Robot Maths - Equation of a straight line
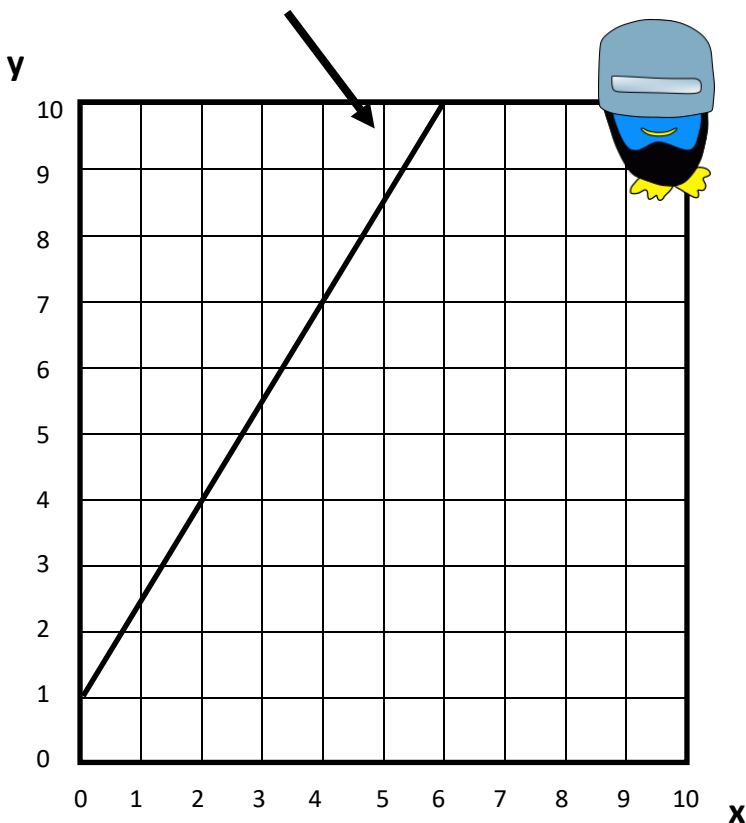
The equation of a line is written in the form:

$$y = mx + c$$
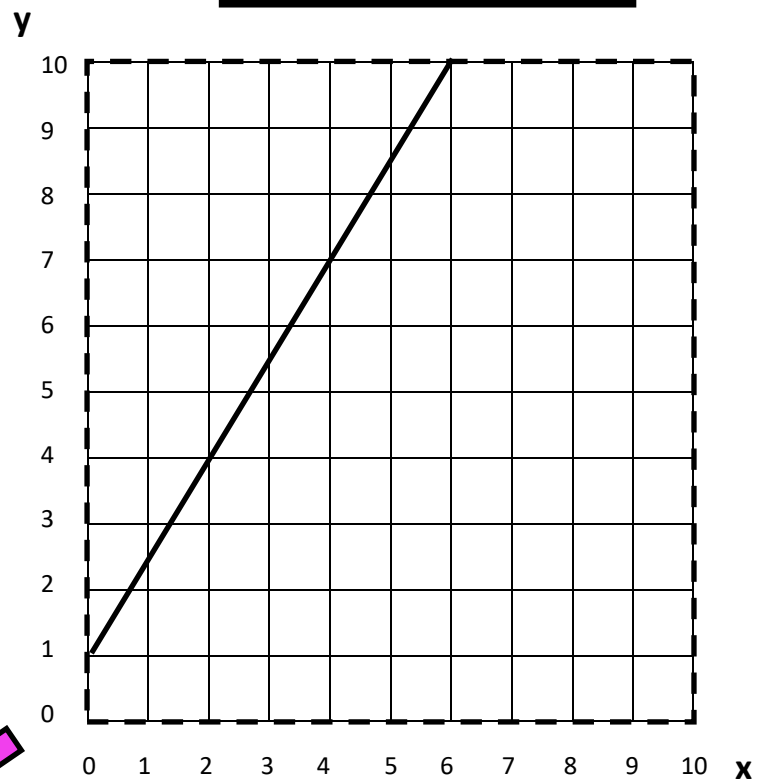
m is the gradient, c is where the line goes through the y-axis

x and y are the co-ordinates (but they just stay as x and y for now)

What is the equation of this line?

