



<b>LEARNER'S NAME:</b> <i>LEERDER SE NAAM:</i>	
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<b>GRADE 12</b> <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 Vraag	Mark Punt		Initial Parafeer	Marks Punte		S M	Marks Punte		D M	Marks Punte		P M	Marks Punte		NM	
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
TOTAL TOTAAL																

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

## QUESTION 1/VRAAG 1

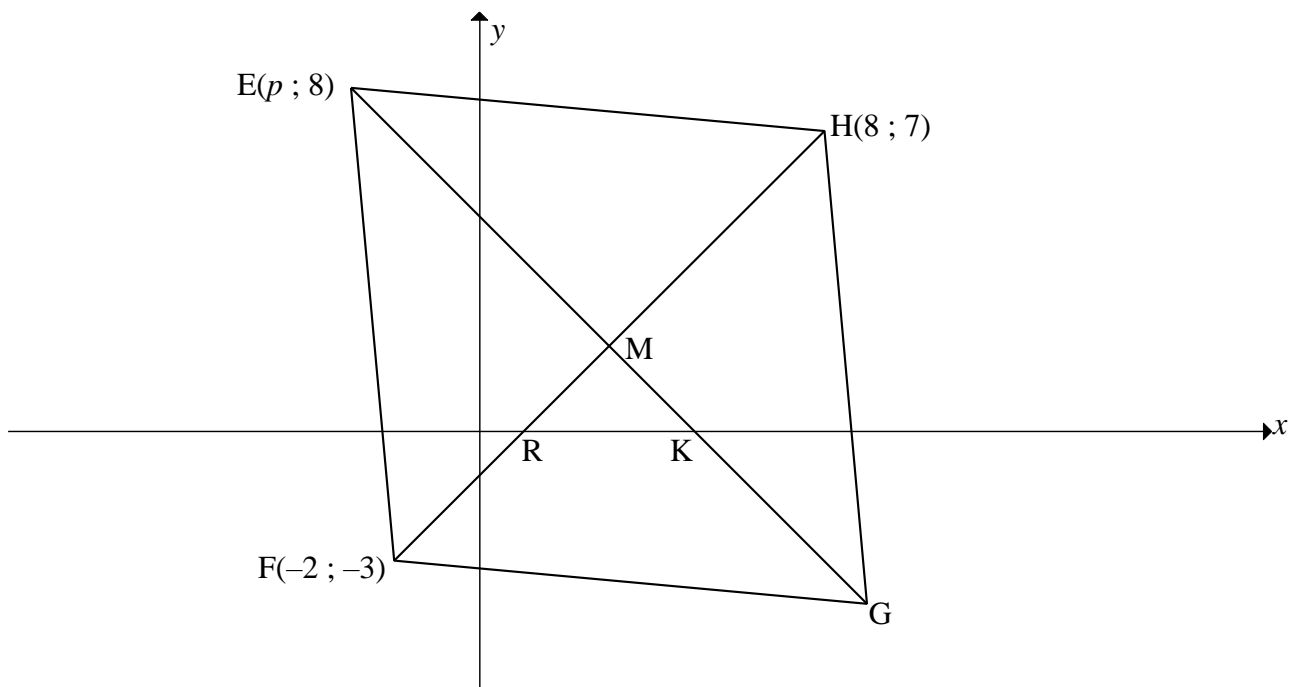
	Solution/Oplissing	Marks/ Punte																														
1.1	<table border="1"> <thead> <tr> <th>Distance of Jumps <i>Afstand van Spronge</i> (in cm)</th><th>Number of athletes <i>Aantal atlete</i></th><th>Cumulative Frequency <i>Kumulatiewe Frekwensie</i></th></tr> </thead> <tbody> <tr><td><math>420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

