

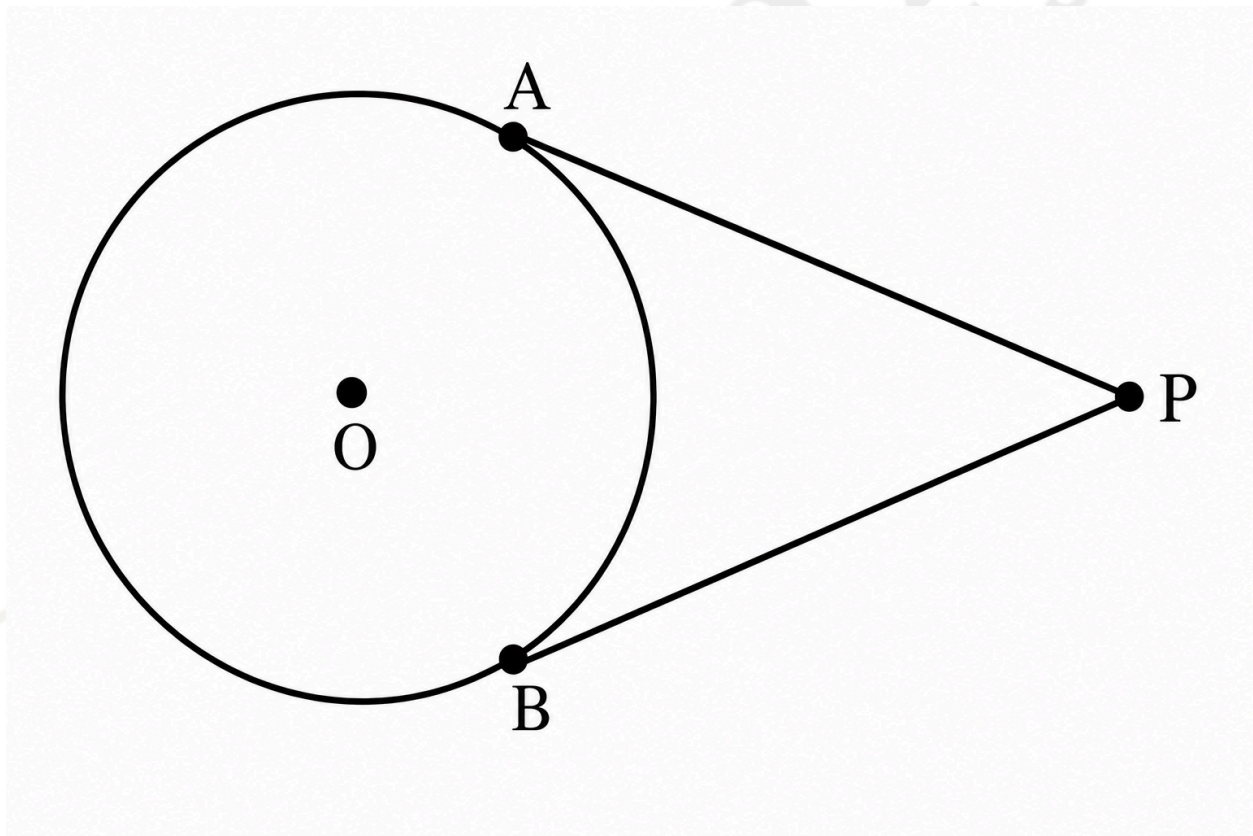
Class 10 Mathematics - Circles

Name: _____

Date: _____

Medium Worksheet 2

Diagram for Questions 1–4



Questions

1. If $PA = 12$ cm, find PB .
2. State the theorem used in Question 1.

3. If $PB = 15$ cm, find PA .
4. Name the external point in the figure.
5. How many tangents can be drawn from an external point to a circle?
6. Define the length of a tangent.

Answer Key

1. 12 cm
2. The lengths of tangents drawn from an external point to a circle are equal.
3. 15 cm
4. P
5. Two
6. The distance between the external point and the point of contact.