



LEARNER'S NAME: <i>LEERDER SE NAAM:</i>	
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GRADE 12 <i>GRAAD 12</i>	
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**NATIONAL/NASIONALE
SENIOR
CERTIFICATE/SERTIFIKAAT**

GRADE 12/GRAAD 12

SEPTEMBER 2022

**MATHEMATICS P2/WISKUNDE V2
SPECIAL ANSWER BOOK/SPEZIALE ANTWOORDEBOEK**

Marker/Merker			Moderator's Initials / Moderator se paraaf									
Question <i>Vraag</i>	Mark <i>Punt</i>	Initial <i>Parafeer</i>	Marks <i>Punte</i>	S M	Marks <i>Punte</i>	D M	Marks <i>Punte</i>	P M	Marks <i>Punte</i>	NM		
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
TOTAL <i>TOTAAL</i>												

This special answer book consists of 18 pages./
Hierdie spesiale antwoordeboek bestaan uit 18 bladsye.



QUESTION 1/VRAAG 1

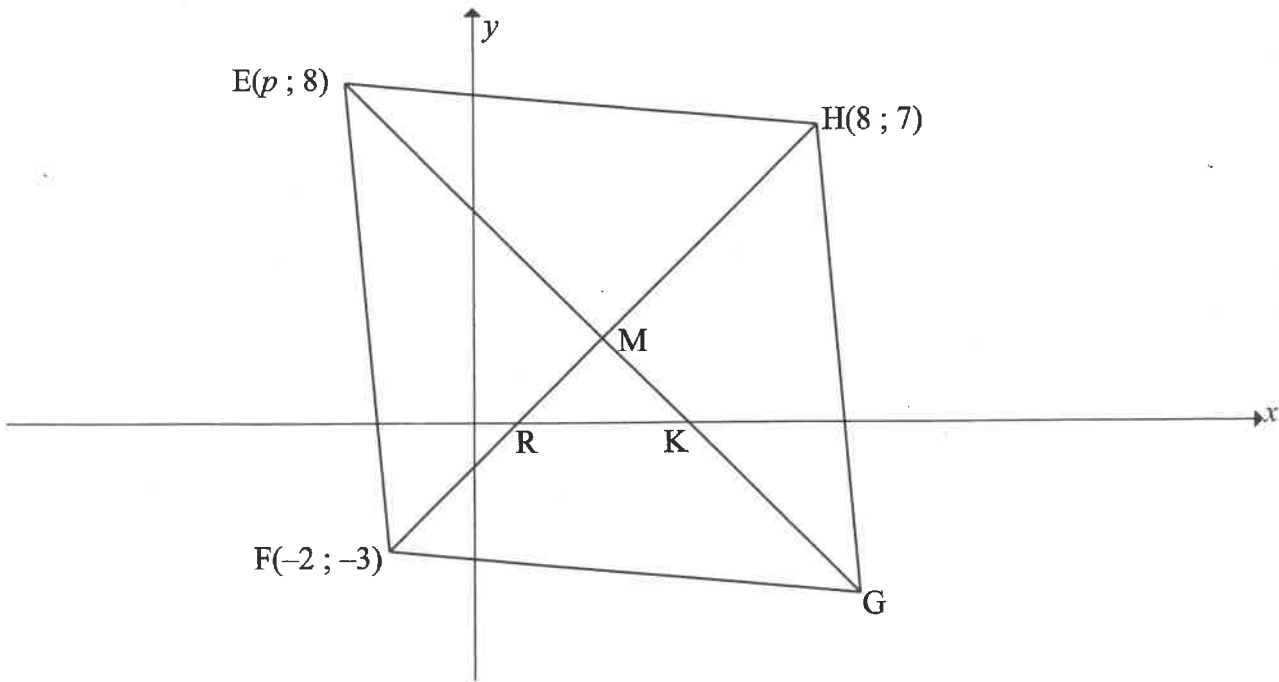
	Solution/Oplissing	Marks/Punte																														
1.1	<table border="1"> <thead> <tr> <th>Distance of Jumps <i>Afstand van Spronge</i> (in cm)</th> <th>Number of athletes <i>Aantal atlete</i></th> <th>Cumulative Frequency <i>Kumulatiewe Frekwensie</i></th> </tr> </thead> <tbody> <tr> <td>$420 < d \leq 460$</td> <td>6</td> <td></td> </tr> <tr> <td>$460 < d \leq 500$</td> <td>14</td> <td></td> </tr> <tr> <td>$500 < d \leq 540$</td> <td>16</td> <td></td> </tr> <tr> <td>$540 < d \leq 580$</td> <td>42</td> <td></td> </tr> <tr> <td>$580 < d \leq 620$</td> <td>14</td> <td></td> </tr> <tr> <td>$620 < d \leq 660$</td> <td>2</td> <td></td> </tr> <tr> <td>$660 < d \leq 700$</td> <td>3</td> <td></td> </tr> <tr> <td>$700 < d \leq 740$</td> <td>2</td> <td></td> </tr> <tr> <td>$740 < d \leq 780$</td> <td>1</td> <td></td> </tr> </tbody> </table>	Distance of Jumps <i>Afstand van Spronge</i> (in cm)	Number of athletes <i>Aantal atlete</i>	Cumulative Frequency <i>Kumulatiewe Frekwensie</i>	$420 < d \leq 460$	6		$460 < d \leq 500$	14		$500 < d \leq 540$	16		$540 < d \leq 580$	42		$580 < d \leq 620$	14		$620 < d \leq 660$	2		$660 < d \leq 700$	3		$700 < d \leq 740$	2		$740 < d \leq 780$	1		(2)
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$700 < d \leq 740$	2																															
$740 < d \leq 780$	1																															
1.2	<p style="text-align: center;">OGIVE/OGIEF</p>	(4)																														
1.3		(2)																														
1.4		(2)																														
		[10]																														

