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LEARNER'S NAME: /
LEERDER SE NAAM:

GRADE 12 / *GRAAD 12*

**NATIONAL SENIOR
CERTIFICATE/
*NASIONALE SENIORSERTIFIKAAT***

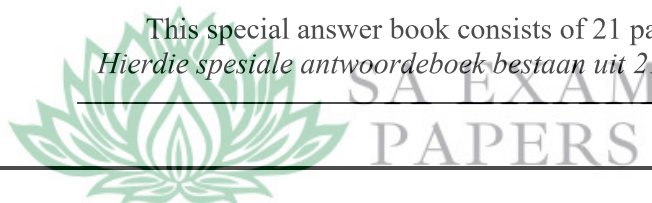
GRADE 12 / *GRAAD 12*

SEPTEMBER 2024

MATHEMATICS P2 / *WISKUNDE V2*
SPECIAL ANSWER BOOK / *SPEZIALE ANTWOORDEBOEK*

| Marker / <i>Merker</i> | | | Moderator's Initials / <i>Moderator se paraaf</i> | | | | | | | |
|----------------------------------|-----------------------|------------------------------|---|--------|-------------------------|--------|-------------------------|--------|-------------------------|----|
| Question / <i>Vraag</i> | Mark / <i>Punt</i> | Initial / <i>Parafeer</i> | Marks / <i>Punte</i> | S M | Marks / <i>Punte</i> | D M | Marks / <i>Punte</i> | P M | Marks / <i>Punte</i> | NM |
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| TOTAL / <i>TOTAAL</i> | | | | | | | | | | |

This special answer book consists of 21 pages. /
Hierdie spesiale antwoordeboek bestaan uit 21 bladsye.



QUESTION 1/VRAAG 1

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|----|----|----|----|----|
| 82 | 64 | 55 | 50 | 41 |
| 71 | 78 | 88 | 98 | 96 |
| 63 | 66 | 80 | 84 | 88 |

| | Solution/Oplissing | Marks/ Punte |
|-------|---------------------------|-------------------------|
| 1.1.1 | | (1) |
| | | |
| 1.1.2 | | (1) |
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| 1.1.3 | | (2) |
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| | | |
| 1.1.4 | | (1) |
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| 1.1.5 | | (3) |
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| 1.2 | | (4) |
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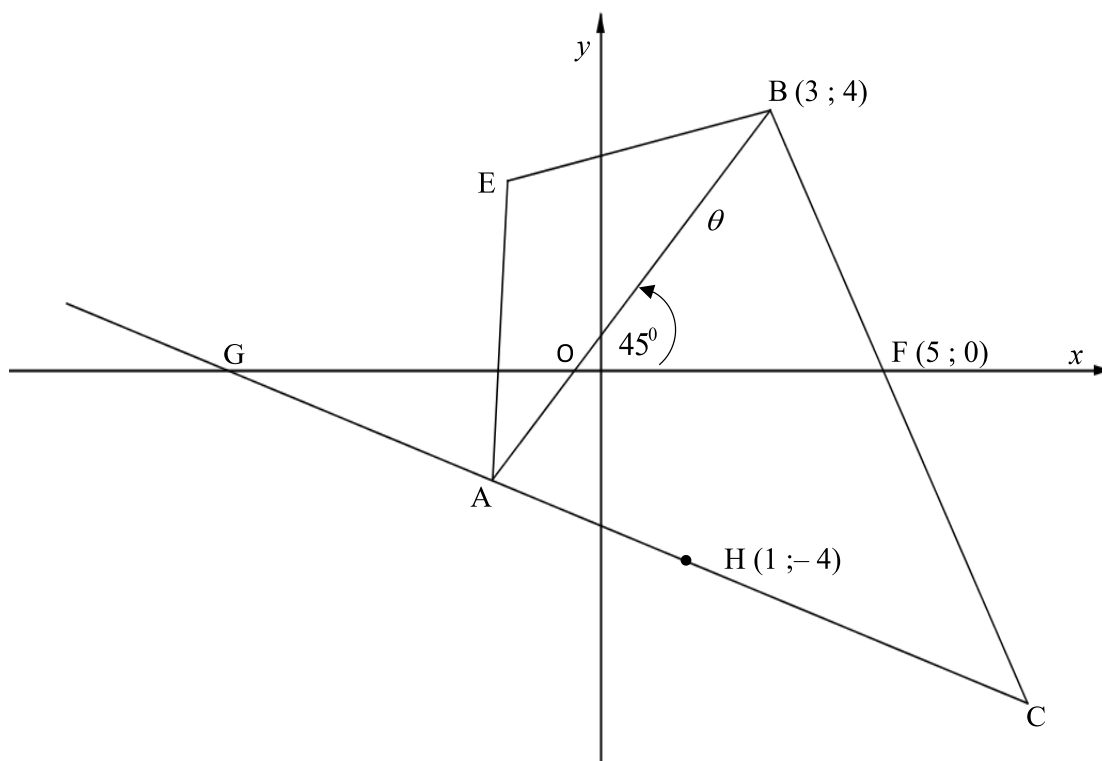
QUESTION 2/VRAAG 2

