



LEARNER'S NAME:  
*LEBITSO:*

GRADE 12  
*KEREITE YA 12*

**NATIONAL  
SENIOR CERTIFICATE**

**GRADE 12/*KEREITI YA 12***

**LOETSE 2023**

**MATHEMATICS P2/*MMETSE P2*  
SPECIAL ANSWER BOOK/  
*BUKA E I KGETHILENG YA HO ARABELA***

Marker/ <i>Motshwai</i>			Moderator's Initials / <i>Diinishiale tsa mohlahlubi</i>												
Question <i>Potso</i>	Mark <i>Matshwao</i>		Initial <i>Inishiale</i>	Marks <i>Matshwao</i>		S M	Marks <i>Matshwao</i>		D M	Marks <i>Matshwao</i>		P M	Marks <i>Matshwao</i>		N M
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
<b>TOTAL <i>KAOFELA</i></b>															

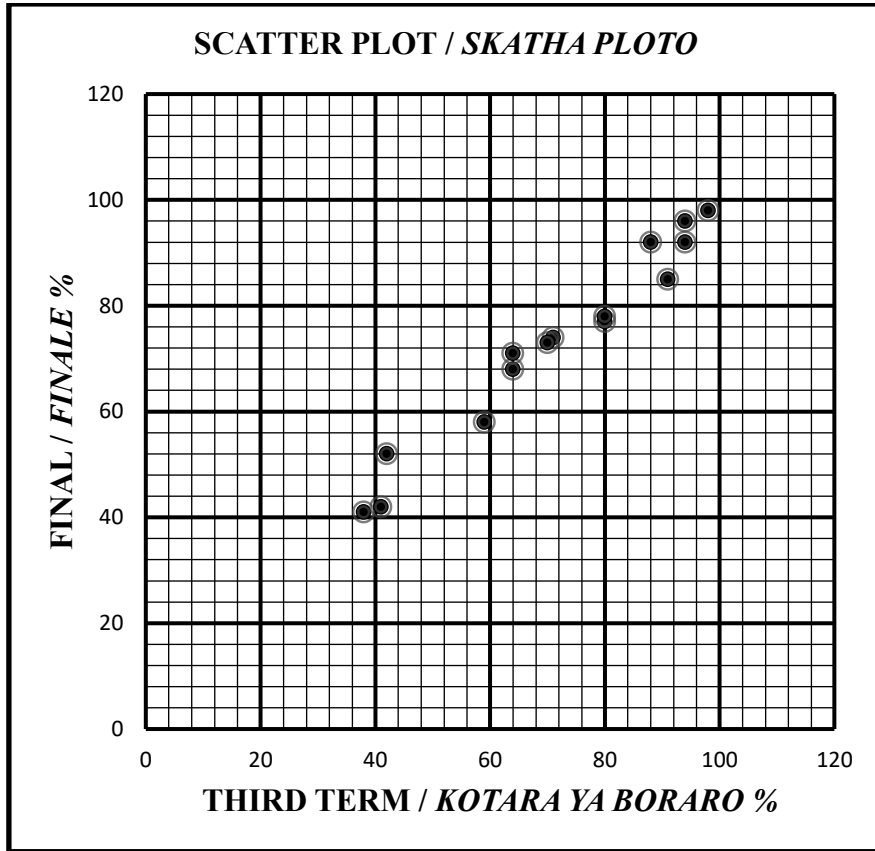
This special answer book consists of 25 pages./  
*Buka ena ya ho arabela e ikgethileng e na le maqephe a 25.*

**QUESTION 1/POTSO 1**

	<b>Solution/Tharollo</b>	<b>Marks/ Matshwao</b>
1.1	29 27 24 31 22 19 30	
1.1.1	(a) Mean / <i>Mini</i> =	(2)
1.1.1	(b) Standard Deviation / <i>Standade divieshene</i> =	(1)
1.1.2		(3)
1.1.3		(2)
1.2	<p style="text-align: center;"> <span style="margin-right: 100px;">26</span> <span style="margin-right: 50px;">30</span> <span>48</span> </p>	
1.2.1		(1)
1.2.2		(2)
		<b>[11]</b>

