

4. The point $A(-6, 4)$ and the point $B(8, -3)$ lie on the line L .
- (a) Find an equation for L in the form $ax + by + c = 0$, where a , b and c are integers. (4)
- (b) Find the distance AB , giving your answer in the form $k\sqrt{5}$, where k is an integer. (3)

Q4

(Total 7 marks)



