

# Soek jy 'n fantastiese tutor?

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Department:  
Basic Education  
REPUBLIC OF SOUTH AFRICA

NSC Answer Book  
*NSS-antwoordeboek*

CENTRE NUMBER <i>SENTRUMNOMMER</i>							
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[illegible]Sequence No. on mark sheet  
Volgnommer op puntetaal

DATE	
DATUM	

BOOK NUMBER BOEKNOMMER	OF VAN	BOOKS BOEKE
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SUBJECT CODE VAKKODE					
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PAPER NUMBER VRAESTELNOMMER	2
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SUBJECT NAME VAKNAAM	MATHEMATICS/ <i>WISKUNDE</i>
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**CONTROLLED AND CERTIFIED CORRECT**  
**(SURNAME AND INITIALS OF EA)**  
**GEKONTROLEER EN AS KORREK**  
**GESERTIFISEER (VAN EN VOORLETTERS**  
**VAN EA)**

**This answer book consists of 23 pages./Hierdie antwoordeboek bestaan uit 23 bladsye.**

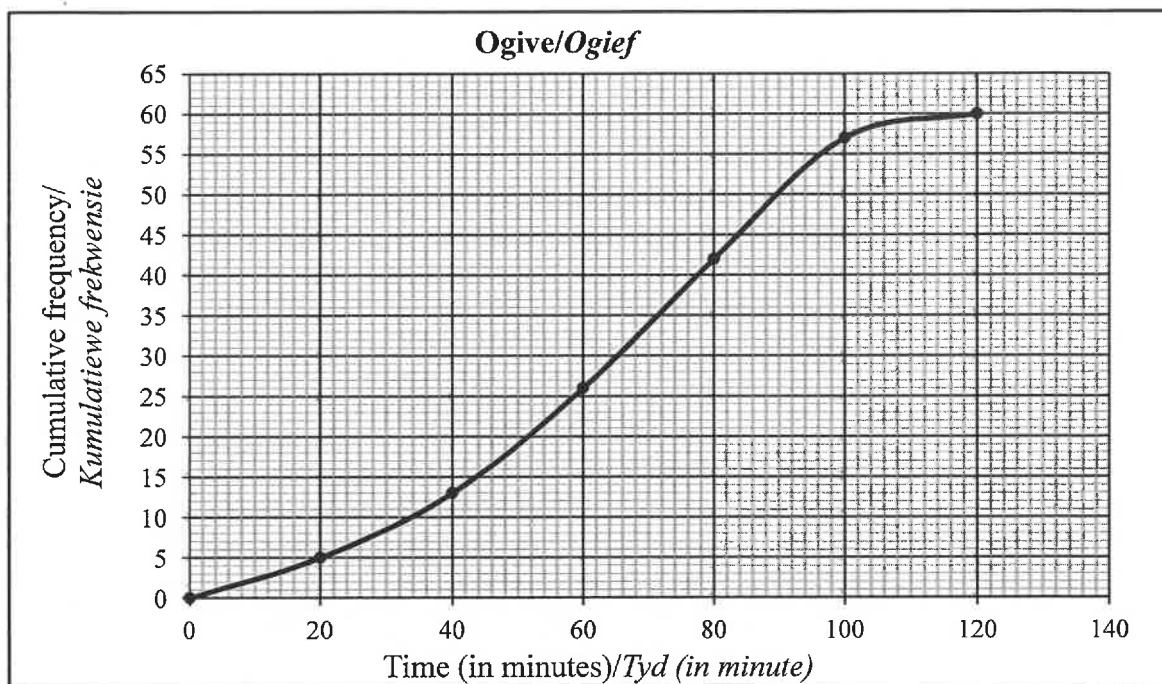
PLEASE FOLLOW THESE INSTRUCTIONS CAREFULLY	VOLG ASSEBLIEF HIERDIE INSTRUKSIES NOUKEURIG
1. Clearly write your examination number and centre number in the space provided and attach your barcode label in the space provided.	1. Skryf jou eksamennommer en sentrumnummer duidelik in die ruimtes soos verskaf en plak jou stafieskodeplakker in die ruimte soos verskaf.
2. Remember that your own name (or the name of your school) may not appear anywhere on or in this answer book.	2. Onthou dat jou eie naam (of die naam van jou skool) nie op of in hierdie antwoordeboek mag voorkom nie.
3. Answer ALL questions in the spaces provided.	3. Beantwoord ALLE vrae in die ruimtes wat voorsien is.
4. No pages may be torn from this answer book.	4. Geen bladsye mag uit hierdie antwoordeboek geskeur word nie.
5. Read the instructions printed on your timetable carefully as well as any other instructions which may be given in each examination paper.	5. Lees die instruksies wat op jou eksamenrooster gedruk is, sorgvuldig deur, asook enige ander instruksies wat op elke eksamen vraestel gegee word.
6. Candidates may not retain an answer book or remove it from the examination room.	6. Geen antwoordeboek mag deur die kandidaat behou of uit die eksamenlokaal verwyder word nie.
7. Answers must be written in black/blue ink as distinctly as possible. Do not write in the margins.	7. Skryf die antwoorde so duidelik moontlik met swart/blou ink. Laat die kantlyne oop.
8. Write the numbers of the questions you have answered on the front cover of the answer book where marks are to be recorded.	8. Skryf die nommers van die vrae wat jy beantwoord het op die voorblad van die antwoordeboek waar die punte aangebring word.
9. If you require additional space for your answers:	9. In geval jy addisionele ruimte benodig vir jou antwoorde:
9.1 Use the additional space provided at the end of the answer book.	9.1 Gebruik die addisionele ruimte wat aan die einde van die antwoordeboek voorsien word.
9.2 When answering a question in the additional space, indicate clearly the question number in the column on the LHS.	9.2 As 'n vraag in die addisionele ruimte beantwoord word, dui duidelik die vraagnommer in die kolom aan die LK aan.
9.3 Rule off after each answer.	9.3 Trek 'n lyn na elke antwoord.
10. Draw a neat line through any work/rough work that must not be marked.	10. Trek 'n netjiese lyn deur enige werk/rofwerk wat nie nagesien moet word nie.

