



GAUTENG PROVINCE
EDUCATION
REPUBLIC OF SOUTH AFRICA

PREPARATORY EXAMINATION Answer Book
VOORBEREIDENDE EKSAMEN-Antwoordboek
2018

CANDIDATE'S NAME LEERDER SE NAAM															
DATE DATUM											BOOK NUMBER BOEKNOMMER		OF VAN		BOOKS BOEKE
TEACHER ONDERWYSER											PAPER NUMBER VRAESTELNOMMER	2			
SUBJECT NAME VAKNAAM	MATHEMATICS / WISKUNDE (10612)														

This answer book consists of 21 pages. / Hierdie antwoordboek bestaan uit 21 bladsye.

MARKER / NASIENER			MODERATOR'S INITIALS IN RELEVANT BLOCK MODERATORPARAAF IN BETROKKE BLOKKIE					
Question Vraag	Marks Punte	Marker's Code & Initials	Marks Punte					
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

RE-MARK / RE-CHECK HERNASIEN / HERKONTROLEER		
Question Vraag	Marks Punte	Initials Paraaf
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		

				TOTAL TOTAAL			

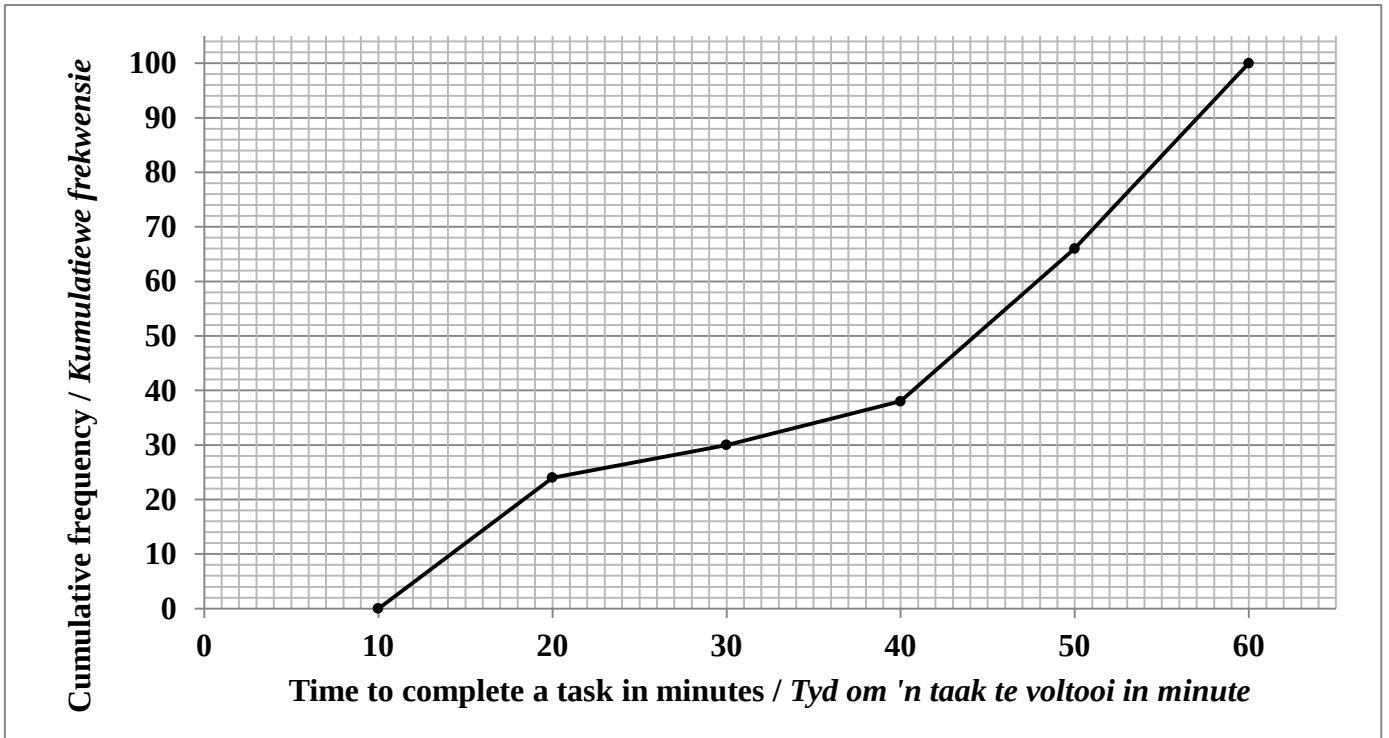
				TOTAL TOTAAL			

CONTROLLED AND CERTIFIED CORRECT
(SURNAME AND INITIALS OF EA)
GEKONTROLEER EN KORREK GESERTIFISEER
(VAN EN VOORLETTERS VAN KONTROLEERDER)

READ INSTRUCTIONS ON THE NEXT PAGE.
LEES INSTRUKSIES OP VOLGENDE BLADSY.

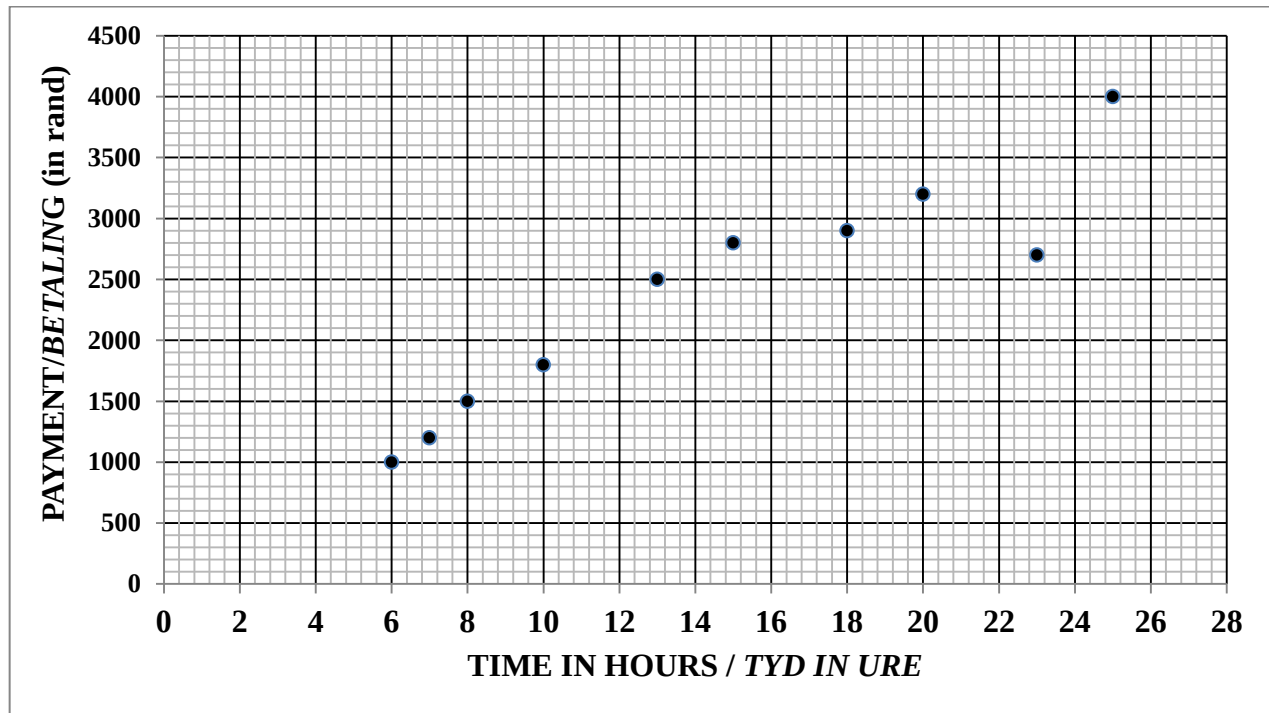
FOLLOW THESE INSTRUCTIONS CAREFULLY	VOLG HIERDIE INSTRUKSIES NOUKEURIG
