Worksheet: Circles

NIOS · Class 10 · Mathematics · 3 questions · 9 marks

Name: _____ Date: _____ Score: _____ / 9

Q1. How many tangents can be drawn from a point on the circle? *[1 mark]*

Q2. From a point P at distance 15 cm from centre of circle of radius 9 cm, find tangent length. *[3 marks]*

Q3. A circle is inscribed in a triangle ABC where AB = 8 cm, BC = 10 cm, AC = 12 cm. Find the lengths of tangents from A, B, C to the circle. *[5 marks]*