

QT - Finding the missing angle

17

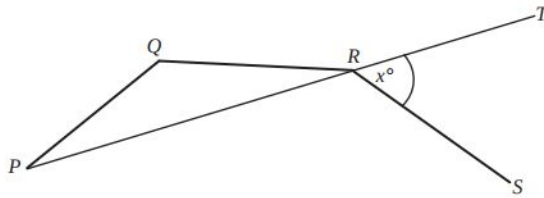


Diagram **NOT** accurately drawn

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

Work out the value of x

19

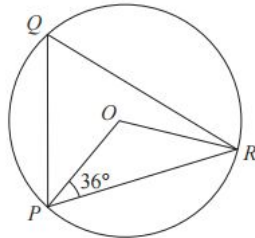


Diagram **NOT** accurately drawn

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

Work out the size of angle PQR .

3.

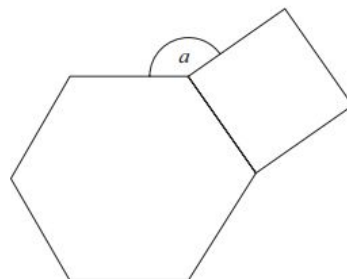


Diagram **NOT** accurately drawn

The diagram shows a regular hexagon and a square.

Calculate the size of the angle a .