



Province of the  
**EASTERN CAPE**  
EDUCATION

LEARNER'S NAME: <i>LEERDERNAAM:</i>	
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GRADE 12 <i>GRAAD 12</i>	
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**NATIONAL SENIOR  
CERTIFICATE/NASIONALE  
SENIOR SERTIFIKAAT**

**GRADE 12/GRAAD 12**

**JUNE/JUNIE 2019**

**MATHEMATICS P2/WISKUNDE V2  
SPECIAL ANSWER BOOK/SPEZIALE ANTWOORDEBOEK**

Marker/Merker			Moderator's Initials / Moderator se paraaf							
Question <i>Vraag</i>	Mark <i>Punt</i>	Initial <i>Parafeer</i>	Marks <i>Punte</i>	S M	Marks <i>Punte</i>	D M	Marks <i>Punte</i>	P M	Marks <i>Punte</i>	N M
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
<b>TOTAL TOTAAL</b>										

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This special answer book consists of 19 pages./  
*Hierdie spesiale antwoordeboek bestaan uit 19 bladsye.*

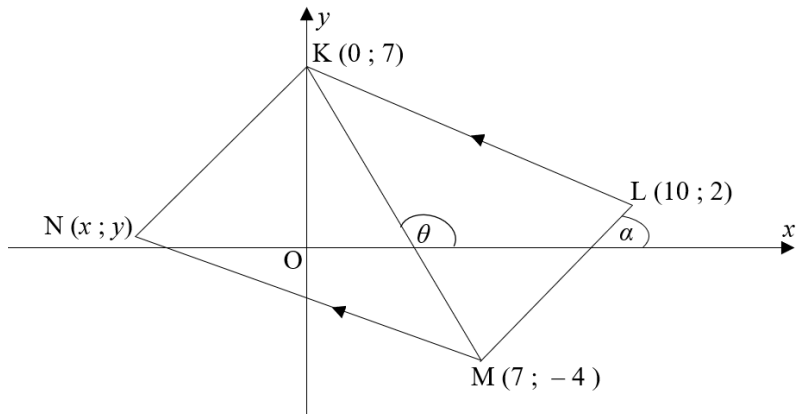
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QUESTION 1/VRAAG 1		
1.1		(1)
1.2		(2)
1.3		(2)
1.4		(1)
1.5		(1)
		<b>[7]</b>

QUESTION 2/VRAAG 2					
2.1	<b>Ages (in years)</b> <i>Ouderdom (in jare)</i>	<b>Frequency</b> <i>Frekwensie</i>	<b>Cumulative Frequency</b> <i>Kumulatiewe Frekwensie</i>		
	$18 \leq x < 28$		4		
	$28 \leq x < 38$		14		
	$38 \leq x < 48$		28		
	$48 \leq x < 58$	17			
	$58 \leq x < 68$	12			
	$68 \leq x < 78$	3			
				(2)	
2.2	<p style="text-align: center;"><b>Ogive – Ages of people registering to vote</b> <i>Ogief – Ouderdomme van mense wat registreer om te stem</i></p>				(3)
2.3				(1)	
2.4				(2)	
2.5				(3)	
2.6				(2)	
				<b>[13]</b>	

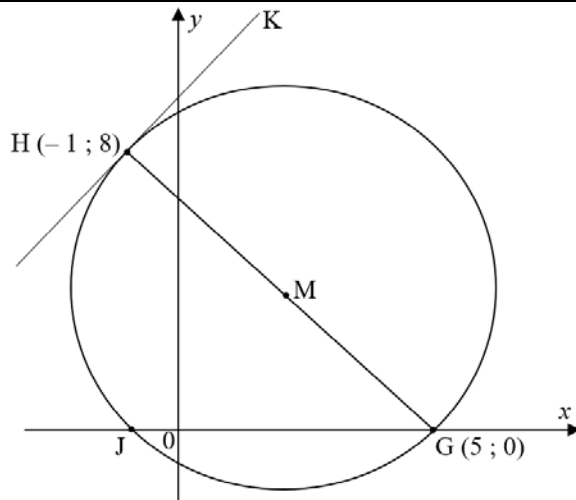
**QUESTION 3/VRAAG 3**



3.1.1		(2)
3.1.2		(2)
3.1.3		(3)
3.1.4		(4)

