

EXAMINATION NUMBER: <i>EKSAMENNOMMER:</i>																			
CENTRE NUMBER: <i>SENTRUMNOMMER:</i>																			

**NATIONAL SENIOR CERTIFICATE/
*NASIONALE SENIOR SERTIFIKAAT***

MATHEMATICS P2/*WISKUNDE V2*

GRADE/*GRAAD* 12

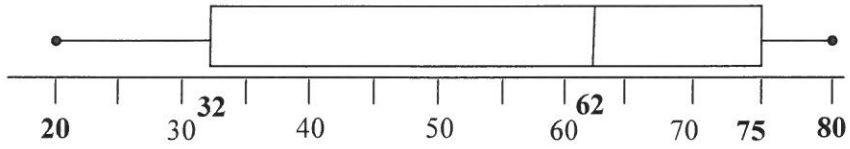
FEBRUARY/*MARCH*/FEBRUARIE/*MAART* 2016

**SPECIAL ANSWER BOOK/
*SPESIALE ANTWOORDEBOEK***

QUESTION/ <i>VRAAG</i>	MARK/ <i>PUNT</i>	INITIAL/ <i>PARAAF</i>	MOD.	REMARK/ <i>PUNT</i>	INITIAL/ <i>PARAAF</i>
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
TOTAL/ <i>TOTAAL</i> (150)					

