

Solomon Practice Paper

Pure Mathematics 3K

Time allowed: 90 minutes

Centre: www.CasperYC.club

Name:

Teacher:

Question	Points	Score
1	7	
2	8	
3	10	
4	12	
5	12	
6	12	
7	14	
Total:	75	

How I can achieve better:

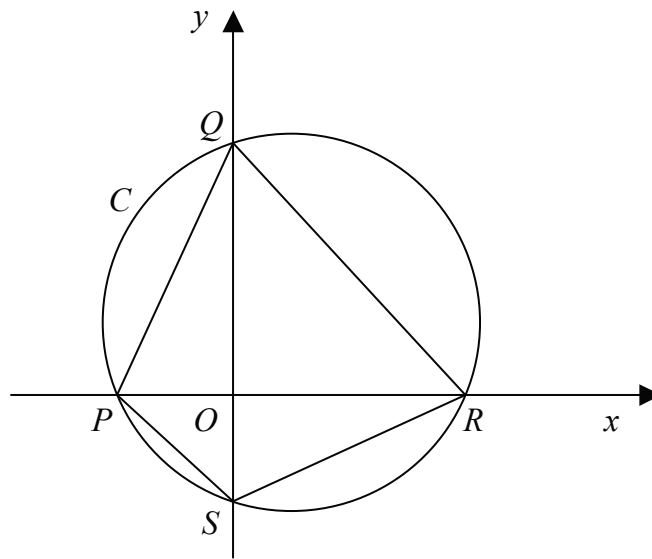
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Last updated: December 24, 2025



4. Figure shows the circle C with centre $(4, 5)$ and radius 13.



C meets the x -axis at the points P and R , and the y -axis at the points Q and S .

- (a) Write down an equation for C . [2]
- (b) Show that $QS = 6\sqrt{17}$. [5]
- (c) Find the area of quadrilateral $PQRS$. [5]

Total: 12