| | | | | | | | | | | |
|------------------------|----|----|----|----|----|----|----|----|----|----|
| TEST / TOETS A (x) | 39 | 33 | 35 | 44 | 37 | 40 | 24 | 31 | 30 | 5 |
| TEST / TOETS B (y) | 41 | 45 | 48 | 40 | 47 | 42 | 37 | 44 | 43 | 24 |

| | Solution/Oplissing | Marks/ Punte |
|-----|---------------------------|-------------------------|
| 2.1 | | (1) |
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| 2.2 | | (3) |
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| 2.3 | | (2) |
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| 2.4 | | (2) |
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QUESTION 3/VRAAG 3



| | Solution/Oplissing | Marks/ Punte |
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| 3.1 | | (2) |
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| 3.2 | | (2) |
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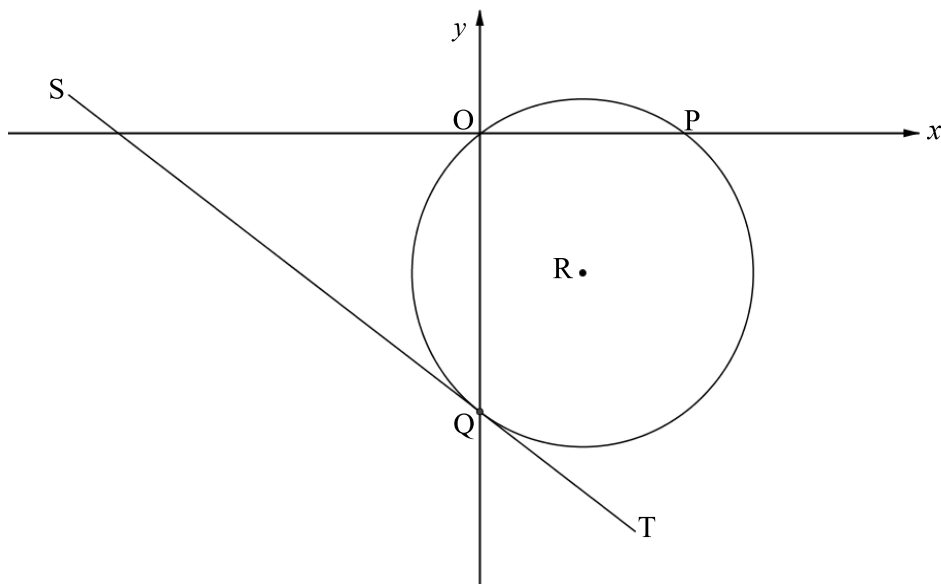
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| 3.3 | | (3) |
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| 3.4 | | (4) |
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| 3.5 | | (1) |
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| 3.6 | | (4) |
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QUESTION 4/VRAAG 4

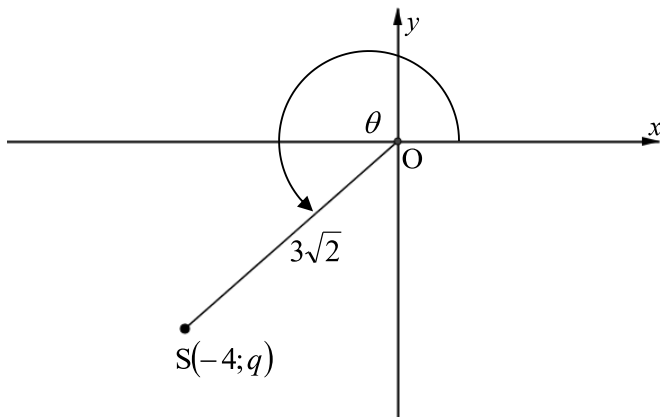


| | Solution/Oplissing | Marks/Punte |
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| 4.1.1 | | (2) |
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| 4.1.2 | | (3) |
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| 4.1.3 | | (2) |
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| 4.1.4 | | (3) |
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| 4.1.5 | | (3) |
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| 4.1.6 | | (3) |
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| 4.2 | | (5) |
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QUESTION 5/VRAAG 5