**This answer book consists of 25 pages./
*Hierdie antwoordeboek bestaan uit 25 bladsye.***

QUESTION/VRAAG 1

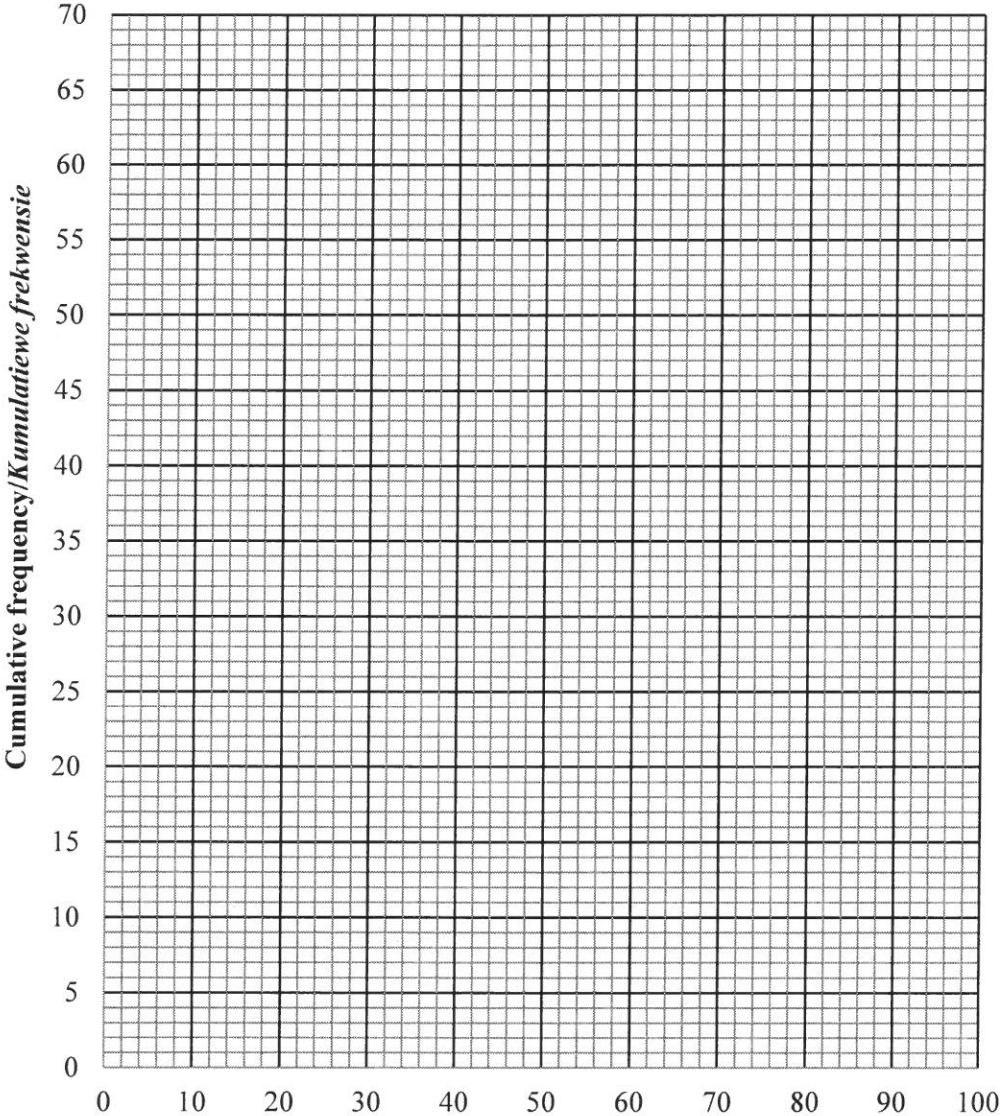


	Solution/Oplissing	Marks/Punte									
1.1		(1)									
1.2		(2)									
1.3		(2)									
1.4	<table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%;">28</td> <td style="width: 10%;">36</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;">69</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> </table>		28	36			69				(6)
	28	36			69						
		[11]									

