



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/NASIONALE
SENIOR
CERTIFICATE/SERTIFIKAAT**

GRADE 12/GRAAD 12

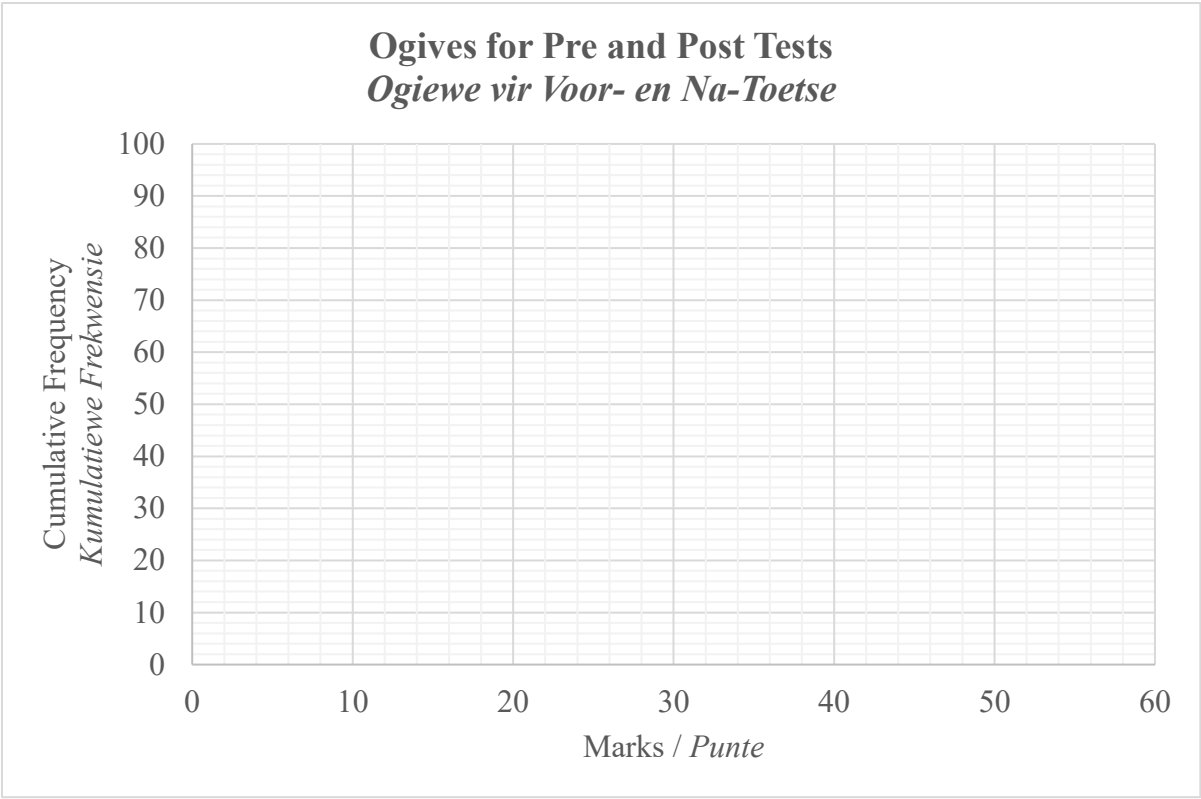
**MATHEMATICS P2/WISKUNDE V2
SPECIAL ANSWER BOOK/SPEZIALE ANTWOORDEBOEK**

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>	NM
1										
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TOTAL TOTAAL										

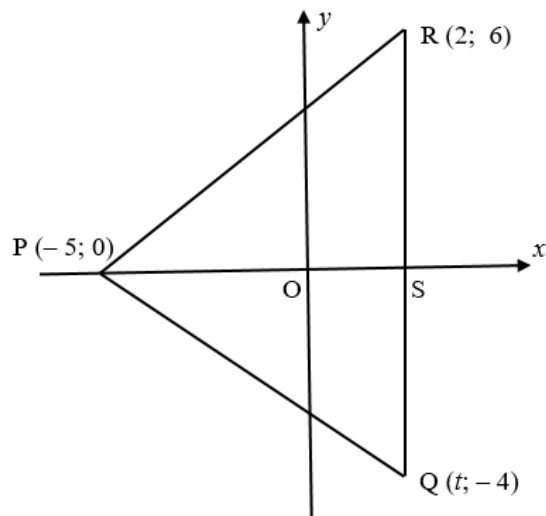
This special answer book consists of 21 pages.
Hierdie spesiale antwoordeboek bestaan uit 21 bladsye.

