



basic education

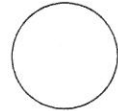
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

Candidate Barcode Sticker/*Kandidaat-stafiekodeplakker*

SENIOR CERTIFICATE EXAMINATIONS/ *SENIORSERTIFIKAAT-EKSAMEN*

MATHEMATICS P2/*WISKUNDE V2*

ANSWER BOOK/*ANTWOORDEBOEK*



Sequence No. on mark sheet
Volgnommer op puntestaaf

CENTRE NUMBER <i>SENTRUMNUMMER</i>																				
---------------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

EXAMINATION NUMBER <i>EKSAMENNUMMER</i>																				
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

DATE <i>DATUM</i>																				
----------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

BOOK NUMBER <i>BOEKNOMMER</i>																				
----------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SUBJECT CODE <i>VAKKODE</i>																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

MARKER/NASIENER			MODERATOR'S INITIALS IN RELEVANT BLOCK <i>MODERATORPARAAF IN BETROKKE BLOKKIE</i>					
Question <i>Vraag</i>	Marks <i>Punte</i>	Marker's Code and Initials <i>Nasienerkode en -paraaf</i>	Marks <i>Punte</i>	SM	DCM	CM	IM	EM
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

RE-MARK/RE-CHECK <i>HERNASIEN/HERKONTROLEER</i>		
Question <i>Vraag</i>	Marks <i>Punte</i>	Initials <i>Paraaf</i>
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		

CONTROLLED AND CERTIFIED AS CORRECT (SURNAME AND INITIALS OF EA)
GERKONTROLEER EN AS KORREK GESERTIFISEER (VAN EN VOORLETTERS VAN EA)

This answer book consists of 31 pages./*Hierdie antwoordeboek bestaan uit 31 bladsye.*

**FOLLOW THESE
INSTRUCTIONS CAREFULLY**

**VOLG HIERDIE INSTRUKSIES
NOUKEURIG**

- | | |
|--|---|
| 1. Write your centre number and examination number clearly in the spaces provided and paste your barcode sticker in the space provided. | 1. Skryf jou sentrumnommer en eksamennommer duidelik in die ruimtes wat voorsien is en plak jou stafiekodeplakker in die ruimte wat voorsien is. |
| 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) nêrens op of in hierdie ANTWOORDEBOEK mag voorkom nie. |
| 3. Answer ALL the questions in the spaces provided. | 3. Beantwoord AL die vrae in die ruimtes wat voorsien is. |
| 4. Do not remove any pages from this ANSWER BOOK. | 4. Moenie enige bladsye uit hierdie ANTWOORDEBOEK verwyder nie. |
| 5. Read the instructions printed on your timetable carefully as well as any other instructions that may be given in the question paper. | 5. Lees die instruksies wat op jou eksamenrooster gedruk is, sorgvuldig deur, asook enige ander instruksies wat in die vraestel gegee word. |
| 6. You may not retain the ANSWER BOOK or remove it from the examination room. The ANSWER BOOK must be returned to the invigilator at the end of the examination session. | 6. Jy mag nie die ANTWOORDEBOEK hou of uit die eksamenlokaal verwyder nie. Die ANTWOORDEBOEK moet aan die toesighouer terugbesorg word aan die einde van die eksamensessie. |
| 7. You may use blue/black ink to write the answers. | 7. Jy mag blou/swart ink gebruik om die antwoorde te skryf. |
| 8. Do not write in the margins. | 8. Moenie in die kantlyn skryf nie. |
| 9. Draw a neat line through any work/rough work that must not be marked. | 9. Trek 'n netjiese lyn deur enige werk/rofwerk wat nie nagesien moet word nie. |
| 10. If you use the additional space provided: | 10. Indien jy die addisionele ruimte wat voorsien word, gebruik: |
| 10.1 Write down the question number. | 10.1 Skryf die vraagnommer neer. |
| 10.2 Leave a line and rule off after the answer. | 10.2 Laat 'n reël oop en trek 'n lyn na jou antwoord. |