**QUESTION/VRAAG 1 ..**

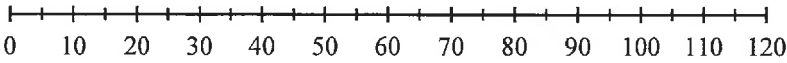
<b>Weight (in kg)/ Gewig (in kg) (x)</b>	34	32	40	27	33	28	27	55	39	44	30	57	28	32	31
<b>Number of push-ups per minute/Getal opstote per minuut (y)</b>	26	21	6	20	16	26	23	7	18	14	17	8	28	25	20

	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
1.1		(3)
1.2		(1)
1.3		(2)
1.4		(1)
1.5		(1)
1.6		(2)
		<b>[10]</b>

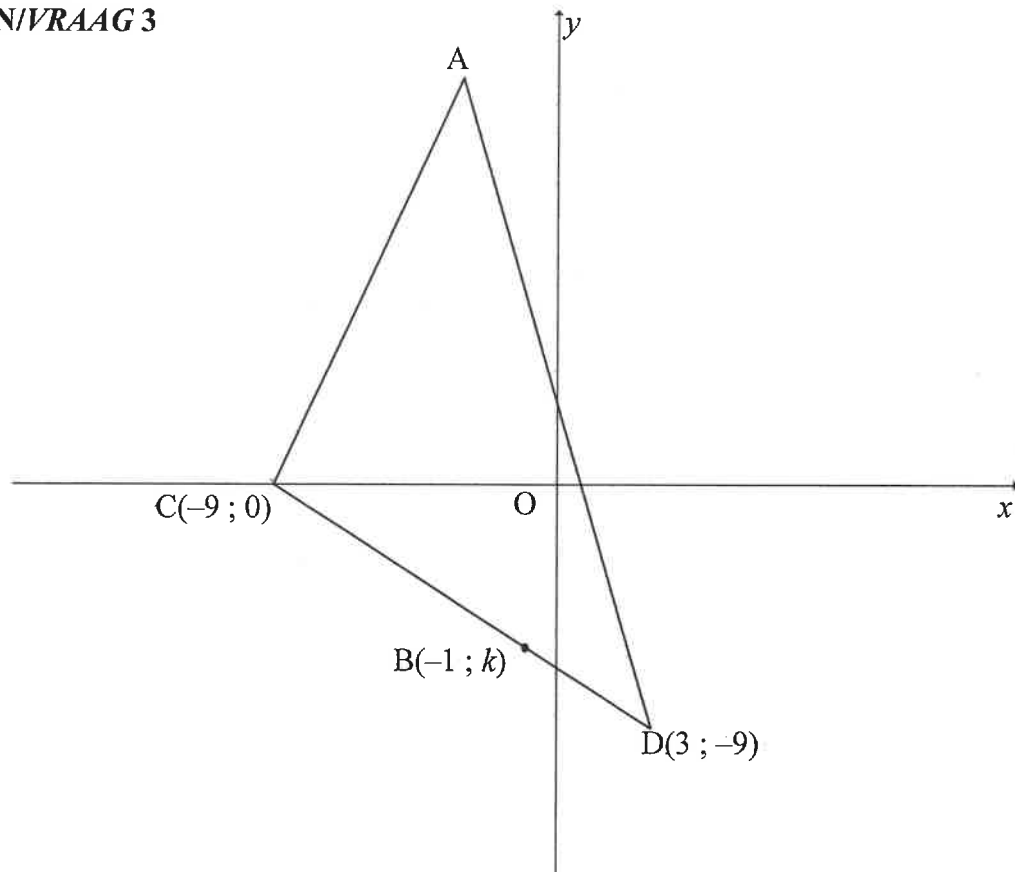
## QUESTION/VRAAG 2



	Solution/Oplossing	Marks Punte
2.1		(1)
2.2		(1)
2.3		(2)

	<b>Solution/Oplossing</b>	<b>Marks Punte</b>
2.4		(2)
2.5	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	(2)
2.6	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	(2)
		<b>[10]</b>

**QUESTION/VRAAG 3**



	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
3.1		(2)
3.2		(2)