1. Answer ALL questions in the spaces provided. 2. No pages may be torn from this answer book. 3. Candidates may not retain an answer book or remove it from the examination room. Answer books must be returned to the invigilator at the end of the examination session. 4. Answers must be written in black / blue ink as distinctly as possible. Do not write in the margins. 5. Indicate the questions you have answered by drawing a circle around the relevant numbers on the front cover of the answer book where marks are to be recorded. 6. Rule off through any work / rough work that must not be marked. 7. In the event that you use the additional space provided: 7.1 Write down the number of the question. 7.2 Leave a line and rule off after your answer.	1. Beantwoord ALLE vrae in die ruimtes wat voorsien is. 2. Geen bladsye mag uit hierdie antwoordboek geskeur word nie. 3. Geen antwoordboek mag deur die kandidaat behou of uit die eksamenlokaal verwyder word nie. Antwoordboeke moet aan die toesighouer terugbesorg word aan die einde van die eksamensessie. 4. Skryf die antwoorde so duidelik moontlik met swart / blou ink. Moenie in die kantlyn skryf nie. 5. Dui die vrae wat jy beantwoord het aan op die voorblad van die antwoordboek waar die punte aangebring word, deur 'n kringetjie te trek om die nommers van die vrae wat jy beantwoord het. 6. Trek 'n netjiese lyn deur enige werk / rofwerk wat nie nagesien moet word nie. 7. Ingeval jy die bykomende ruimte wat voorsien word, gebruik: 7.1 Skryf die nommer van die vraag neer. 7.2 Laat 'n lyn oop en trek 'n lyn na jou antwoord.

