

NAME OF LEARNER: <i>NAAM VAN LEERDER:</i>	
CLASS: <i>KLAS:</i>	

**NATIONAL SENIOR CERTIFICATE**  
***NASIONALE SENIOR SERTIFIKAAT***

**MATHEMATICS P2/*WISKUNDE V2***

**GRADE/*GRAAD* 10**

**NOVEMBER 2015**

**SPECIAL ANSWER BOOK**  
***SPESIALE ANTWOORDEBOEK***

QUESTION <i>VRAAG</i>	MARK <i>PUNT</i>			INITIAL <i>PARAAF</i>	MODERATION <i>MODERERING</i>			INITIAL <i>PARAAF</i>
1								
2								
3								
4								
5								
6								
7								
8								
9								
<b>TOTAL</b> <b><i>TOTAAL</i></b> <b>(100)</b>								

**This answer book consists of 16 pages.**  
***Hierdie antwoordeboek bestaan uit 16 bladsye.***

**QUESTION/VRAAG 1**

14	15	16	16	17	17	18	18	19	19
19	20	21	21	22	23	24	24	29	

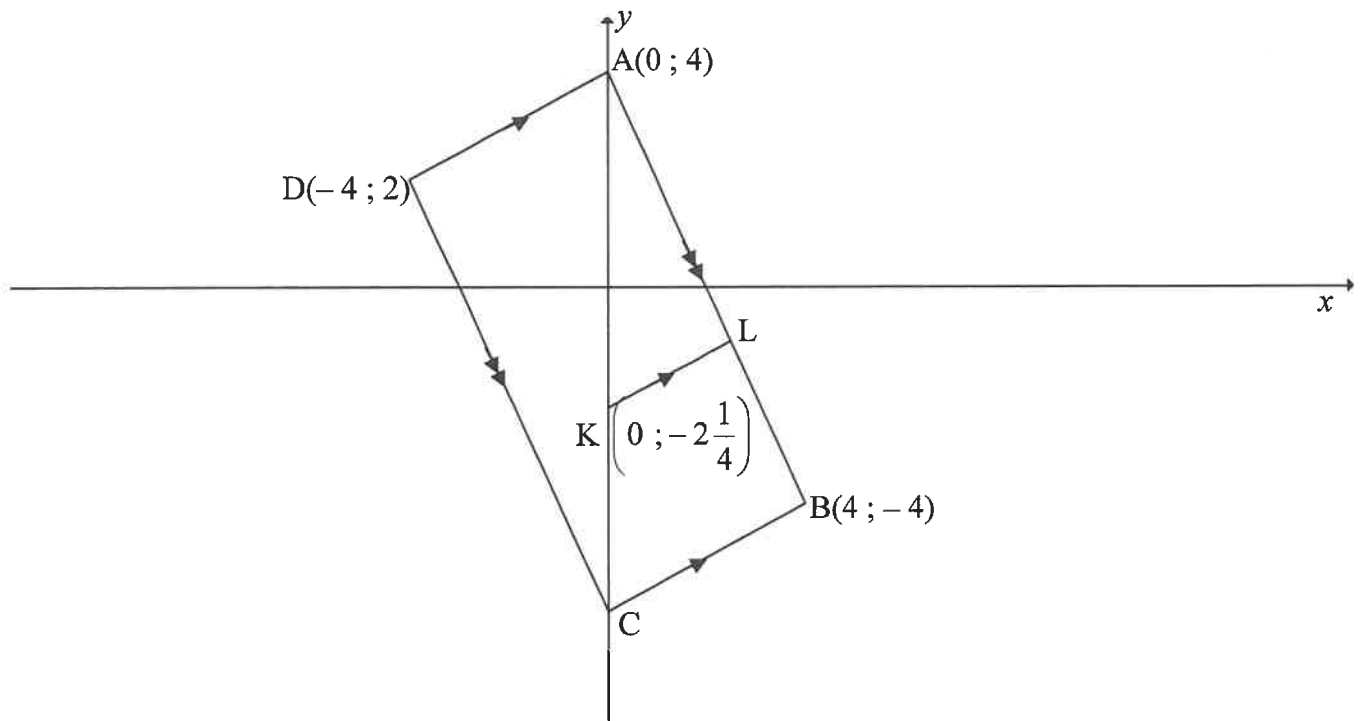
	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
1.1		(1)
1.2		(2)
1.3		(2)
1.4.1		(2)
1.4.2		(1)
1.5		(2)
		<b>[10]</b>

