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CLASS: KLAS:	

**NATIONAL SENIOR CERTIFICATE
NASIONALE SENIOR SERTIFIKAAT**

MATHEMATICS P2/WISKUNDE V2

GRADE/GRAAD 10

NOVEMBER 2019

**SPECIAL ANSWER BOOK
SPESIALE ANTWOORDEBOEK**

QUESTION VRAAG	MARK PUNT			INITIAL PARAAF	MODERATION MODERERING			INITIAL PARAAF
1								
2								
3								
4								
5								
6								
7								
8								
TOTAL TOTAAL (100)								

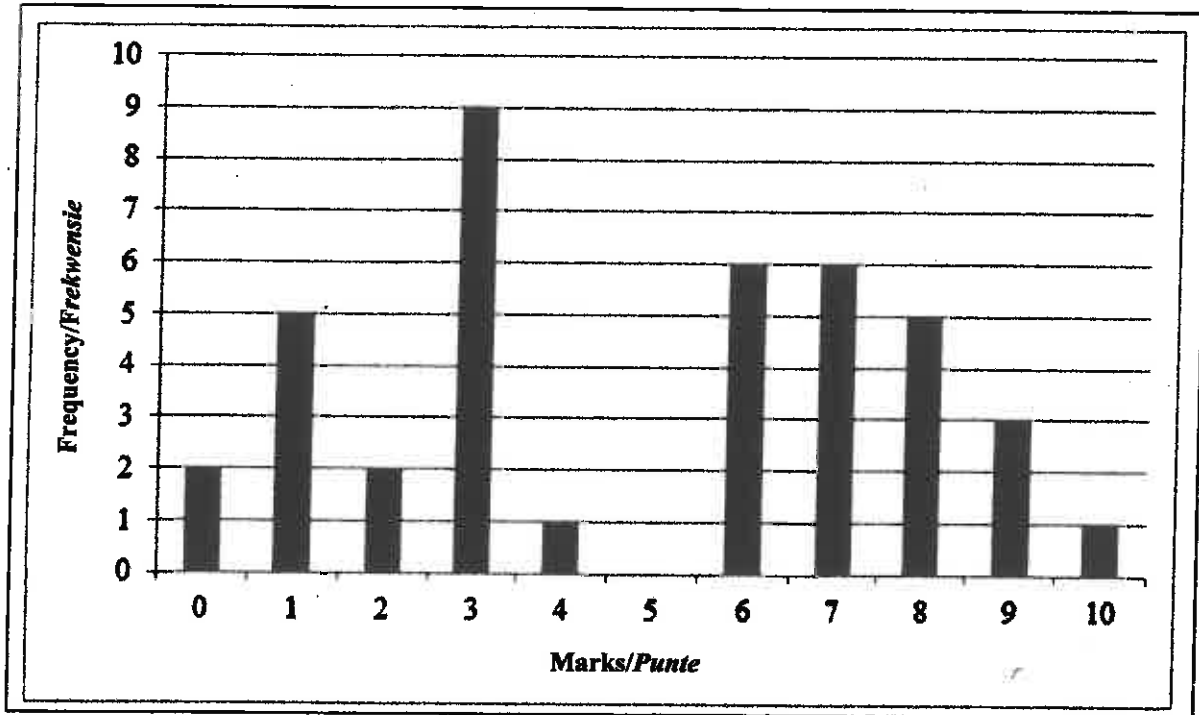
**This answer book consists of 15 pages.
Hierdie antwoordeboek bestaan uit 15 bladsye.**



QUESTION/VRAAG 1

	Solution/Oplissing	Marks Punte																				
	<table border="1"> <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		(1)																				
1.1.3		(3)																				
1.1.4		(2)																				

