

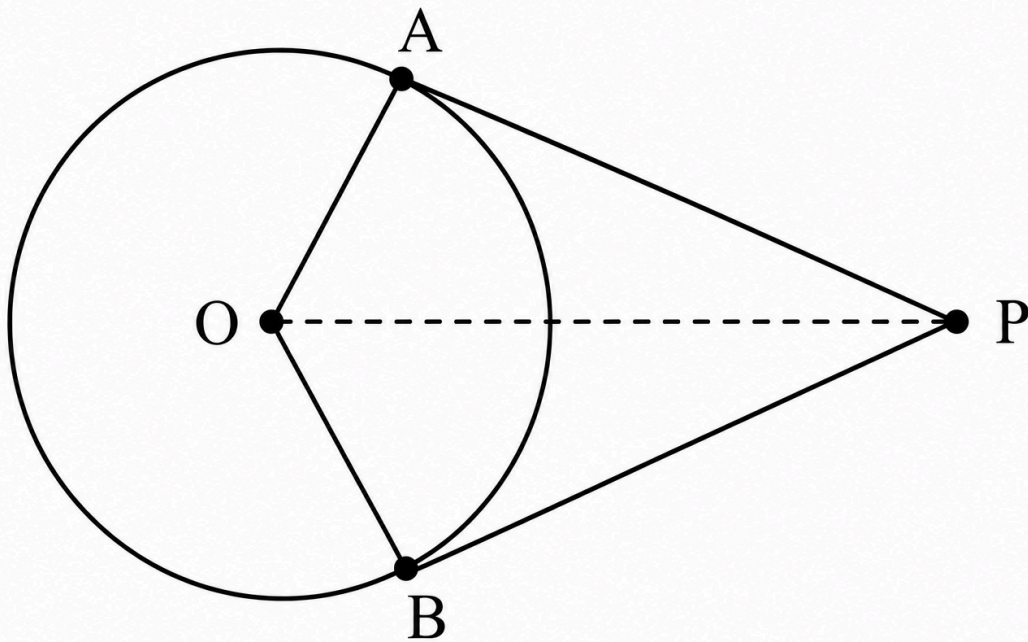
## Class 10 Mathematics - Circles

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Easy Worksheet 4

#### Questions



1. State the theorem related to lengths of tangents drawn from an external point.
2. If PA and PB are tangents from an external point P, then  $PA =$  \_\_\_\_\_.

3. If PQ and PR are tangents drawn from an external point P, what can you say about PQ and PR?
4. True or False:  
The tangent at any point of a circle is parallel to the radius through the point of contact.
5. True or False:  
A tangent is a special case of a secant.
6. What is the maximum number of tangents that can be drawn parallel to a given secant?

**Answer Key**

1. The lengths of tangents drawn from an external point to a circle are equal.
2. PB
3.  $PQ = PR$
4. False
5. True
6. Two