

LEARNER'S NAME: LEERDER SE NAAM:		
CD ADE 44	1	
GRADE 12:		
GRAAD 12:		

NATIONAL/NASIONALE SENIOR CERTIFICATE/SERTIFIKAAT

GRADE/GRAAD 12

JUNE/JUNIE 2022

MATHEMATICS P2/WISKUNDE V2 SPECIAL ANSWER BOOK/SPESIALE ANTWOORDEBOEK

Ma	rkei	:/M	erke	er		Moderator's Initials / Moderator se paraaf														
Question	N	Iarl	K	Initial	Ma	Marks		S	M	ark	S	D	M	ark	S	P	Marks		NM	
Vraag	I	unt	t	Parafeer	Pu	nte		M	Pu	ınte		M	Pu	ınte	?	\mathbf{M}	\boldsymbol{P}	uni	te	
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11																				
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This special answer book consists of 19 pages. *Hierdie spesiale antwoordeboek bestaan uit 19 bladsye.*

QUESTION/VRAAG 1

1.1	(1)
1.2	(1)
1.3	(1)
1.4	(1)
1.5	
	(1)
	[5]

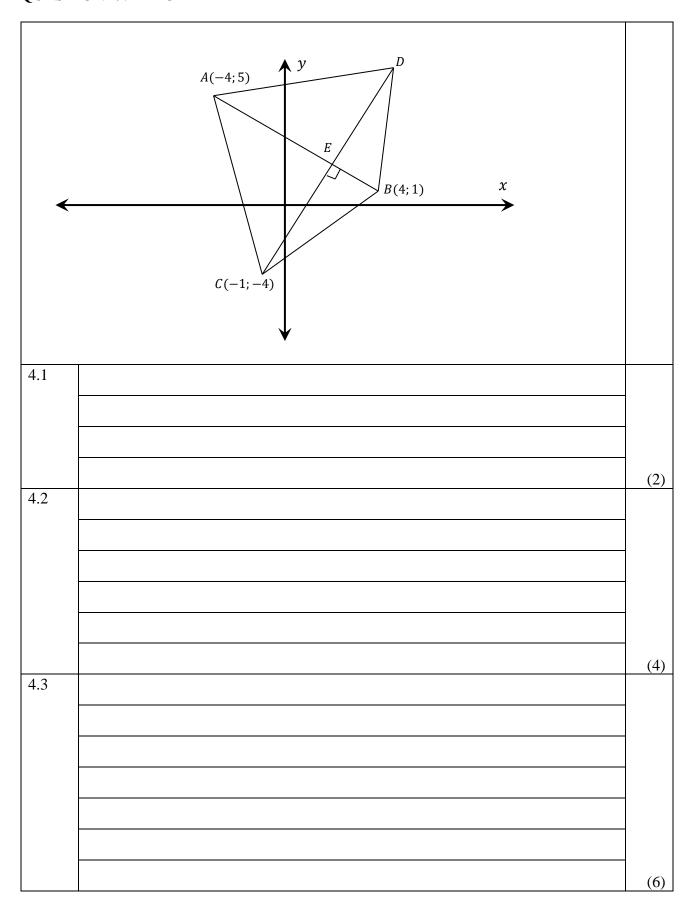
QUESTION/VRAAG 2

2.2.2 Time taken to complete course Tyd geneem om baan te voltooi 0 30 60 90 120 150 180 210 240 Time taken in seconds / Tyd geneem in sekondes (4 2.3.1 2.3.2 (1)	2.1	Time to		No. of pupils Aantal leerlinge	Cumulative frequent Kummulatiewe frekw	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		60 ≤ t	: ≤ 90	3		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		90 ≤ t	≤ 120			
180 ≤ t ≤ 210 6 (1 2.2 Time taken to complete course Tyd geneem om baan te voltooi 0 30 60 90 120 150 180 210 240 Time taken in seconds / Tyd geneem in sekondes (4 2.3.1 2.3.2 (1)						
Time taken to complete course Tyd geneem om baan te voltooi 0 30 60 90 120 150 180 210 240 Time taken in seconds / Tyd geneem in sekondes (4 2.3.1 2.3.2 2.3.3						
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Time taken in seconds / Tyd geneem in sekondes						
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2.3.3	2.3.1					(1)
2.3.3	2.3.2					(1)
	2.3.3					(1)
						[8]

