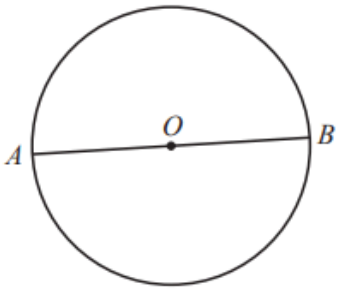
Q1. (June 2018 v3)

(b) A and B are points on the circumference of a circle, centre O.



Write down the mathematical name of the line AB.

..... [1]

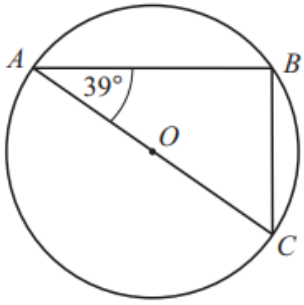
Q2. (June 2023 v3)

(b) Find the value of x.
Give a geometrical reason for your answer.

$x =$ ..... because ..... [2]

Q3. (June 2025 v1)

21 Points A, B and C lie on the circle, centre O.



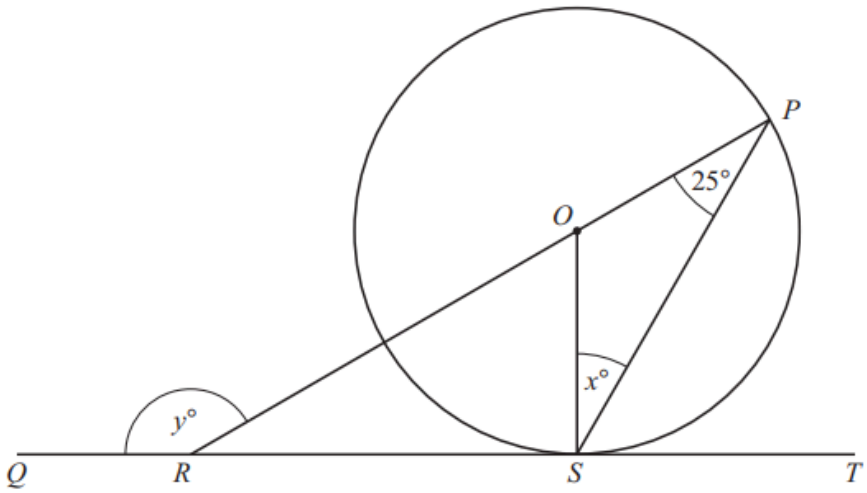
NOT TO SCALE

Work out angle BCA.

Angle BCA = ... [2]

Q4. (June 2025 v3)

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The diagram shows a circle, centre O.
P and S are points on the circle.
POR is a straight line.
$QRST$ is a tangent to the circle at S.

(a) Find the value of x.
Give a geometrical reason for your answer.

$x =$ ..... because..... [2]

(b) Find the value of y.

$y =$ ..... [3]

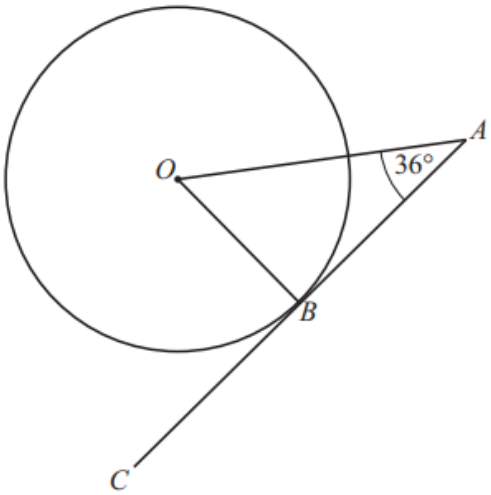
Q5. (Nov 2023 v2)

(c) Give a geometrical reason why angle BCA is 90°.

..... [1]

Q6. (Nov 2025 v2)

24



NOT TO SCALE

B is a point on the circle, centre O.
ABC is a tangent to the circle at B and angle $OAB = 36°$.

Work out the size of angle AOB.

Angle AOB = ... [1]