

26

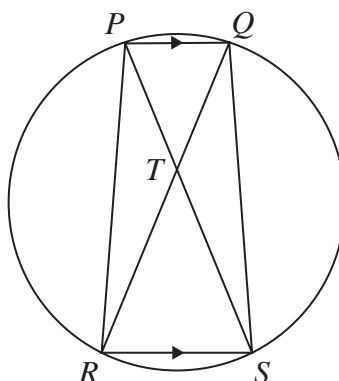


Diagram **NOT**
accurately drawn

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P , Q , S and R are points on a circle.
 T is the point where PS intersects QR
 PQ is parallel to RS

- (a) Prove that $PT = QT$
 Give a reason for each stage of your working.

(4)

The area of triangle $PQT = 1 \text{ cm}^2$ and the area of triangle $RST = 4 \text{ cm}^2$

- (b) Find the area of quadrilateral $PQSR$



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..... cm²
(4)

(Total for Question 26 is 8 marks)

TOTAL FOR PAPER IS 100 MARKS



P 7 2 9 1 7 A 0 2 3 2 4