3.2		
		(4)
3.3		
		(2)
3.4		
		(5)
	[22]	

**QUESTION 4/VRAAG 4**



4.1		(2)
4.2		(3)
4.3		(4)



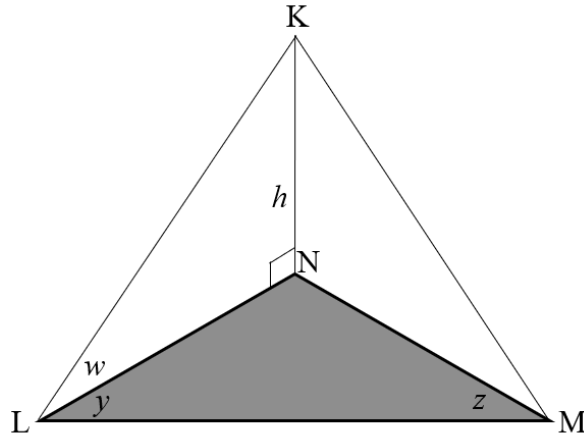
QUESTION 5/VRAAG 5		
5.1.1		(2)
5.1.2		(3)
5.1.3		(4)
5.2		(6)



5.3.1		
		(1)
5.3.2		(4)
5.4		(5)
		[25]

QUESTION 6/VRAAG 6		
6.1		
		(1)
6.2		(3)
6.3		(1)
6.4		(1)
6.5		(2)
6.6		(1)
		<b>[9]</b>

QUESTION 7/VRAAG 7



7.1


(1)

7.2


(4)

7.3


(2)

[7]

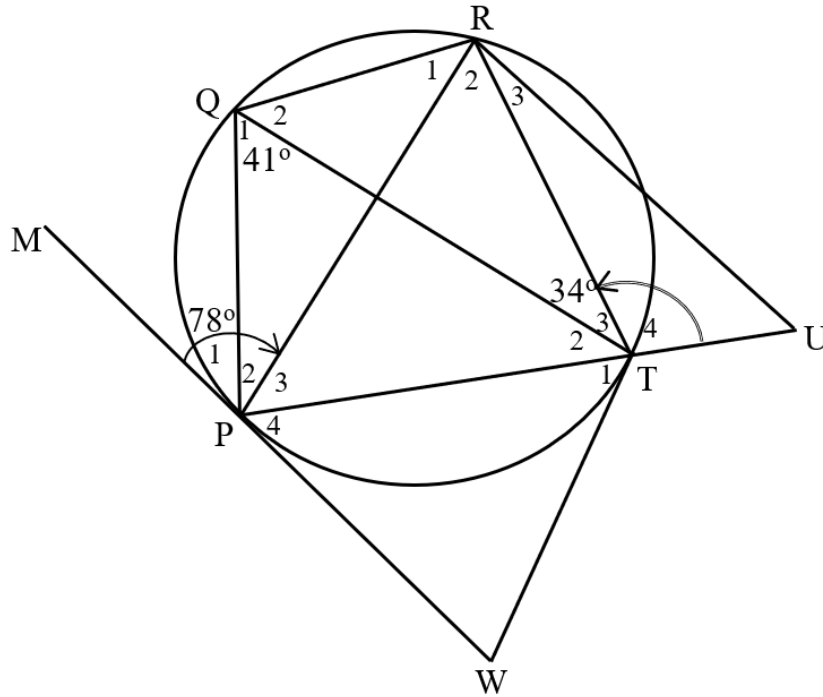
QUESTION 8/VRAAG 8		
8.1		(1)
8.2		
8.2.1		(2)
8.2.2		(4)
		(4)
		[7]

**QUESTION 9/VRAAG 9**

9.1

(1)

9.2



9.2.1

(6)

