

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 2019**


**SPECIAL ANSWER BOOK  
*SPEZIALE 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								
TOTAL <i>TOTAAL</i> (100)								

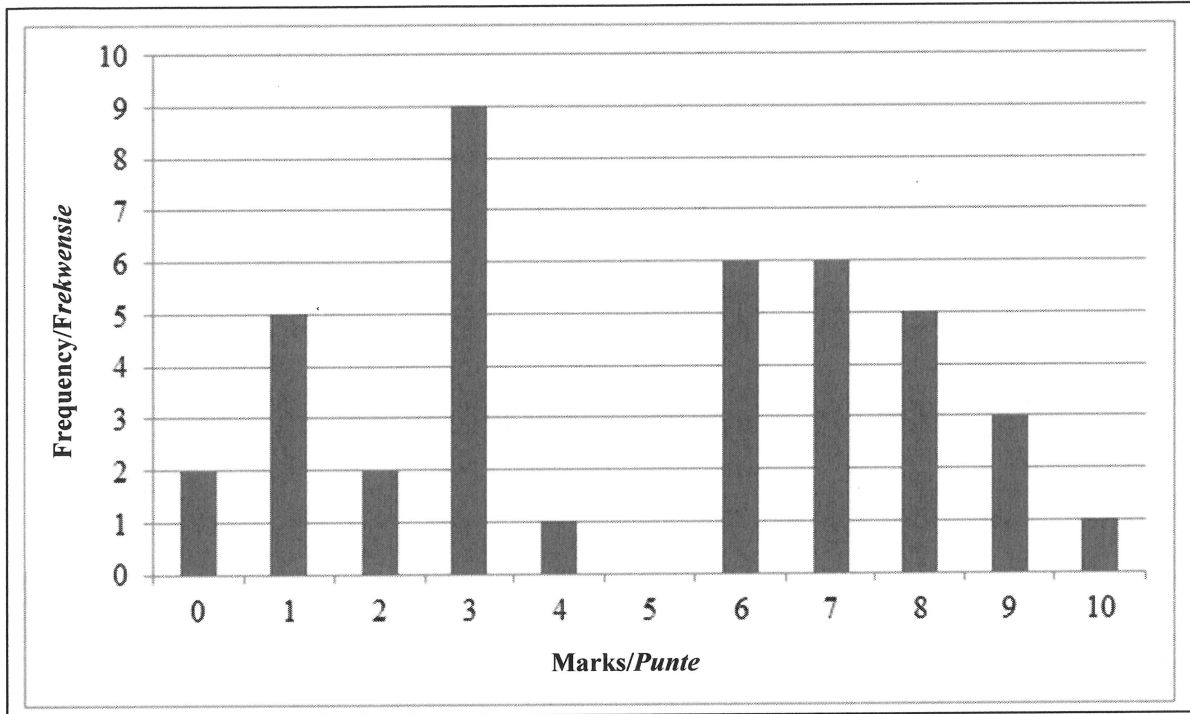
**This answer book consists of 15 pages.  
*Hierdie antwoordeboek bestaan uit 15 bladsye.***



**QUESTION/VRAAG 1**

	<b>Solution/Oplissing</b>	<b>Marks Punte</b>																				
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>5</td><td>7</td><td>8</td><td>10</td><td>13</td><td>15</td><td>15</td><td>15</td><td>21</td><td>24</td> </tr> <tr> <td>29</td><td>30</td><td>32</td><td>36</td><td>38</td><td>44</td><td>45</td><td>51</td><td>55</td><td></td> </tr> </table>	5	7	8	10	13	15	15	15	21	24	29	30	32	36	38	44	45	51	55		
5	7	8	10	13	15	15	15	21	24													
29	30	32	36	38	44	45	51	55														
1.1.1		(1)																				
1.1.2	<table border="1" style="width: 100%; height: 100%;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>					(1)																
1.1.3	<table border="1" style="width: 100%; height: 100%;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>						(3)															
1.1.4		(2)																				

