Worksheet: Straight Lines

Rajasthan State Board · Class 11 · Mathematics · 3 questions · 12 marks

Name: _____	Date: _____	Score: _____ / 12

Q1. Find the slope of the line passing through (2, 3) and (5, 9). Is the line rising or falling? *[2 marks]*

Q2. Find the perpendicular distance from the point (3, 4) to the line 3x 4y + 5 = 0. *[4 marks]*

Q3. Find the acute angle between the lines 2x + 3y 5 = 0 and 3x 2y + 7 = 0. What do you conclude about these lines? *[6 marks]*