



<b>LEARNER'S NAME:</b>	
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<b>GRADE 12:</b>	
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**NATIONAL  
SENIOR CERTIFICATE**

**GRADE 12**

**JUNE 2024**

**MATHEMATICS P2  
SPECIAL ANSWER BOOK (DEAF)**

Marker				Moderator's Initial																
Question	Mark			Initial	Marks			S M	Marks			D M	Marks			P M	Marks			N M
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
TOTAL TOTAAL																				

\*SM = School Moderator    \*DM = District Moderator    \*PM = Provincial Moderator    \*NM = National Moderator

This special answer book consists of 25 pages.

## QUESTION 1

27	32	35	36	30	27	17	26	34	37	40
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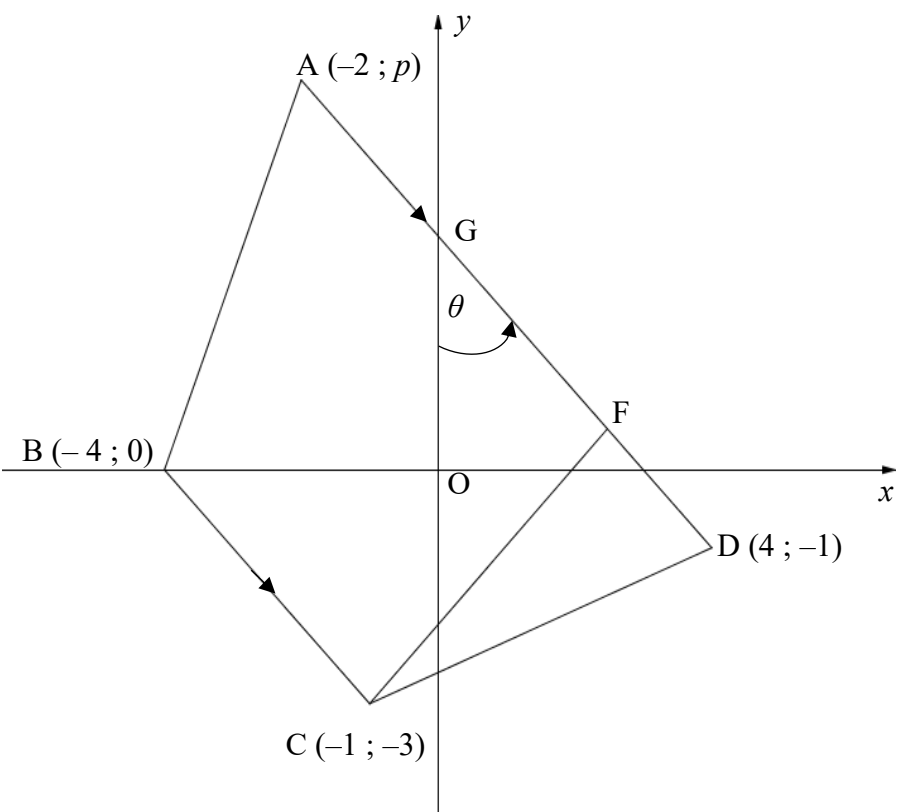
	Solution	Marks
1.1		(2)
1.2		(1)
1.3		(3)
1.4		(3)



## QUESTION 2

	Solution	Marks																		
2.1	<table border="1"> <thead> <tr> <th>Percentage obtained</th><th>Frequency</th><th>Cumulative frequency</th></tr> </thead> <tbody> <tr> <td><math>0 \leq x &lt; 20</math></td><td></td><td>4</td></tr> <tr> <td><math>20 \leq x &lt; 40</math></td><td></td><td>18</td></tr> <tr> <td><math>40 \leq x &lt; 60</math></td><td></td><td>36</td></tr> <tr> <td><math>60 \leq x &lt; 80</math></td><td></td><td>50</td></tr> <tr> <td><math>80 \leq x &lt; 100</math></td><td></td><td>54</td></tr> </tbody> </table>	Percentage obtained	Frequency	Cumulative frequency	$0 \leq x < 20$		4	$20 \leq x < 40$		18	$40 \leq x < 60$		36	$60 \leq x < 80$		50	$80 \leq x < 100$		54	
Percentage obtained	Frequency	Cumulative frequency																		
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$40 \leq x < 60$		36																		
$60 \leq x < 80$		50																		
$80 \leq x < 100$		54																		
		(2)																		
2.2																				
		(1)																		
2.3																				
		(1)																		
2.4																				
		(2)																		
2.5																				
		(2)																		
		<b>[8]</b>																		

