FINDING THE EQUATION OF LINES – GIVEN TWO POINTS

Determine the equation of the following lines given the following information.

1) passing through points (4, 3) and (2, 9)

2) passing through points (4, 2) and (8, 4)

3) passing through points (4, -1) and (0, 5)

4) passing through points (-3, -2) and (6, -8)

Use the graphs below to sketch each of the sets of points above to check your answer.