



Province of the
EASTERN CAPE
EDUCATION

LEARNER'S NAME:
LEERDERNAAM:

GRADE 12
GRAAD 12

**NATIONAL/NASIONALE SENIOR
CERTIFICATE/SERTIFIKAAT**

GRADE 12/GRAAD 12



JUNE/JUNIE 2017

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

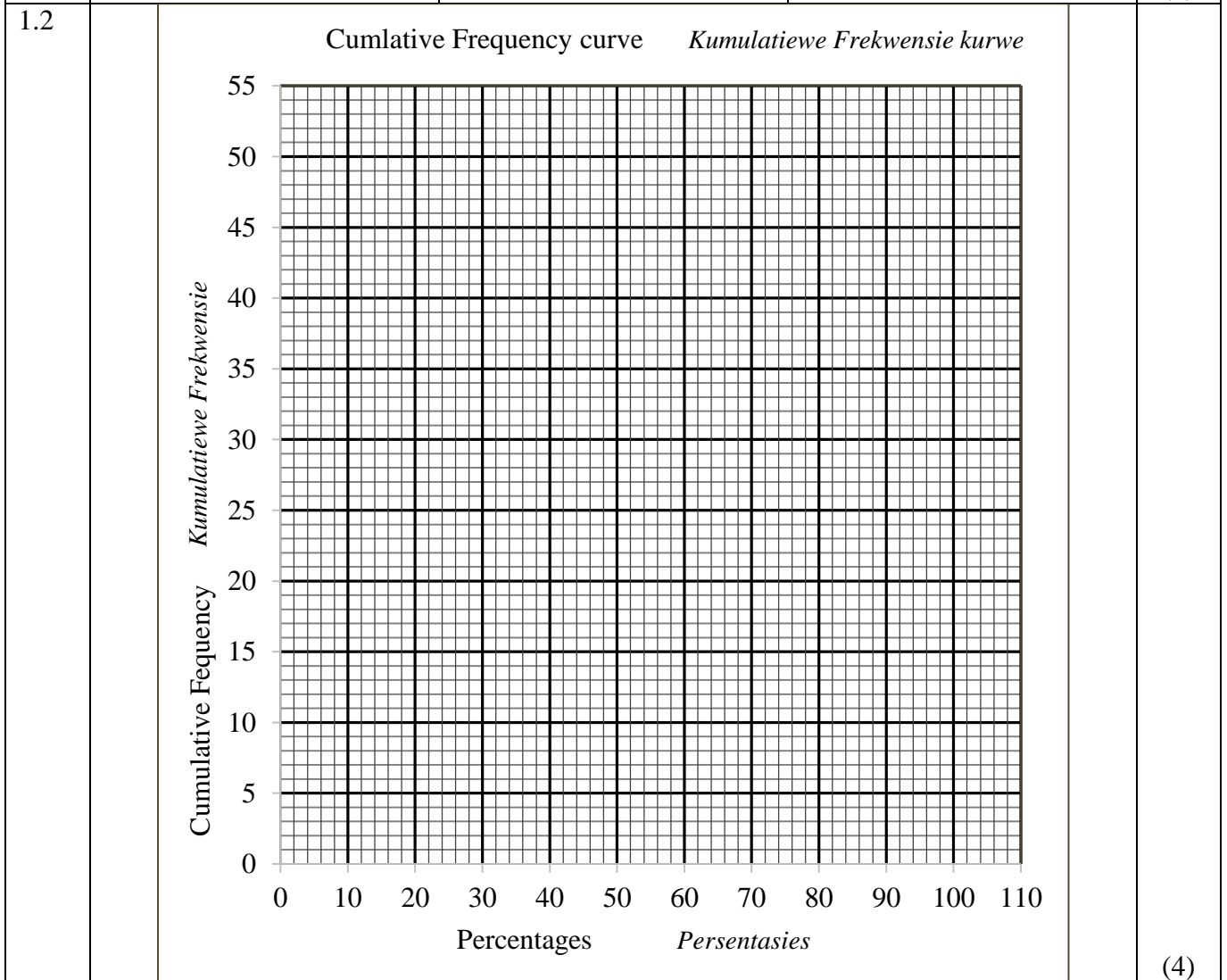
QUESTION/VRAAG	MARK/PUNT	INITIAL/PARAAF	MOD.
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
TOTAL/TOTAL			

This SPECIAL ANSWER BOOK consists of 22 pages. /
Hierdie SPESIALE ANTWOORDEBOEK bestaan uit 22 bladsye.