**QUESTION/VRAAG 2**

<b>NUMBER OF HOURS (<i>h</i>)/ GETAL UUR (<i>h</i>)</b>	<b>FREQUENCY/ FREKWENSIE</b>
$0 < h \leq 2$	10
$2 < h \leq 4$	15
$4 < h \leq 6$	30
$6 < h \leq 8$	35
$8 < h \leq 10$	25
$10 < h \leq 12$	5

	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
2.1		(1)
2.2		(3)
		[4]

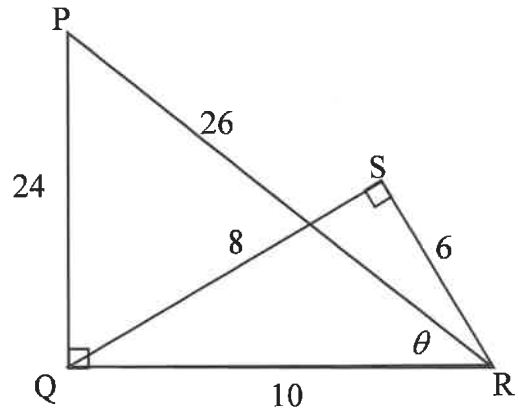
**QUESTION/VRAAG 3**



	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
3.1		
		(3)
3.2		
		(3)

	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
3.3		
		(3)
3.4		
		(3)
3.5		
		(1)
3.6		
		(2)
3.7		
		(3)
		<b>[18]</b>

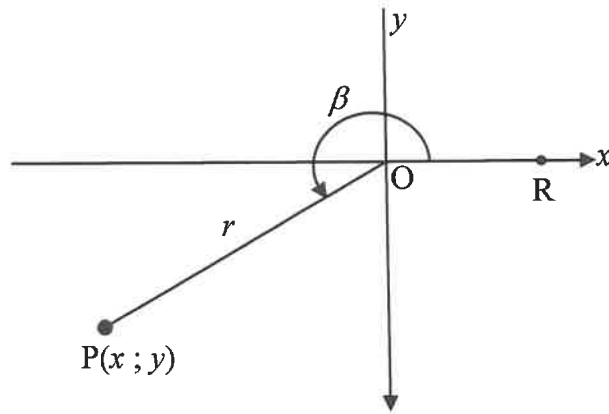
**QUESTION/VRAAG 4**



	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
4.1.1		(1)
4.1.2		(1)
4.1.3		(1)
4.1.4		(1)
4.2		(3)
		<b>[7]</b>

**QUESTION/VRAAG 5**

5.1



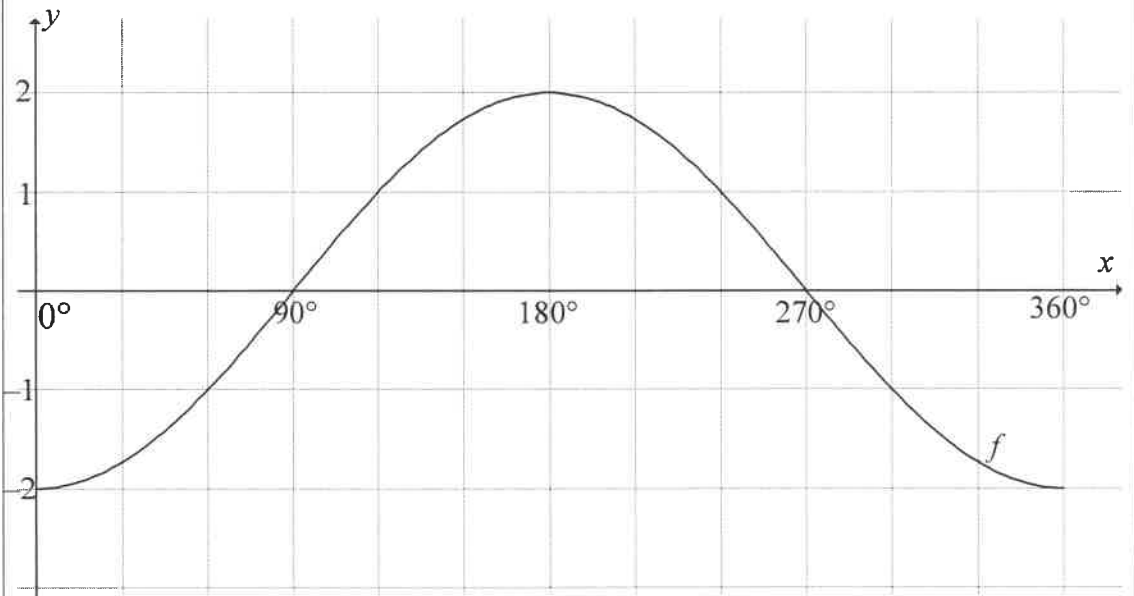
	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
5.1.1		
		(4)
5.1.2(a)		
		(1)
5.1.2(b)		
		(3)

