Derivatives

Question 1. Calculate the derivative of the following functions:

- $f_1(x) = 3x^2$
- $f_2(x) = 5x^2 18$
- $f_2(x) = 5x^2 18x + 39$
- $f_3(x) = sin(x)$
- $f_4(x) = sin(x) * x^2$
- $f_5(x) = \frac{5x^3 2x + 1}{2x 7}$
- $f_6(x) = ax^2 + bx + c$