Let
$$f(x) = x^2 - x$$

1. Use the definition of the derivative to find f'(3)

2. Write the equation of the line tangent to the graph y = f(x) at x = 3Verify your answer by graphing f(x) and your line on the same set of axes

3. Use the definition of the derivative to find an expression for f'(x)Verify your answer by graphing f(x) and f'(x) on the same set of axes