QUESTION 2/VRAAG 2

Long jumper / Verspringer	1	2	3	4	5	6
x: Hours practised / Ure geoefen	4,5	2	3,5	4	8	3
y: Distance jumped / Afstand gespring (cm)	650	420	580	490	780	525

	Solution/Oplissing	Marks/ Punte
2.1		4 (3)
2.2		 (2)
2.3		 (2)
2.4.1		 (1)
2.4.2		 (1)
2.4.3		 (1)
		[10]

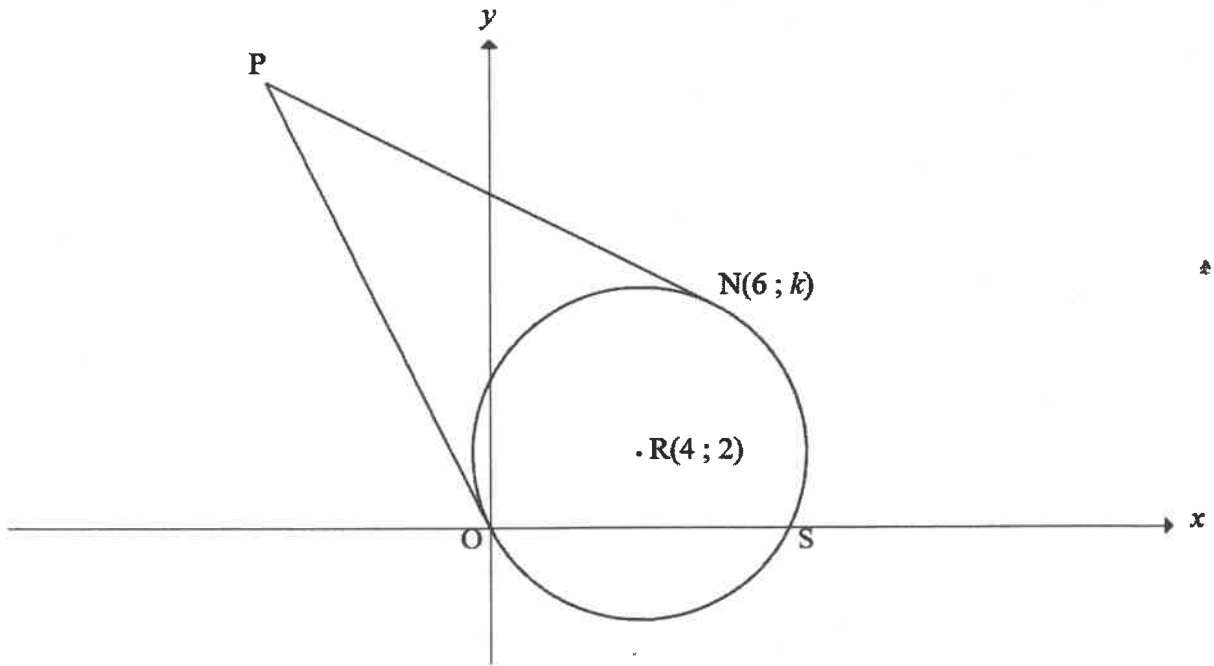
QUESTION 3/VRAAG 3



	Solution/Oplissing	Marks/Punte
3.1.1		(2)
3.1.2		(2)
3.1.3		(4)

	Solution/Oplissing	Marks/ Punte
3.2		
		(4)
3.3		
		(2)
3.4		
		(3)
		[17]

QUESTION 4/VRAAG 4



	Solution/Oplissing	Marks/Punte
4.1		(3)
4.2		(4)
4.3		(5)