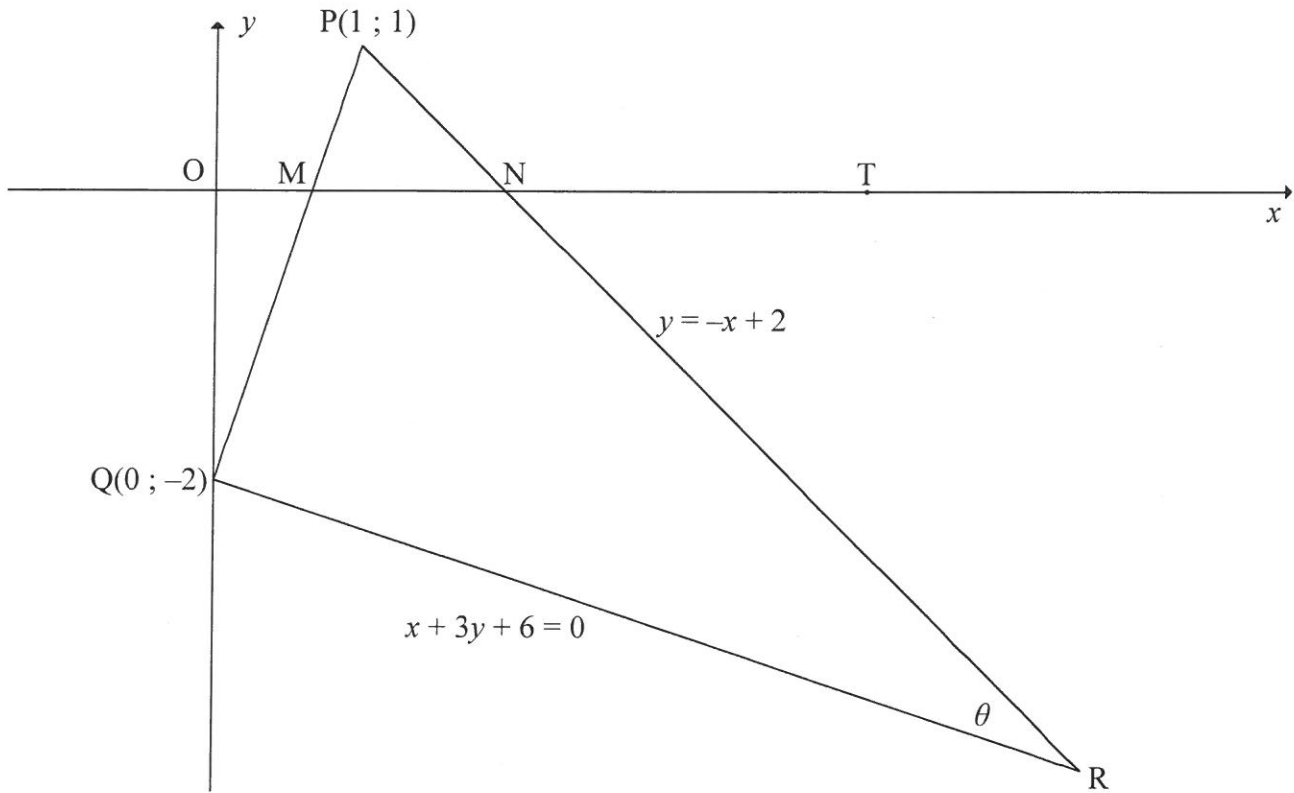
QUESTION/VRAAG 2

NUMBER OF MESSAGES/ GETAL BOODSKAPPE	NUMBER OF DAYS/ GETAL DAE
$10 < x \leq 20$	2
$20 < x \leq 30$	8
$30 < x \leq 40$	5
$40 < x \leq 50$	10
$50 < x \leq 60$	12
$60 < x \leq 70$	18
$70 < x \leq 80$	3
$80 < x \leq 90$	2

	Solution/Oplissing	Marks/ Punte
2.1		
		(3)

	Solution/Oplissing	Marks/ Punte
2.2	<p style="text-align: center;">OGIVE/OGIEF</p> 	(4)
2.3	<hr/> <hr/> <hr/> <hr/>	(2)
		[9]

QUESTION/VRAAG 3



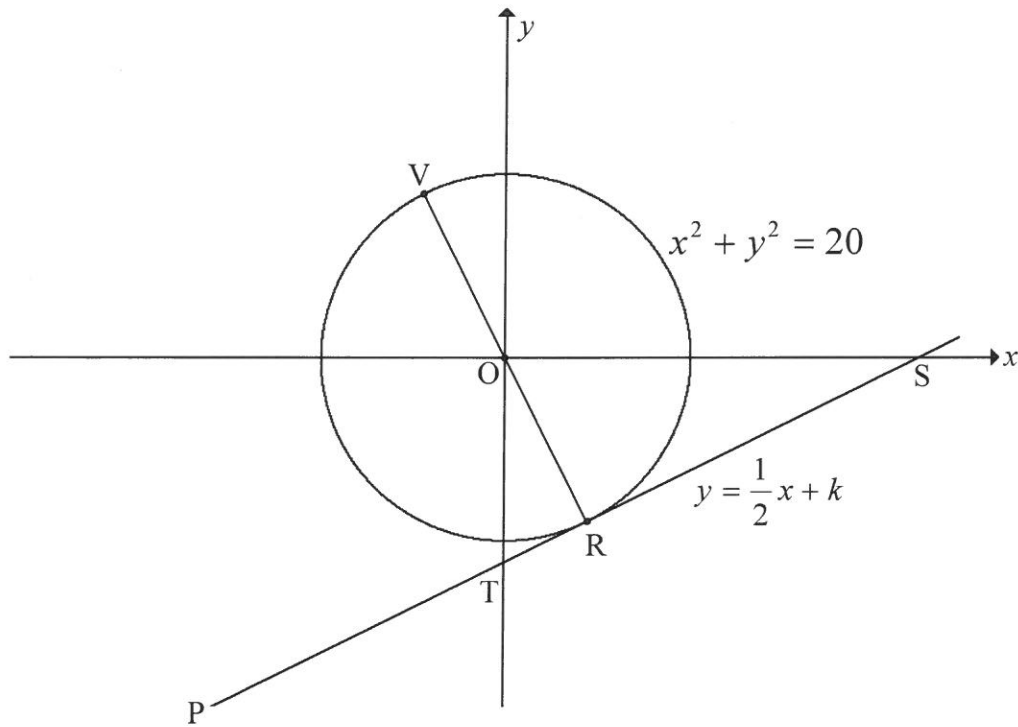
	Solution/Oplissing	Marks/Punte
3.1		(2)
3.2		(2)

