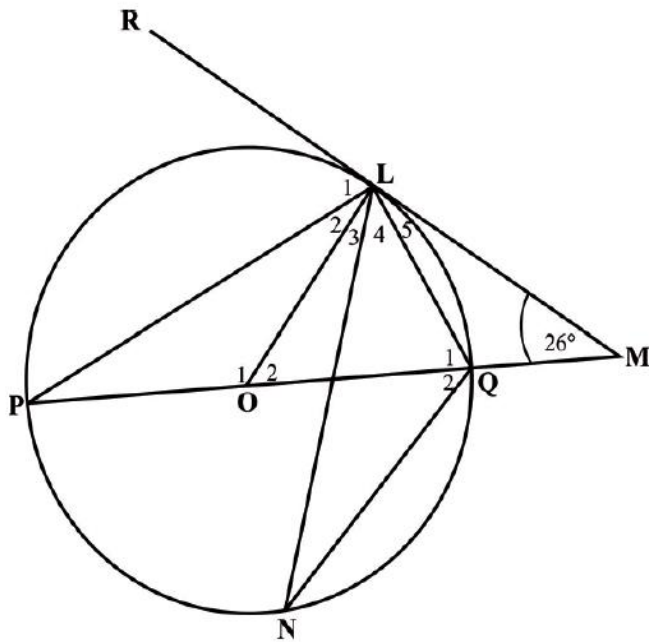
	Solution/Oplossing	Marks/ Punte
4.1		(6)

	Solution/Oplossing	Marks/ Punte
4.2		(5)
4.3		(7)

	Solution/Oplossing	Marks/ Punte
4.4.1		
		(3)
4.4.2		
		(2)

4.4.3		(2) [25]

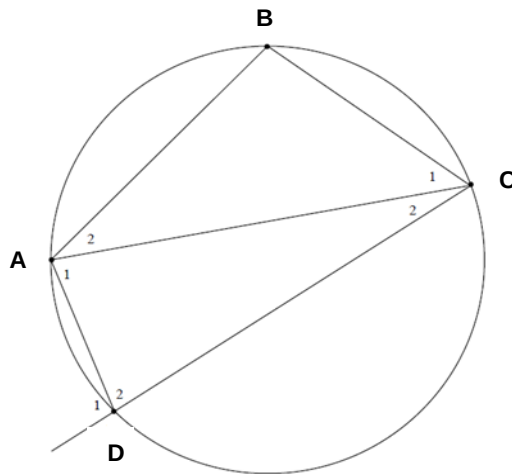
QUESTIONVRAAG 5



	Solution/Oplissing	Marks/ Punte
5.1.1		(2)
5.1.2		(1)
5.1.3		(2)

	Solution/Oplissing	Marks/ Punte
5.1.4		(3)

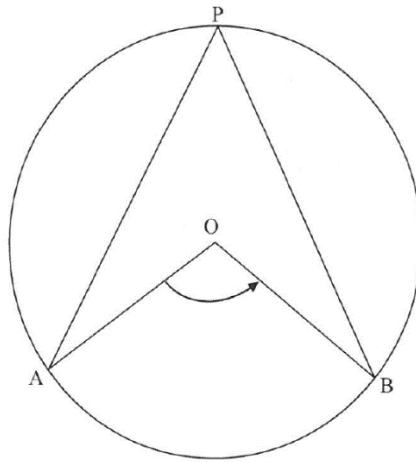
5.2



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

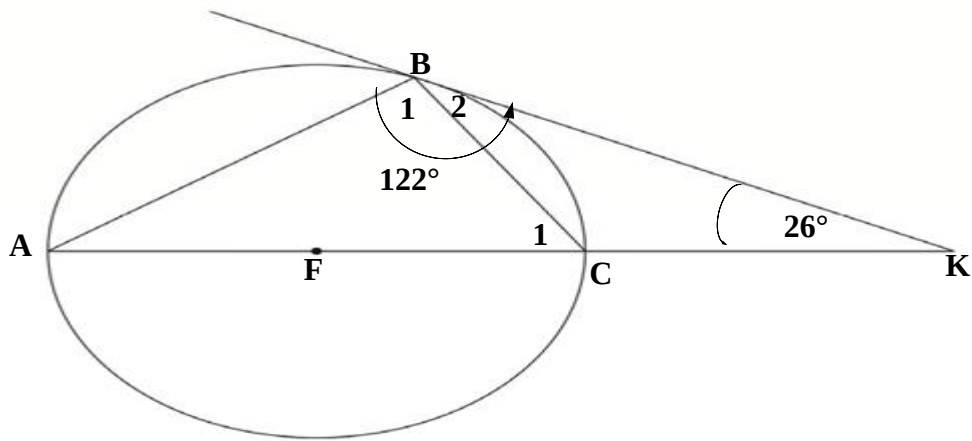
QUESTION/VRAAG 6

6.1



	Solution/Oplossing	Marks/ Punte
6.1		
		(5)

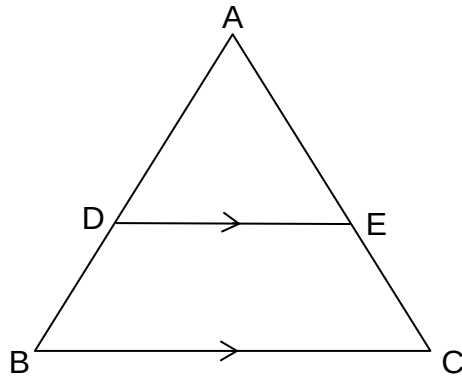
6.2



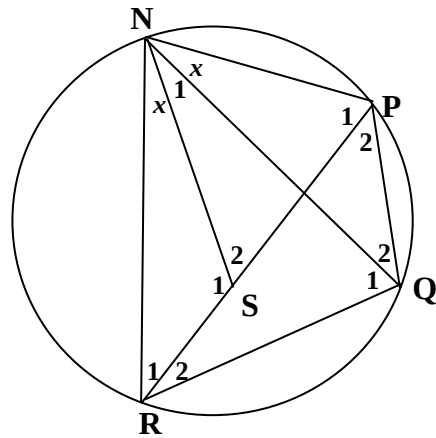
	Solution/<i>Oplossing</i>	Marks/ <i>Punte</i>
6.2		

QUESTION/VRAAG 7

7.1

[illegible]

QUESTION/VRAAG 8



	Solution/Oplissing	Marks/ Punte
8.1		
		(3)

	Solution/Oplossing	Marks/ Punte
8.2		
		(3)
		[6]

TOTAL/TOTAAL: 130