	<b>Solution/Oplossing</b>	<b>Marks Punte</b>
5.1.3		(2)
5.2.1		(2)
5.2.2		(3)
5.2.3		(3)
		<b>[18]</b>

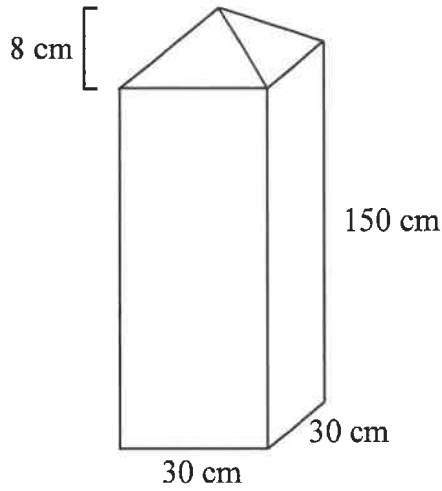




**QUESTION/VRAAG 6**

	Solution/Oplissing	Marks Punte
6.1		(1)
6.2		(1)
6.3		(3)
6.4.1		(2)
6.4.2		(2)
6.5.1		(2)
6.5.2		(2)
		<b>[13]</b>

**QUESTION/VRAAG 7**

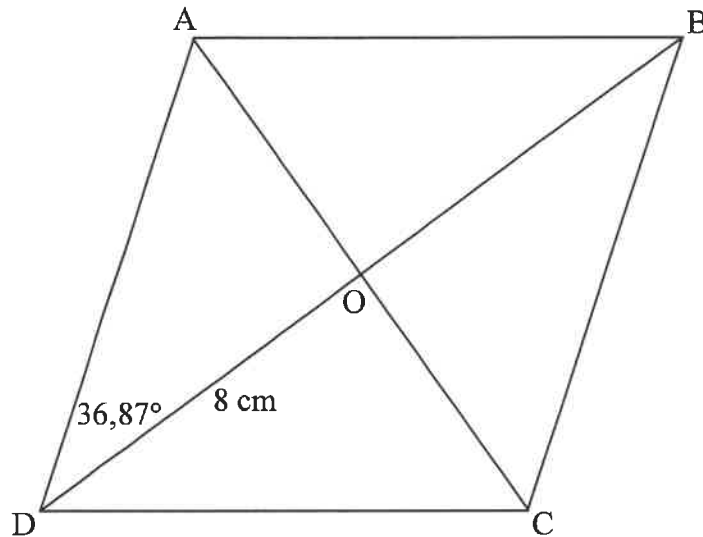


	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
7.1		
		(3)
7.2		
		(3)
7.3		
		(2)
		<b>[8]</b>

Give reasons for your statements in QUESTIONS 8 and 9.

Gee redes vir jou bewerings in VRAAG 8 en 9.

