

## Worksheet: Circles

Punjab State Board · 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]*

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

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**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]*

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