QUESTION/VRAAG 1

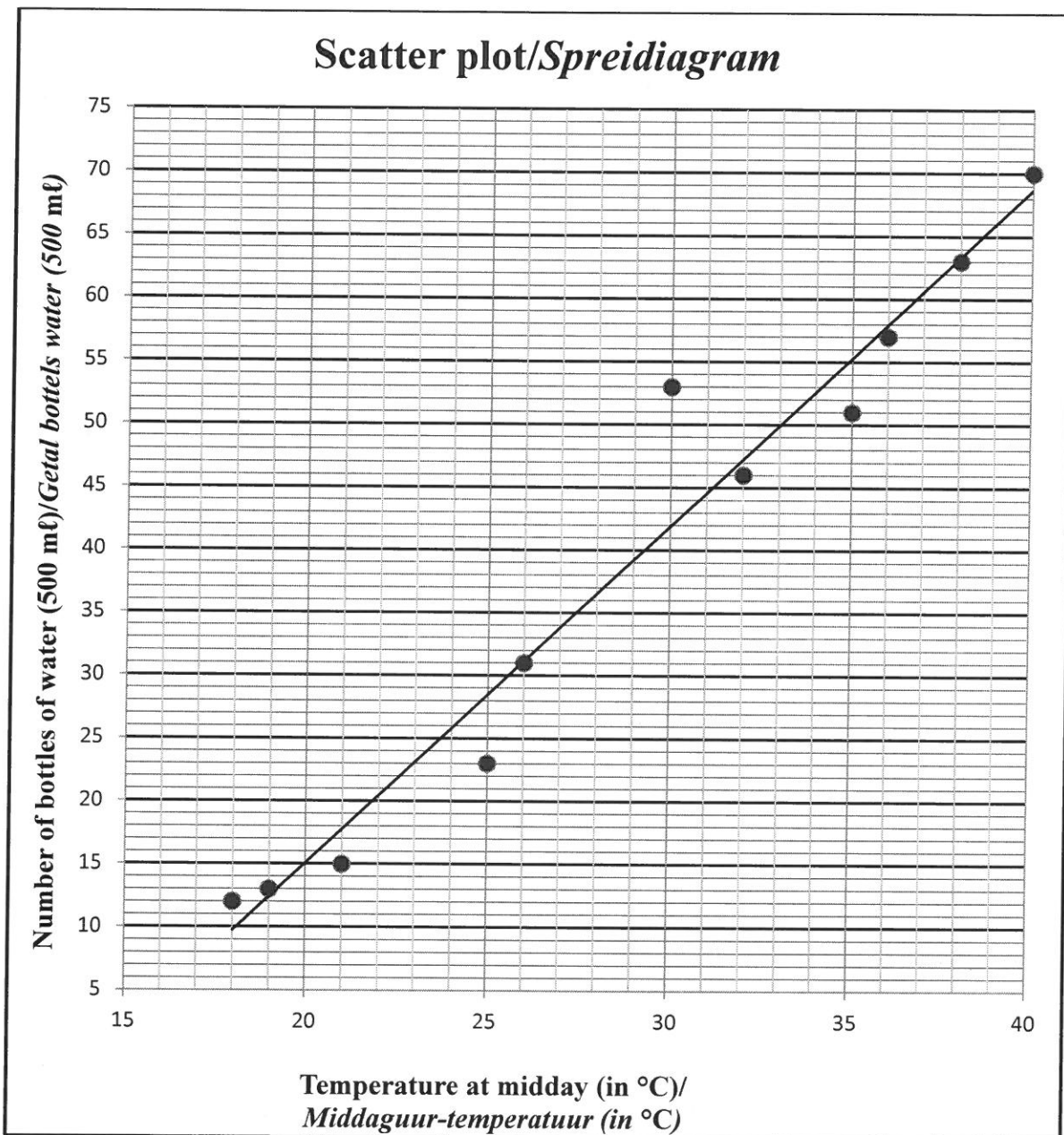
8	8	10	12	16	19	20	21	24	25	26
---	---	----	----	----	----	----	----	----	----	----