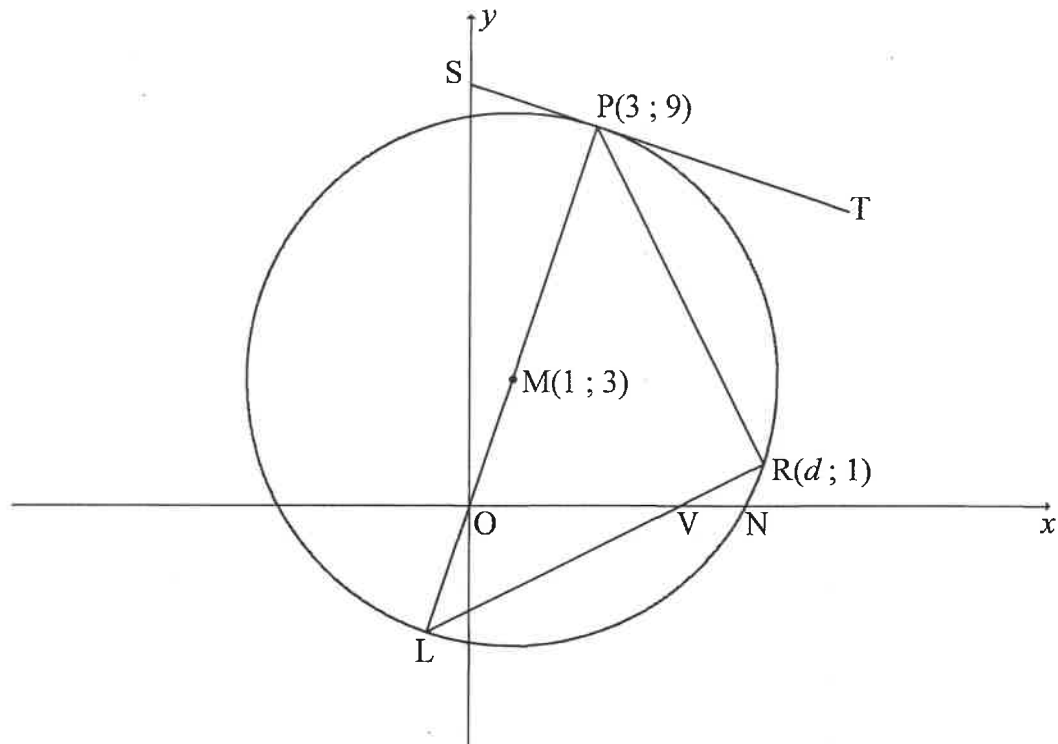


	<b>Solution/Oplossing</b>	<b>Marks Punte</b>
3.3		(1)
3.4		(2)
3.5		(2)
3.6		(4)



	<b>Solution/Oplossing</b>	<b>Marks Punte</b>
3.7		
		(6)
		[19]

**QUESTION/VRAAG 4**



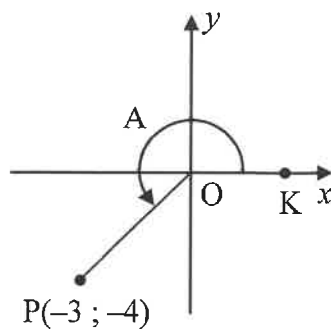
	Solution/Oplissing	Marks Punte
4.1		(2)
4.2		(4)

	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
4.3		(4)
4.4		(2)