QUESTION / VRAAG 1



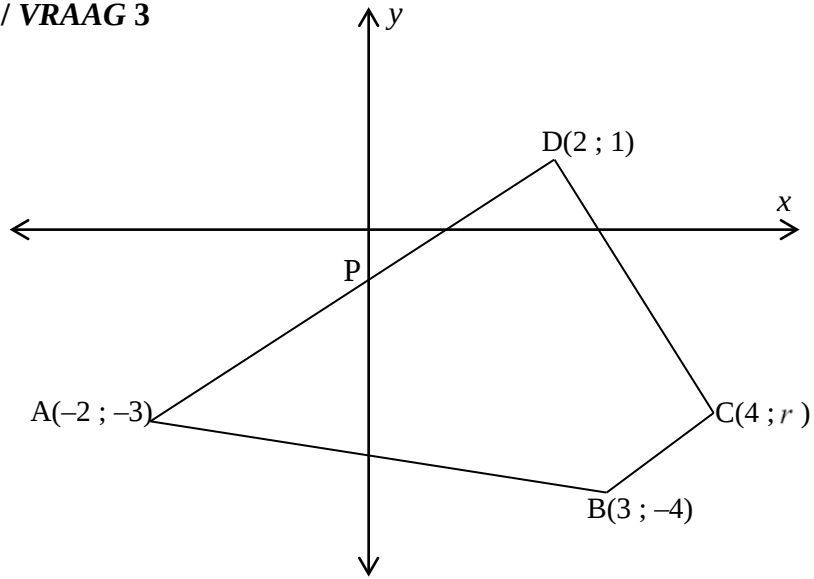
	Solution / Oplossing	Marks Punte
1.1		(2)
1.2		(1)
1.3		(1)
1.4.1		(3)
1.4.2		(2)
		[9]

QUESTION / VRAAG 2



	Solution / Oplossing	Marks Punte
2.1		(1)
2.2		(3)
2.3		(3)
2.4		(2)
2.5		(2)
		[11]

