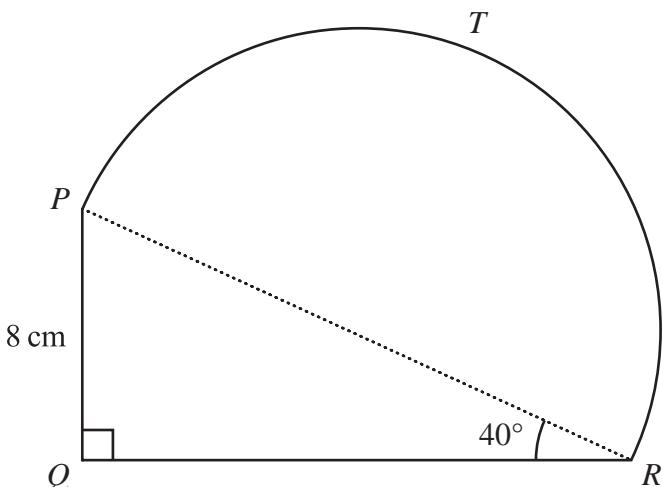


DO NOT WRITE IN THIS AREA

13Diagram **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 cm^2 to the nearest whole number, of shape $PTRQ$

..... cm^2

(Total for Question 13 is 4 marks)



P 7 3 4 9 5 A 0 9 2 4