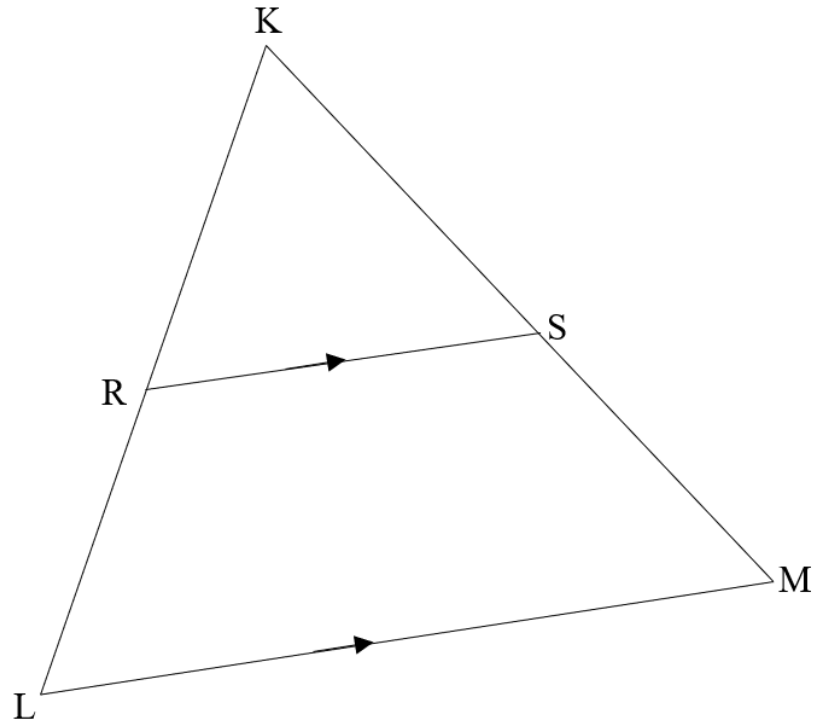
9.2.2(a)

(2)

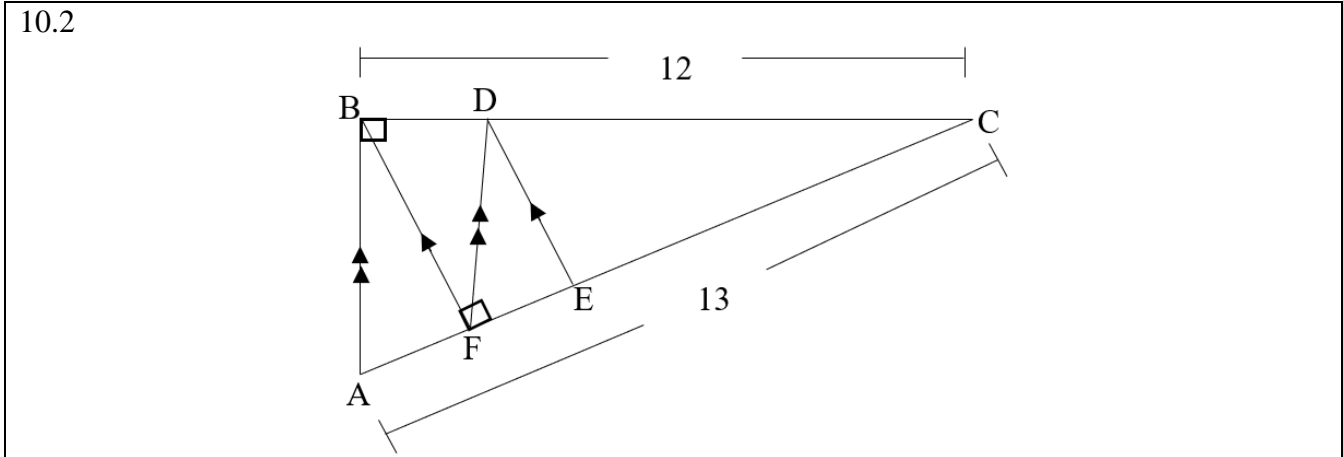
9.2.2(b)		(2)
9.2.2(c)		(2)
9.2.2(d)		(2)
9.2.3(a)		(2)
9.2.3(b)		(2)
9.2.3(c)		(2)
		<b>[21]</b>

QUESTION 10/VRAAG 10

10.1



(5)



10.2.1		(1)
10.2.2(a)		(3)
10.2.2(b)		(3)
10.2.3		(2)



10.2.4		(1)
10.2.5		(5)
		[20]

**TOTAL/TOTAAL: 150**