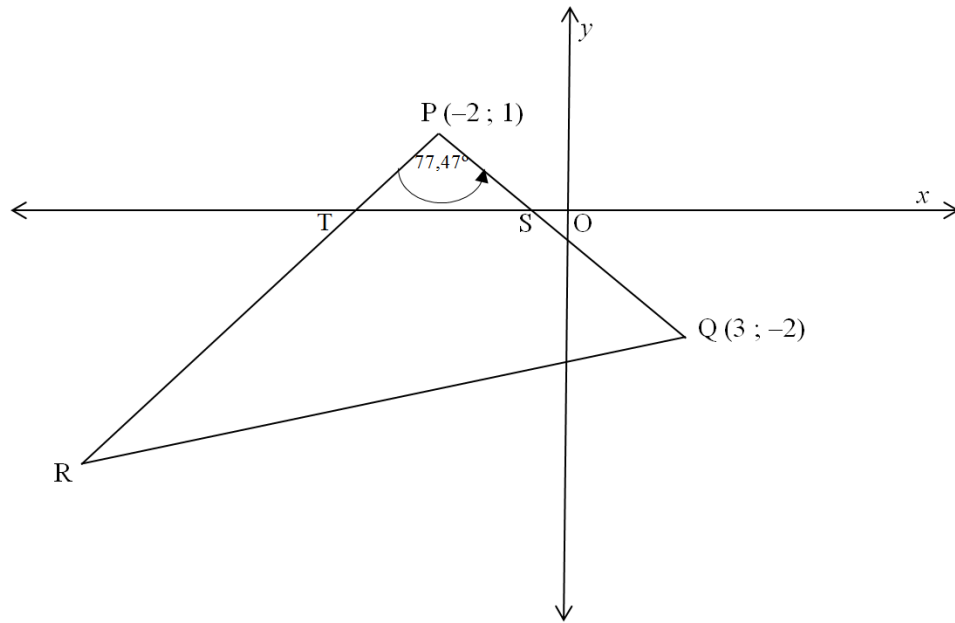
QUESTION / VRAAG 3



	Solution / Oplossing	Marks Punte
3.1.1		(4)
3.1.2		(1)
3.1.3		(2)
3.1.4		(2)

3.1.5		(5)
3.1.6		(5)

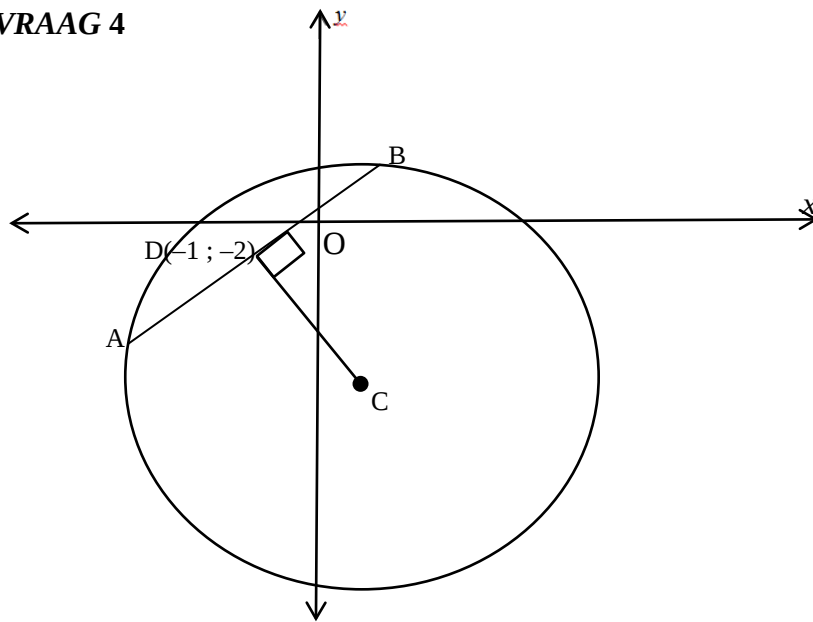
3.2



	Solution / Oplossing	Marks Punte
3.2.1		(3)
3.2.2		(6)
		[28]