QUESTION 3

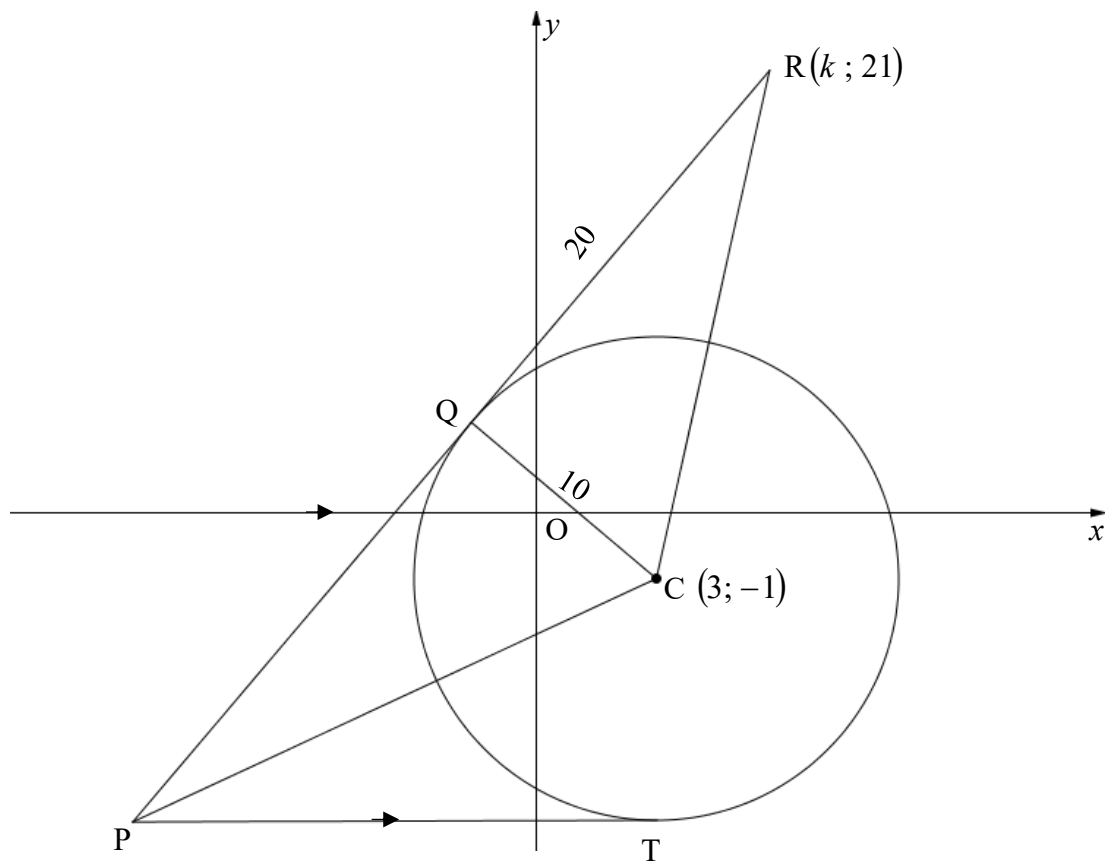


	Solution	Marks
3.1		(2)
3.2		(2)

	Solution	Marks
3.3		(3)
3.4		(2)
3.5		(2)

	Solution	Marks
3.6		(3)
3.7		(4)
		[18]