## QUESTION 2/VRAAG 2

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

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

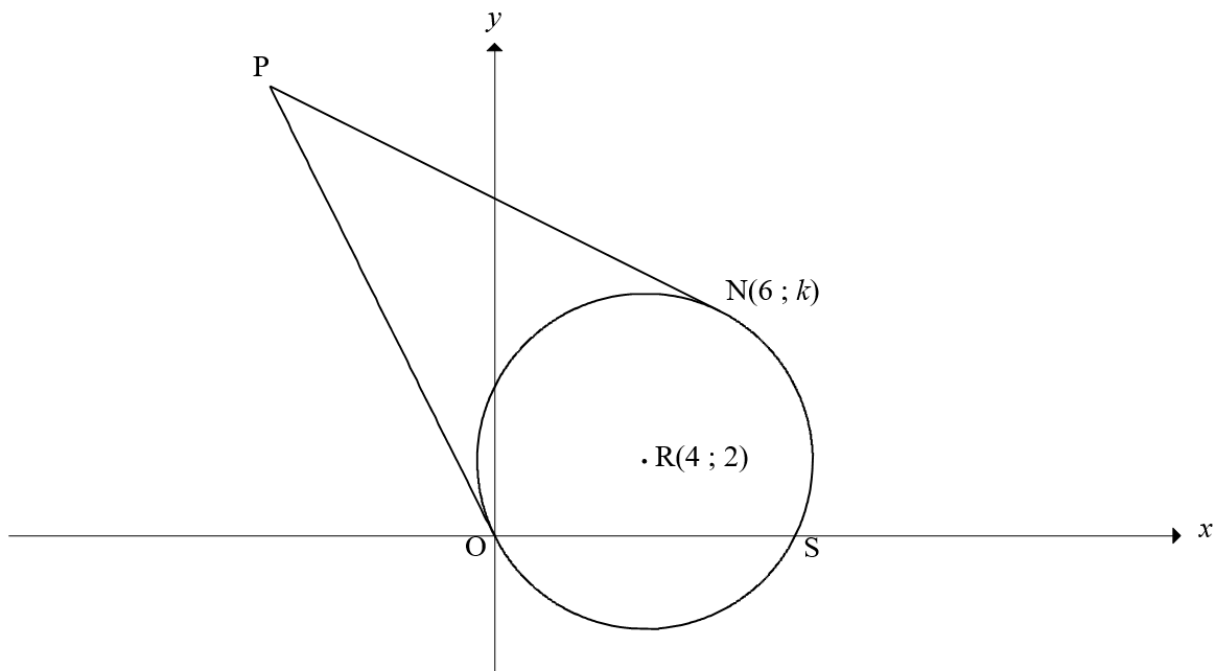
## QUESTION 3/VRAAG 3



	Solution/ <i>Oplossing</i>	Marks/ <i>Punte</i>
3.1.1		(2)
3.1.2		(2)
3.1.3		(4)

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

## QUESTION 4/VRAAG 4



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

	<b>Solution/Oplossing</b>	<b>Marks/ Punte</b>
4.4.1		(3)
4.4.2		(4)
4.5		(4)
		<b>[23]</b>

**QUESTION 5/VRAAG 5**

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

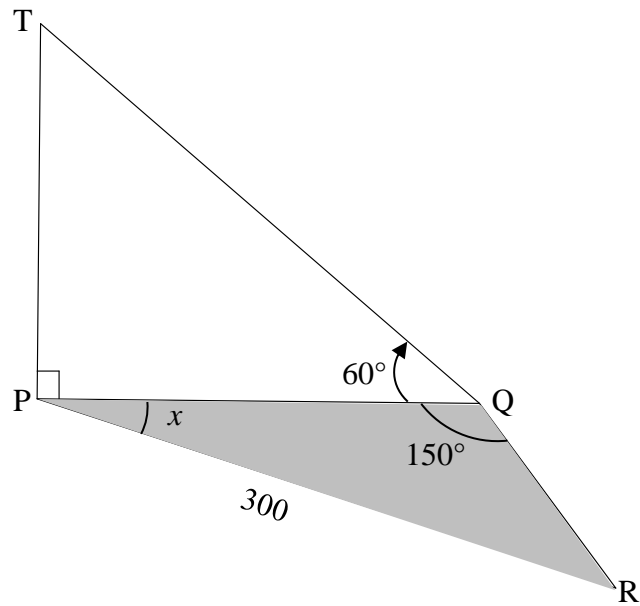


	<b>Solution/Oplissing</b>	<b>Marks/ Punte</b>
5.3.1		(4)
5.3.2		(3)
5.4		(7)
		<b>[30]</b>