	Solution/Oplissing	Marks Punte
1.1		(2)
1.2		(3)
1.3		(2)

1.4		(1)
1.5		(2)
1.6		(2)
		(2)
		[12]

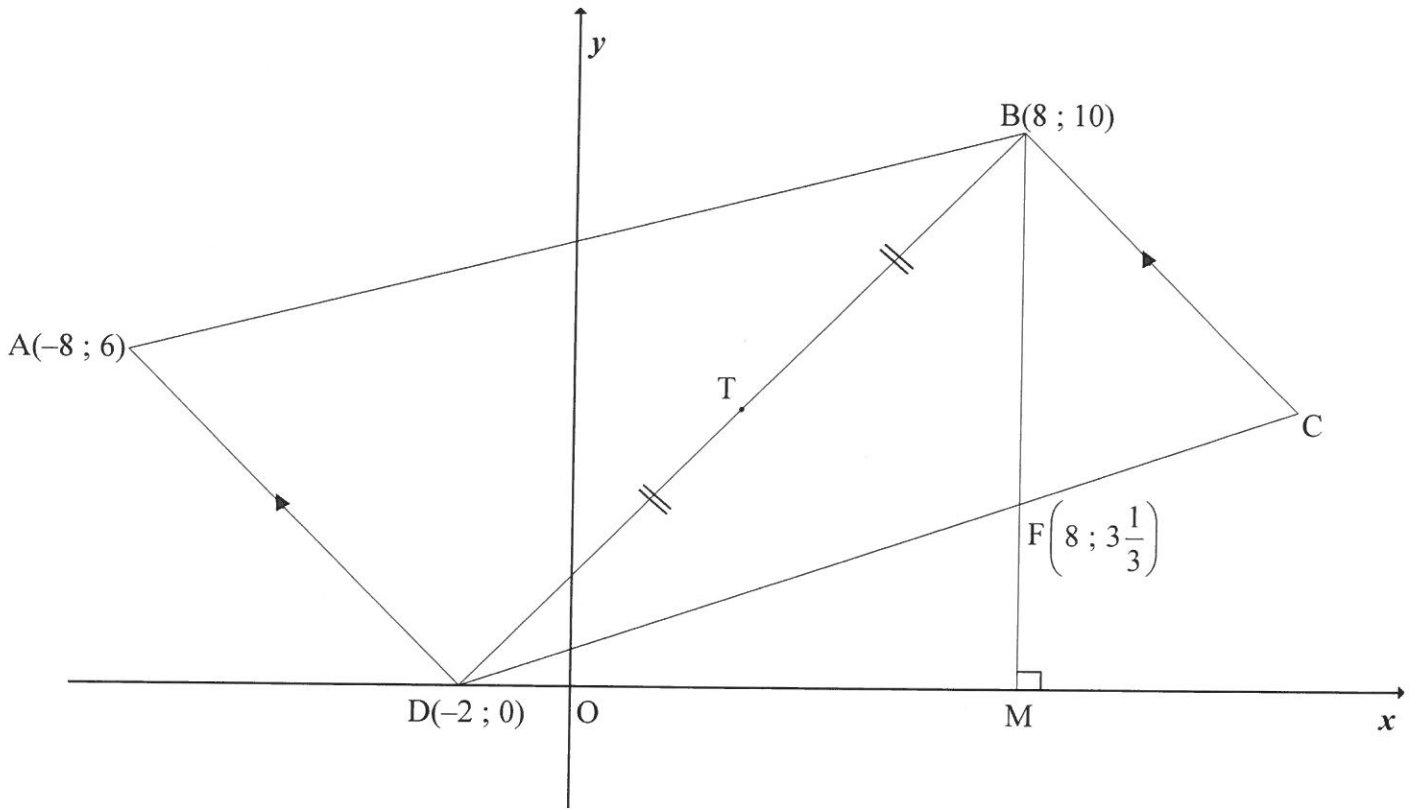
QUESTION/VRAAG 2

Temperature at midday (in °C) <i>Middaguur-temperatuur (in °C)</i>	18	21	19	26	32	35	36	40	38	30	25
Number of bottles of water (500 ml) <i>Getal bottels water (500 ml)</i>	12	15	13	31	46	51	57	70	63	53	23



