



LEARNER NAME
LEERDER NAAM

NATIONAL SENIOR CERTIFICATE
NASIONALE SENIOR SERTIFIKAAT

MATHEMATICS P2 / WISKUNDE V2

GRADE 11 / GRAAD 11

NOVEMBER 2016

SPECIAL ANSWER BOOK
SPESIALE ANTWOORDEBOEK

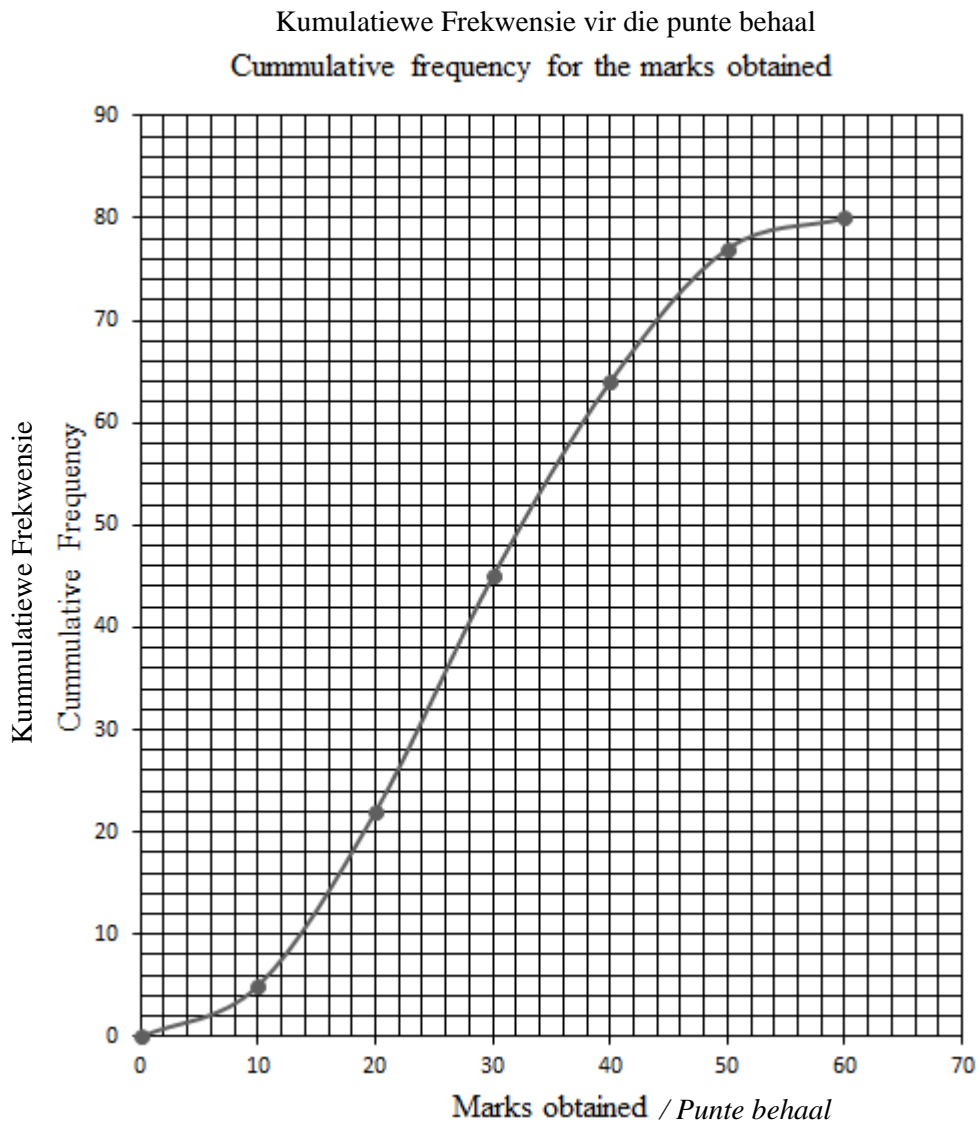
QUESTION / VRAAG	MARK / PUNT	INITIAL / PARAF.	MOD./ GEMOD.
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
TOTAL/TOTAAL			



This answer book consists of 22 pages. /
Hierdie antwoordboek bestaan uit 22 bladsye.

