Use the definition of derivative, the four-step method, to find f '(x) for each of the following functions. Show your process neatly organized.

1. $f(x) = x^2$ f'(x) =_____

2.
$$f(x) = 5 + 4x - x^2$$
 $f'(x) =$ _____

Use the definition of derivative, the four-step method, to find f '(x) for each of the following functions. Show your process neatly organized.

3. f(x) = 4x - 1 f'(x) =_____

4. $f(x) = 2x^2 - 3x + 5$ f'(x) =_____