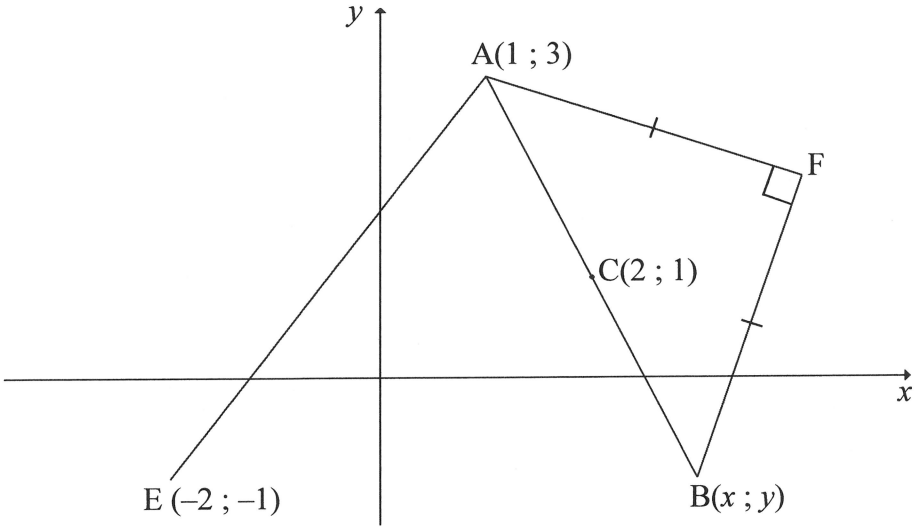




1.2.1		(1)
1.2.2		(1)
1.2.3		(2)
1.2.4		(2)
1.2.5		(3)
		<b>[16]</b>



**QUESTION/VRAAG 2**

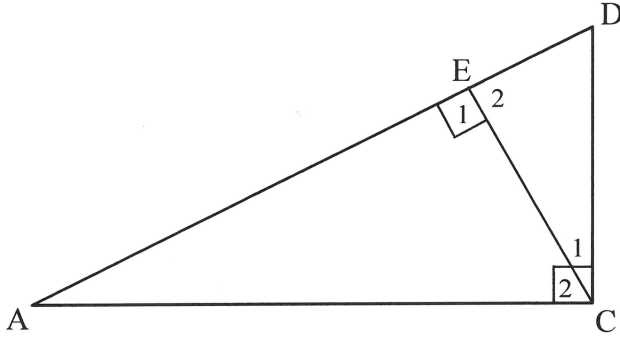
	Solution/Oplissing	Marks Punte
		
2.1.1	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	(2)
2.1.2	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	(2)
2.1.3	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	(3)



2.2		
	(3)	
2.3		
	(5)	
	[15]	



**QUESTION/VRAAG 3**

	<b>Solution/Oplossing</b>	<b>Marks Punte</b>
3.1		(1)
3.2		(3)
3.3		
3.3.1		(1)
3.3.2		(1)
3.3.3		(2)



3.4.1		(3)
3.4.2		(4)
		[15]



**QUESTION/VRAAG 4**

	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
4.1.1		(2)
4.1.2		(3)
4.2		
4.2.1		(2)