QUESTION/VRAAG 1

1.1	Percentages/ <i>Persentasies</i>	Frequency/ <i>Frekwensie</i>	Cumulative Frequency/ <i>Kumulatiewe Frekwensie</i>
	$30 \leq x < 40$	1	
	$40 \leq x < 50$	2	
	$50 \leq x < 60$	9	
	$60 \leq x < 70$	12	
	$70 \leq x < 80$	11	
	$80 \leq x < 90$	9	
	$90 \leq x < 100$	6	

(3)



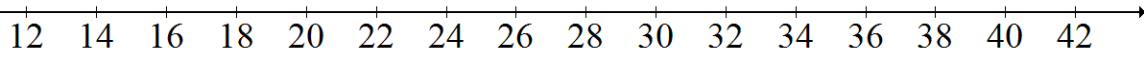
(4)

1.3	

(2)

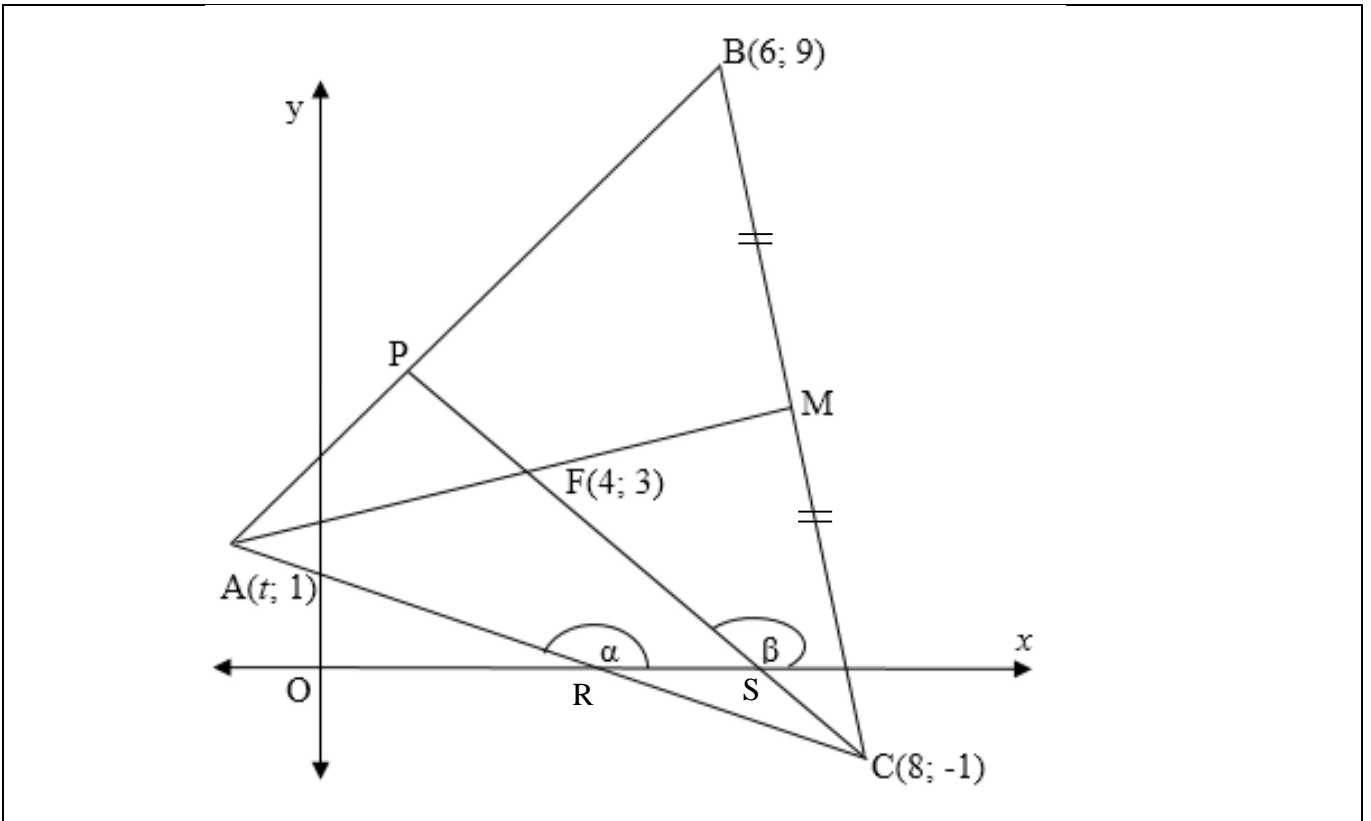
[9]