1) Work out the gradient: *rise ÷ run*

2) Find the y-intercept

3) Replace m (gradient) and c (y-intercept) with the values you have found

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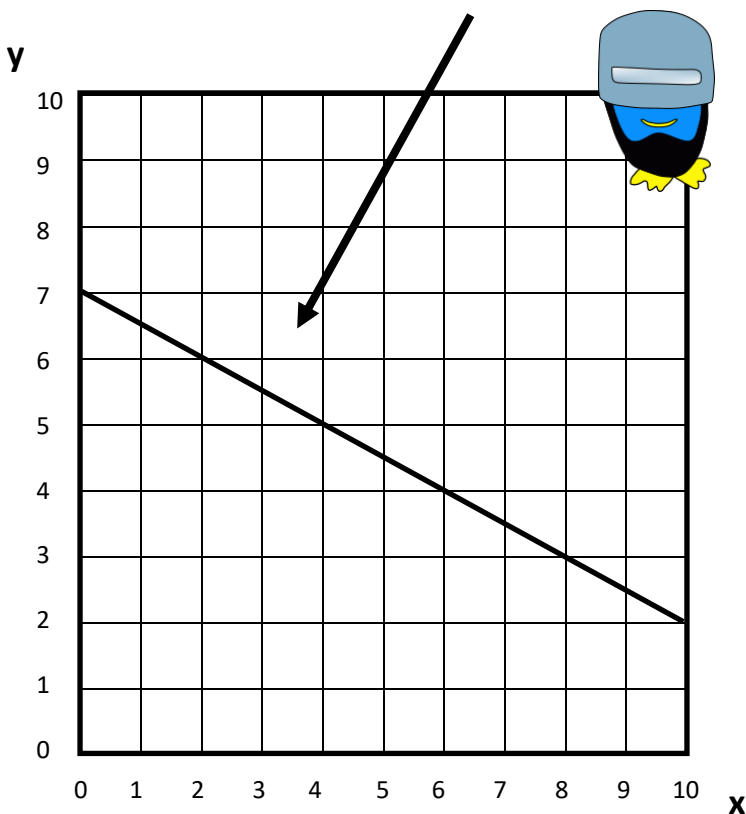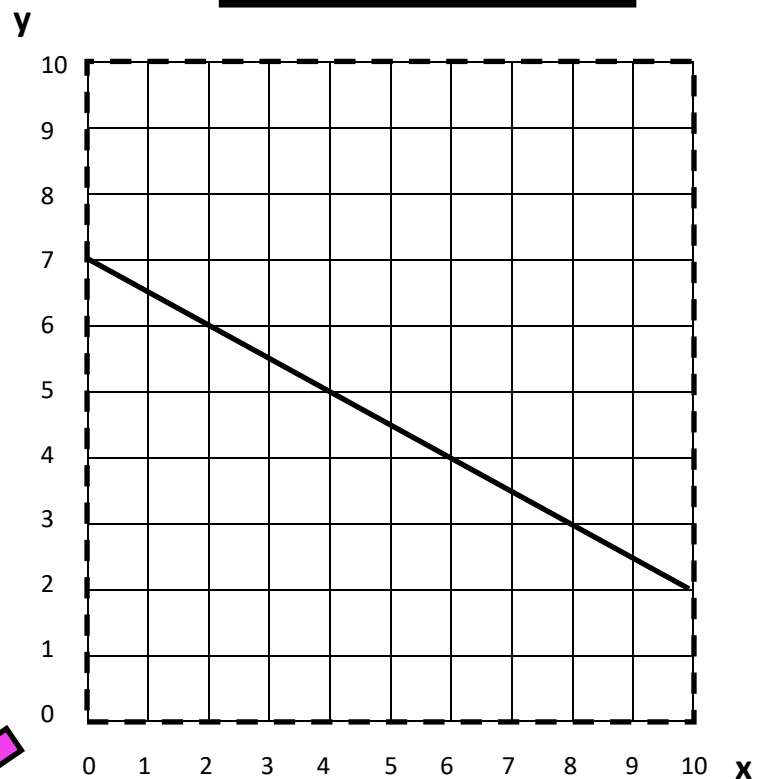The equation of a line is written in the form:

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