**QUESTION 2/POTSO YA 2**

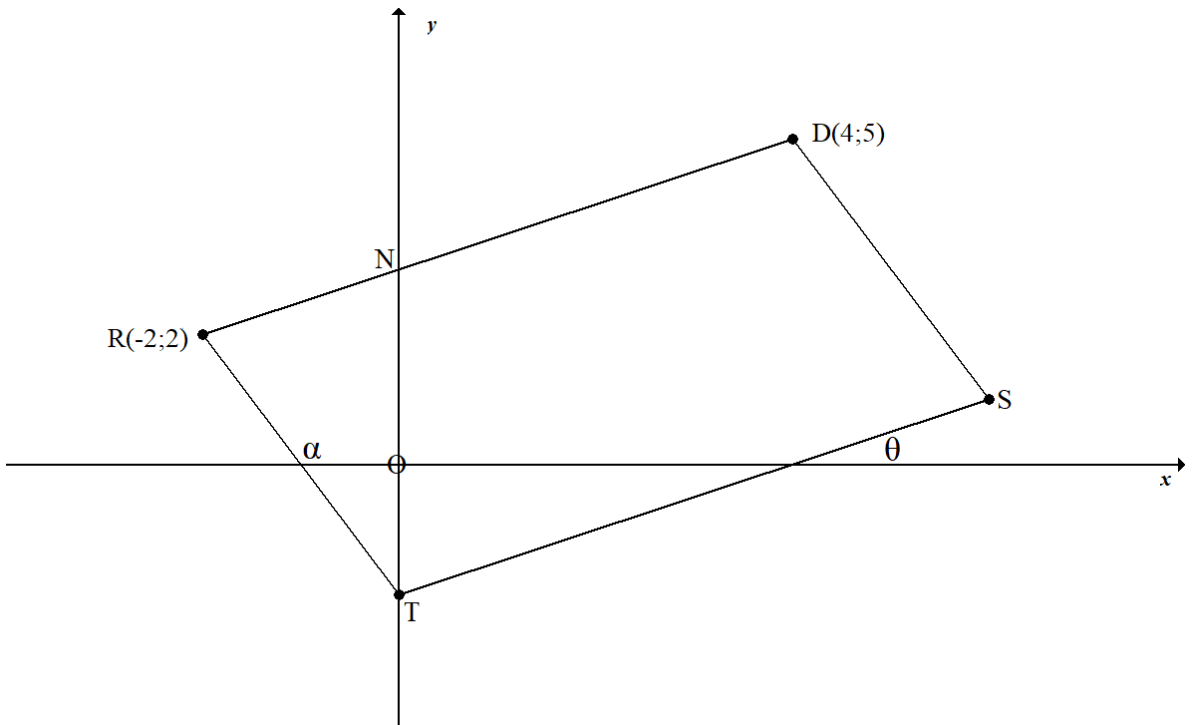
Third / <i>Raro</i>	71	80	59	38	41	98	80	88	91	94	64	94	70	42	64
Final / <i>Faenale</i>	74	77	58	41	42	98	78	92	85	92	68	96	73	52	71



	<b>Solution/<i>Tharollo</i></b>	<b>Marks/<i>Matshwao</i></b>
2.1		(3)
2.2		(1)
2.3.1		(2)
2.3.2		(1)

	<b>Solution/<i>Tharollo</i></b>	<b>Marks/ <i>Matshwao</i></b>
2.4.1		(1)
2.4.2		(1)
		<b>[9]</b>