QUESTION 1 /VRAAG 1		
1.1.1		(1)
1.1.2		(3)
1.1.3		(2)
1.1.4		(2)
1.2		(3)
		[11]
<i>Additional space / Bykomende ruimte</i>		

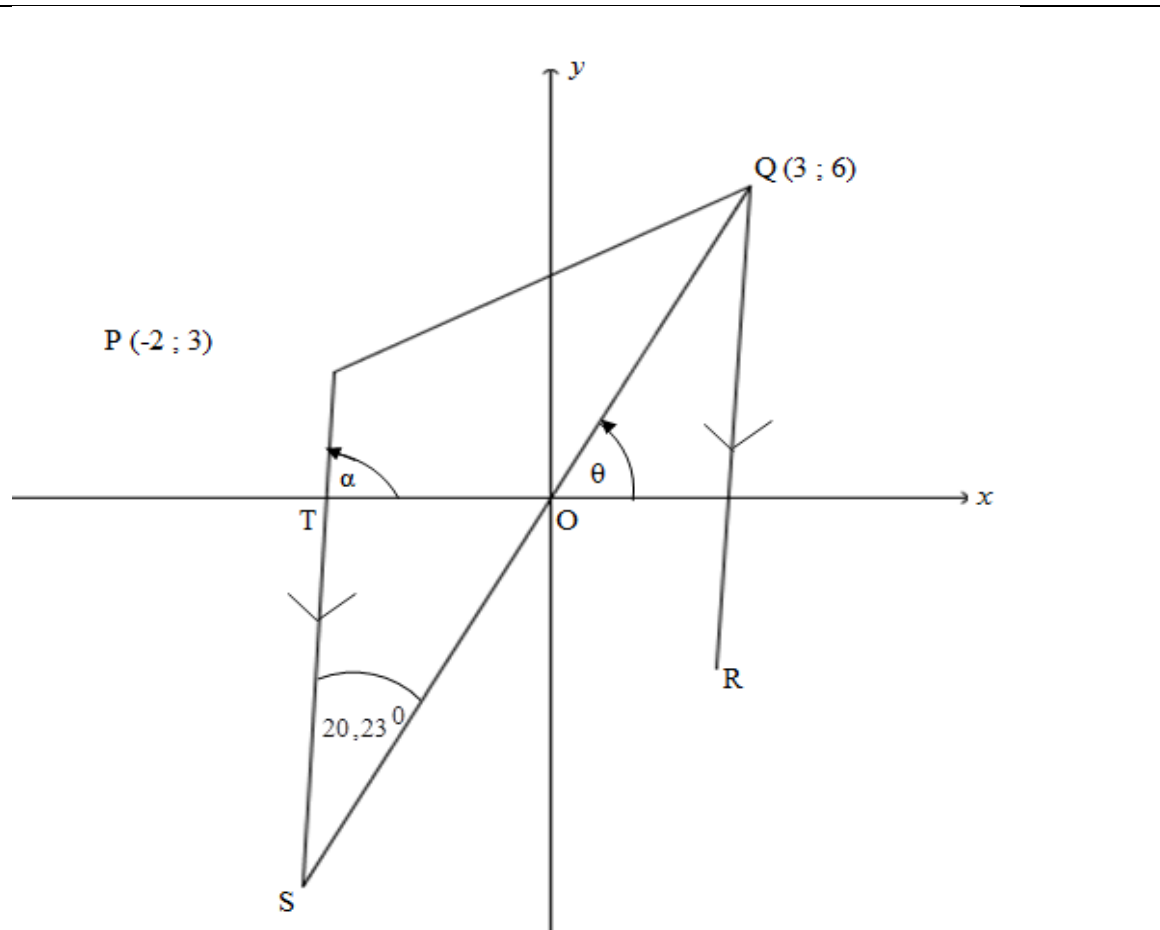
QUESTION 2 / VRAAG 2



2.1		
		(1)
2.2		
		(2)
2.3		
		(2)

2.4	Marks obtained / <i>Punte behaal</i>		Frequency / <i>Frekwensie</i>	(5)
	0 < x ≤ 10			
	10 < x ≤ 20			
	20 < x ≤ 30			
	30 < x ≤ 40			
	40 < x ≤ 50			
	50 < x ≤ 60			
	2.5			
				[11]
<i>Additional space / Bykomende ruimte</i>				

QUESTION 3 / VRAAG 3



3.1

(2)

3.2

(2)

3.3.1		(4)
3.3.2		(3)
3.4		(4)

