

Worksheet: Straight Lines

NIOS · 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]
