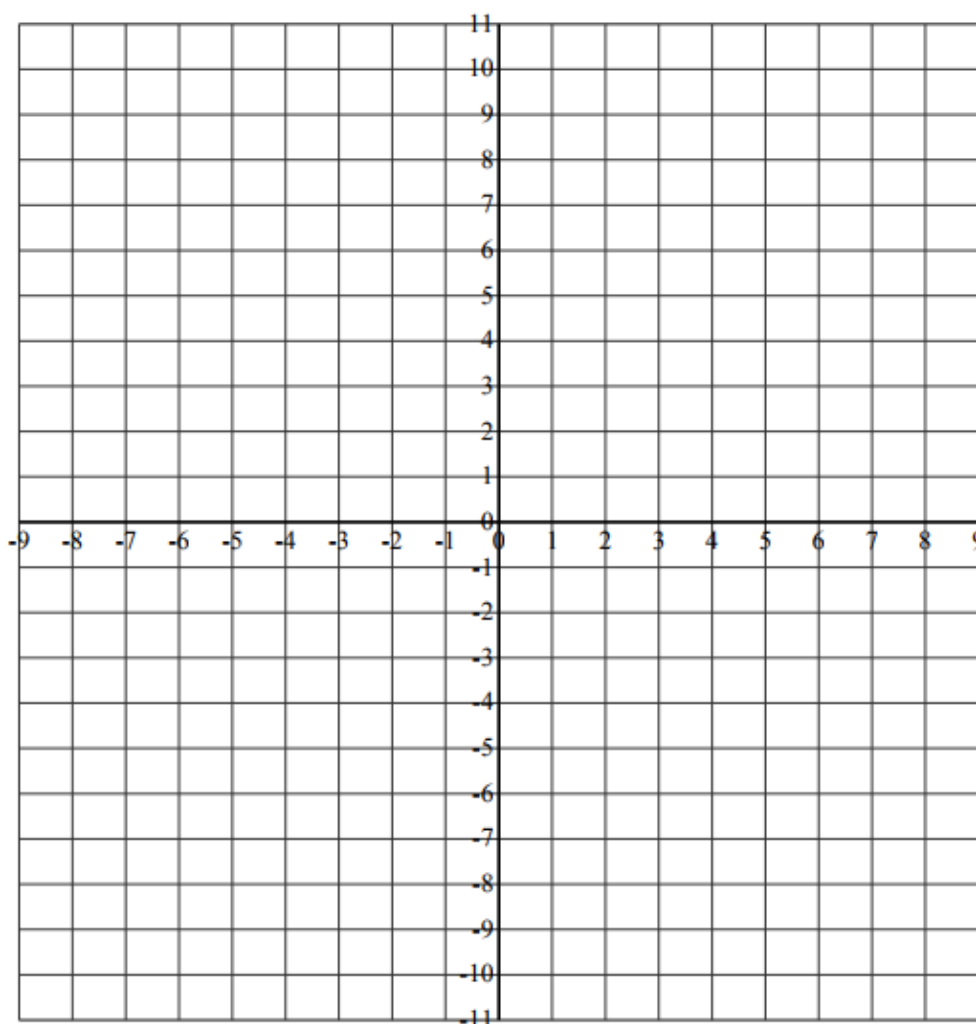Instructions
- Answer ALL questions. Write your answers in the spaces provided.
- Show your working to get marks. You may use a non-programmable scientific calculator.

Question 1

Given a pair of points A(5,10) and B(−8,−8).
   (a) Plot the points given and draw a straight line within two points. **[CLO2, C1]**
   (b) Find the mid-point. **[CLO2, C1]**
   (c) Find the distance between the points. **[CLO2, C2]**

[7 marks]

Question 2 [CLO2, C2]

Construct the point of intersection of the two lines given by graphing.

$$y = -3x + 2$$
$$y = 2x - 3$$

[3 marks]