



Province of the
EASTERN CAPE
EDUCATION

LEARNER'S NAME: <i>LEERDERNAAM:</i>	
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GRADE 11 <i>GRAAD 11</i>	
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**NATIONAL/NASIONALE
SENIOR
CERTIFICATE/SERTIFIKAAT**

GRADE 11/GRAAD 11

NOVEMBER 2019

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

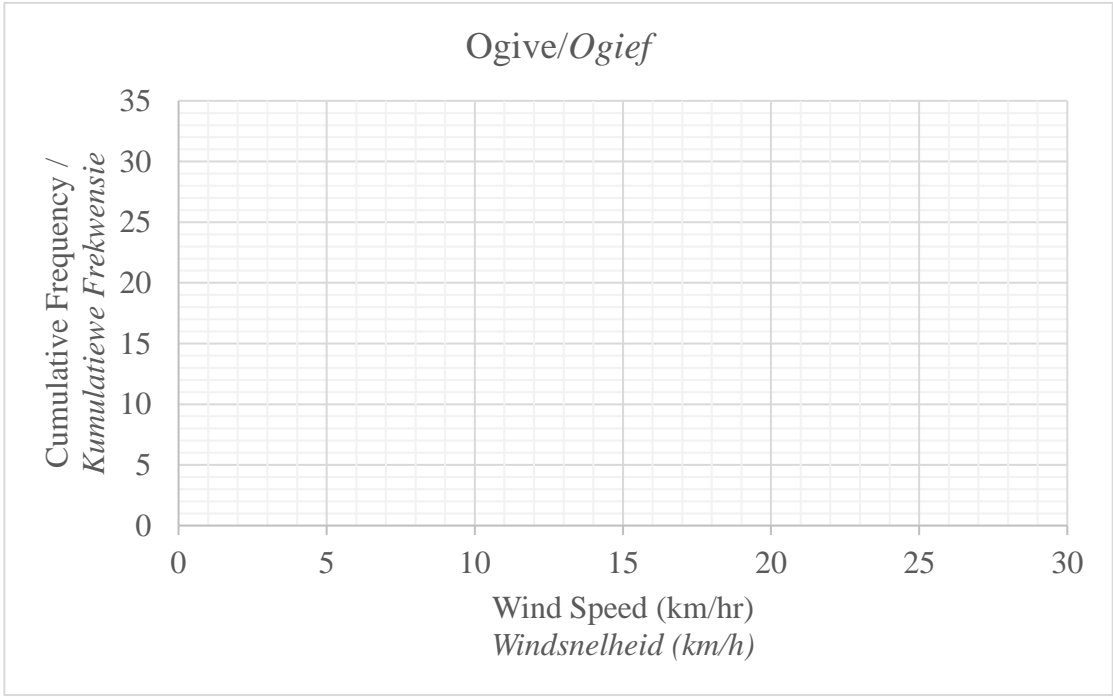
Marker/Merker			Moderator's Initials / Moderator se paraaf																	
Question Vraag	Mark Punt	Initial Parafeer	Marks Punte	S M	Marks Punte	D M	Marks Punte	P M	Marks Punte	NM										
1																				
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This special answer book consists of 22 pages./
Hierdie spesiale antwoordeboek bestaan uit 22 bladsye.

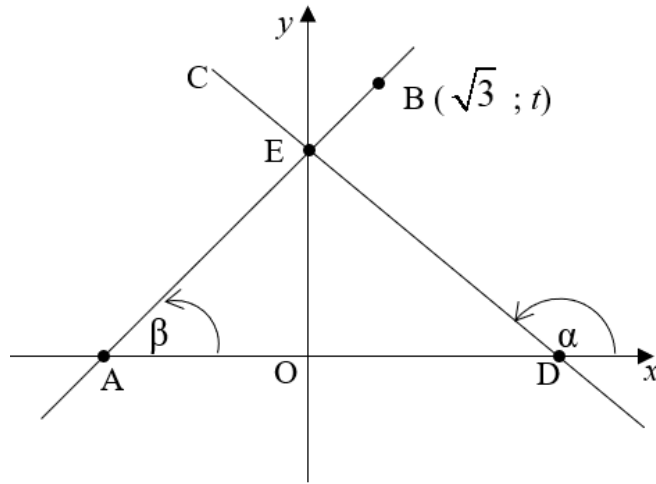
QUESTION 1/VRAAG 1

440 ; 520 ; 480 ; 560 ; 615 ; 550 ; 620 ; 680 ; 540 ; 490		
1.1		(2)
1.2		(1)
1.3		(5)
1.4		(2)
1.5		(3)
		[13]

