

Finding the equation of a straight line

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Name: _____



Find the equation of a line with:

a) gradient 2 passing through the point (4, 6)

b) gradient 5 passing through the point (2, 15)

c) gradient 5 passing through the point (2, 3)

d) gradient 3 passing through the point (1, 3)

e) gradient 7 passing through the point (1, -9)

f) gradient -4 passing through the point (-4, 7)

Find the equation of a line that passes through the points:

a) (1,1) and (3, 5)

b) (3,1) and (1, 7)

c) (3,9) and (1, 5)

d) (4,-2) and (6, 8)

e) (-3,12) and (1, 8)

Exam question:

A straight line, L, passes through the point with coordinates (3, 10)

It has a gradient of 4.

Find an equation of the straight line L in the form $y = mx + c$