QUESTION 3/POTSO YA 3

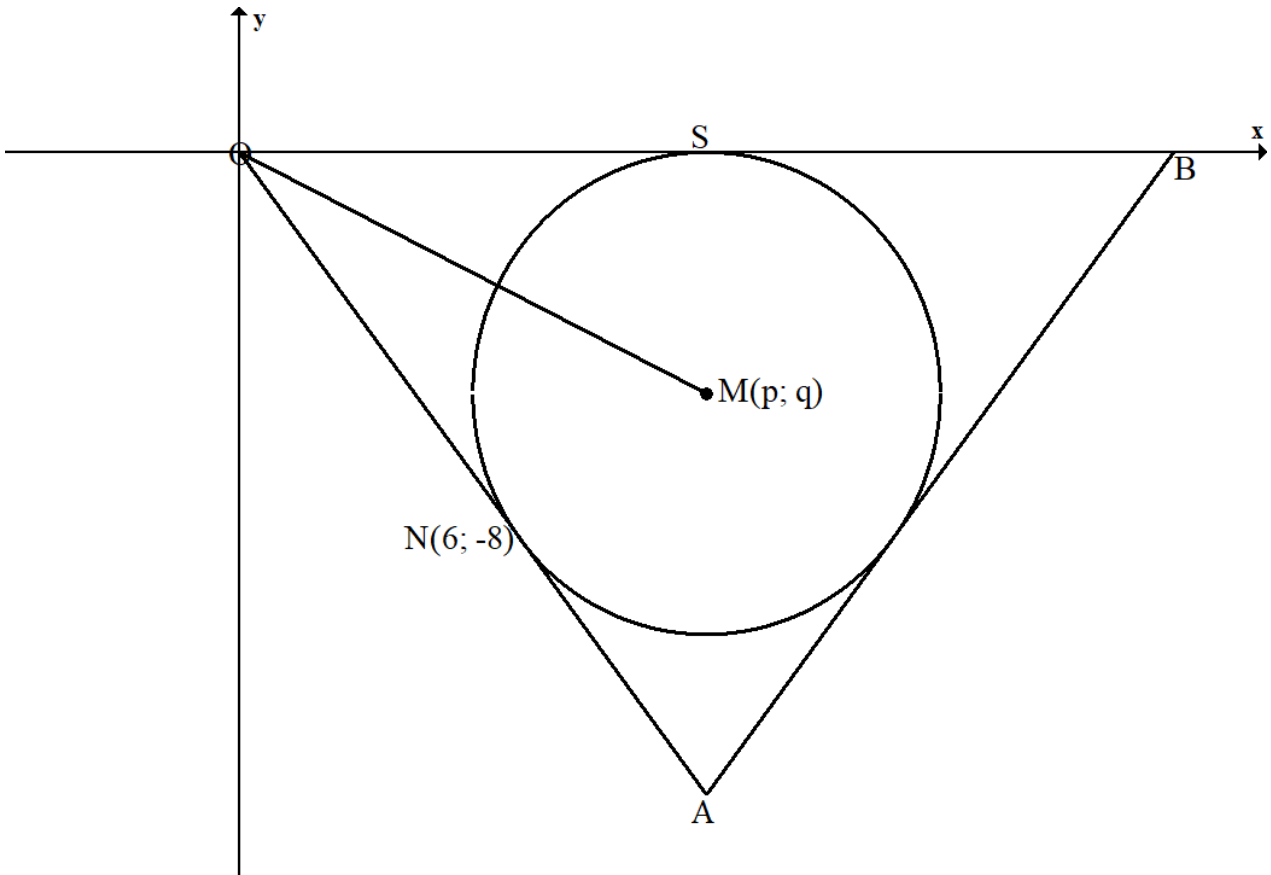


	Solution/Tharollo	Marks/ Matshwao
3.1		(1)
3.2.1		(2)

	<b>Solution/<i>Tharollo</i></b>	<b>Marks/ <i>Matshwao</i></b>
3.2.2		
(5)		
3.3		
(3)		
3.4		
(3)		

	<b>Solution/<i>Tharollo</i></b>	<b>Marks/ <i>Matshwao</i></b>
3.5		
		<b>[18]</b>