QUESTION 2/VRAAG 2

2.1	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 5px;">Wind Speed (km/hr) <i>Windsnelheid</i> (km/h)</th> <th style="padding: 5px;">Frequency <i>Frekwensie</i></th> <th style="padding: 5px;">Cumulative Frequency <i>Kumulatiewe</i> <i>Frekwensie</i></th> </tr> </thead> <tbody> <tr><td style="padding: 5px;">$10 < x \leq 12$</td><td style="padding: 5px;">1</td><td style="padding: 5px;">1</td></tr> <tr><td style="padding: 5px;">$12 < x \leq 14$</td><td style="padding: 5px;">2</td><td style="padding: 5px;">3</td></tr> <tr><td style="padding: 5px;">$14 < x \leq 16$</td><td style="padding: 5px;"></td><td style="padding: 5px;">6</td></tr> <tr><td style="padding: 5px;">$16 < x \leq 18$</td><td style="padding: 5px;">4</td><td style="padding: 5px;">10</td></tr> <tr><td style="padding: 5px;">$18 < x \leq 20$</td><td style="padding: 5px;">7</td><td style="padding: 5px;"></td></tr> <tr><td style="padding: 5px;">$20 < x \leq 22$</td><td style="padding: 5px;">7</td><td style="padding: 5px;">24</td></tr> <tr><td style="padding: 5px;">$22 < x \leq 24$</td><td style="padding: 5px;">4</td><td style="padding: 5px;">28</td></tr> <tr><td style="padding: 5px;">$24 < x \leq 26$</td><td style="padding: 5px;"></td><td style="padding: 5px;">30</td></tr> <tr><td style="padding: 5px;">$26 < x \leq 28$</td><td style="padding: 5px;">1</td><td style="padding: 5px;"></td></tr> </tbody> </table>	Wind Speed (km/hr) <i>Windsnelheid</i> (km/h)	Frequency <i>Frekwensie</i>	Cumulative Frequency <i>Kumulatiewe</i> <i>Frekwensie</i>	$10 < x \leq 12$	1	1	$12 < x \leq 14$	2	3	$14 < x \leq 16$		6	$16 < x \leq 18$	4	10	$18 < x \leq 20$	7		$20 < x \leq 22$	7	24	$22 < x \leq 24$	4	28	$24 < x \leq 26$		30	$26 < x \leq 28$	1		(2)
Wind Speed (km/hr) <i>Windsnelheid</i> (km/h)	Frequency <i>Frekwensie</i>	Cumulative Frequency <i>Kumulatiewe</i> <i>Frekwensie</i>																														
$10 < x \leq 12$	1	1																														
$12 < x \leq 14$	2	3																														
$14 < x \leq 16$		6																														
$16 < x \leq 18$	4	10																														
$18 < x \leq 20$	7																															
$20 < x \leq 22$	7	24																														
$22 < x \leq 24$	4	28																														
$24 < x \leq 26$		30																														
$26 < x \leq 28$	1																															
2.2	<p style="text-align: center;"><i>Ogive/Ogief</i></p> 	(3)																														
2.3.1		(2)																														
2.3.2		(2)																														
		[9]																														