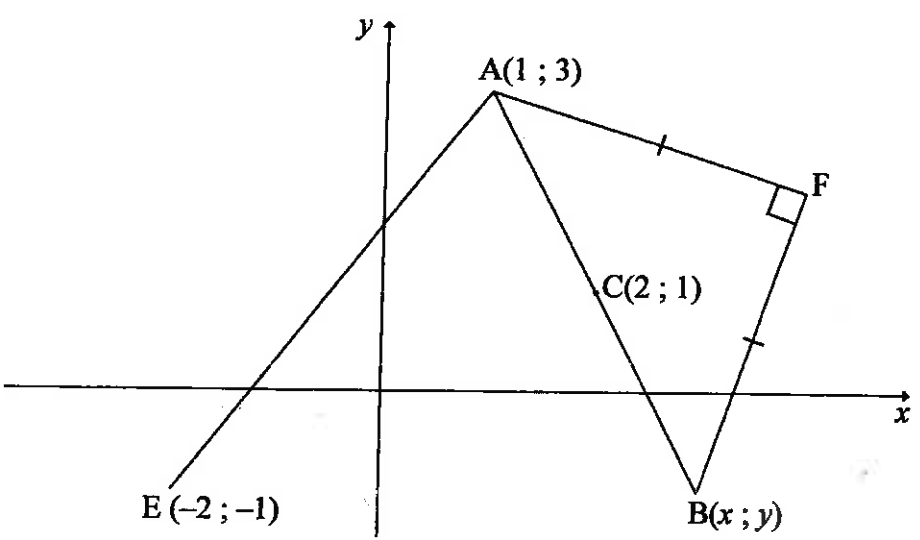




1.2.1		(1)
1.2.2		(1)
1.2.3		(2)
1.2.4		(2)
1.2.5		(3)
		[16]



QUESTION/VRAAG 2

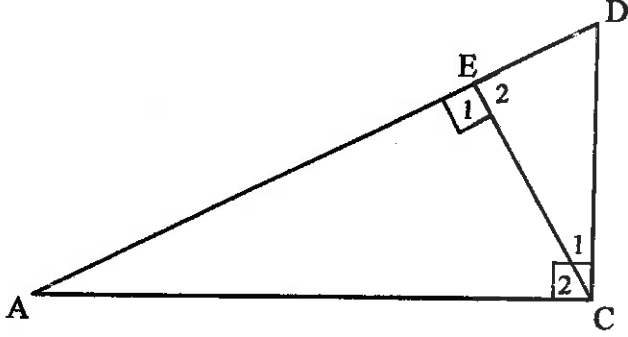
	Solution/Oplissing	Marks Punte
		
2.1.1	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	(2)
2.1.2	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	(2)
2.1.3	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	(3)



2.2		(3)
2.3		(5)
	(5)	
	[15]	



QUESTION/VRAAG 3

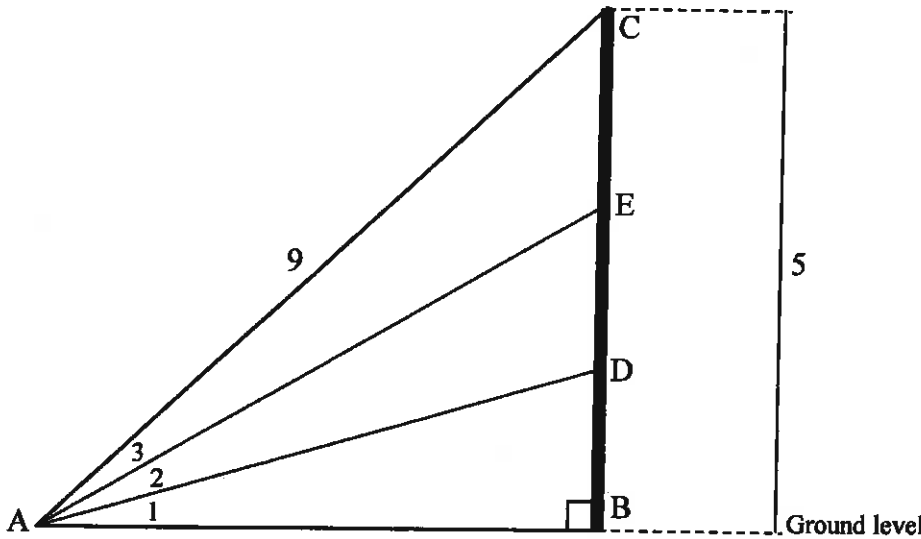
	Solution/Oplissing	Marks Punte
3.1		(1)
3.2		(3)
3.3		(1)
3.3.1		(1)
3.3.2		(1)
3.3.3		(2)