QUESTION / VRAAG 4

4.1



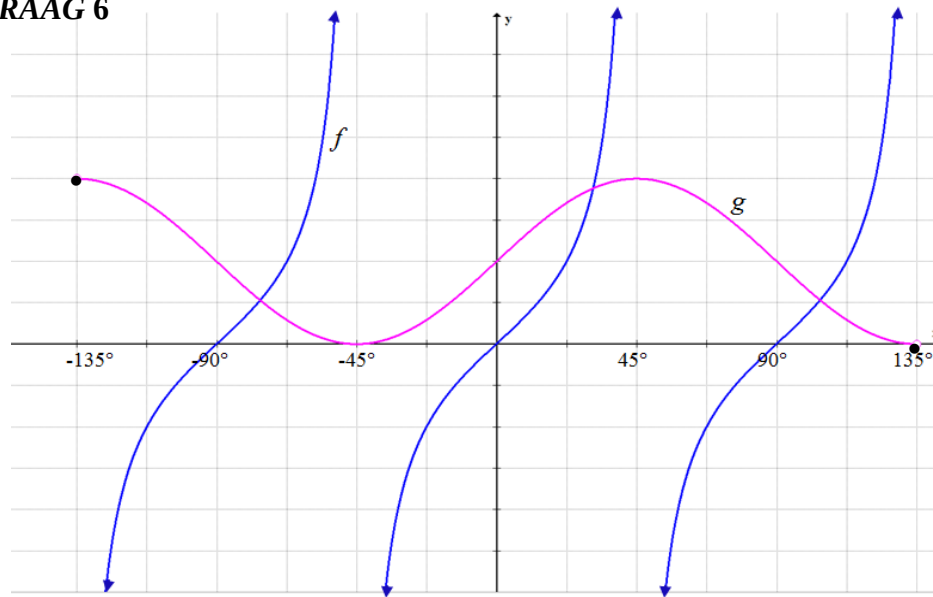
	Solution / Oplossing	Marks Punte
4.1		(3)
4.2		(1)
4.3		(5)
4.4		(3)
		[12]

QUESTION / VRAAG 5

	Solution / Oplossing	Marks Punte
5.1		(6)
5.2.1		(2)
	Solution / Oplossing	Marks Punte
5.2.2(a)		(2)

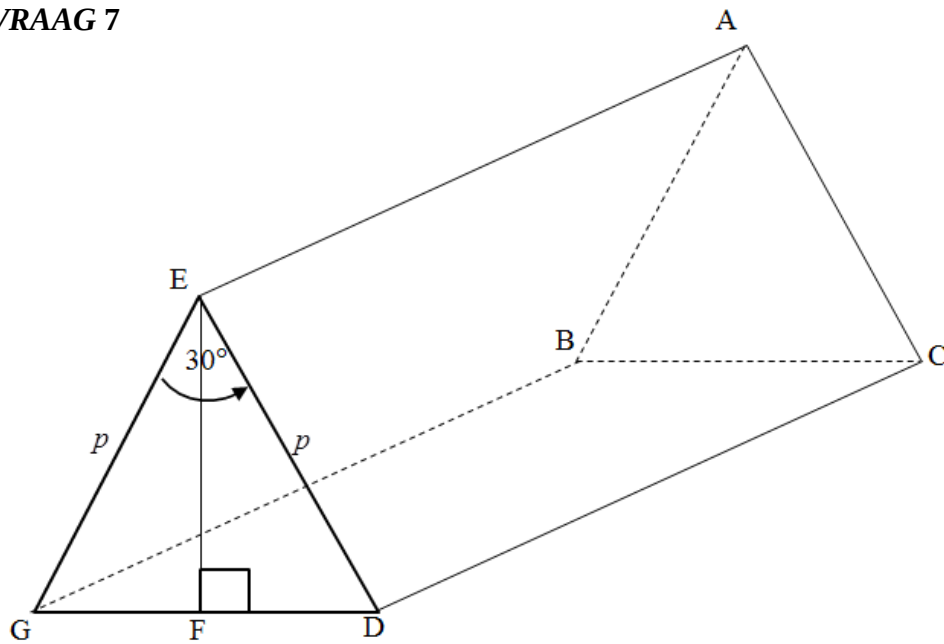
5.2.2(b)		(2)
5.2.2(c)		(2)
5.2.2(d)		(1)
5.3.1		(2)
5.3.2		(6)
		[23]