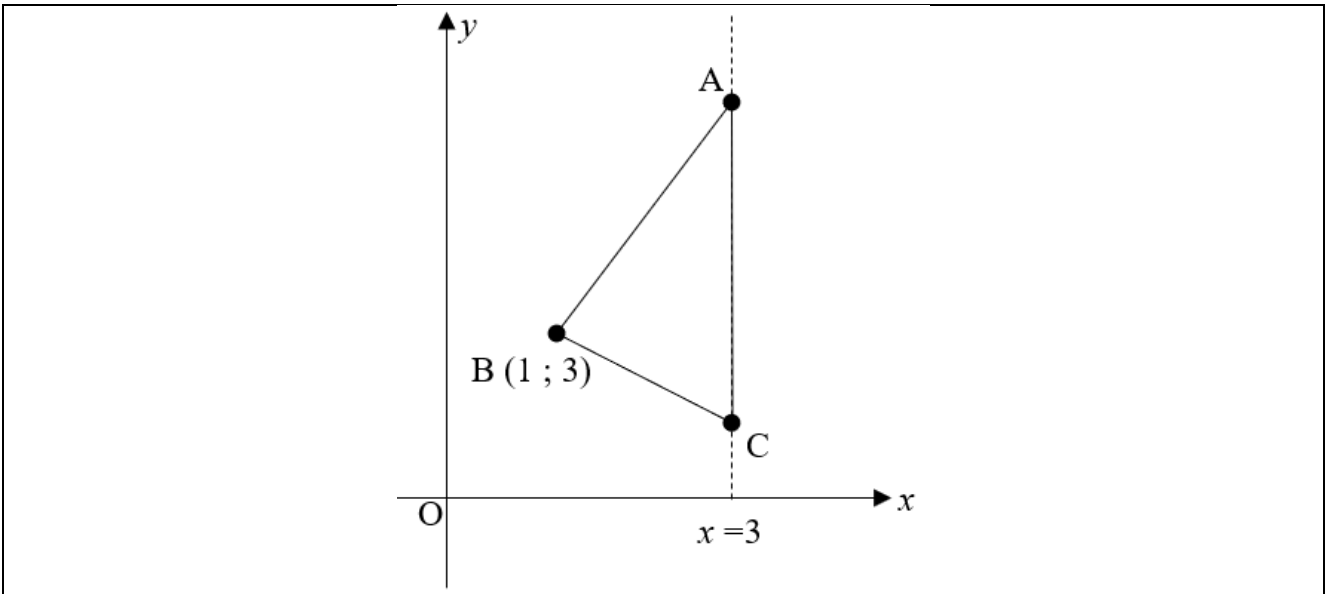
QUESTION 3/VRAAG 3



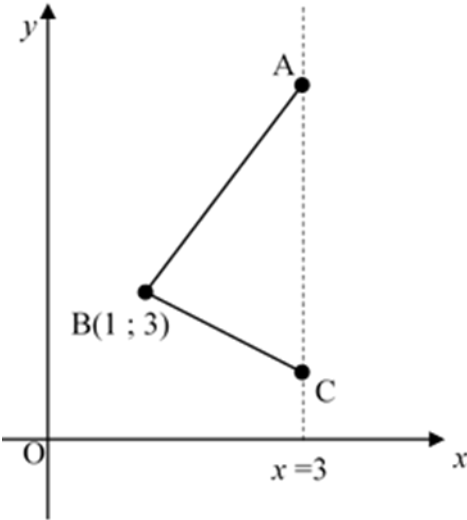
<p>3.1</p>		<p>(2)</p>
<p>3.2</p>		<p>(2)</p>
<p>3.3</p>		<p>(2)</p>
<p>3.4</p>		<p>(1)</p>

3.5		(3)
3.6		(2)
3.7		(5)
	[17]	

QUESTION 4/VRAAG 4



<p>4.1</p>		<p>(4)</p>
<p>4.2</p>		<p>(2)</p>

4.3		(2)
4.4		(3)
4.5		(2)

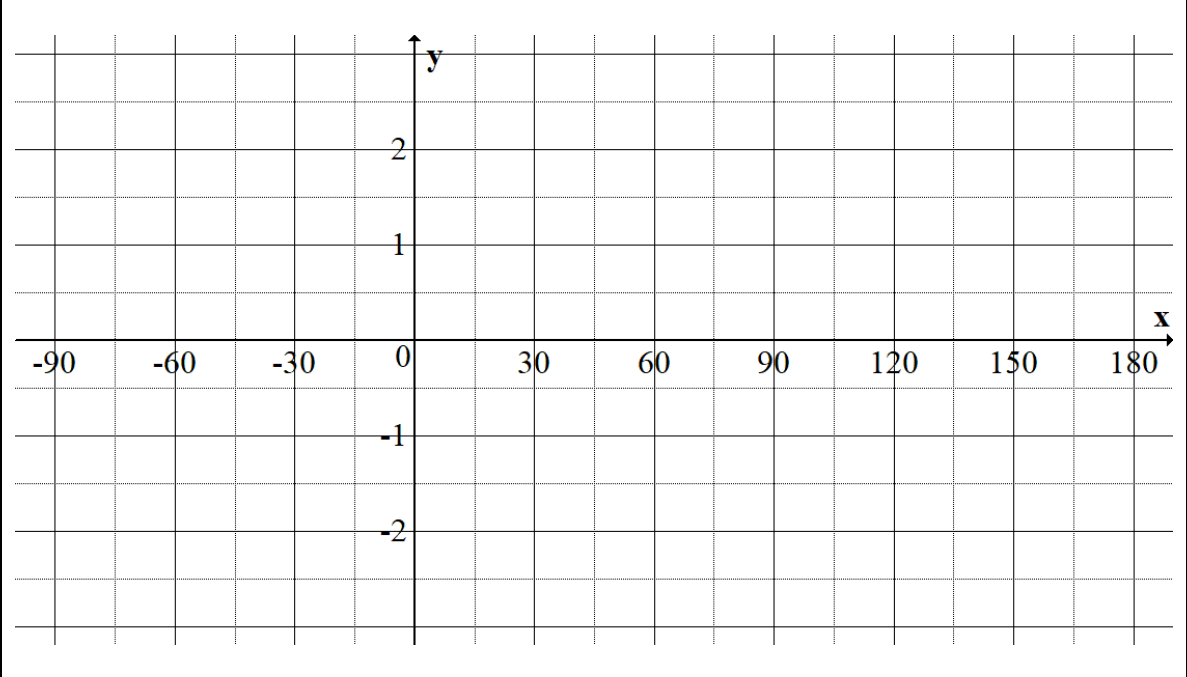
[13]