## QUESTION 4



	Solution	Marks
4.1		(1)
4.2		(2)



	Solution	Marks
4.3		(4)
4.4		(2)
4.5		(2)
4.6.1		(2)

	Solution	Marks
4.6.2		(2)
4.6.3		(3)
4.7.1		(1)
4.7.2		(1)
4.7.3		(3)
		<b>[23]</b>

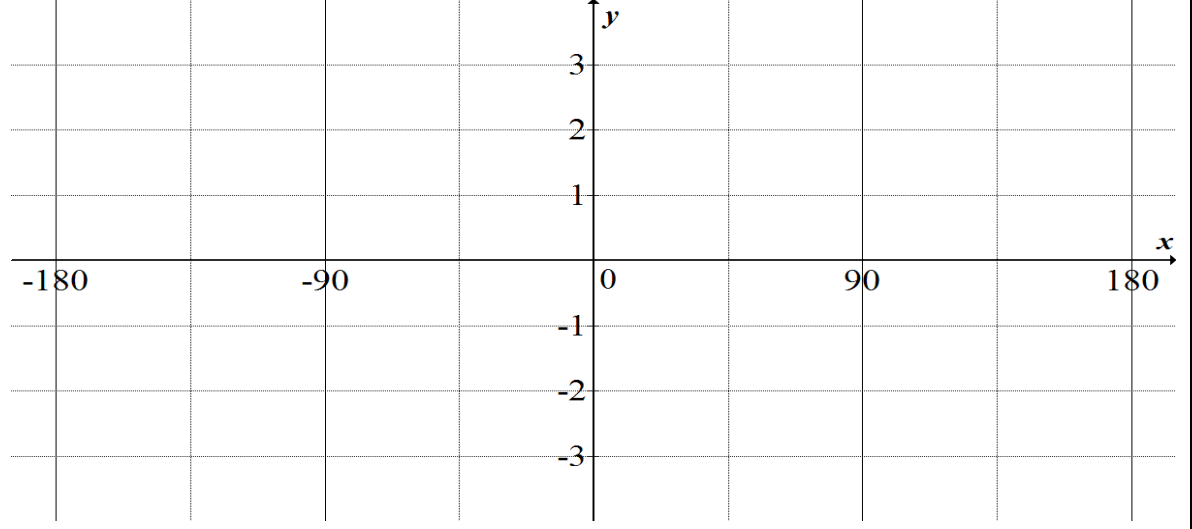
QUESTION 5

	Solution	Marks/ Punte
5.1.1		(2)
5.1.2		(4)
5.1.3		(3)

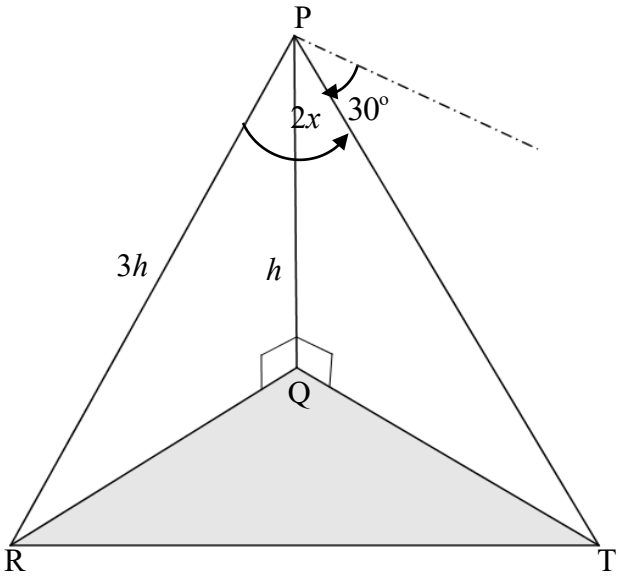
	Solution	Marks
5.2.1		(6)
5.2.2		(1)
5.3		(5)

	Solution	Marks
5.4.1		(5)
5.4.2		(3)
		[29]