QUESTION 1/VRAAG 1		
1.1		
		(5)
1.2		
		(1)
1.3		
		(2)
		[8]

QUESTION 2/VRAAG 2																																							
	<p>MATHEMATICS PRE AND POST TEST COMPARISON WISKUNDE VOOR EN NA TOETS VERGELYKING</p> <p style="text-align: center;"> ■ PRE-TEST VOOR TOETS ■ POST TEST NA TOETS </p> <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <caption>Data for Mathematics Pre and Post Test Comparison</caption> <thead> <tr> <th>Marks / Punte</th> <th>Pre-Test / Voor Toets</th> <th>Post-Test / Na Toets</th> </tr> </thead> <tbody> <tr> <td>$0 \leq x < 10$</td> <td>16</td> <td>5</td> </tr> <tr> <td>$10 \leq x < 20$</td> <td>28</td> <td>18</td> </tr> <tr> <td>$20 \leq x < 30$</td> <td>34</td> <td>25</td> </tr> <tr> <td>$30 \leq x < 40$</td> <td>12</td> <td>32</td> </tr> <tr> <td>$40 \leq x < 50$</td> <td>0</td> <td>10</td> </tr> </tbody> </table>			Marks / Punte	Pre-Test / Voor Toets	Post-Test / Na Toets	$0 \leq x < 10$	16	5	$10 \leq x < 20$	28	18	$20 \leq x < 30$	34	25	$30 \leq x < 40$	12	32	$40 \leq x < 50$	0	10																		
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2.1				(2)																																			
2.2				(1)																																			
2.3				(1)																																			
2.4	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2" style="padding: 5px;">Marks Punte</th> <th colspan="2" style="padding: 5px;">Frequency / Frekwensie</th> <th colspan="2" style="padding: 5px;">Cumulative Frequency Kumulatiewe Frekwensie</th> </tr> <tr> <th style="padding: 5px;">Pre-Test / Voor Toets</th> <th style="padding: 5px;">Post Test Na Toets</th> <th style="padding: 5px;">Pre-Test Voor Toets</th> <th style="padding: 5px;">Post Test Na Toets</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">$0 \leq x < 10$</td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> <tr> <td style="padding: 5px;">$10 \leq x < 20$</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="padding: 5px;">$20 \leq x < 30$</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="padding: 5px;">$30 \leq x < 40$</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="padding: 5px;">$40 \leq x < 50$</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				Marks Punte	Frequency / Frekwensie		Cumulative Frequency Kumulatiewe Frekwensie		Pre-Test / Voor Toets	Post Test Na Toets	Pre-Test Voor Toets	Post Test Na Toets	$0 \leq x < 10$					$10 \leq x < 20$					$20 \leq x < 30$					$30 \leq x < 40$					$40 \leq x < 50$					(4)
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2.5							
<div style="text-align: center;"> <p>Ogives for Pre and Post Tests <i>Ogiewe vir Voor- en Na-Toetse</i></p>  </div>							
		(3)					
2.6	<table border="1" style="width: 100%; height: 100%;"> <tr><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td></tr> </table>						(3)
		[14]					

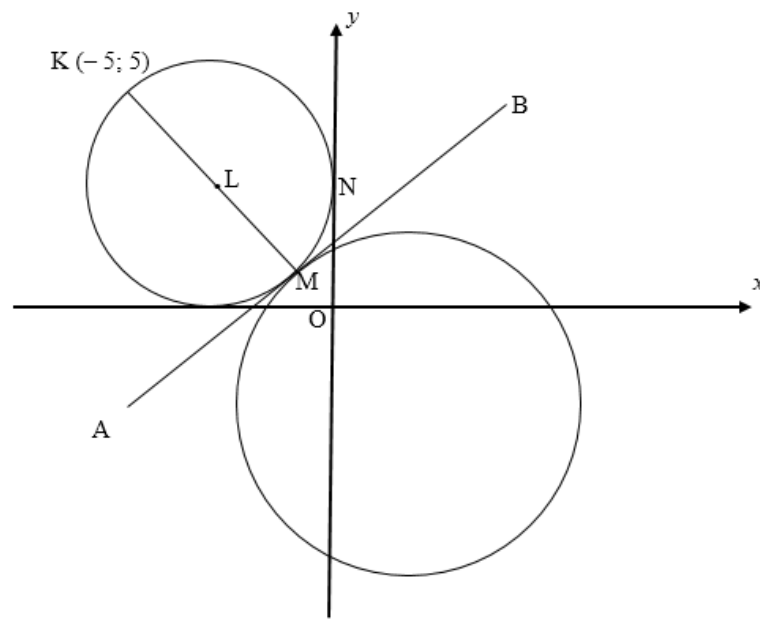
QUESTION 3/VRAAG 3



3.1		(1)
3.2.1		(2)
3.2.2		(2)
3.3		(5)