QUESTION 4/POTSO YA 4



	<b>Solution/Tharollo</b>	<b>Marks/ Matshwao</b>
4.1.1		(2)
4.1.2		(2)



	<b>Solution/Tharollo</b>	<b>Marks/ Matshwao</b>
4.1.3		(3)
4.1.4		(2)
4.2		(3)
4.3		(2)

	<b>Solution/Tharollo</b>	<b>Marks/ Matshwao</b>
4.4		
	(6)	
4.5		
	(2)	
		<b>[22]</b>

**QUESTION 5/POTSO YA 5**

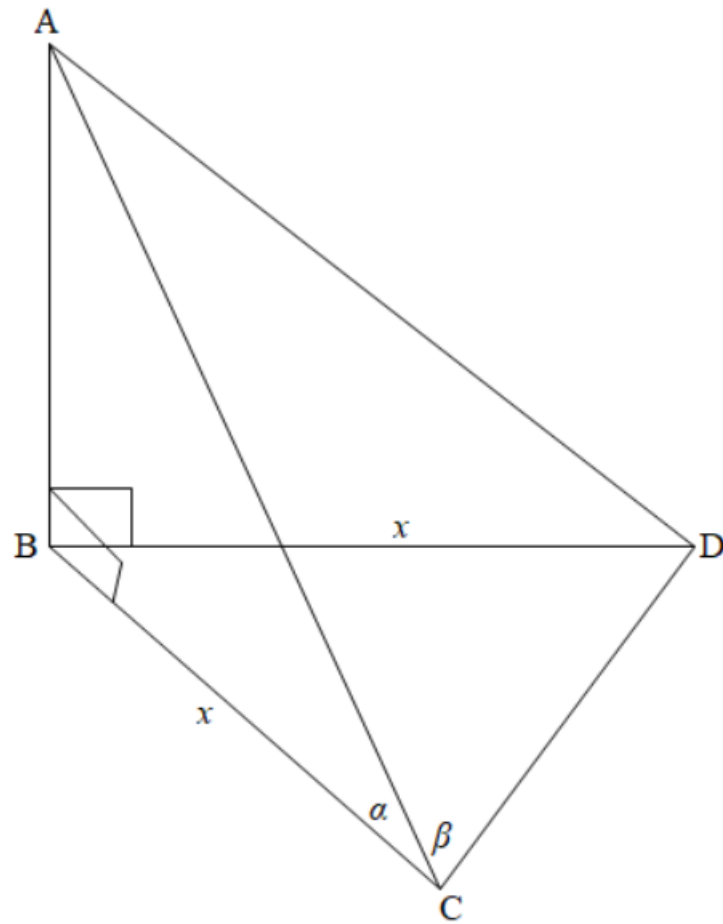
	<b>Solution/Tharollo</b>	<b>Marks/ Matshwao</b>
5.1.1		(2)
5.1.2		(2)

	<b>Solution/Tharallo</b>	<b>Marks/ Matshwao</b>
5.1.3		(4)
5.2		(6)

	<b>Solution/<i>Tharollo</i></b>	<b>Marks/ <i>Matshwao</i></b>
5.3		
5.4		(4)