	Solution/Oplissing	Marks/ Punte
4.4.1		
		(3)
4.4.2		
		(4)
4.5		
		(4)
		[23]

QUESTION 5/VRAAG 5

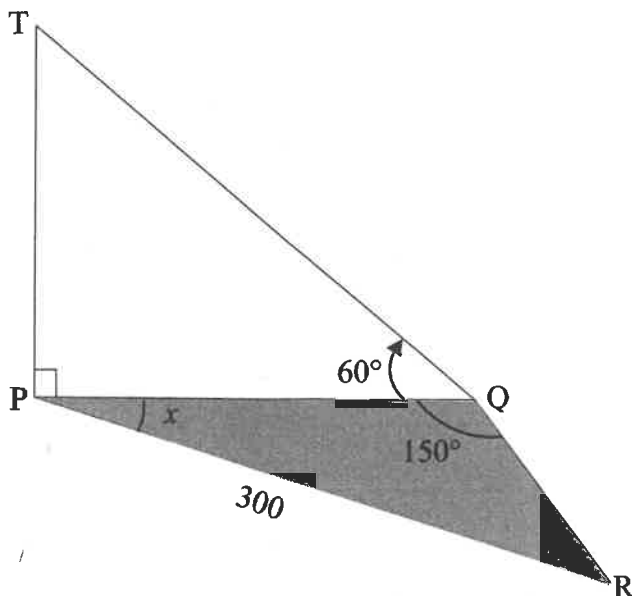
	<i>Solution/Oplossing</i>	<i>Marks/ Punte</i>
5.1.1		(2)
5.1.2		(3)
5.1.3		(2)
5.2.1		(5)
5.2.2		(4)

	Solution/Oplissing	Marks/ Punte
5.3.1		
	(4)	
5.3.2		
	(3)	
5.4		
	(7)	
		[30]

QUESTION 6/VRAAG 6

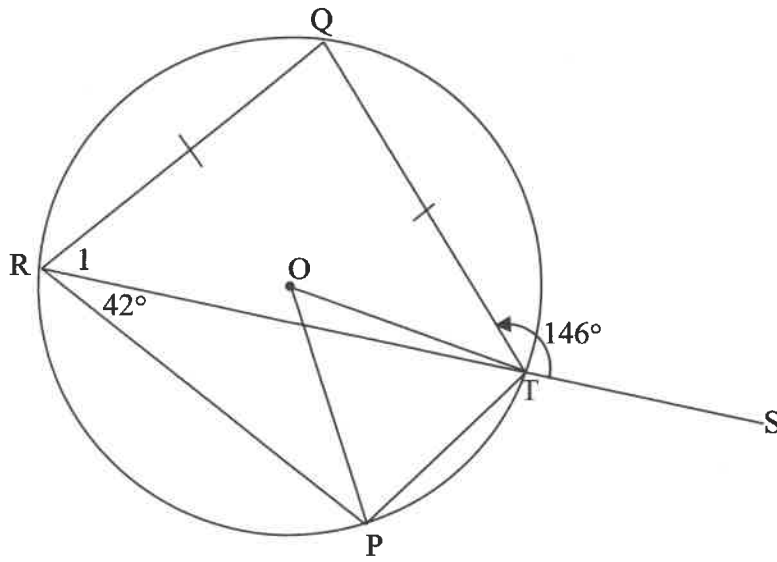
	Solution/Oplissing	Marks/ Punte
6.1		4
6.2.1		(3)
		(1)
6.2.2		
		(2)
6.3		
		(2)
6.4		
		(2)
6.5		
		(2)
		[12]

QUESTION 7/VRAAG 7



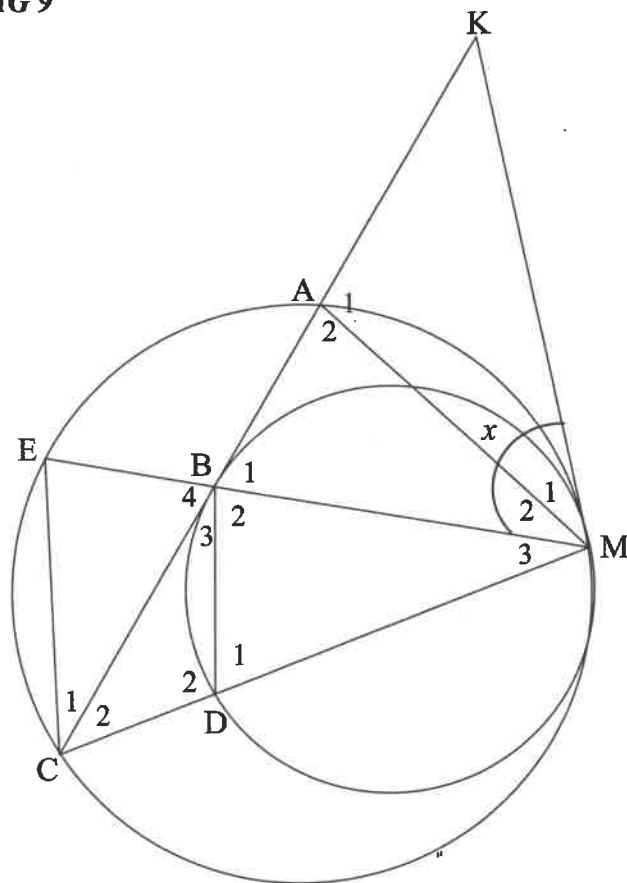
	Solution/Oplissing	Marks/Punte
7.1		(1)
7.2		(3)
7.3		(4)
		[8]