QUESTION/VRAAG 3

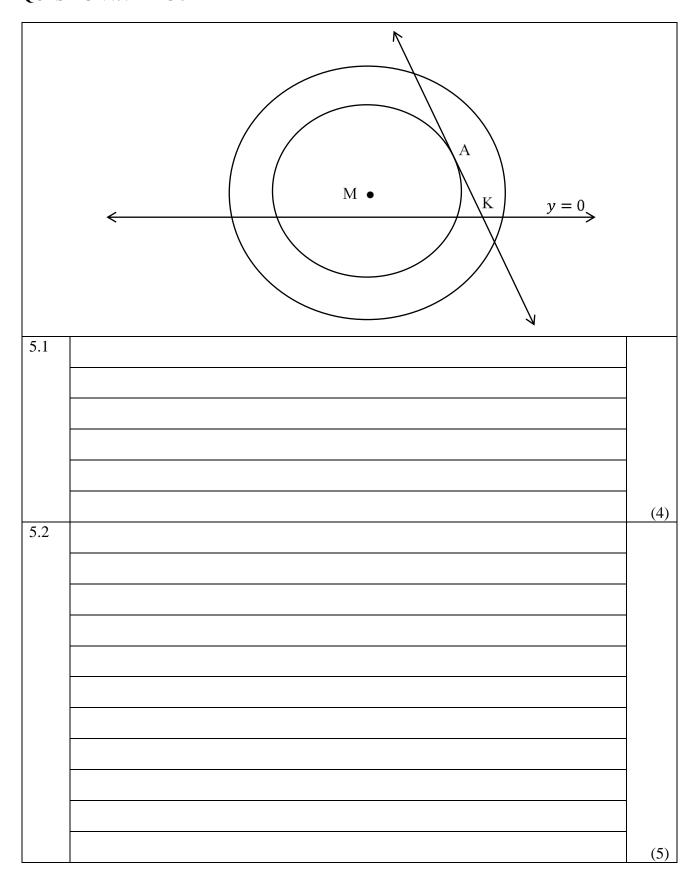
3.1	
	(1)
3.2	
	(2)
	(3)
3.3	
	(2)
	(2)
	[6]

QUESTION 4/VRAAG 4



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4.4	
	(2)
4.5	
	(4)
4.6	
	(6)
	[24]

QUESTION 5/VRAAG 5



5.3	
	(3)
5.4	
	(1)
5.5	, ,
	(3)
	[16]

QUESTION 6/VRAAG 6

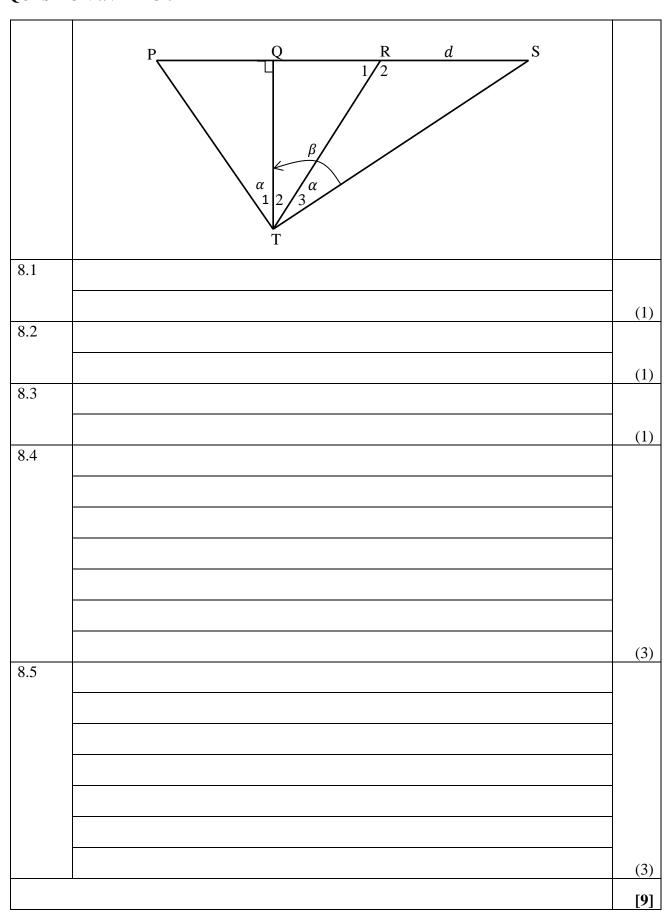
6.1	Draw your sketch here / Teken jou skets hier.	Do your calculations here / Doen jou berekeninge hier.	
6.1.1			
6.1.2			(3)
			(3)

6.1.3	
	(4)
6.2	
	(5)
6.3	(3)
	(3)
6.4	(5)
	(6) [24]
	[24]