QUESTION/VRAAG 2

2.1		(4)
2.2		(3)
		
2.3		(1)
2.4		(2)
2.5		(1)

[11]

QUESTION/VRAAG 3

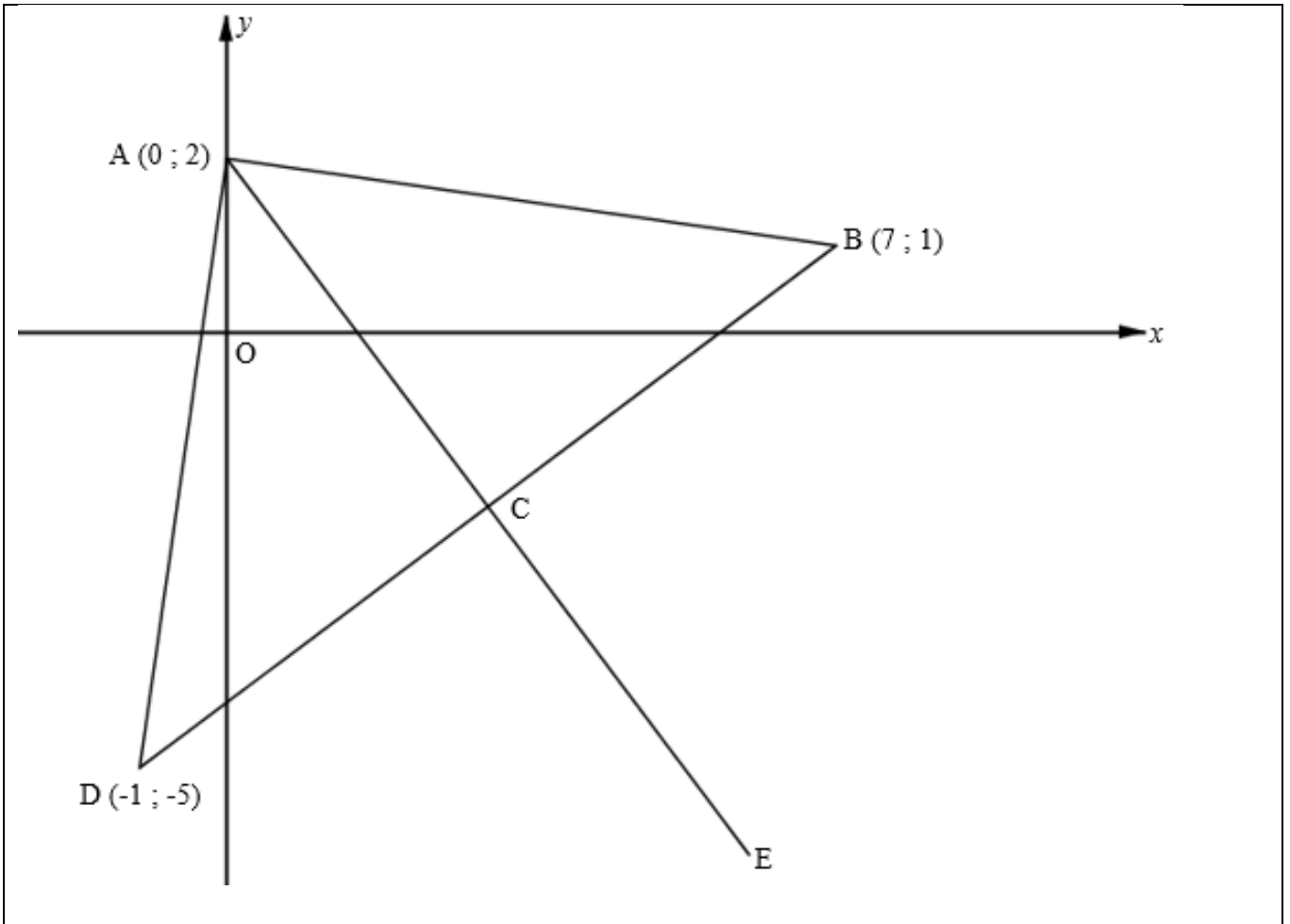


3.1	<div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div>	(2)
3.2	<div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div> <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div>	