QUESTION 5/VRAAG 5

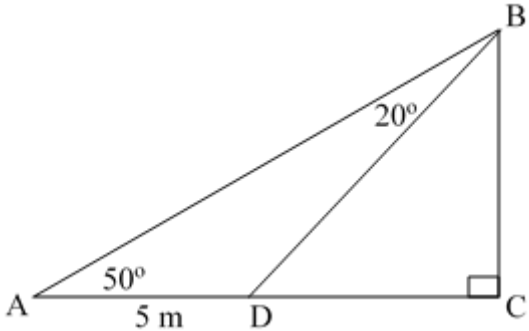
5.1		
5.1.1		(3)
5.1.2		(2)
5.2.1		(5)
5.2.2		(2)

5.3		(4)
5.4		(6)
	(6)	
	[22]	

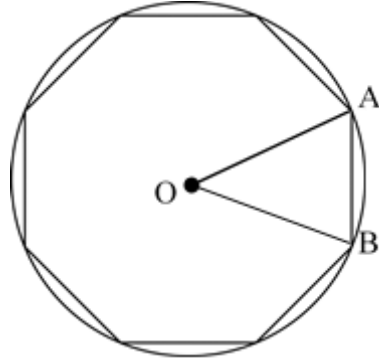
QUESTION 6/VRAAG 6

6.1		(6)
6.2.1		(1)
6.2.2		(2)
6.2.3		(2)
6.3		(2)
		[13]

QUESTION 7/VRAAG 7

7.1		
7.1.1		(1)
7.1.2		(5)

7.2



7.2.1

(3)

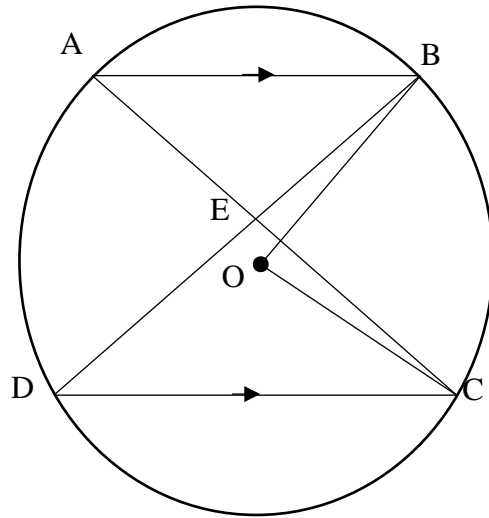
7.2.2

(4)

[13]

