1) Find the derivative of the function below.

$f(x) = 3x^2 - 2x + 1$

$f'(x) = 6x - 2$

2) Find $\frac{d}{dx} 3x^7 = 21x^6$.

3) Find third derivative of the function below.

$f(x) = x^5$

$f'(x) = 5x^4$
$f''(x) = 20x^3$
$f'''(x) = 60x^2$

4) On the graph given, sketch the derivative of the function provided.