	Solution/Oplossing	Marks/ Punte
3.3		(3)
3.4		(2)
3.5		(6)
3.6		(3)

	Solution/Oplossing	Marks/ Punte
3.7		
		(5) [23]

	Additional space/Bykomende ruimte	Marks/ Punte

QUESTION/VRAAG 4

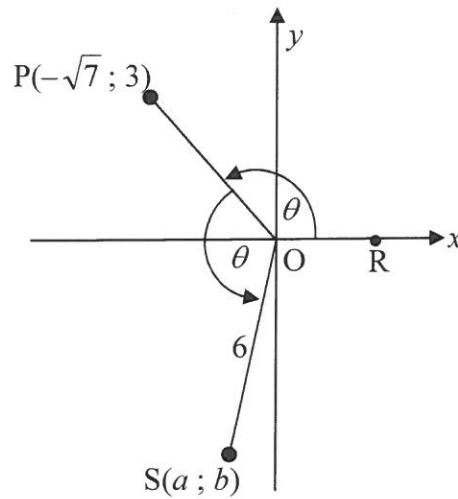


	Solution/Oplissing	Marks/Punte
4.1		(3)
4.2		(4)

	Solution/Oplossing	Marks/ Punte
4.3		
4.4		(6)
		(4)
		[17]

QUESTION/VRAAG 5

5.1



	Solution/Oplissing	Marks/Punte
5.1.1		(1)
5.1.2		(3)
5.1.3		(4)

	Solution/Oplossing	Marks/ Punte
5.2.1		
		(3)
5.2.2		
		(2)
		[13]

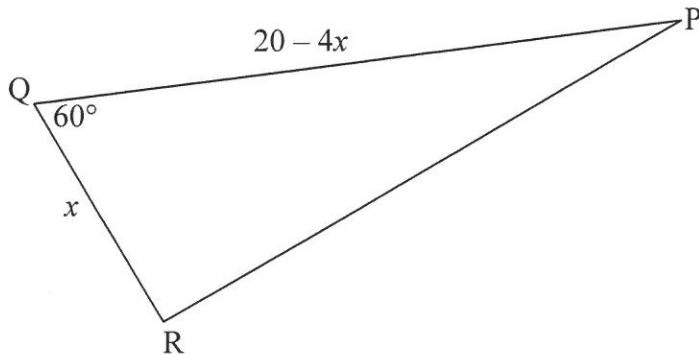
	Additional space/Bykomende ruimte	Marks/ Punte

	Solution/Oplissing	Marks/ Punte
6.3.1		(3)
6.3.2	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	(3)
		[13]

	Additional space/Bykomende ruimte	Marks/ Punte
	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	