(4)

3.3		(2)
3.4		(2)
3.5		(2)
3.6		(4)

[16]

QUESTION/VRAAG 4



4.1		(2)
4.2		

4.3		(5)
4.4		(2)
4.5		(2)
4.6		(3)
4.7		(3)

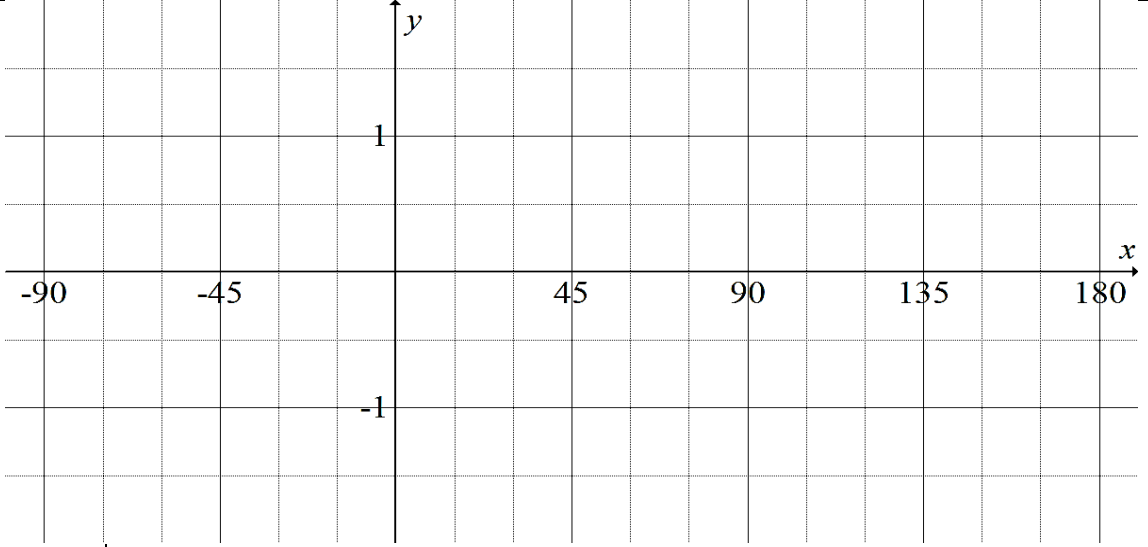
[20]

QUESTION/VRAAG 5

5.1	5.1.1		(2)	
	5.1.2			(2)
5.2		(7)		
5.3		(4)		