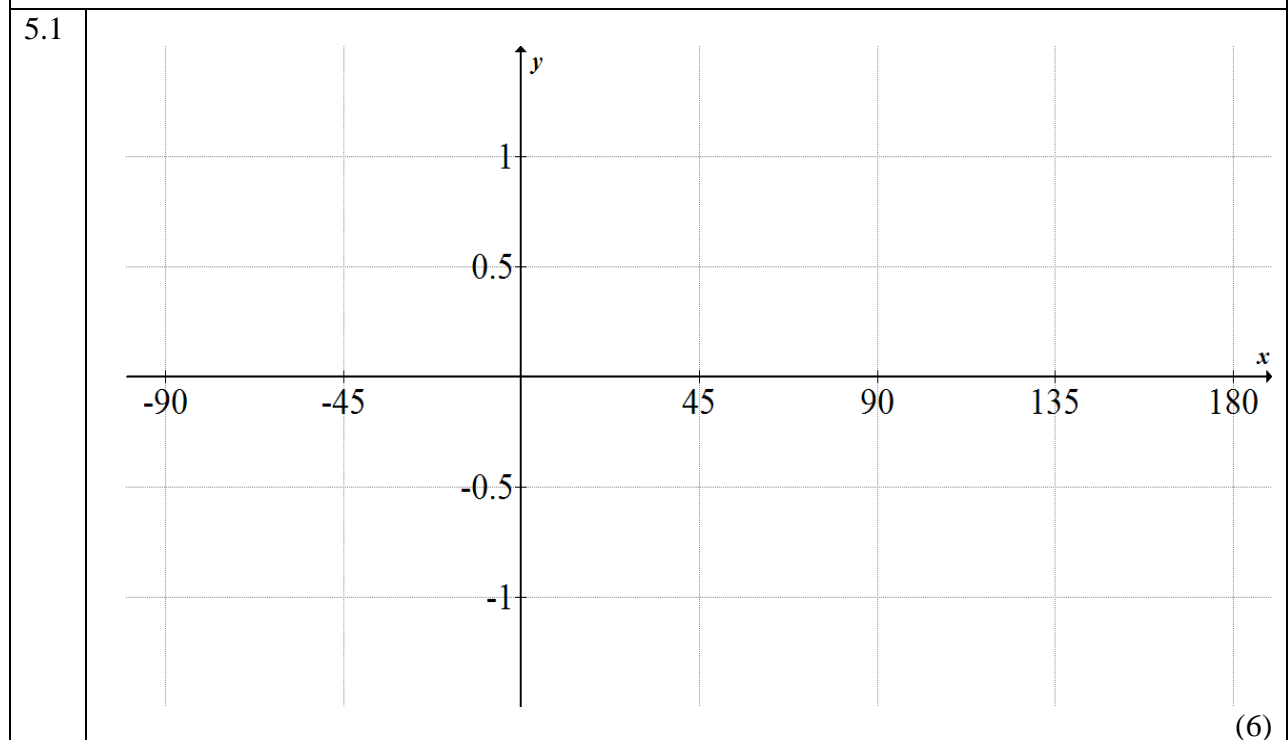
3.5		
		(3)
3.6		
		(5)
3.7		
		(3)
3.8		
		(4)
		[30]

QUESTION 4 / VRAAG 4		
4.1.1		(3)
4.1.2		(2)
4.1.3		(2)

4.2		(5)
4.3		(6)

4.4		
		(6)
	[24]	
Additional space / <i>Bykomende ruimte</i>		

QUESTION 5 / VRAAG 5



5.2		(2)

5.3		(2)