QUESTION / VRAAG 6



	Solution / Oplossing	Marks Punte
6.1		(1)
6.2		(4)
6.3		(3)
6.4		(3)
		[11]

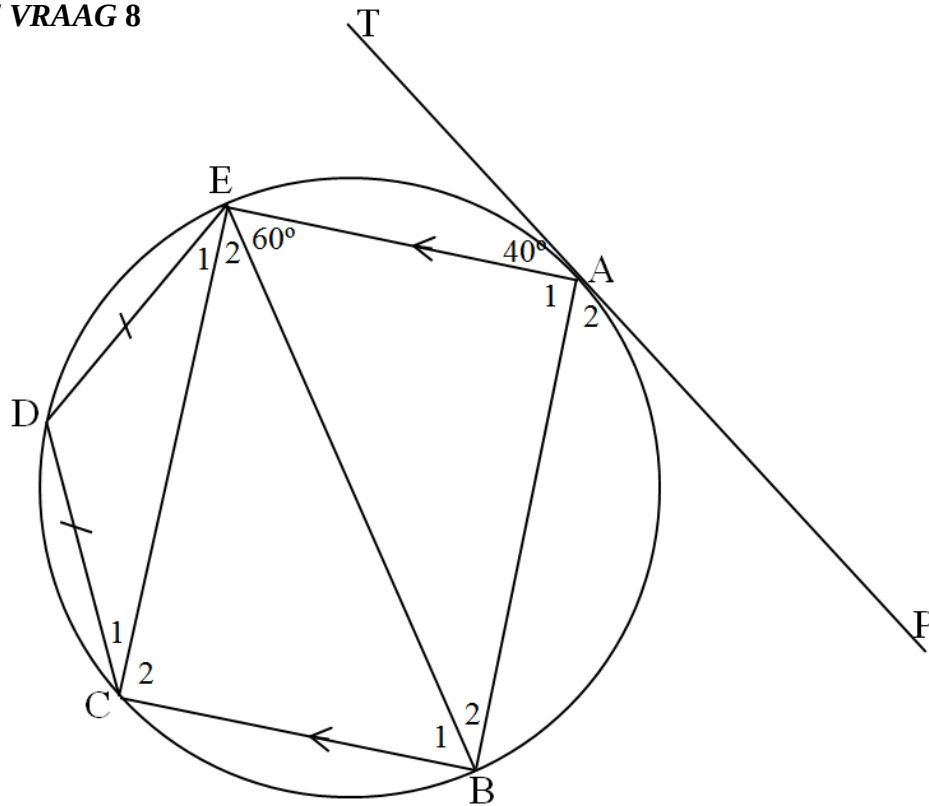
QUESTION / VRAAG 7



	Solution / Oplossing	Marks Punte
7.1		(3)
7.2		(3)
		[6]