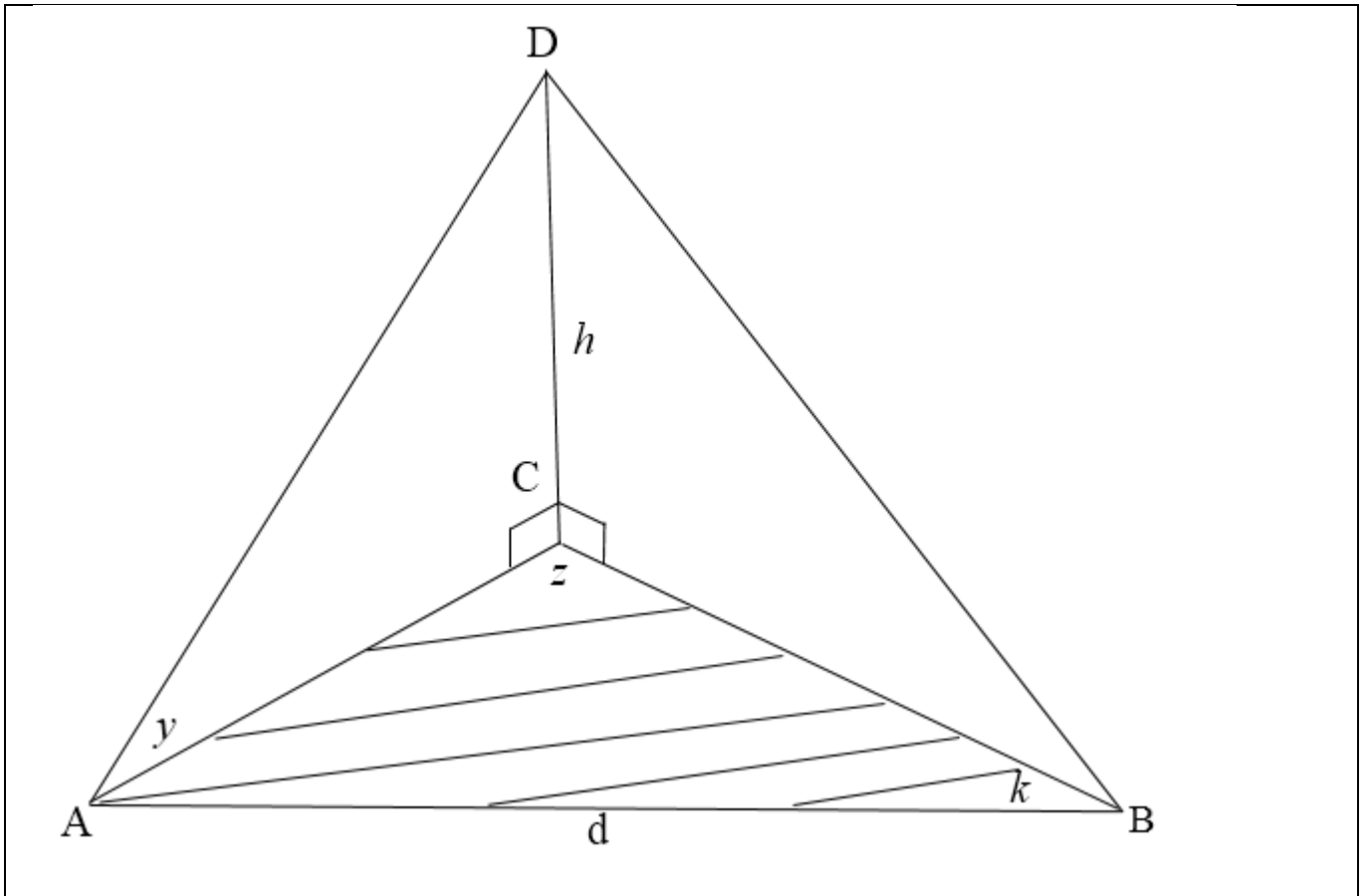
5.4			(4)
5.5	5.5.1		(3)
	5.5.2		(4)

QUESTION/VRAAG 6

6.1		(6)					
6.2.1	<table border="1" style="width: 100%; height: 100%;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>					(2)	
6.2.2	<table border="1" style="width: 100%; height: 100%;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>						(2)
6.3	<table border="1" style="width: 100%; height: 100%;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>				(1)		

[11]

