

INTENSIVE MATHEMATICS (PBM1035)
Session December 2017
SELF-EXERCISE 13

Instructions

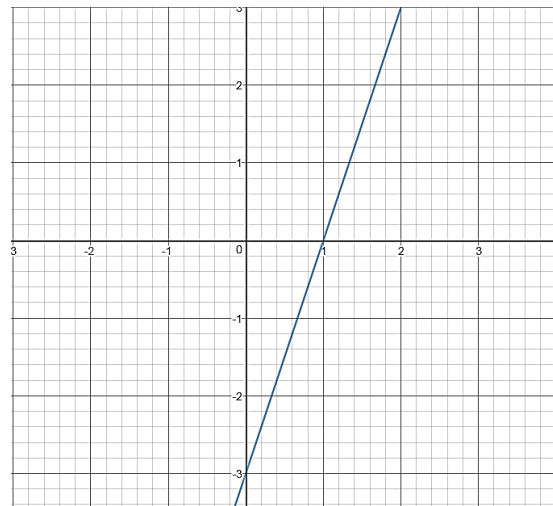
- Answer ALL questions. Write your answers in the spaces provided.
- Show your working. You may use a non-programmable scientific calculator.

1. Given the coordinate points (3, 6) and (6, 8), find

- (a) The gradient
- (b) The mid-point
- (c) The distance between two points
- (d) The y -intercept
- (e) The x -intercept
- (f) The linear equation

Plot the graph for the equation obtained.

2. Given the linear graph as below. Find



- (a) The mid-point between x -intercept and y -intercept.
- (b) The equation for the straight line.