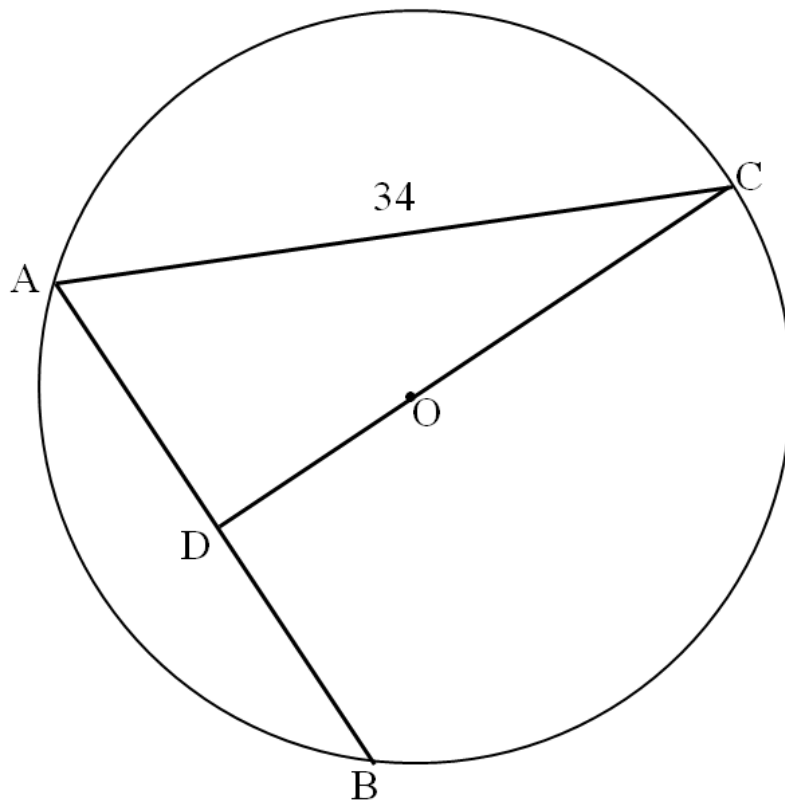
Give reasons for ALL statements and calculations in QUESTIONS 8, 9, 10 and 11.
Gee redes vir ALLE bewerings en berekeninge in VRAAG 8, 9, 10 en 11.

QUESTION / VRAAG 8



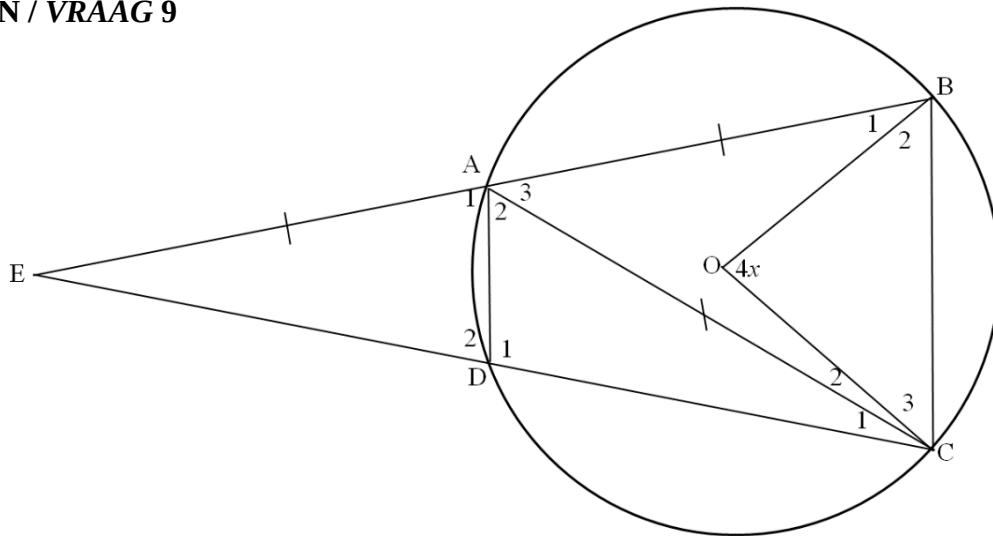
	Solution / Oplossing	Marks Punte
8.1		(2)
8.2.1		(2)
8.2.2		(2)
8.2.3		(2)
8.2.4		(3)

