



LEARNER'S NAME:
LEERDER SE NAAM:

--

GRADE 12
GRAAD 12

--

**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

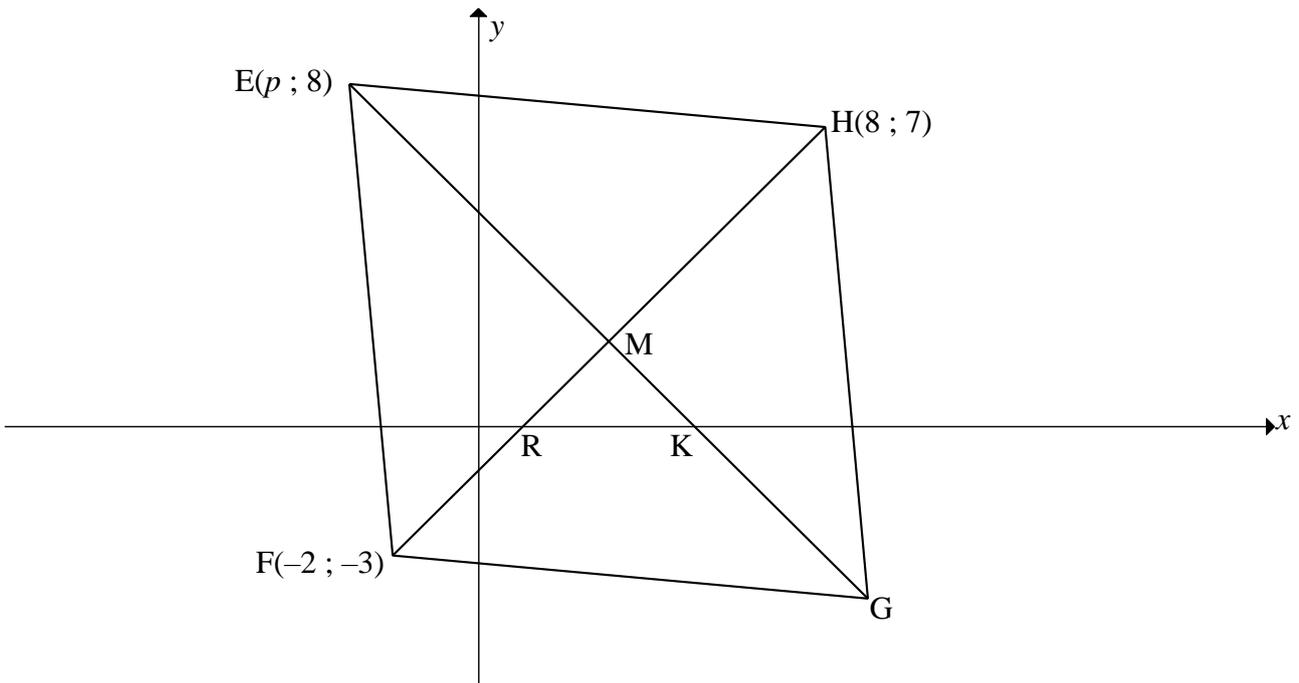
	Solution/Oplissing	Marks/ Punte																														
1.1	<table border="1"> <thead> <tr> <th>Distance of Jumps <i>Afstand van Spronge</i> (in cm)</th> <th>Number of athletes <i>Aantal atlete</i></th> <th>Cumulative Frequency <i>Kumulatiewe Frekwensie</i></th> </tr> </thead> <tbody> <tr> <td>$420 < d \leq 460$</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)
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																															
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		(3)
2.2		(2)
2.3		(2)
2.4.1		(1)
2.4.2		(1)
2.4.3		(1)
		[10]