| | Solution/Oplissing | Marks/Punte |
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| 5.1.1 | | (2) |
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| 5.1.2 | | (4) |
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| 5.1.3 | | (4) |
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| 5.2 | | (5) |
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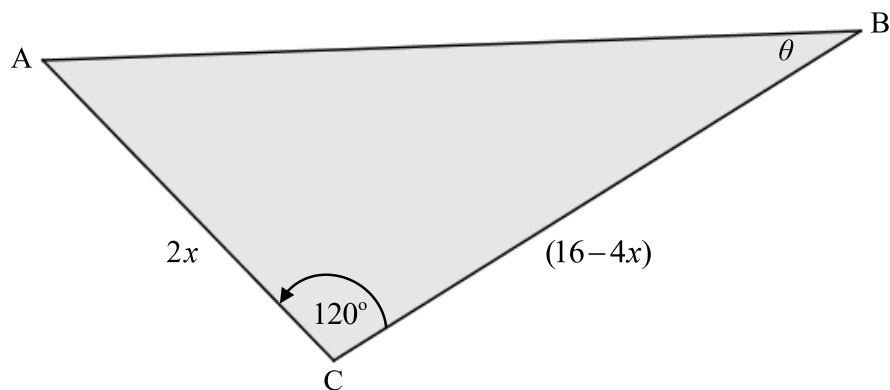
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| 5.4.1 | | (3) |
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| 5.4.2 | | (4) |
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QUESTION 6/VRAAG 6

| | Solution/Oplissing | Marks/Punte |
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| 6.1 | | (1) |
| | | |
| 6.2 | | (1) |
| | | |
| 6.3 | | (2) |
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| 6.4 | | (2) |
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| 6.5 | | (3) |
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| 6.6 | | (3) |
| | | [12] |

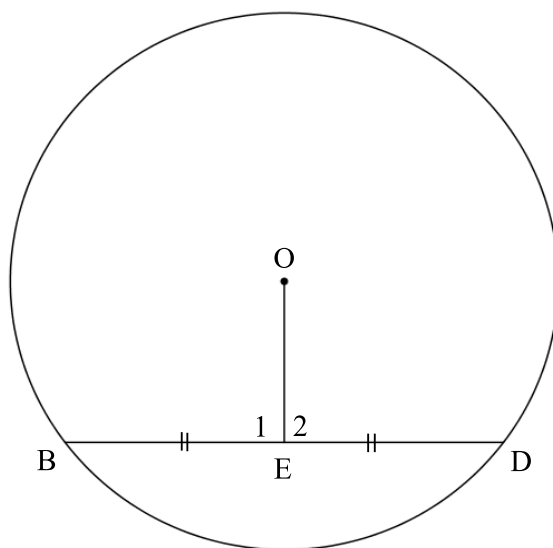
QUESTION 7/VRAAG 7



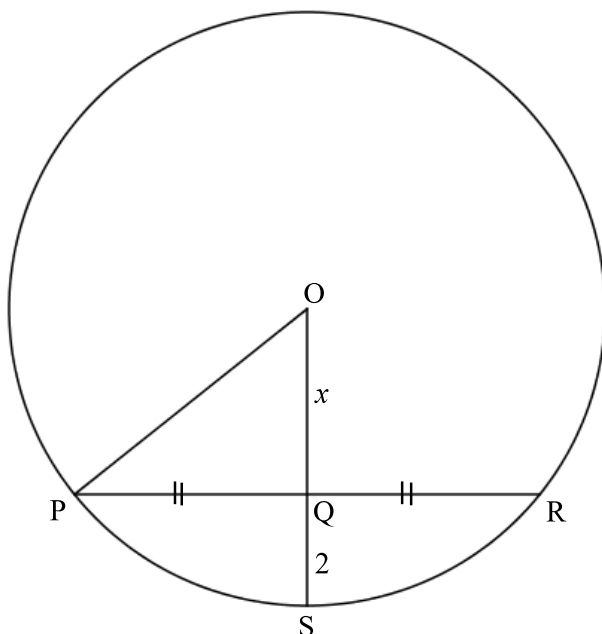
| | Solution/Oplissing | Marks/Punte |
|-----|--------------------|-------------|
| 7.1 | | (3) |
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| 7.2 | | (3) |
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QUESTION 8/VRAAG 8