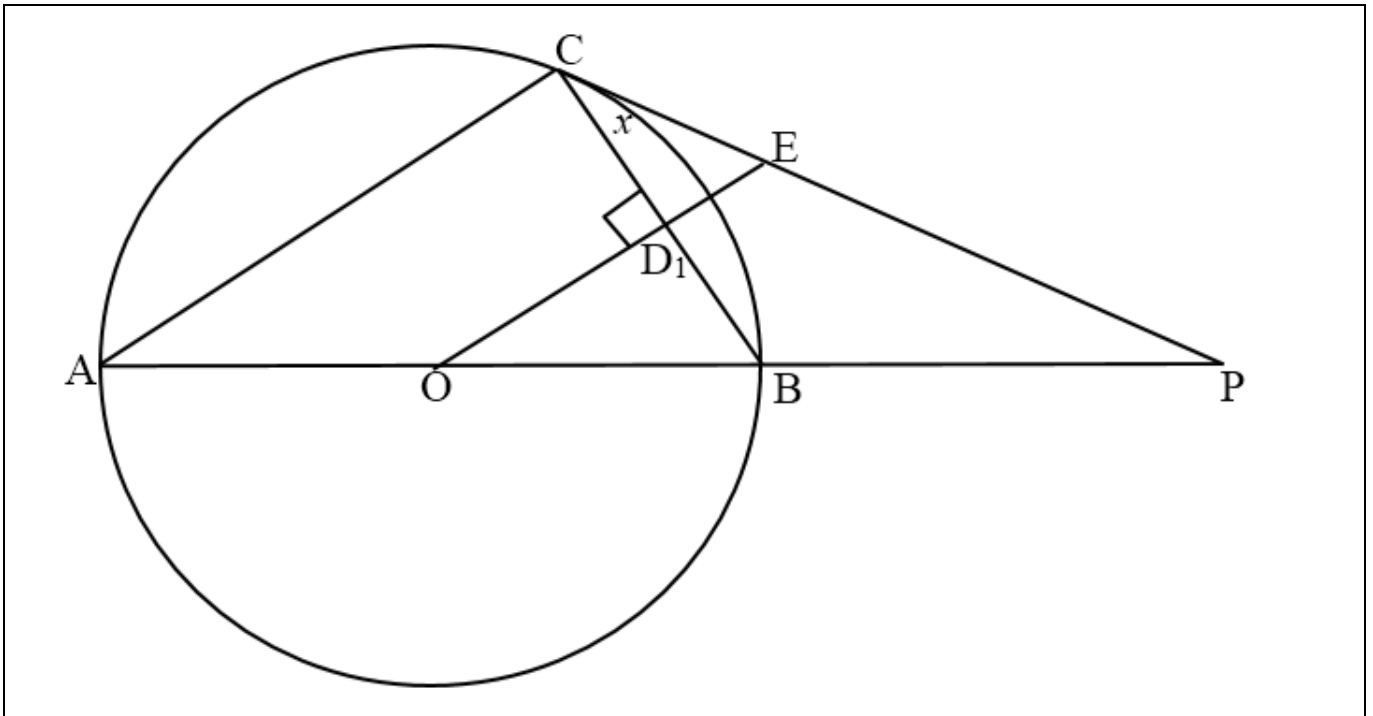
QUESTION/VRAAG 7



7.1		(2)
7.2		(2)

7.3		(1)
7.4		(2)
		[7]