**QUESTION/VRAAG 8**



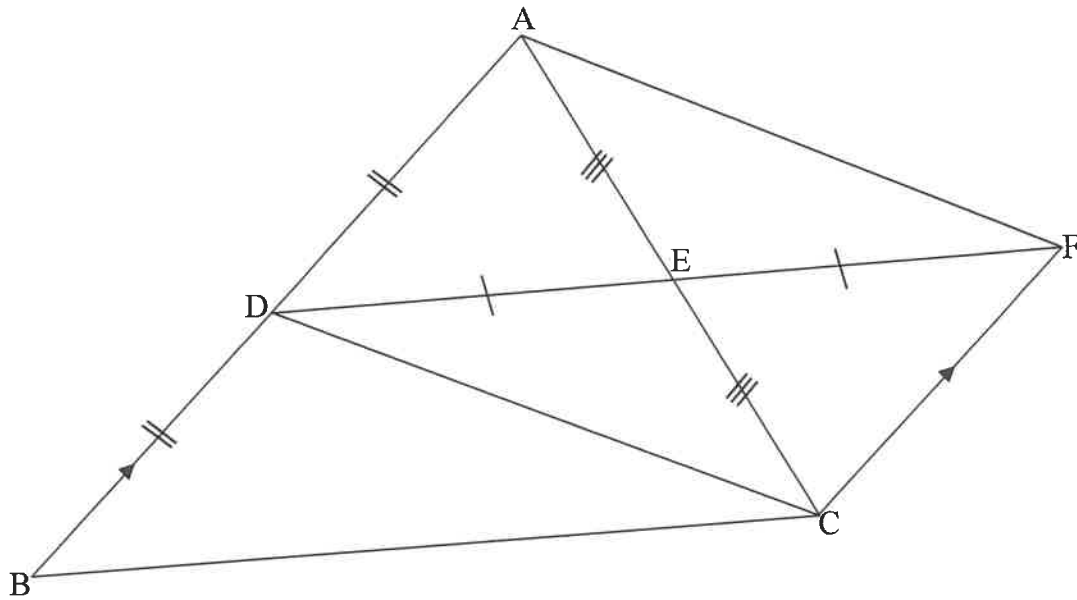
	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
8.1.1		(1)
8.1.2		(1)
8.2		(2)

	<i>Solution/Oplissing</i>	<b>Marks Punte</b>
8.3		
		(4) <b>[8]</b>

	<i>Additional space/Bykomende ruimte</i>	<b>Marks Punte</b>

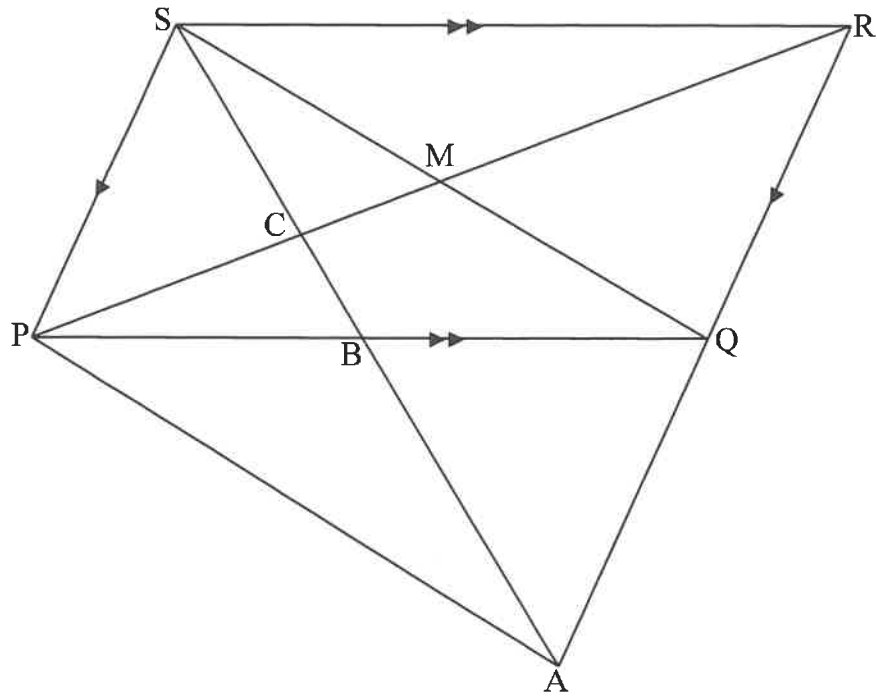
**QUESTION/VRAAG 9**

9.1



	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
9.1.1		(1)
9.1.2		(1)
9.1.3		(2)

9.2



	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
9.2.1		(4)
9.2.2		(2)

9.2.3		(4) <b>[14]</b>

	<b>Additional space/Bykomende ruimte</b>	<b>Marks Punte</b>

**TOTAL/TOTAAL: 100**