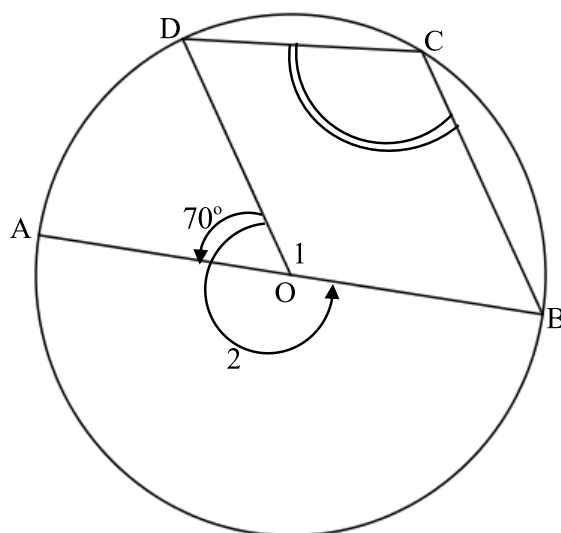


| | Solution/Oplissing | Marks/ Punte |
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| 8.1 | | (5) |
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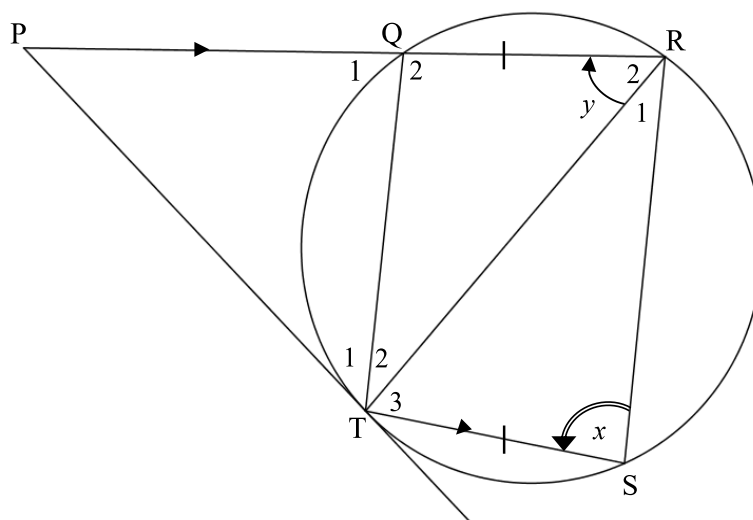


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| 8.2.1 | <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> | (2) |
| 8.2.2 | <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> | (5) |
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QUESTION 9/VRAAG 9

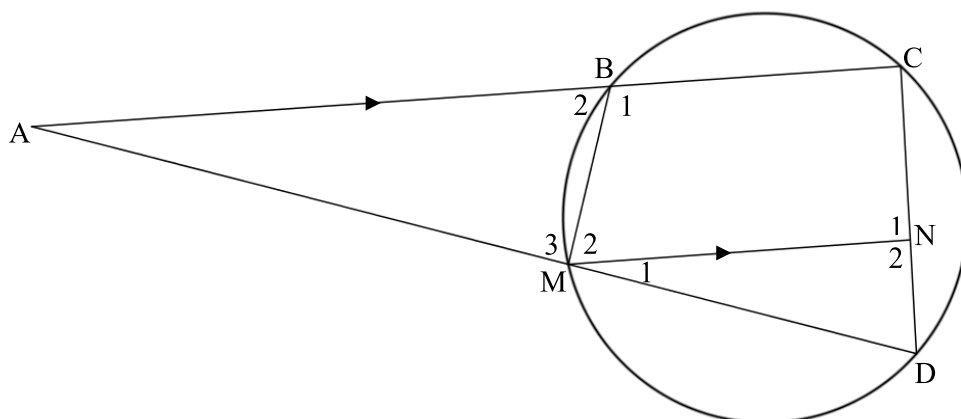


| | Solution/Oplossing | Marks/ Punte |
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| 9.1 | | (5) |
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| | Solution/Oplossing | Marks/Punte |
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| 9.2.1 | | (4) |
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| 9.2.2 | | (2) |
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| 9.2.3 | | (4) |
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QUESTION 10/VRAAG 10



| | Solution/Oplossing | Marks/ Punte |
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| 10.1 | | (4) |
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| 10.2 | | (3) |
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| | Solution/<i>Oplossing</i> | Marks/ <i>Punte</i> |
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