8.3



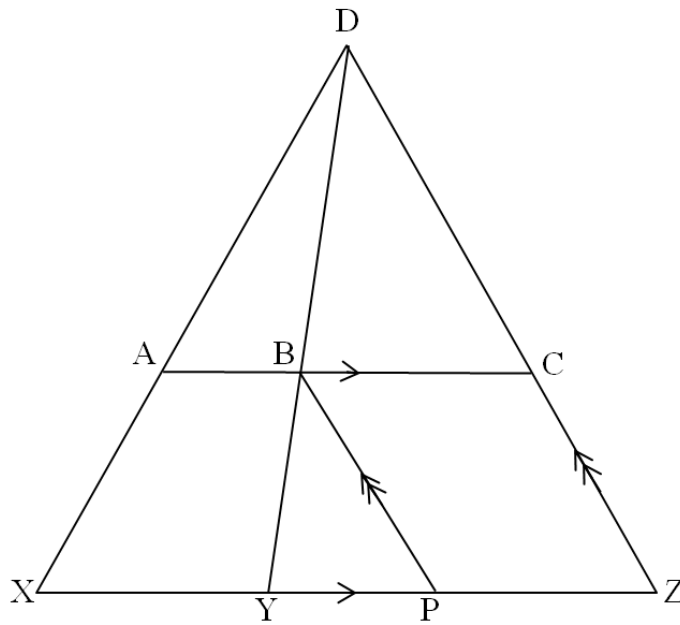
	Solution / <i>Oplossing</i>	Marks <i>Punte</i>

QUESTION / VRAAG 9



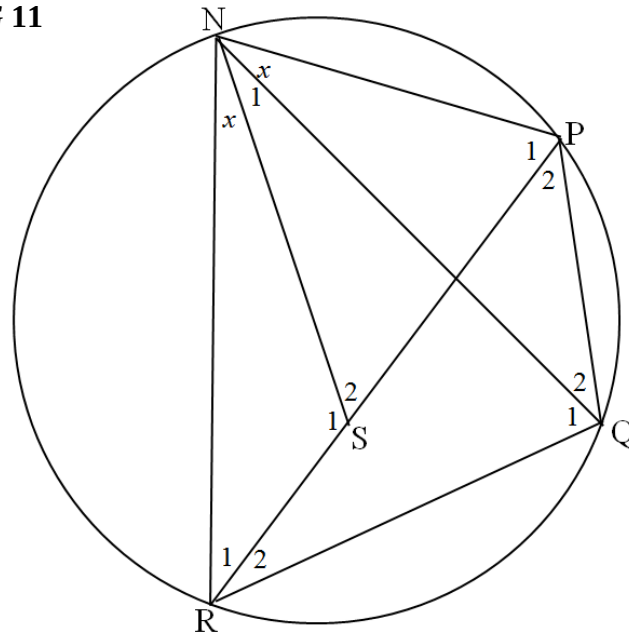
	Solution / Oplossing	Marks Punte
9.1		(2)
9.2		(5)
9.3		(3)
9.4		(4)
		[14]

10.2



	Solution / <i>Oplossing</i>	Marks <i>Punte</i>

QUESTION / VRAAG 11



	Solution / Oplossing	Marks Punte
11.1		(3)
11.2		(3)

	Solution / Oplossing	Marks Punte
11.3		
		(4)
		[10]

	Additional space / Bykomende ruimte	Marks Punte

[illegible]

[illegible]

TOTAL / TOTAAL: 150

P.T.O. / b.o.

WISKUNDE: V2 ANTWOORDEBOEK
1061A



10612X

X05