	[10]
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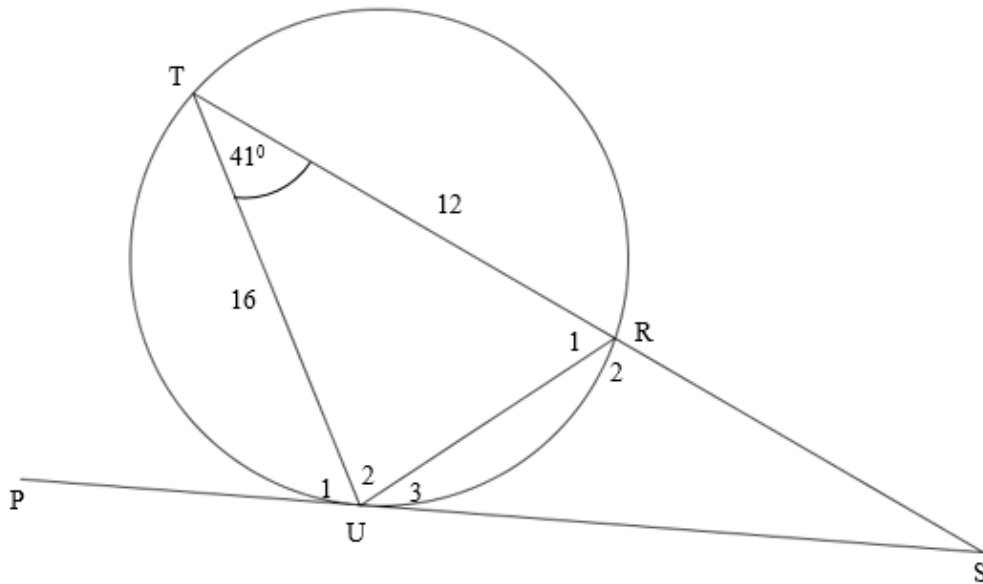
QUESTION 6 / VRAAG 6

6.1

... = $a^2 + b^2 - 2ab \cos C$

(1)

6.2



6.2.1

(3)

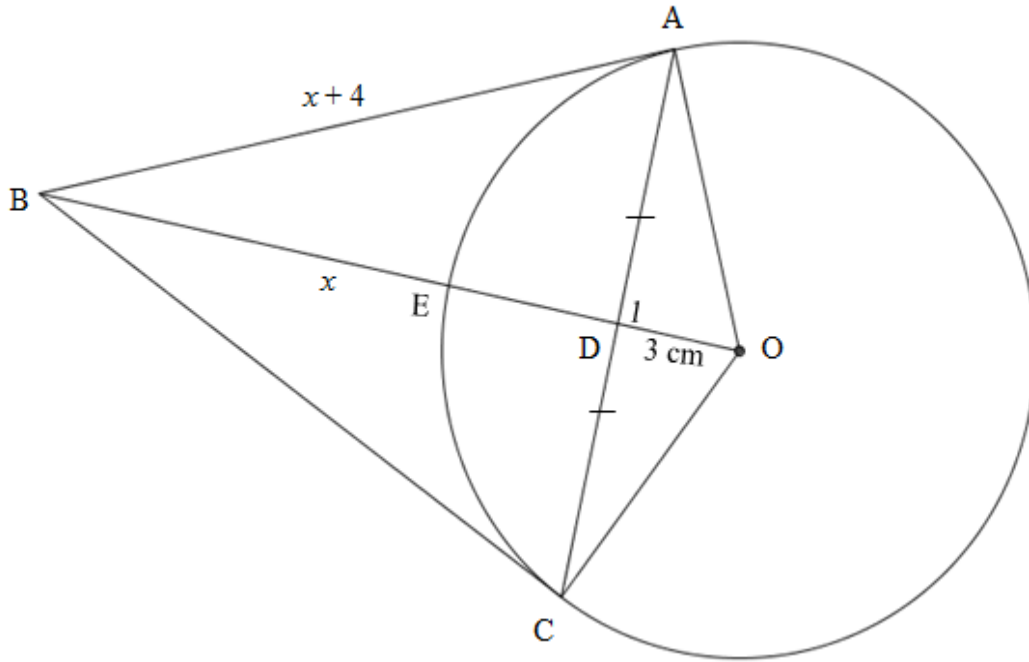
6.2.2

(3)

6.2.3		
		(5)
		[12]
Additional space / <i>Bykomende ruimte</i>		

QUESTION 7 / VRAAG 7		
7.1		
		(5)
7.2		
		(5)
		[10]

QUESTION 8 / VRAAG 8



8.1

(2)

