## This task is about the gradient and intercepts on a graph.

Graph of y = x - 1

Below is a graph of the function y = x - 1.

16 xy = x - 115 14 -13 12-11-10 9-8y-axis 7 6-5-4 -3-2 1-0 0 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 1 x-axis

- a) What are the co-ordinates of the
  - i) *x*-intercept? ( , )
  - ii) *y*-intercept? ( , )
- b) Calculate the gradient (or slope) of the line.

The gradient is \_\_\_\_

c) On the graph above, plot the function: y = 3x

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