Name: SOLUTIONS

GCSE (1 - 9) Gradient of a Straight Line - Foundation	Solutions:

These questions are compiled from *released* Pearson Edexcel GCSE maths exam papers
They contain exam questions from up until the ***November 2021*** exam series
More recent exam papers do exist but are withheld for mock exams
As new exam papers are released these worksheets will gradually be updated
The ***most current*** version of these worksheets will always be available at: kennethstafford.co.uk
These worksheets were made using examq.co.uk

Question	Paper where the question appeared
1	Edexcel, GCSE, Autumn 2021, Paper 1F, Q28
2	Edexcel, GCSE, Autumn 2018, Paper 2F, Q25

1

The equation of a straight line **L** is $y = 3 - 4x$

(i) Write down the gradient of **L**.

−4

(1)

(ii) Write down the coordinates of the point where **L** crosses the y-axis.

(0 , 3)

(1)

(Total for Question 28 is 2 marks)

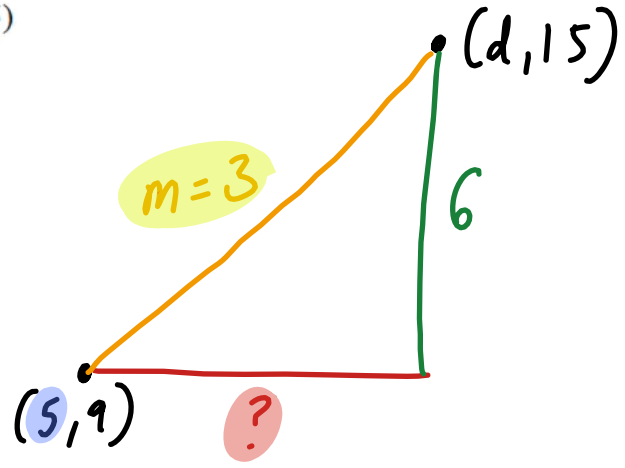
[Edexcel, GCSE, Autumn 2021, Paper 1F, Q28]

2

A is the point with coordinates $(5, 9)$
B is the point with coordinates $(d, 15)$

The gradient of the line AB is 3

Work out the value of d.



6 ÷ 3 = 2

5 + 2 = 7

(Total for Question 25 is 3 marks)

[Edexcel, GCSE, Autumn 2018, Paper 2F, Q25]