QUESTION 8/VRAAG 8



	Solution/Oplissing	Marks/Punte
8.1		(2)
8.2		(2)
8.3		(3)
		[7]

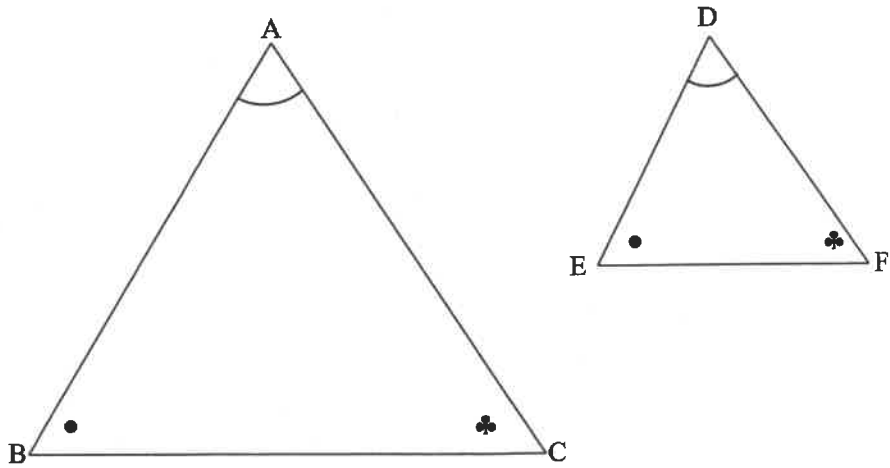
QUESTION 9/VRAAG 9



	Solution/Oplissing	Marks/ Punte
9.1		(5)
9.2.1		(2)
9.2.2		(3)
9.2.3		(2)
		[12]

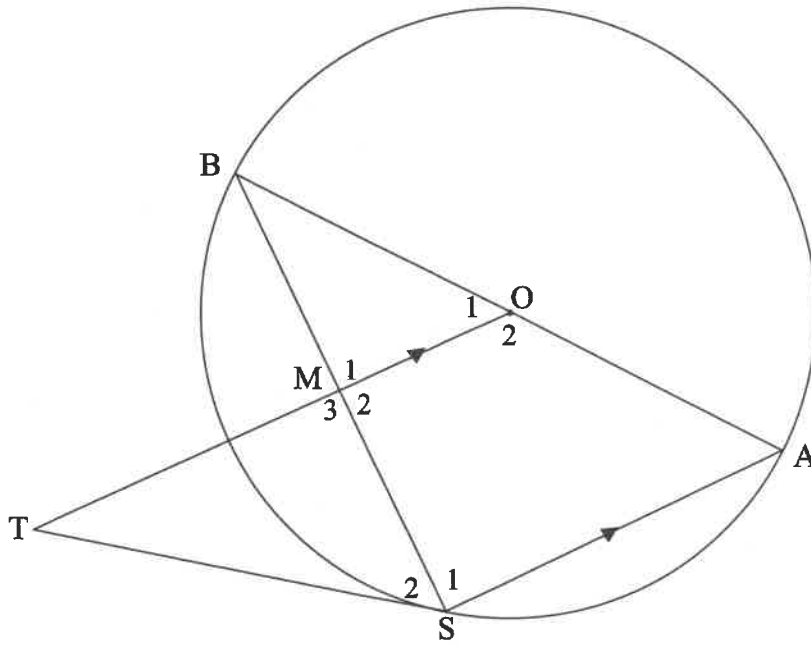
QUESTION 10/VRAAG 10

10.1



	Solution/Oplissing	Marks/ Punte
10.1	<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>	(6)

10.2



	Solution/Oplissing	Marks/ Punte
10.2.1		(4)
10.2.2		(5)
10.2.3		(3)
10.2.4		(3)
		[21]