

Worksheet: Introduction to Three-Dimensional Geometry

NIOS · Class 11 · Mathematics · 3 questions · 12 marks

Name: _____

Date: _____

Score: _____ / 12

Q1. Find the distance between the points A(1, 2, 3) and B(4, 6, 3). [2 marks]

Q2. Find the coordinates of the point that divides the line segment joining A(1, 2, 3) and B(3, 4, 5) internally in the ratio 2:3. [4 marks]

Q3. Show that the points A(1, 2, 3), B(1, 2, 1), C(2, 3, 2) are vertices of a triangle and find which type by computing all three side lengths. [6 marks]