3.4.1		(3)
3.4.2		(4)
		[15]

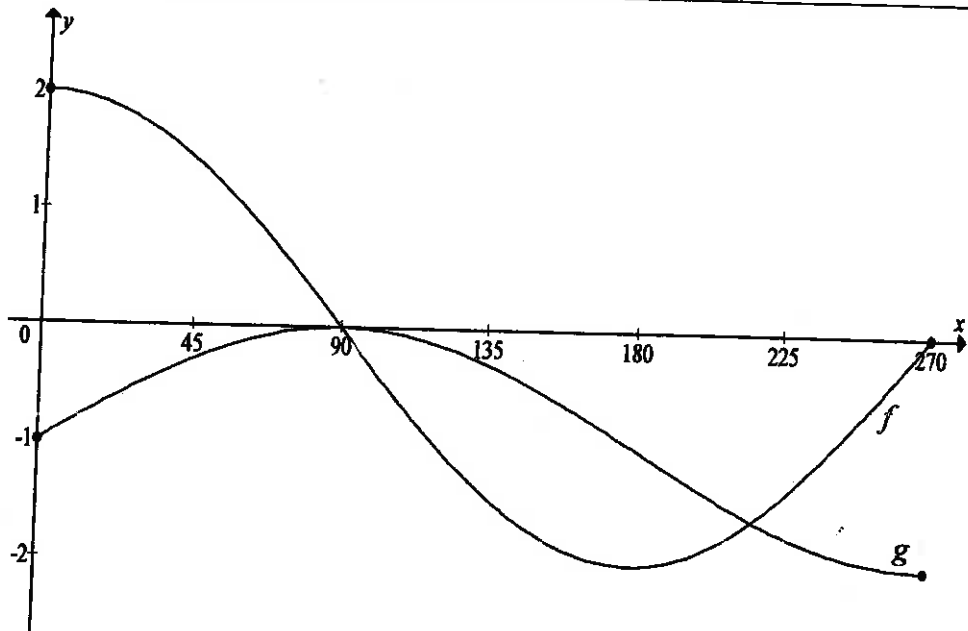


QUESTION/VRAAG 4

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



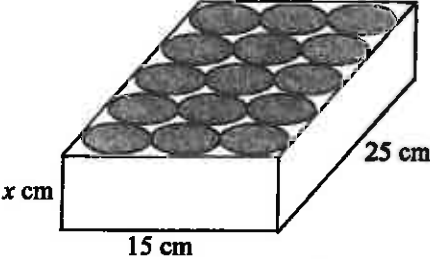
QUESTION/VRAAG 5



5.1.1		
5.1.2		(1)
5.1.3		(2)
5.2		(1)
5.3		(2)
		(2)
		[8]

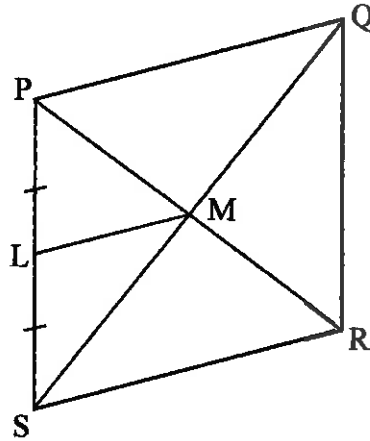


QUESTION/VRAAG 6

	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)
		[9]



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)