QUESTION 6

	Solution	Marks
6.1		
		(6)
6.2.1		(1)
6.2.2		
		(2)
6.2.3		
		(2)
6.2.4		(1)
		[12]

QUESTION 7

	Solution	Marks
		
7.1		(1)
7.2		(3)

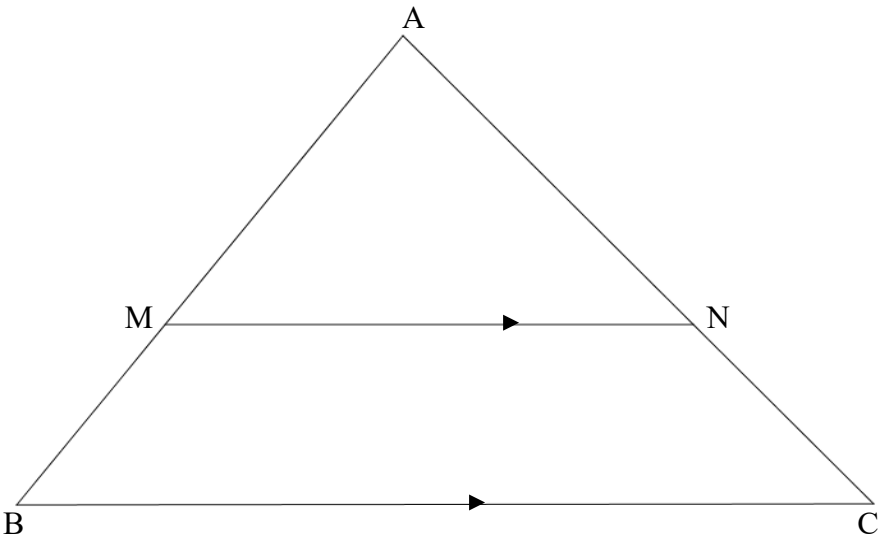
	Solution	Marks
7.3		
		(5)
		[9]



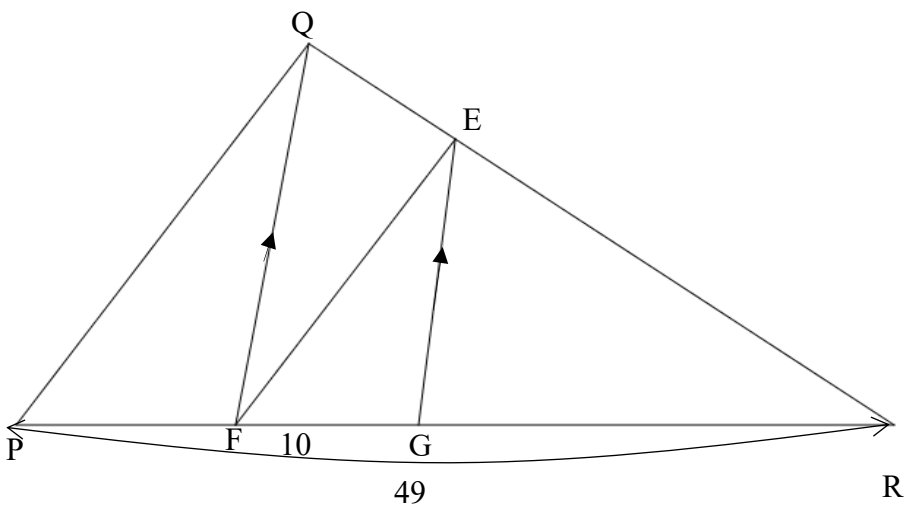


	Solution	Marks
8.1.4		(3)
8.1.5		(2)
8.1.6		(3)
8.2		(2)
		[17]

QUESTION 9



	Solution	Marks
9.1		(5)

	Solution	Marks
		
9.2.1	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>	(4)

	Solution	Marks
9.2.2		
		(3)
		[12]



	Solution	Marks
10.2		(4)
10.3		(3)
		[10]

TOTAL: 150

[illegible]