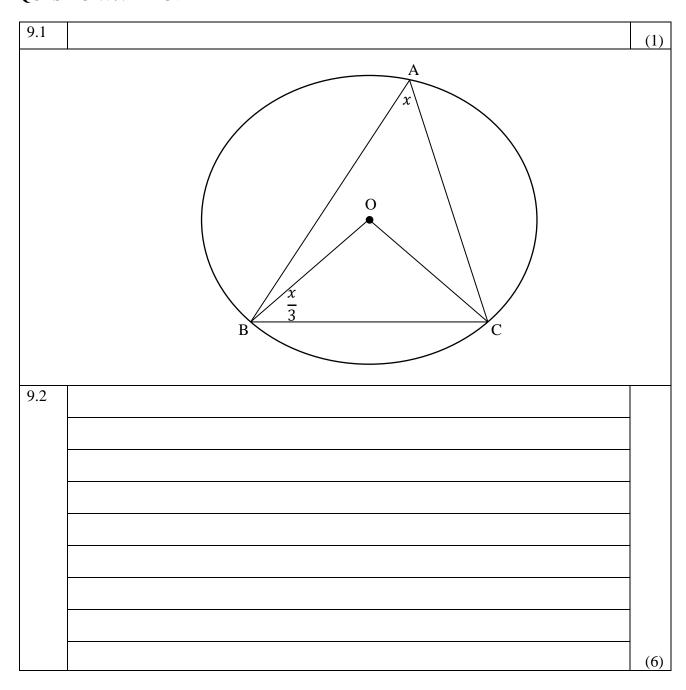
QUESTION 7/VRAAG 7

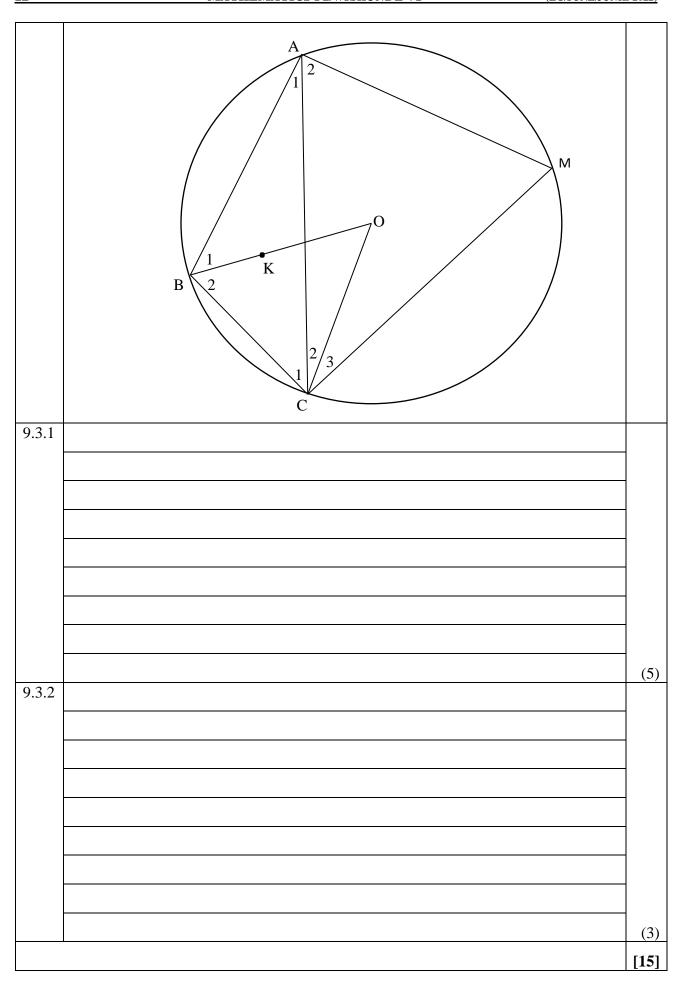
7.1		
		(7)
7.2		
	x	
	-60 -30 0 30 60 90 120 150 180 ×	
	-1	
		(6)
7.3		(6)
		(4)
		[17]

