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## Worksheet: Coordinate Geometry

Tamil Nadu State Board · Class 10 · Mathematics · 3 questions · 9 marks

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

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

Score: \_\_\_\_\_ / 9

**Q1.** Find the distance between (3, 4) and (6, 8). [1 mark]

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**Q2.** Find the coordinates of the point dividing (2, 4) and (8, 10) in the ratio 2:1. [3 marks]

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**Q3.** Find the area of the triangle whose vertices are A(2,3), B(5,7), and C(8,3). Also check if it's right-angled. [5 marks]

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