## QUESTION 6/VRAAG 6

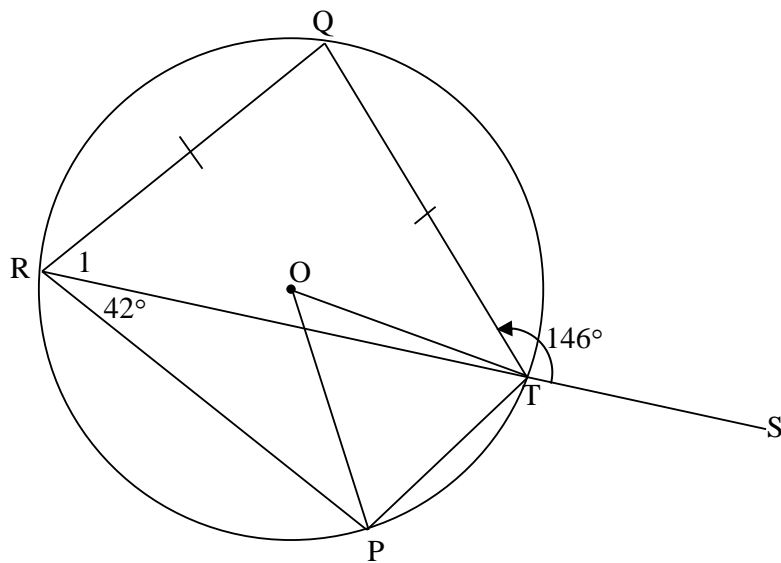
	Solution/Oplissing	Marks/ Punte
6.1		
		(3)
6.2.1		
		(1)
6.2.2		
		(2)
6.3		
		(2)
6.4		
		(2)
6.5		
		(2)
		<b>[12]</b>

## QUESTION 7/VRAAG 7



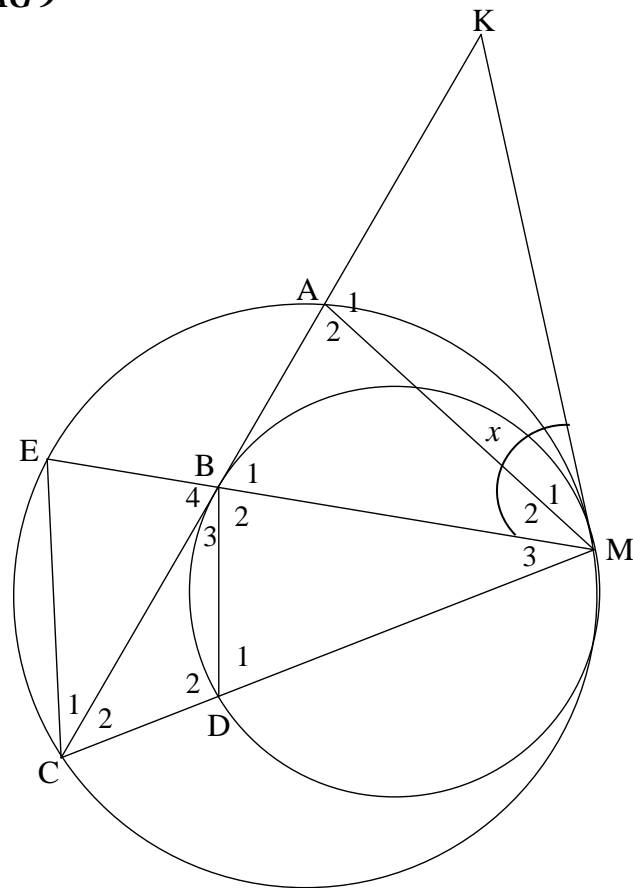
	<b>Solution/Oplossing</b>	<b>Marks/ Punte</b>
7.1		(1)
7.2		(3)
7.3		(4)
		<b>[8]</b>