QUESTION/VRAAG 7

7.1

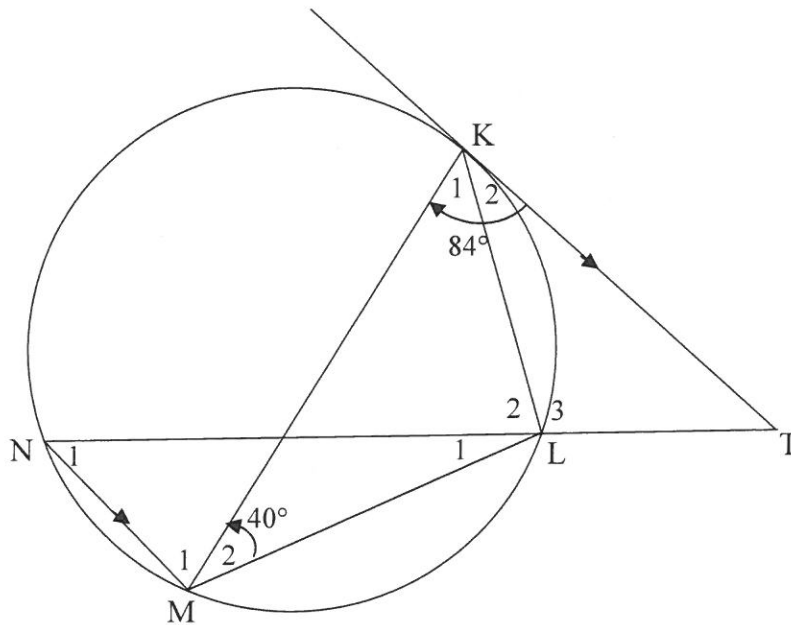


	Solution/Oplissing	Marks/Punte
7.1.1		(2)
7.1.2		(3)
7.1.3		(3)

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

QUESTION/VRAAG 8

8.1

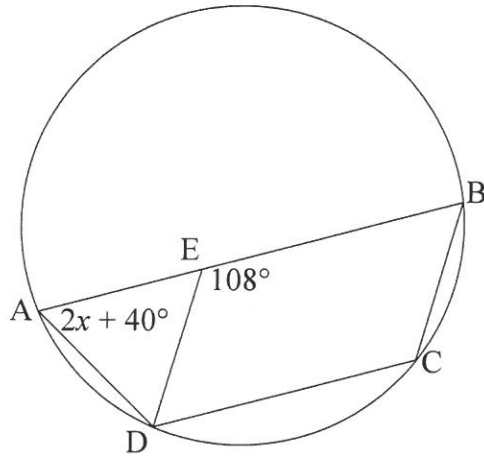


	Solution/Oplissing	Marks/Punte
8.1.1		
		(2)
8.1.2		
		(3)
8.1.3		
		(2)

	Solution/Oplossing	Marks/ Punte
8.1.4		(2)
8.1.5		(1)

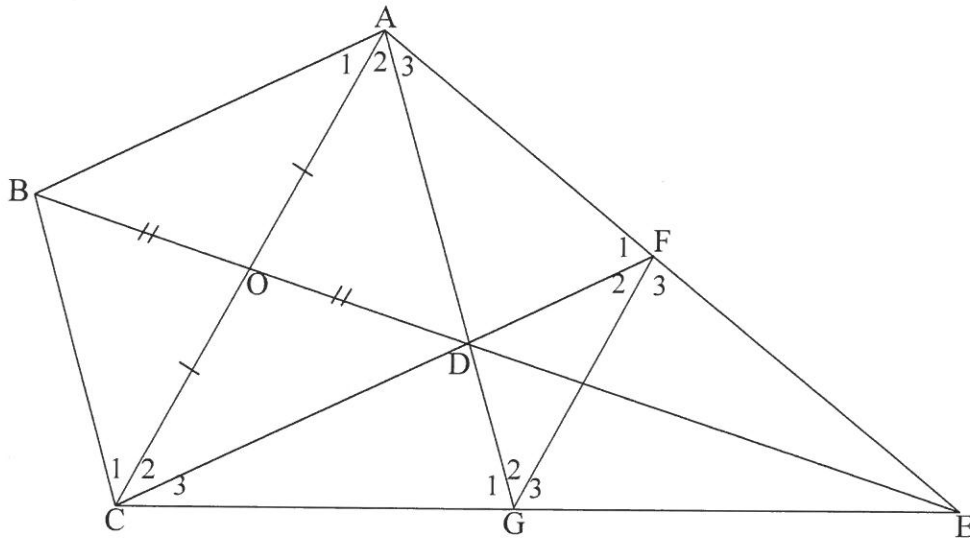
	Additional space/Bykomende ruimte	Marks/ Punte