	<b>Solution/Tharollo</b>	<b>Marks/ Matshwao</b>
5.5.1		
5.5.2		(4)
		<b>[30]</b>

QUESTION 6/POTSO YA 6

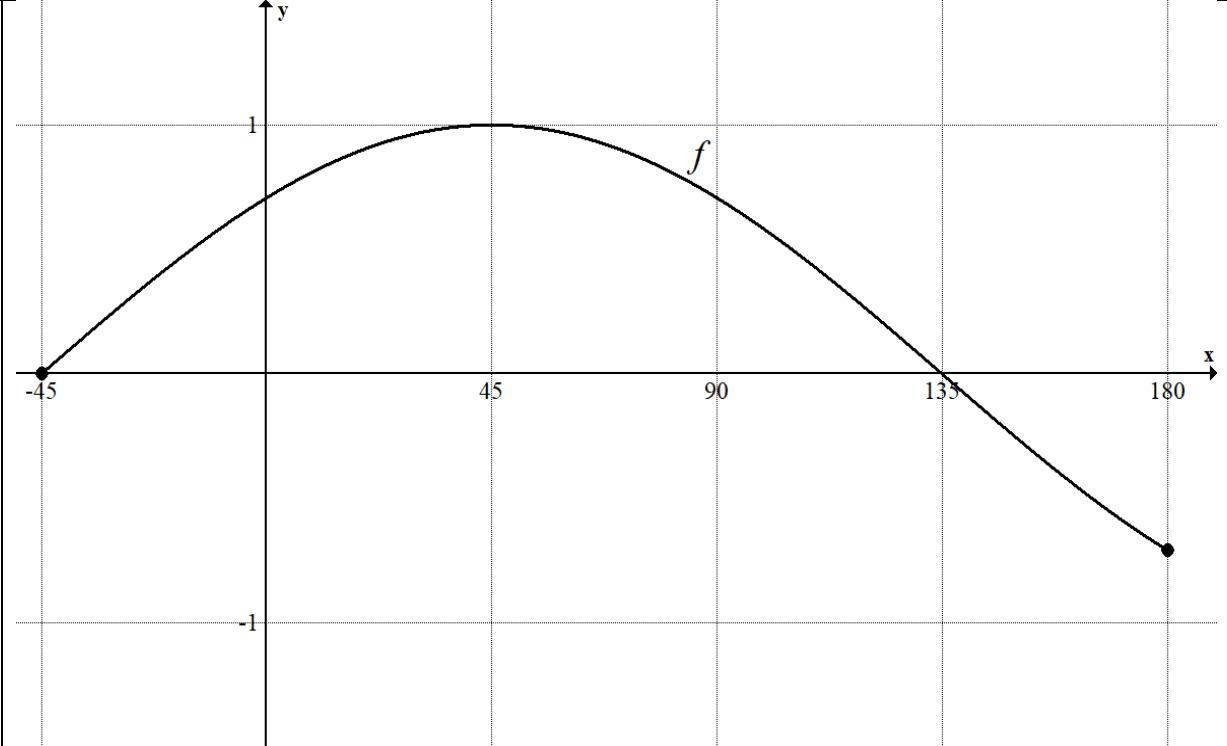


	<b>Solution/Tharollo</b>	<b>Marks/ Matshwao</b>
6.1		(1)
6.2		(2)

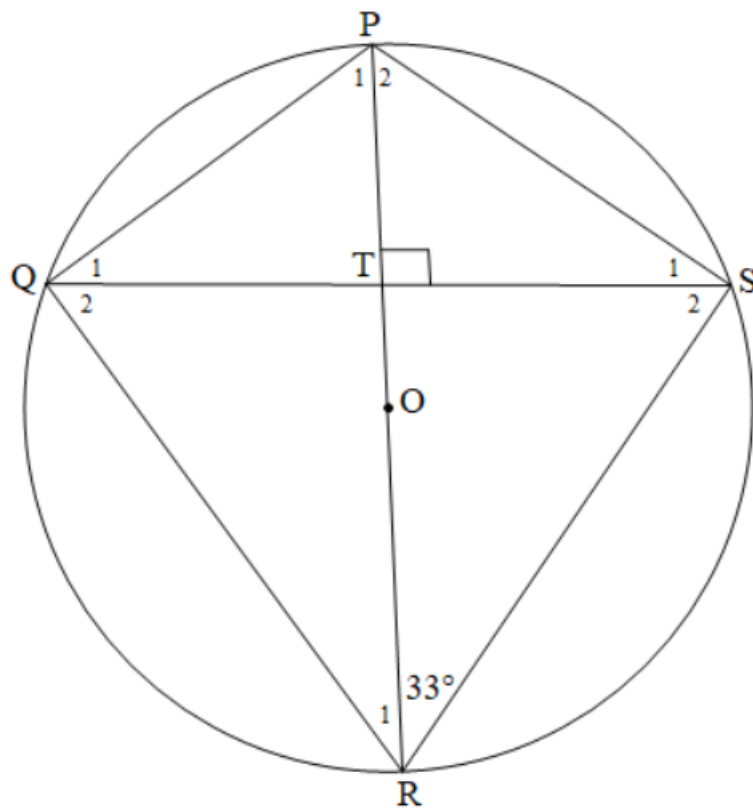
	<b>Solution/<i>Tharollo</i></b>	<b>Marks/<i>Matshwao</i></b>
6.3		(4)
6.4		(2)
		[9]