## QUESTION 8/VRAAG 8



	<b>Solution/Oplossing</b>	<b>Marks/ Punte</b>
8.1		(2)
8.2		(2)
8.3		(3)
		<b>[7]</b>

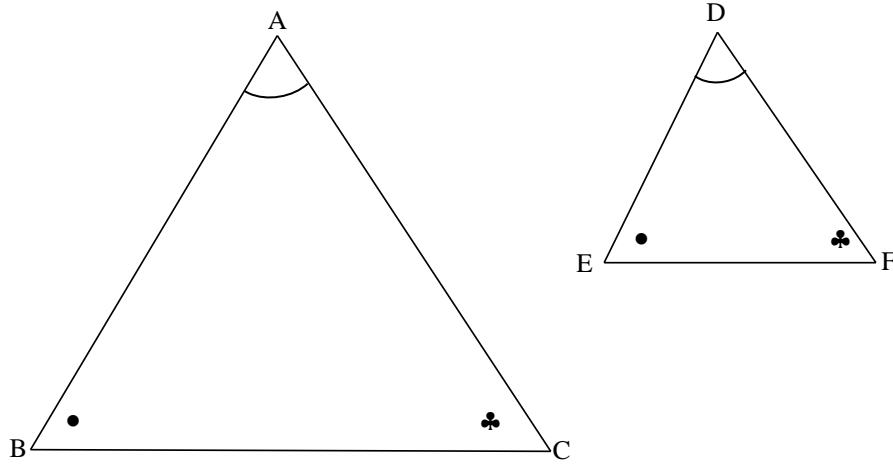
## QUESTION 9/VRAAG 9



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

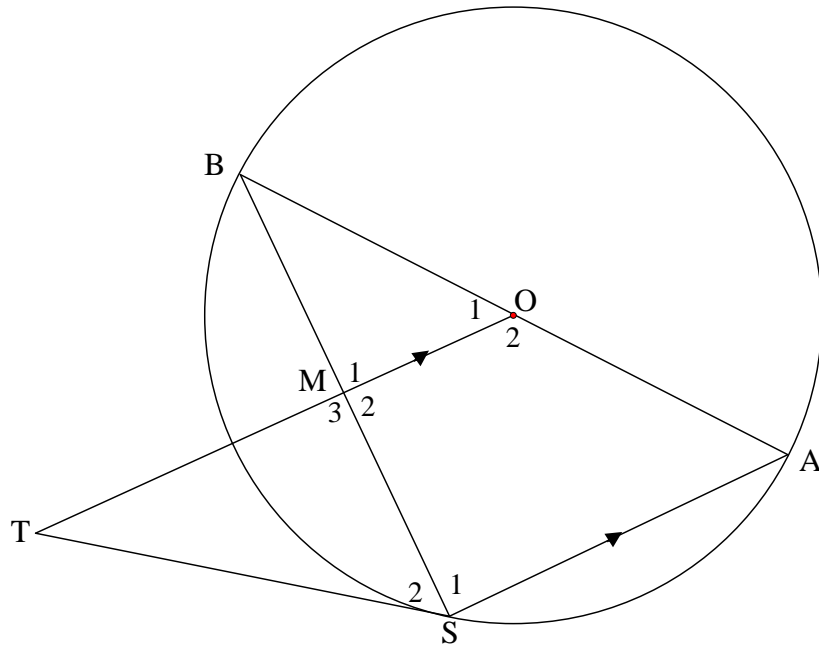
**QUESTION 10/VRAAG 10**

10.1



	<b>Solution/Oplossing</b>	<b>Marks/ Punte</b>
10.1		(6)

10.2



	<b>Solution/Oplossing</b>	<b>Marks/ Punte</b>
10.2.1		(4)
10.2.2		(5)
10.2.3		(3)
10.2.4		(3)
		<b>[21]</b>

[illegible]





**TOTAL/TOTAAL: 150**