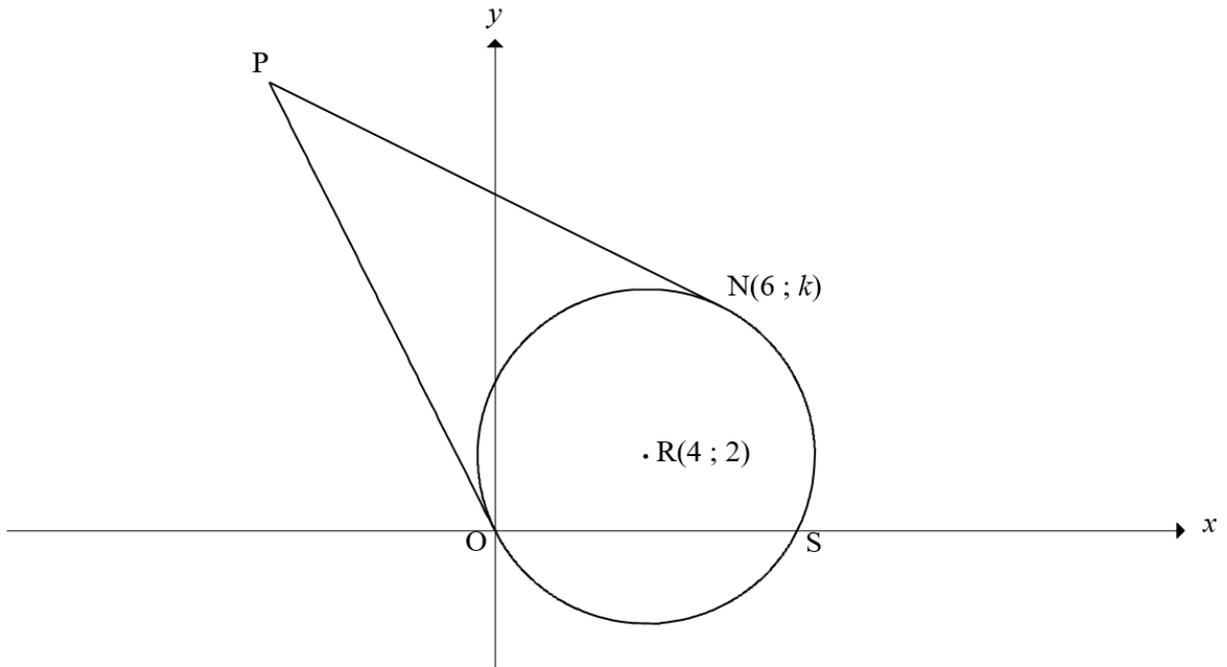
QUESTION 3/VRAAG 3



	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

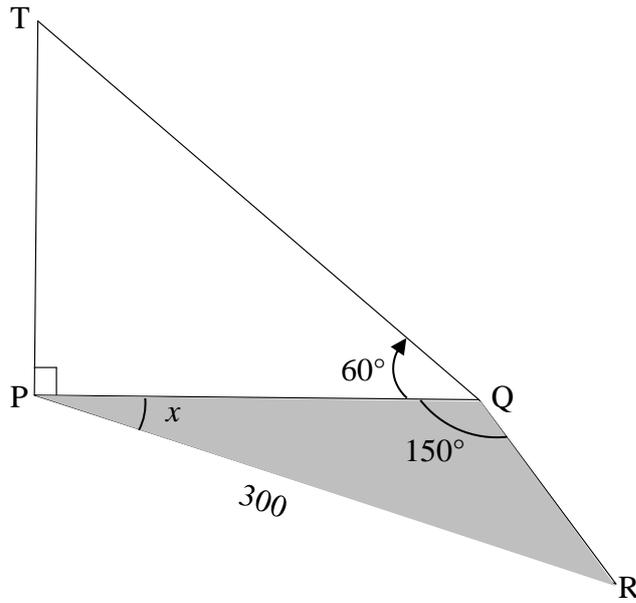
	<i>Solution/Oplissing</i>	<i>Marks/Punte</i>
5.1.1		(2)
5.1.2		(3)
5.1.3		(2)
5.2.1		(5)
5.2.2		(4)

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

QUESTION 6/VRAAG 6

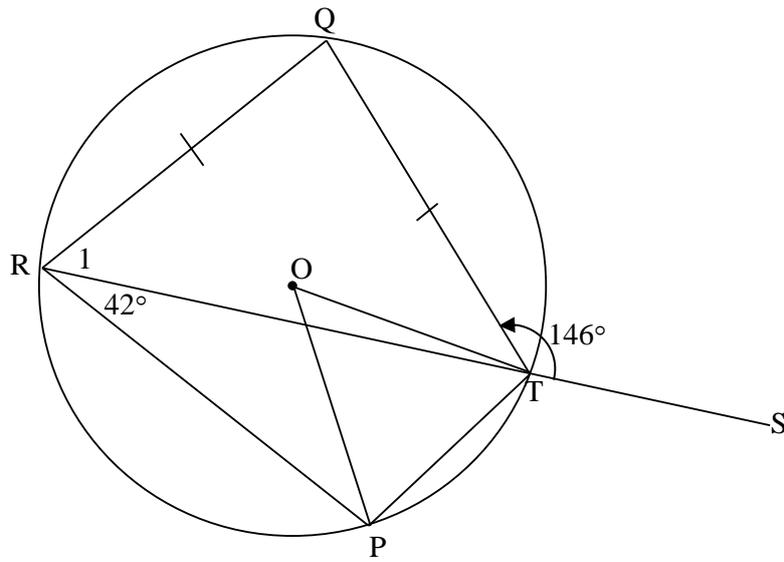
	Solution/Oplissing	Marks/ Punte
6.1		(3)
6.2.1		(1)
6.2.2		(2)
6.3		(2)
6.4		(2)
6.5		(2)
		[12]