QUESTION 7/POTSO YA 7

	Solution/Tharollo	Marks/ Matshwao
7.1		(2)
7.2		(3)
7.3		(1)
7.4		(2)
7.5		(2)
7.6		(1)
		<b>[11]</b>

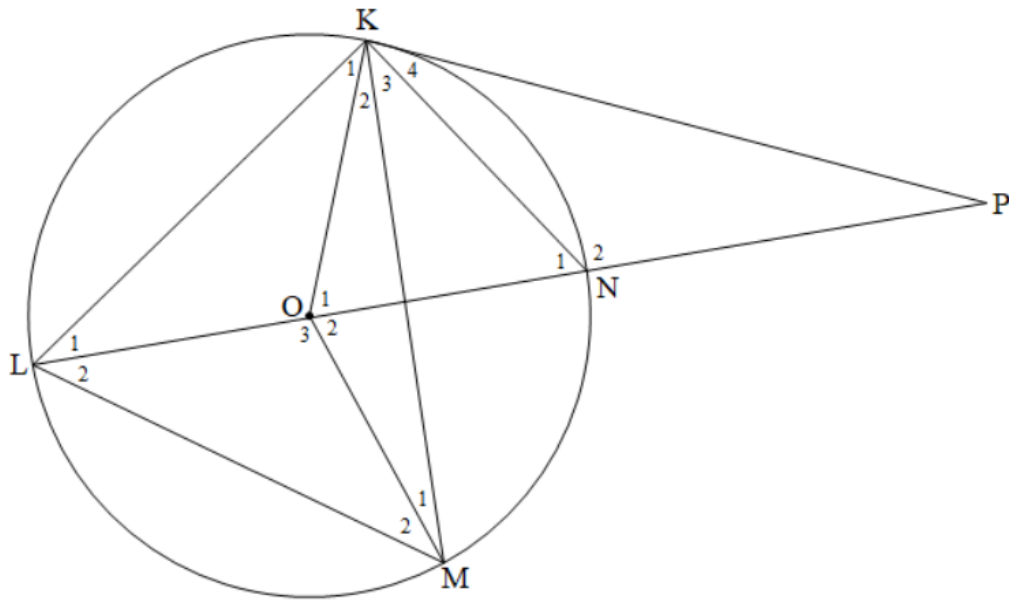
QUESTION 8/POTSO YA 8



	Solution/OTharollo	Marks/ Matshwao
8.1.1		(3)
8.1.2		(2)

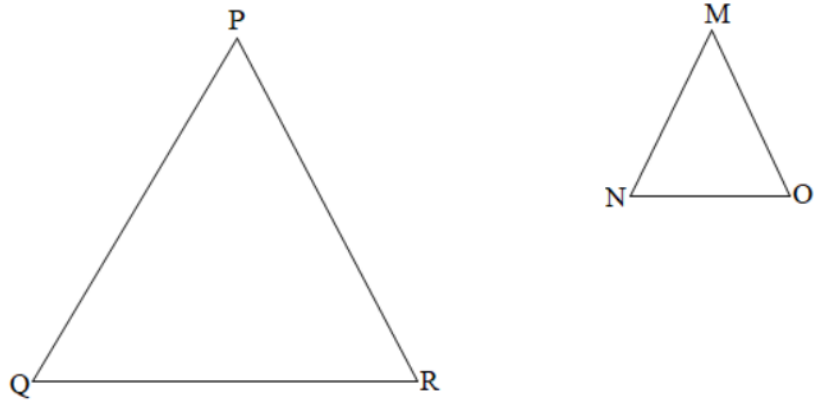
	<b>Solution/<i>Tharollo</i></b>	<b>Marks/<i>Matshwao</i></b>
8.2		
		(4)
		<b>[9]</b>