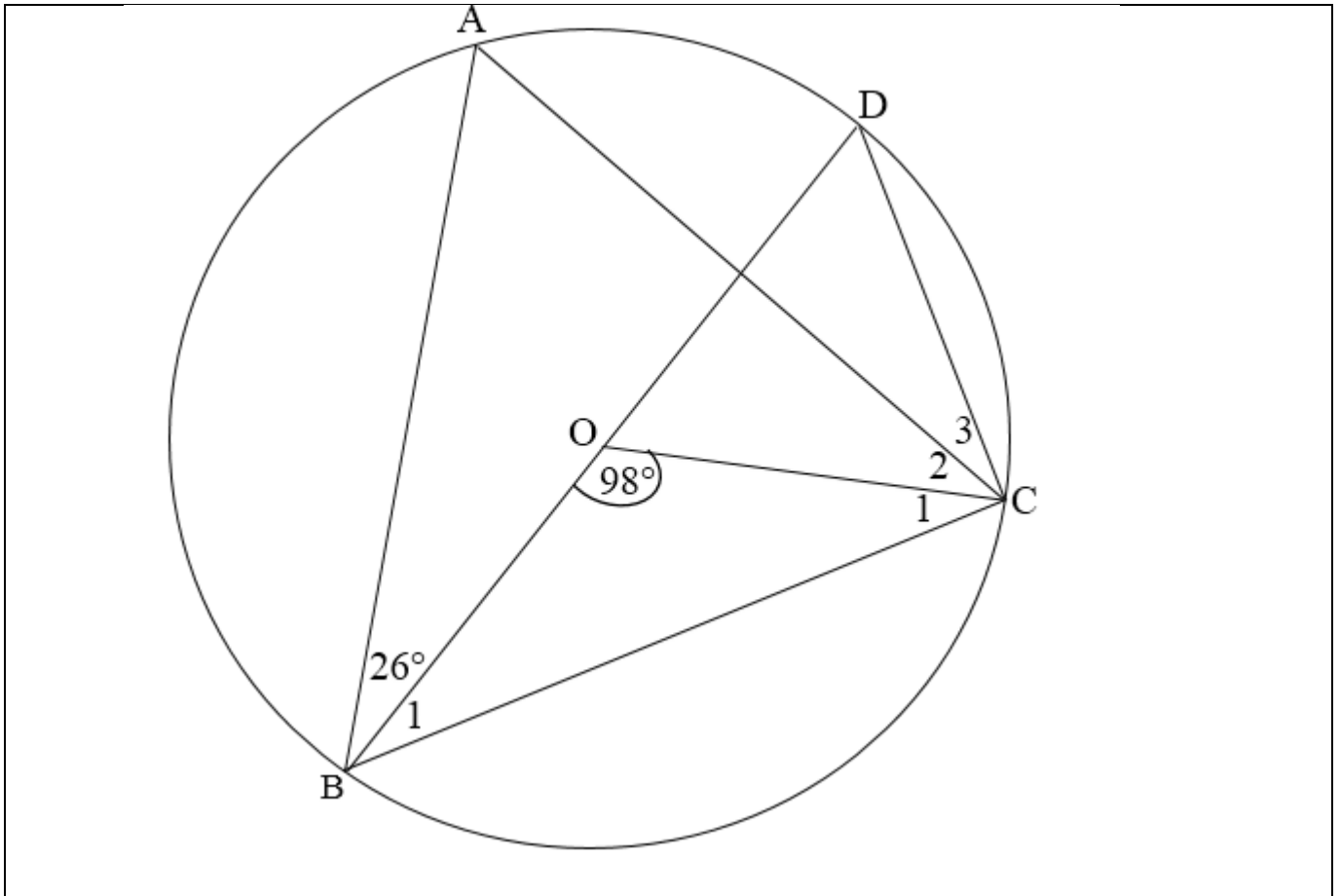
QUESTION/VRAAG 8



8.1		(1)
8.2		(3)
8.3		(4)
8.4		(2)

[10]