3.4		
		(4)
3.5		
		(3)
3.6		
		(5)
	[22]	

QUESTION 4/VRAAG 4

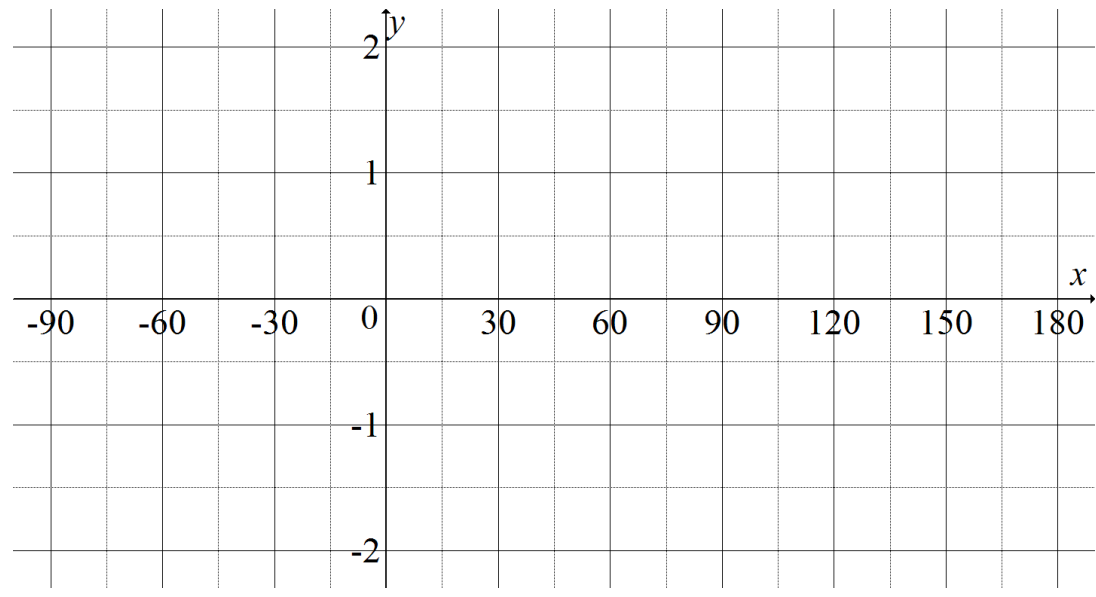


4.1.1		(4)
4.1.2		(3)
4.1.3		(4)

4.1.4		(2)
4.2.1		(2)
4.2.2		(4)
		[19]

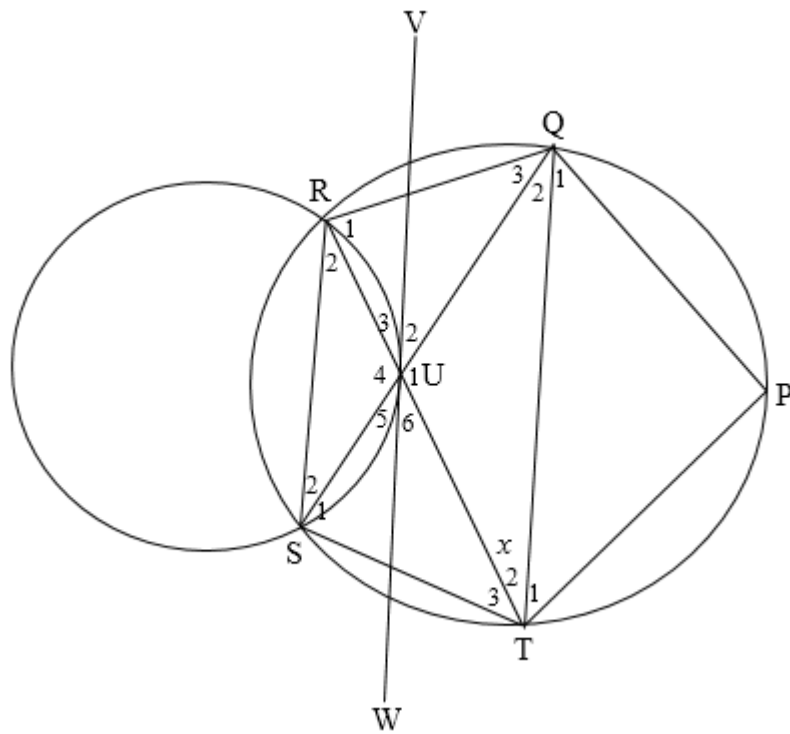
QUESTION 5/VRAAG 5		
5.1.1		(5)
5.1.2		(3)
5.1.3		(2)
5.2.1		(2)