QUESTION 8/VRAAG 8

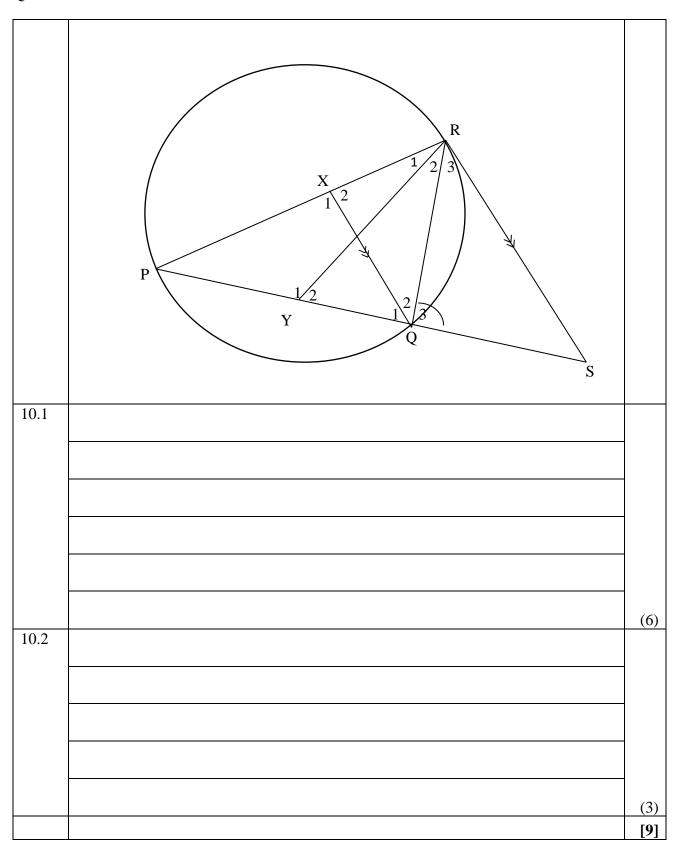


QUESTION 9/VRAAG 9

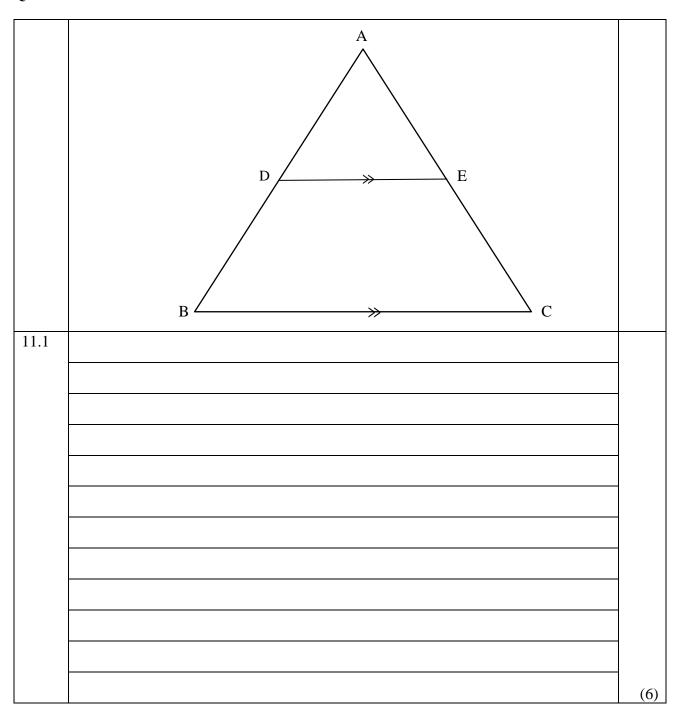


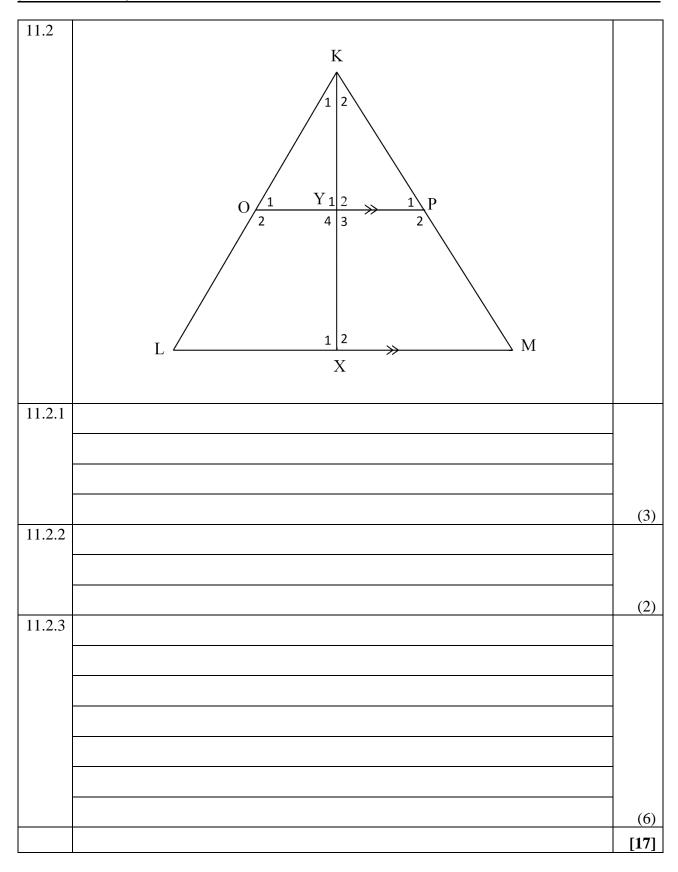


QUESTION 10/VRAAG 10



QUESTION 11/VRAAG 11





TOTAL/TOTAAL: 150

Additional Space/Addisionele ruimte