4.5		(5)

	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
4.6		
		(3)
		[20]

## QUESTION/VRAAG 5

5.1



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

	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
5.2		
		(4)
		[12]

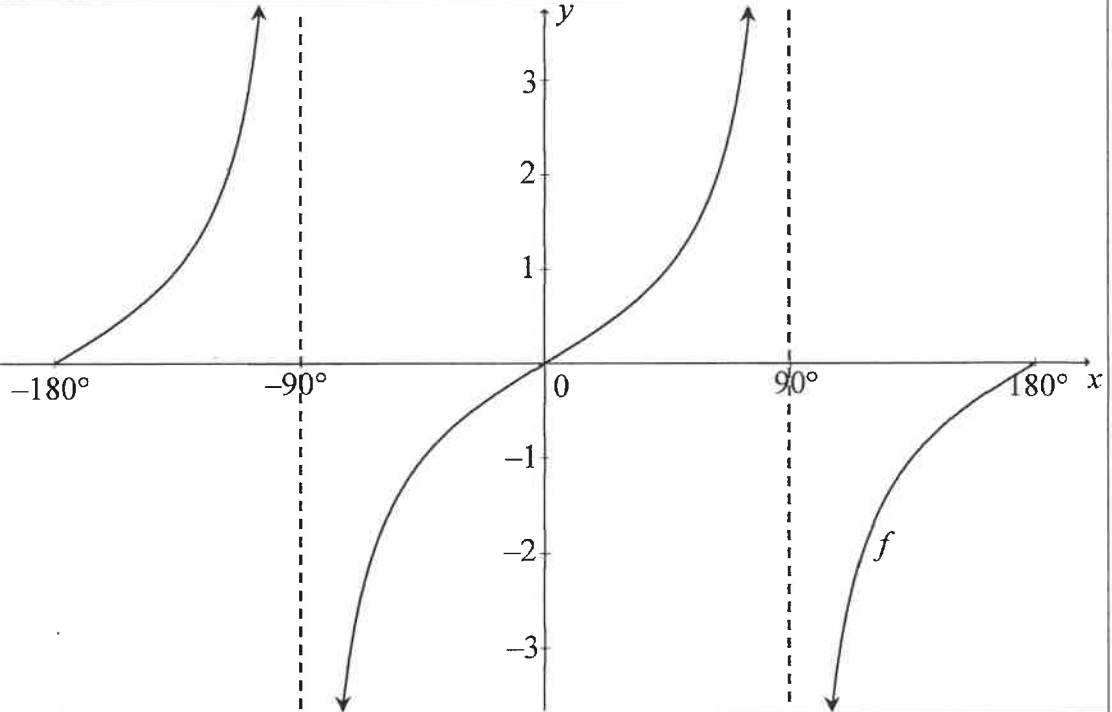
**QUESTION/VRAAG 6**

	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
6.1.1		(2)
6.1.2		(6)