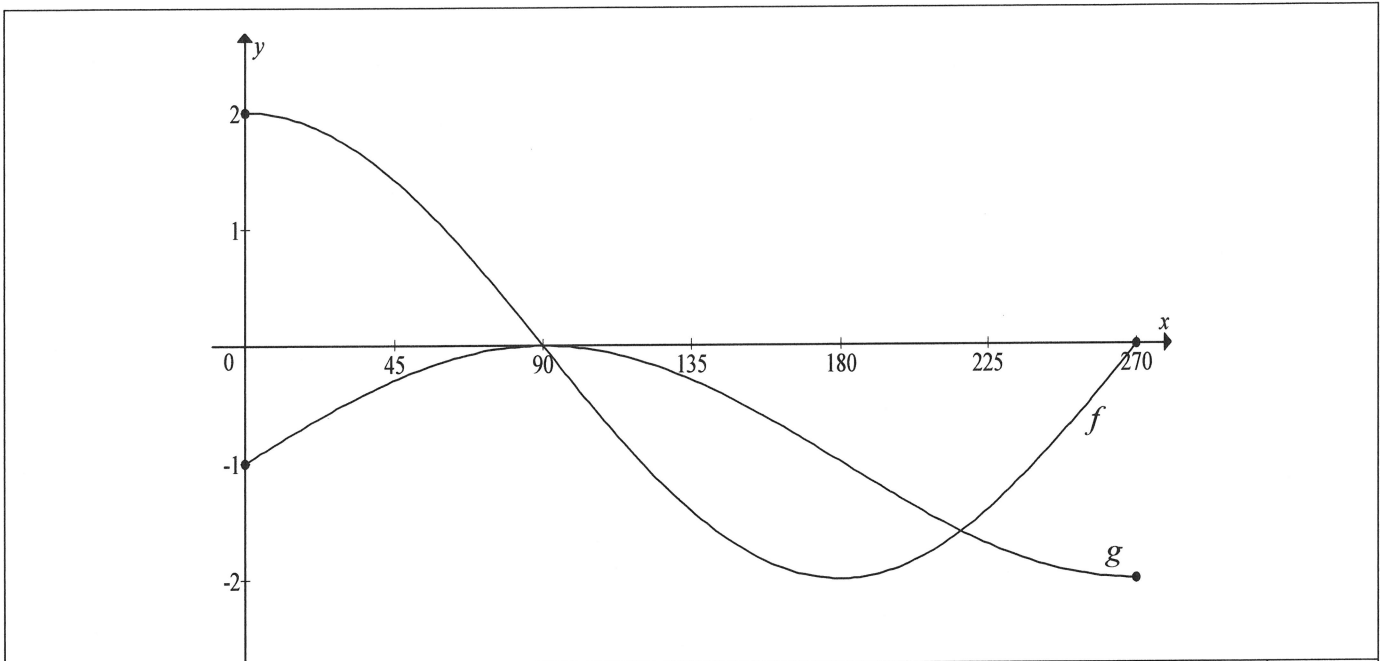




4.2.2		
	(5)	
4.2.3		
	(4)	
	[16]	



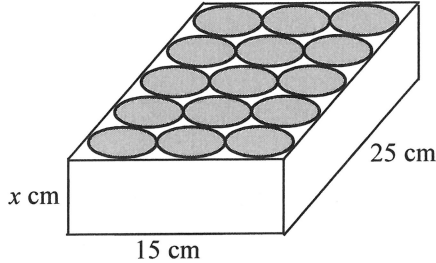
**QUESTION/VRAAG 5**



5.1.1		(1)
5.1.2		(2)
5.1.3		(1)
5.2		(2)
5.3		(2)
		<b>[8]</b>

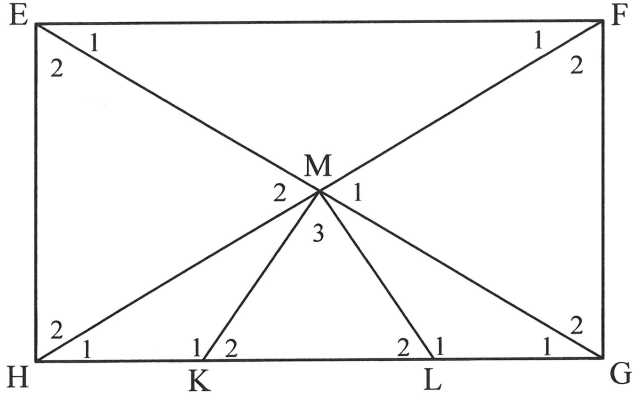


**QUESTION/VRAAG 6**

	Solution/Oplissing	Marks Punte
		
6.1	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	(3)
6.2	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	(2)
6.3	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	(2)
6.4	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	(2)
		<b>[9]</b>

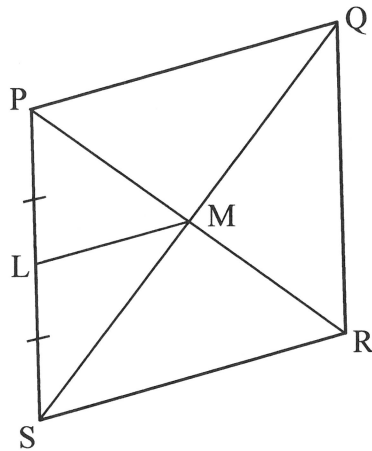


**QUESTION/VRAAG 7**

	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
		
7.1.1		(2)
7.1.2		(3)



7.2



(4)

[9]



**QUESTION/VRAAG 8**

	Solution/Oplissing	Marks Punte
8.1		(1)
8.2.1		
		(1)
8.2.2		
(a)		
		(3)
8.2.2		
(b)		
		(2)
8.2.2		
(c)		
		(3)