	Solution/Oplissing	Marks Punte
2.1		(1)
2.2		(3)
2.3		(2)
2.4		(2)
2.5		(1)
		[9]

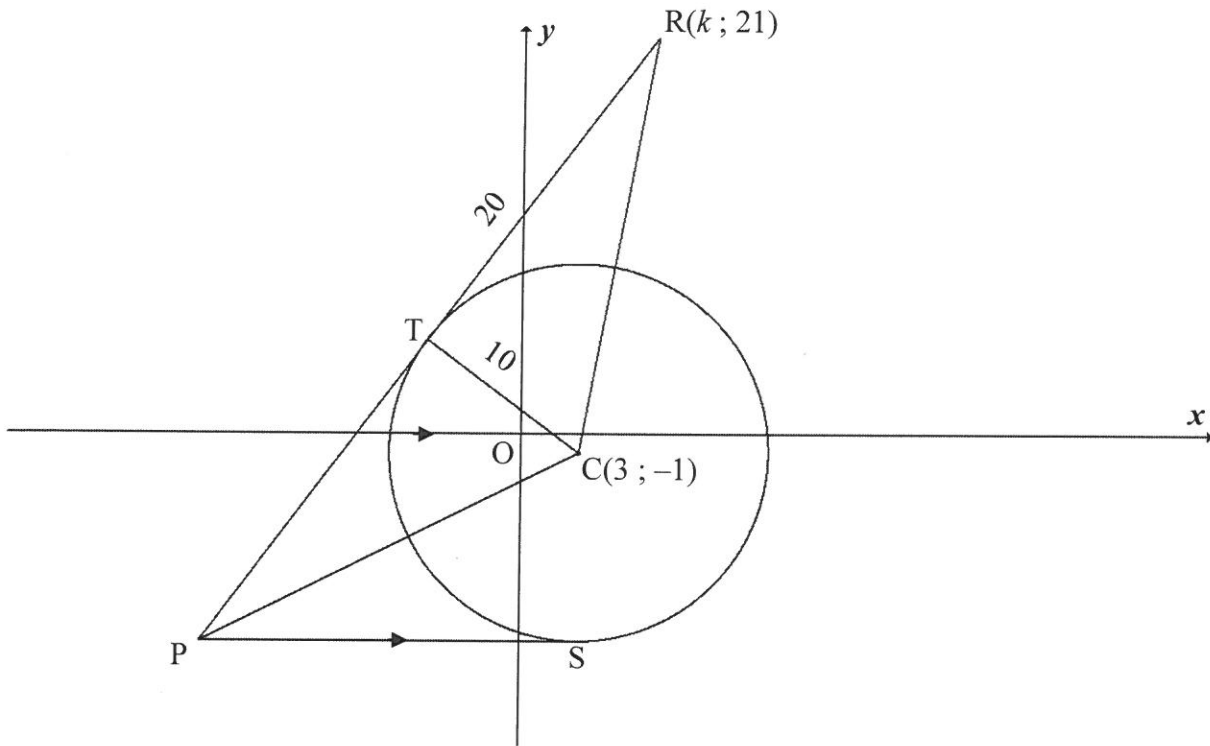
QUESTION/VRAAG 3



	Solution/Oplissing	Marks Punte
3.1		
		(2)
3.2		
		(3)

	Solution/Oplissing	Marks Punte
3.3		(3)
3.4		(2)
3.5		(3)
3.6		(5)
		[18]

QUESTION/VRAAG 4

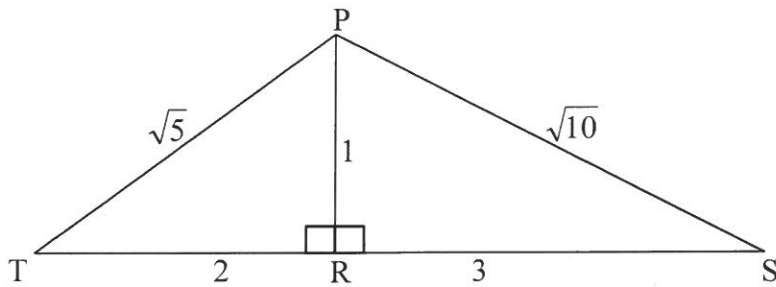


	Solution/Oplissing	Marks Punte
4.1		(1)
4.2		(2)

