

QT - Finding the missing angle

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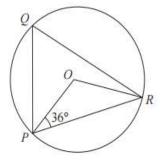


Diagram NOT accurately drawn

(a) P, Q and R are points on a circle, centre O. Angle $OPR = 36^{\circ}$

Work out the size of angle PQR.

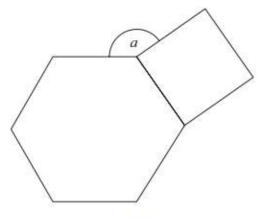
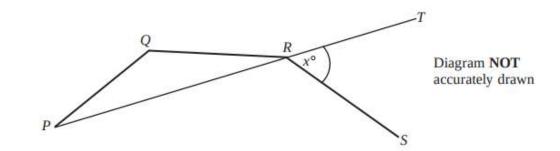


Diagram NOT accurately drawn

The diagram shows a regular hexagon and a square.

Calculate the size of the angle a.





PQ, QR and RS are 3 sides of a regular decagon. PRT is a straight line.
Angle TRS = x°

Work out the value of X