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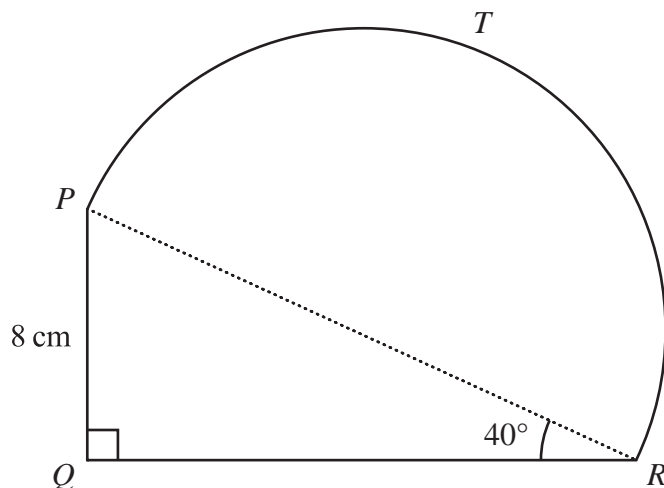


Diagram **NOT**  
accurately drawn

The diagram shows shape  $PTRQ$  where  $PRQ$  is a triangle and  $PTR$  is a semicircle with diameter  $PR$

$$\angle PQR = 90^\circ \quad \angle PRQ = 40^\circ \quad PQ = 8 \text{ cm}$$

Calculate the total area, in  $\text{cm}^2$  to the nearest whole number, of shape  $PTRQ$

.....  $\text{cm}^2$

(Total for Question 13 is 4 marks)



P 7 3 4 9 5 A 0 9 2 4