5.2.2		
		(4)
5.3		
		(4)
		[20]

QUESTION 6/VRAAG 6		
6.1.1		(1)
6.1.2		(1)
6.2		(6)
6.3		(5)

6.4		(1)
6.5		(1)
		[15]

QUESTION 9/VRAAG 9



9.1

(3)

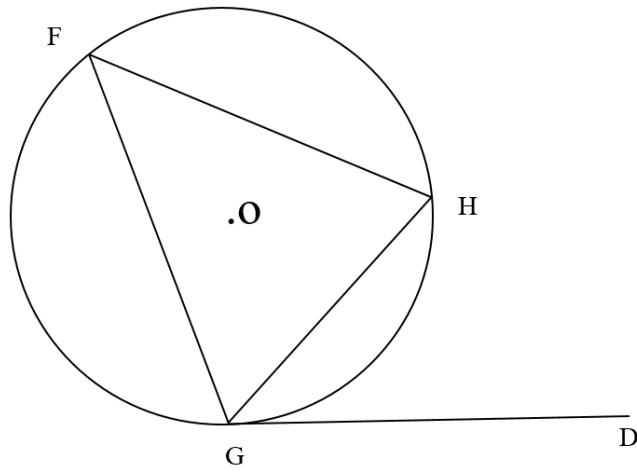
9.2

(4)

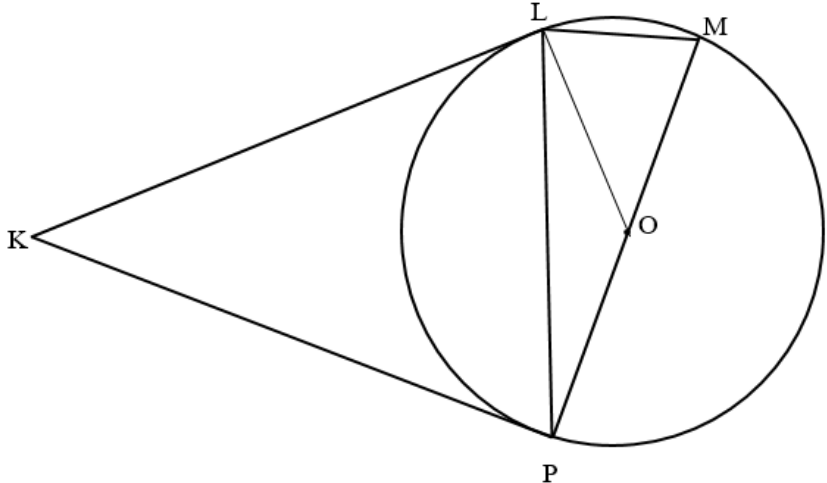
9.3.1		
		(4)
9.3.2		
		(2)
9.4.1		
		(2)
9.4.2		
		(2)
		[17]

QUESTION 10/VRAAG 10

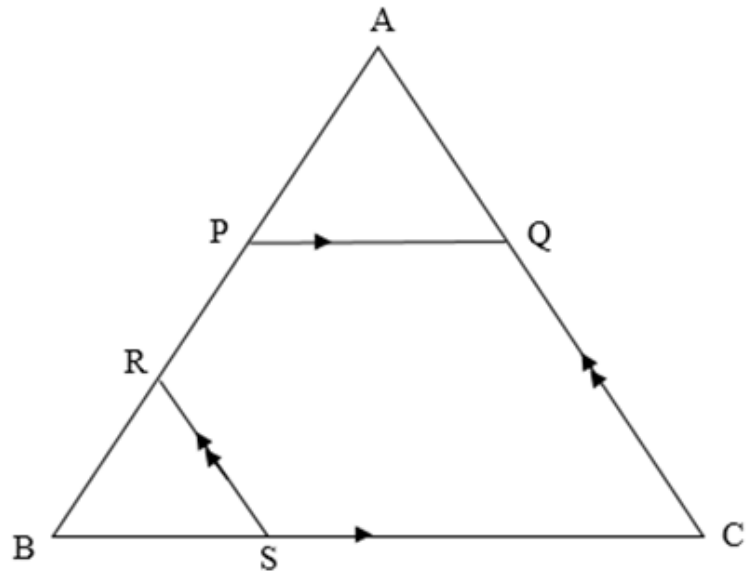
10.1



(5)

10.2		
		
10.2.1		(1)
10.2.2		(5)
10.2.3		(2)
10.2.4		(5)
		[18]

QUESTION 11/VRAAG 11



(7)
[7]

	Additional Space/Addisionele ruimte	

	Additional Space/<i>Addisionele ruimte</i>	

TOTAL/*TOTAAL*: 150