	Solution/Oplissing	Marks Punte
4.3		(4)
4.4		(2)
4.5		(2)
4.6.1		(2)

	Solution/Oplissing	Marks Punte
4.6.2		(3)
4.7.1		(1)
4.7.2		(1)
4.7.3		(3)
		[21]

QUESTION/VRAAG 5

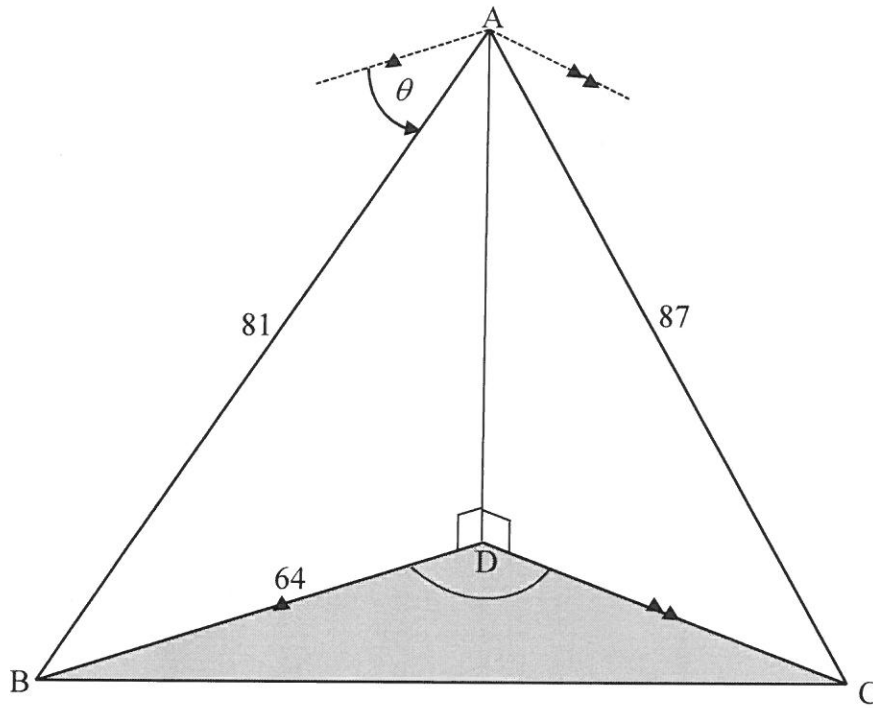


	Solution/Oplissing	Marks Punte
5.1.1(a)		(1)
5.1.1(b)		(1)
5.1.2		(5)

	Solution/Oplissing	Marks Punte
5.2		(6)
5.3		(5)
		[18]

	Solution/Oplissing	Marks Punte
6.2.2		(2)
6.2.3		(2)
		[13]

