Coordinate Geometry part2

1) Given the points T (1,2) and V(7,10)
   a) Plot the graph using 1cm as 1unit
   b) Calculate the length of the line
   c) Calculate the midpoint of the line
   d) Calculate the gradient of the line

2) Given the points J (3,1) and K(8,8)
   a) Plot the graph using 1cm as 1unit
   b) Calculate the length of the line
   c) Calculate the midpoint of the line
   d) Calculate the gradient of the line

3) Given the points G (−7,−3) and H(3,10)
   a) Plot the graph using 1cm as 1unit
   b) Calculate the length of the line
   c) Calculate the midpoint of the line
   d) Calculate the gradient of the line

4) Given the points M (−3,−4) and N(6,8)
   a) Plot the graph using 1cm as 1unit
   b) Calculate the length of the line
   c) Calculate the midpoint of the line
   d) Calculate the gradient of the line

5) Given the points P (3,−7) and Q(8,6)
   a) Plot the graph using 1cm as 1unit
   b) Calculate the length of the line
   c) Calculate the midpoint of the line
   d) Calculate the gradient of the line

6) Given the points B (5,−3) and C(−3,7)
   a) Plot the graph using 1cm as 1unit
   b) Calculate the length of the line
   c) Calculate the midpoint of the line
   d) Calculate the gradient of the line

7) Given the points F (−7,−10) and G(−3,−2)
   a) Plot the graph using 1cm as 1unit
   b) Calculate the length of the line
   c) Calculate the midpoint of the line
   d) Calculate the gradient of the line

8) Given the points X (−7,−9) and Y(−1,8)
   a) Plot the graph using 1cm as 1unit
   b) Calculate the length of the line
   c) Calculate the midpoint of the line
   d) Calculate the gradient of the line