QUESTION 9/POTSO YA 9

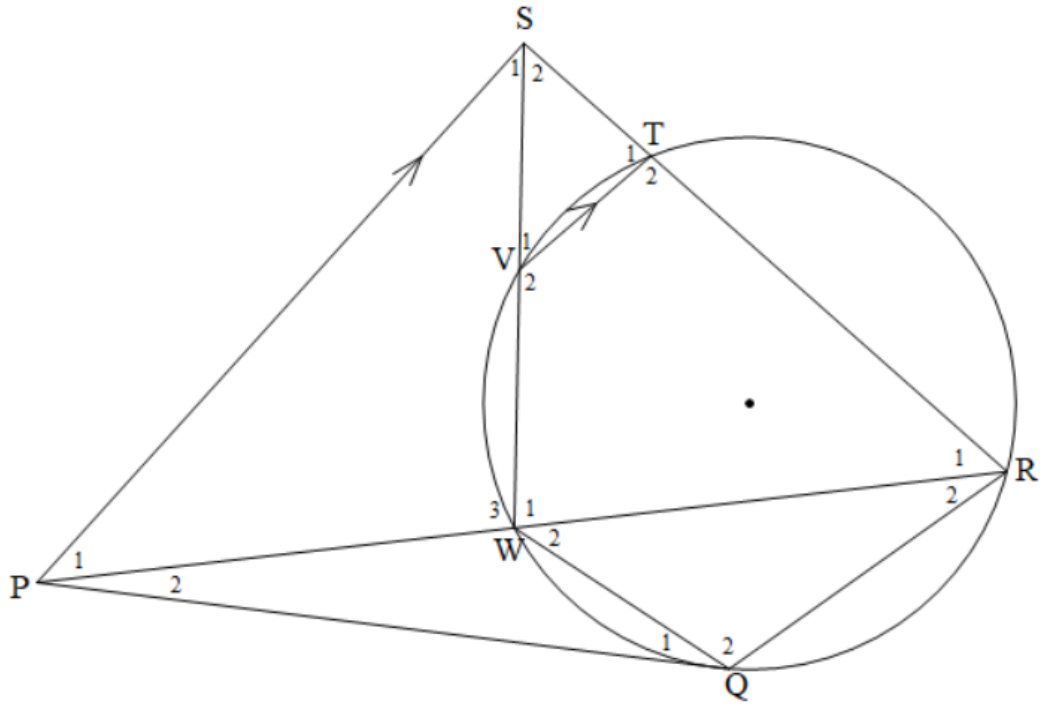


	Solution/ <i>OTharollo</i>	Marks/ <i>Matshwao</i>
9.1		(2)
9.2.1		(2)
9.2.2		(2)
9.2.3		(2)
9.3		(3)
		<b>[11]</b>

QUESTION 10/POTSO YA 10



	<b>Solution/<i>Tharollo</i></b>	<b>Marks/<i>Matshwao</i></b>
10.1		(6)



	Solution/ <i>Tharollo</i>	Marks/ <i>Matshwao</i>
10.2.1		(3)
10.2.2		(3)

	<b>Solution/Tharollo</b>	<b>Marks/ Matshwao</b>
10.2.3		
	(5)	
10.2.4		
	(3)	
		<b>[20]</b>

**TOTAL/KAOFELA: 150**