QUESTION 8/VRAAG 8

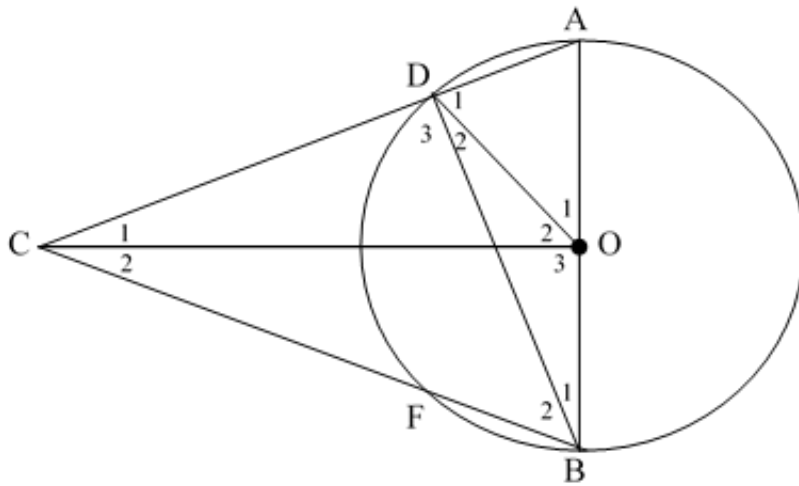
8.1



8.1.1	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	(3)
8.1.2(a)	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	(2)
8.1.2(b)	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	(2)

8.2		
8.2.1(a)		(2)
8.2.1(b)		(2)
8.2.1(c)		(2)
8.2.2	<div style="border-bottom: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 20px; margin-bottom: 5px;"></div>	(3)

8.3



8.3.1

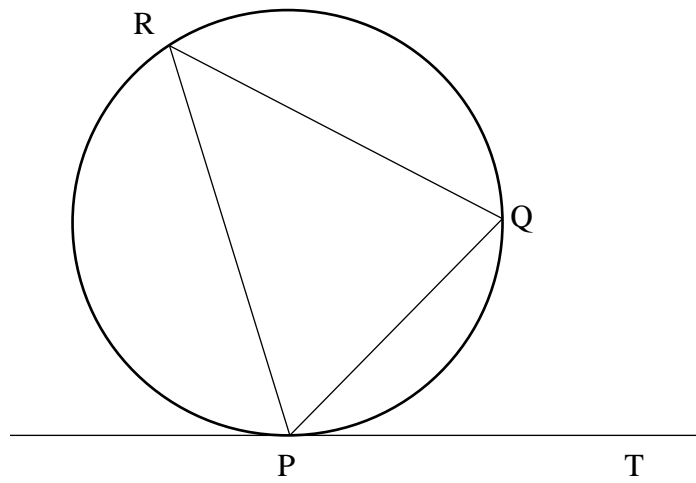
(4)

8.3.2

(2)

[22]

QUESTION 9/VRAAG 9

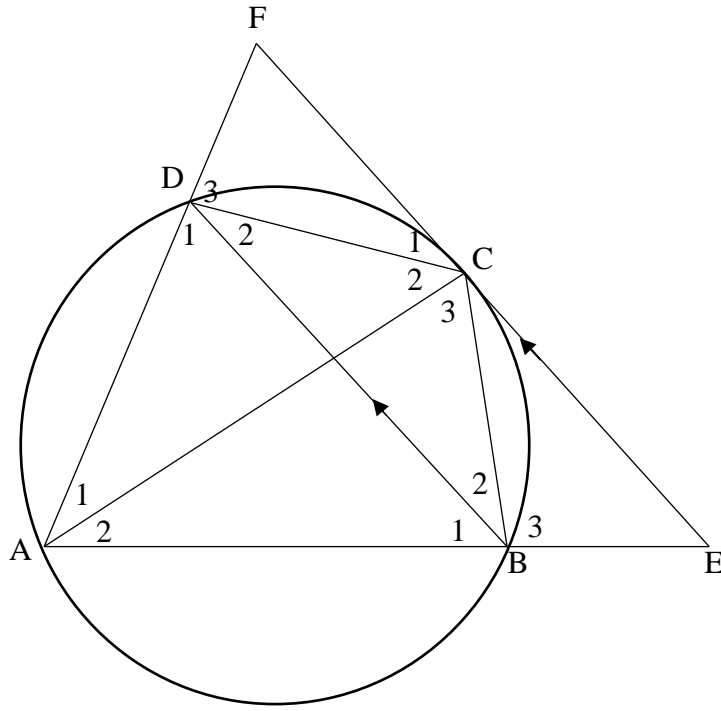


9.1.	

(5)

9.2		
9.2.1		
		(2)
9.2.2		
		(2)
9.3		
		(3)

9.4



9.4.1

(3)

9.4.2

(3)

[18]

QUESTION 10/VRAAG 10

10.1		(4)
10.2		(2)
		[6]

QUESTION 11/VRAAG 11

11		
		(4)
		[4]

TOTAL/TOTAAL: 150

	Additional Space/Addisionele ruimte	