8.2

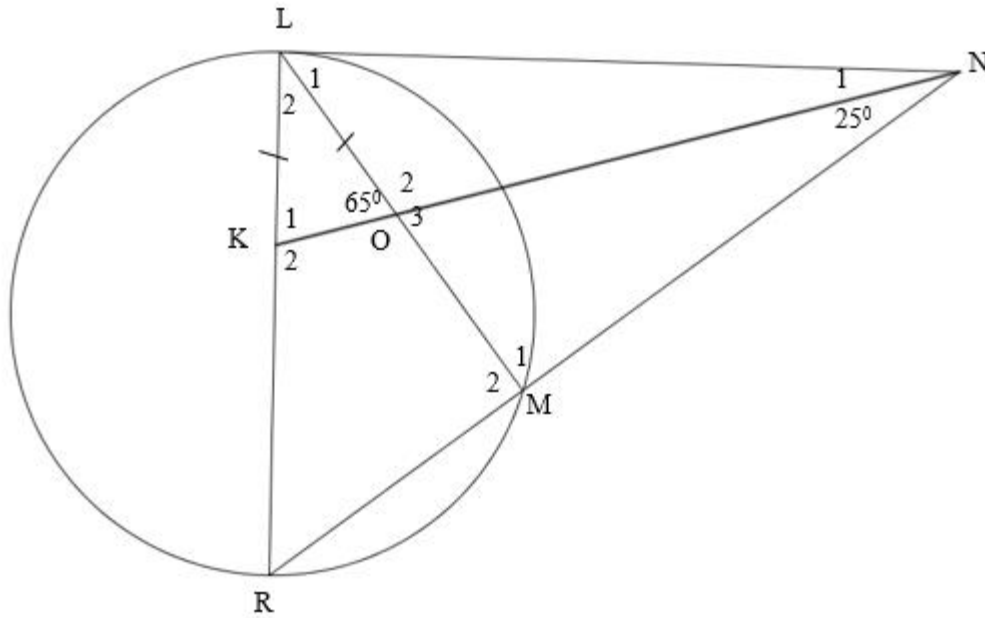
(4)

8.3

(2)

8.5		
		(4)
		[10]
Additional space / <i>Bykomende ruimte</i>		

QUESTION 9 / VRAAG 9



9.1

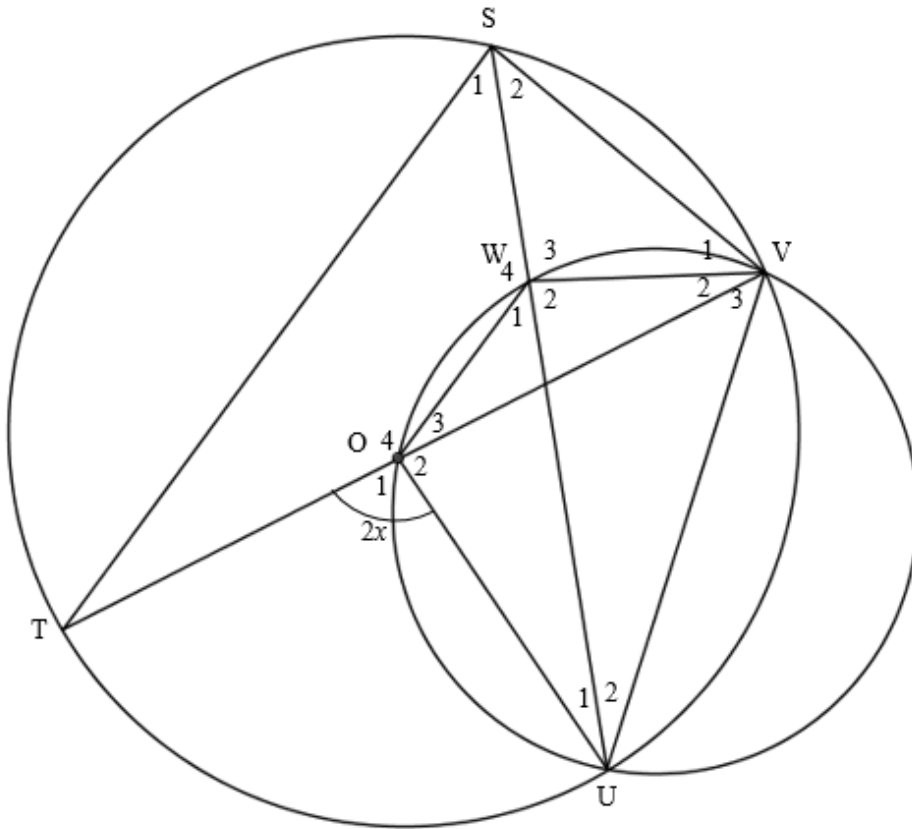
(5)

9.2

(5)

9.3		(3)
9.4		(2)
		[15]
Additional space / <i>Bykomende ruimte</i>		

QUESTION 10 / VRAAG 10



10.1

(8)

10.2		(4)
10.3		(5)
		[17]
	Additional space / <i>Bykomende ruimte</i>	

Additional space / *Bykomende ruimte*