8.2



	Solution/Oplissing	Marks/ Punte
8.2		
		(5) [15]

QUESTION/VRAAG 9



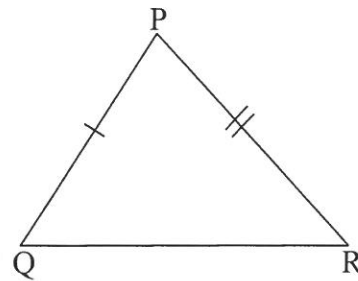
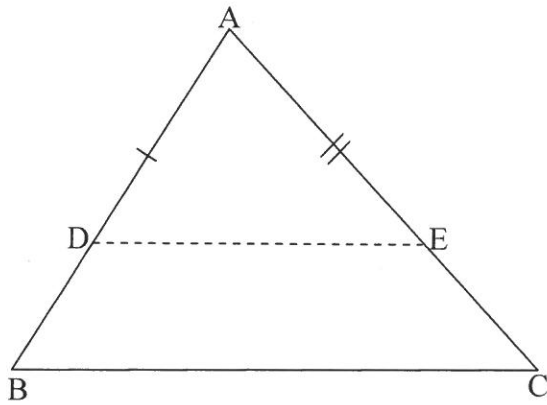
	Solution/Oplissing	Marks/Punte
9.1		(1)
9.2		(4)
9.3		(5)

	Solution/Oplossing	Marks/ Punte
9.4		
		(3)
		[13]

	Additional space/Bykomende ruimte	Marks/ Punte

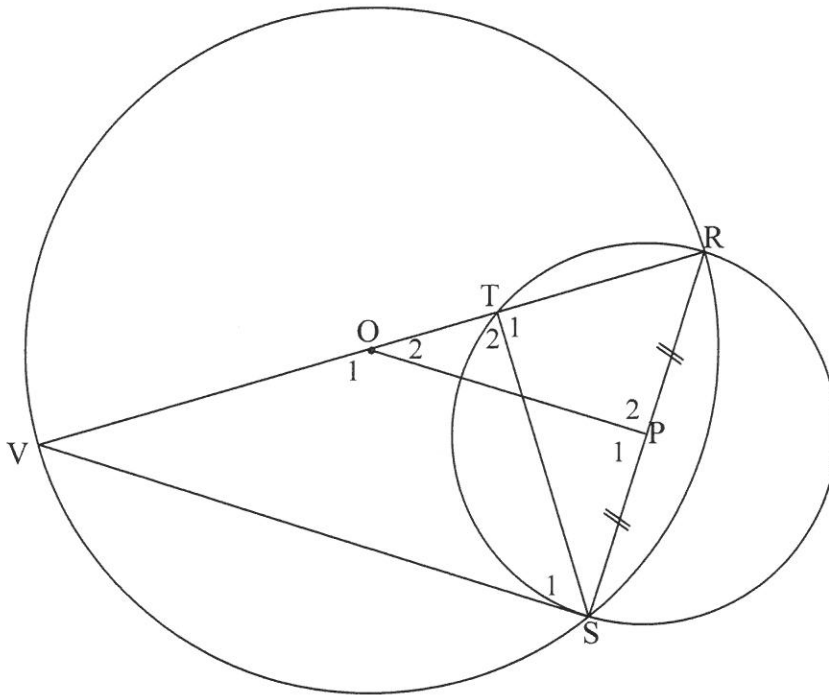
QUESTION/VRAAG 10

10.1



	Solution/Oplissing	Marks/Punte
10.1.1		(2)
10.1.2		(3)
10.1.3		(2)

10.2



	Solution/Oplissing	Marks/Punte
10.2.1		(1)
10.2.2		(4)

	Solution/Oplossing	Marks/ Punte
10.2.3		
		(3)
10.2.4		
		(6)
		[21]