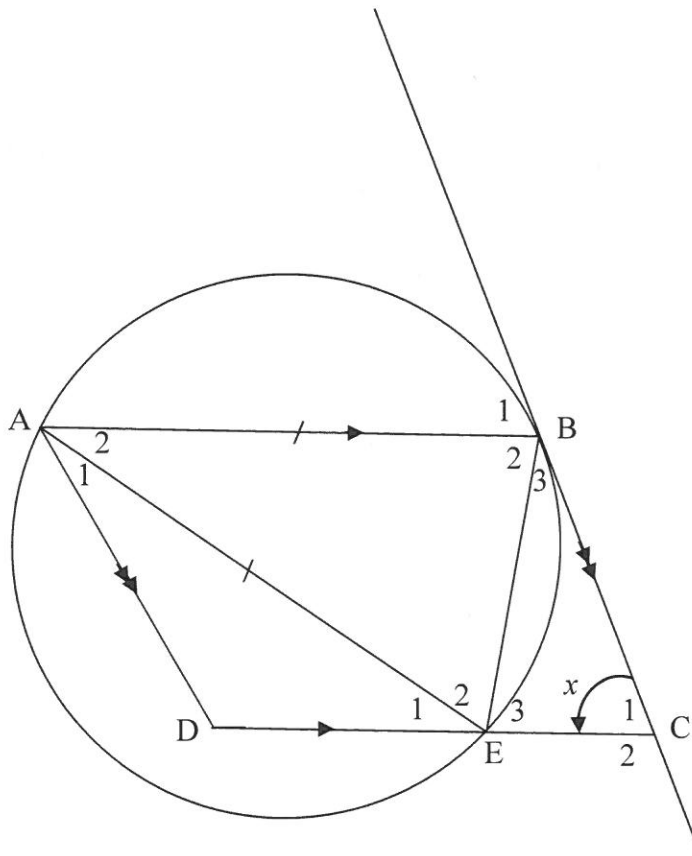
QUESTION/VRAAG 7



	Solution/Oplissing	Marks Punte
7.1		(3)
7.2		(3)

	Solution/Oplissing	Marks Punte
8.1.2		(2)
8.1.3		(2)
8.1.4		(2)

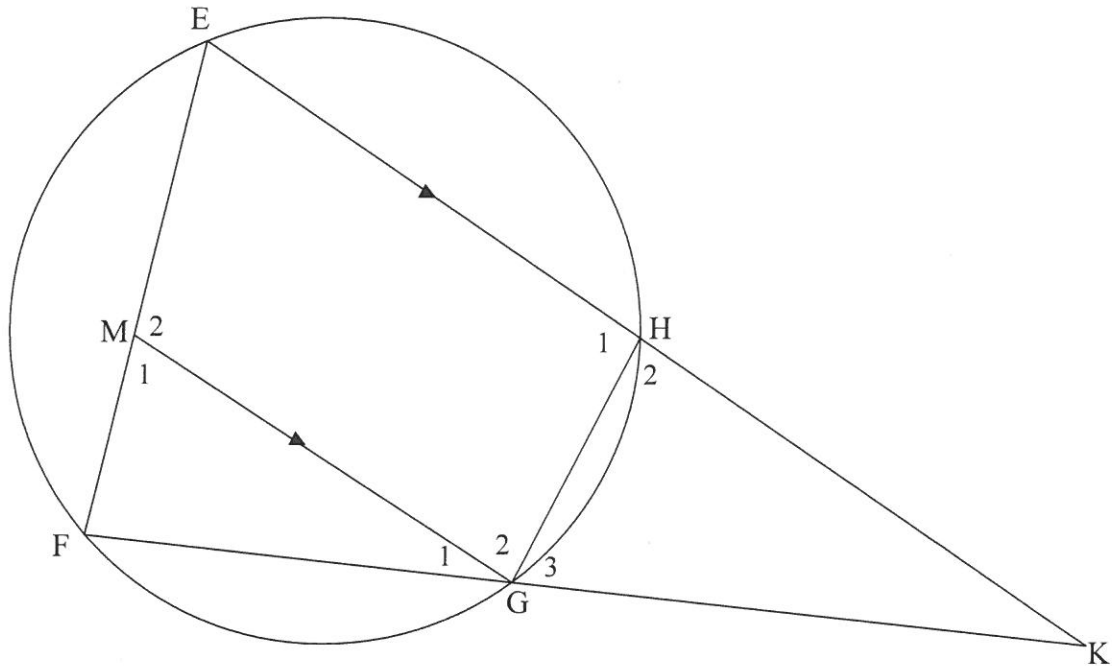
8.2



	Solution/Oplissing	Marks Punte
8.2.1		(1)
8.2.2		(6)

	Solution/Oplissing	Marks Punte
9.2.2		(4)
9.2.3		(4)
		[13]

10.2



	Solution/Oplissing	Marks Punte
10.2.1(a)		
		(4)
10.2.1(b)		
		(2)