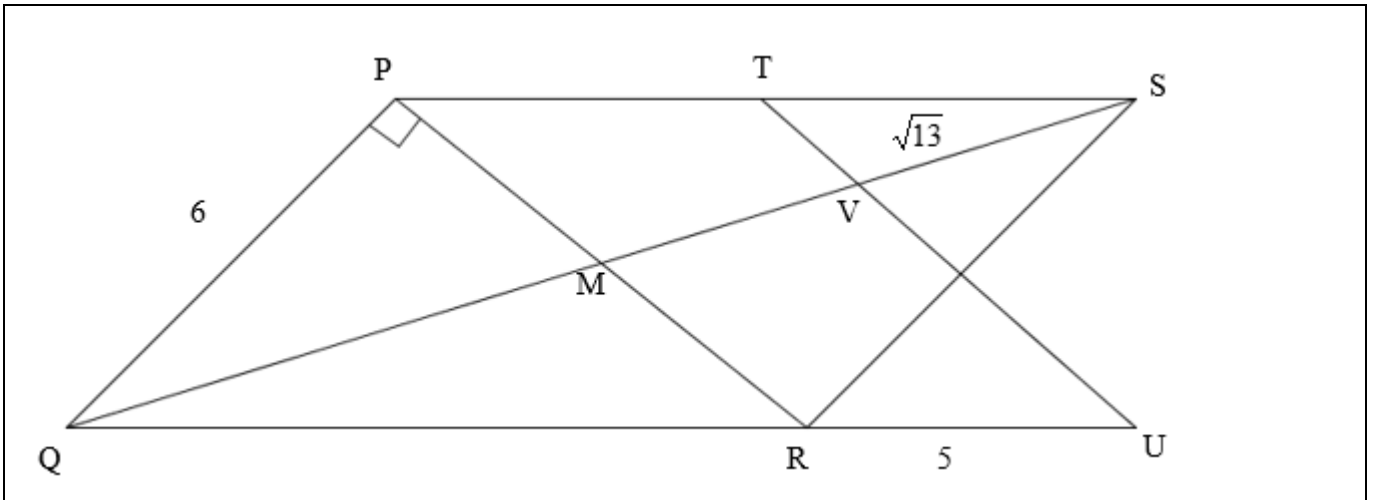
QUESTION/VRAAG 9



9.1		(2)
9.2		(3)
9.3		(3)

[8]

QUESTION/VRAAG 10

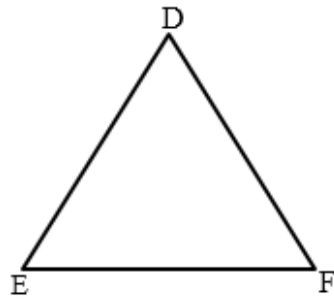
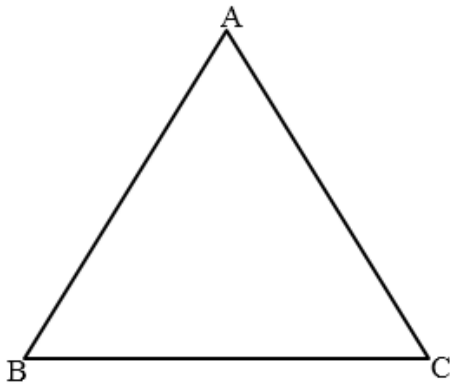


10.1	10.1.1		(3)
	10.1.2		(4)
10.2		(2)	

[9]

QUESTION/VRAAG 11

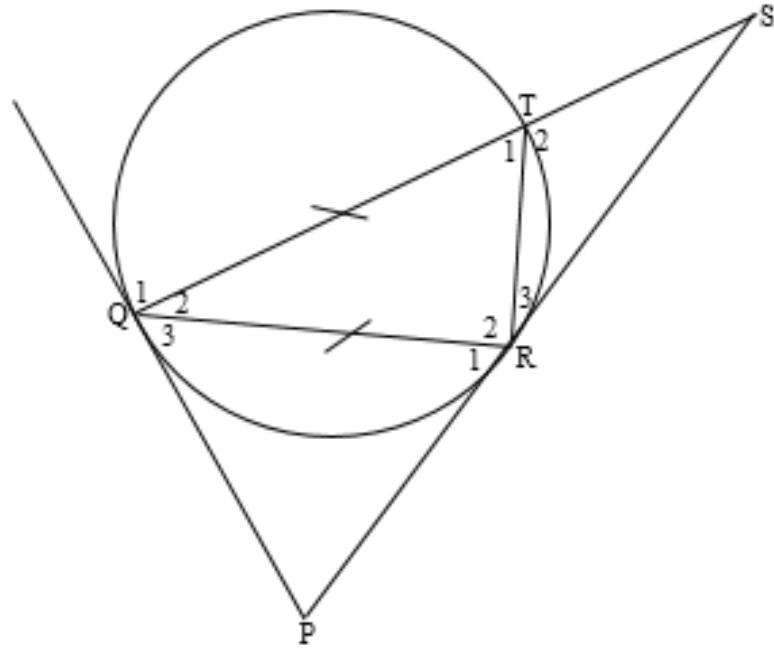
11.1



Blank writing area consisting of 15 horizontal lines.

(7)

11.2



11.2.1

(3)

11.2.2

(2)

11.2.3

(3)

11.2.4

(3)

	11.2.5		(2)
	11.2.6		(3)

[23]

TOTAL/TOTAAL: 150

Additional Space/Addisionele Ruimte