QUESTION 7/VRAAG 7



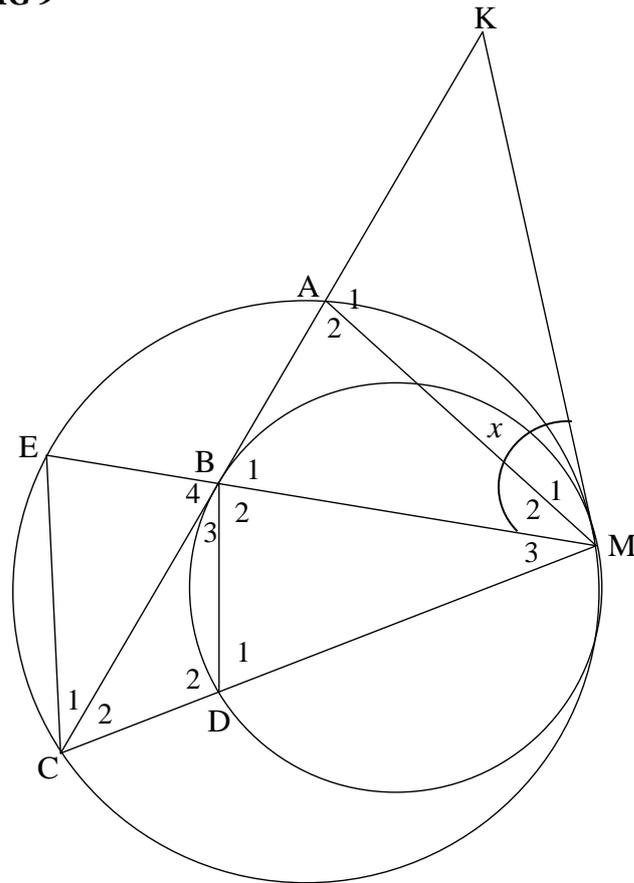
	Solution/Oplissing	Marks/ Punte
7.1		(1)
7.2		(3)
7.3		(4)
		[8]

QUESTION 8/VRAAG 8



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

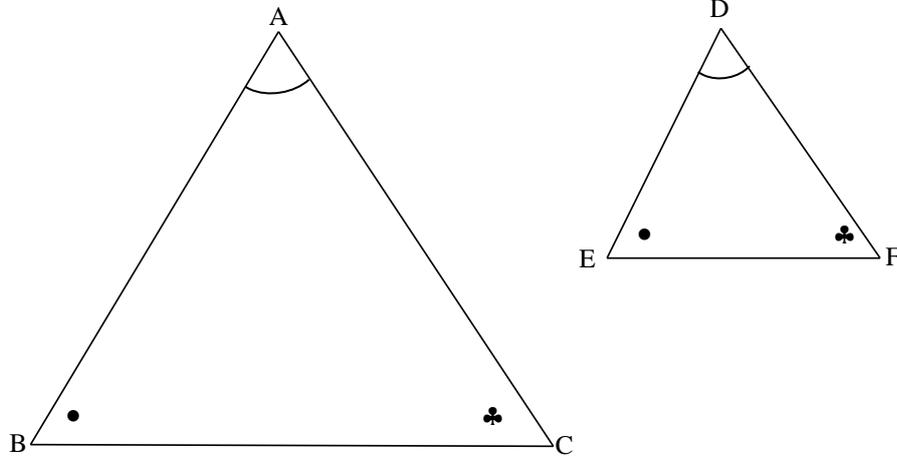
QUESTION 9/VRAAG 9



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

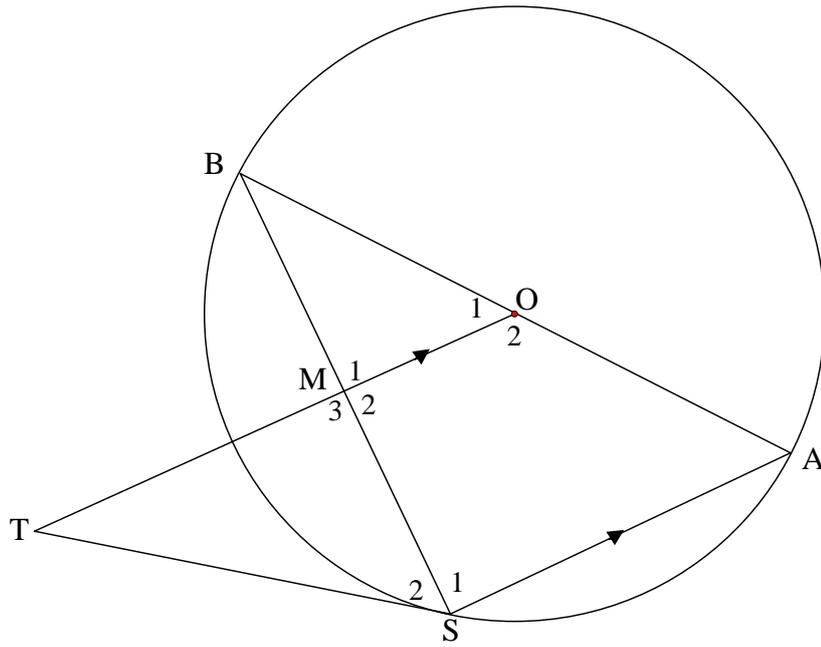
QUESTION 10/VRAAG 10

10.1



	Solution/Oplissing	Marks/Punte
10.1		(6)

10.2



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

