

N5 SPTA

N5 Homework

Gradient (A)



Show all working – NO Calculator required.

Marks

1. State the formula used to calculate the gradient between 2 points. (1)

2. a) Calculate the gradient of the line, CD, passing through the points (0, 4) and (6, 0).

b) Find the gradient of the line, AB, passing through the points A(-2, -4) and B(8, 1).

c) Calculate the gradient of a line which is parallel to the line passing through F(4, -7) and G(-8, 2). (6)

3. The line which passes through (-4, 1) and (-7, -11) is parallel to the line through (2, y) and (-3, -3). Find the value of y. (3)

Total Marks: 10