	<b>Solution/Oplissing</b>	<b>Marks Punte</b>
6.2		
		(6)
6.3.1		
		(3)
6.3.2		
		(1)
		<b>[18]</b>

**QUESTION/VRAAG 7**

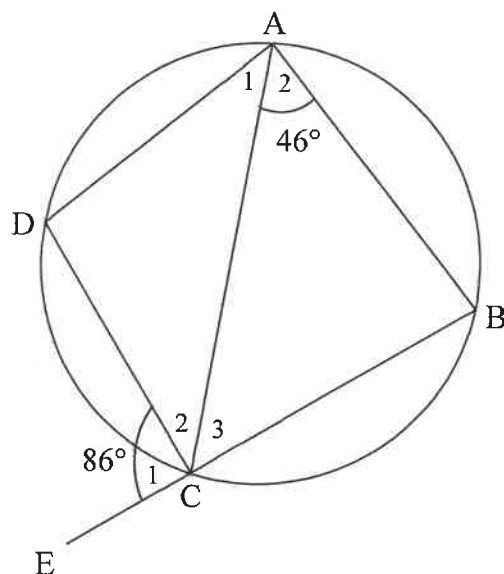
	<b>Solution/Oplossing</b>	<b>Marks Punte</b>
7.1		(1)
7.2		(2)
7.3.1		(1)
7.3.2		(3)
7.4		(4)
		<b>[11]</b>



Provide reasons for your statements in QUESTIONS 9, 10 and 11.

Verskaf redes vir jou bewerings in VRAAG 9, 10 en 11.

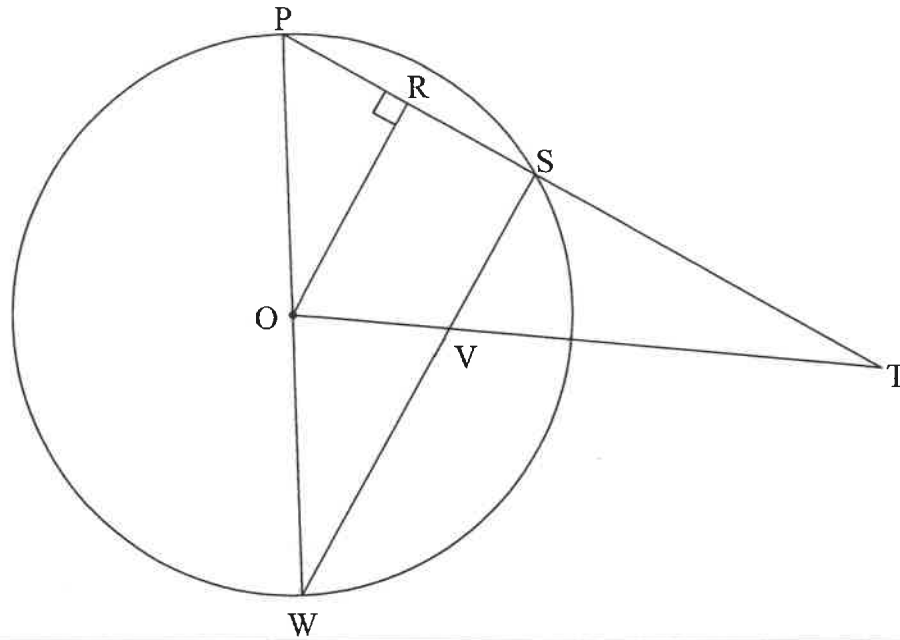
**QUESTION/VRAAG 9**



	Solution/Oplossing	Marks Punte
9.1		(2)
9.2		(4)
		[6]



10.2



	Solution/Oplissing	Marks Punte
10.2.1		(5)
10.2.2		(4)
		[15]





[20]



RE-MARK/RE-CHECK HERMERK/HERSIEN				
Question Vraag	Marks Punte			Initials Voorletters
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
TOTAL TOTAAL				
HASH TOTAL KAF- TOTAAL				