## Calculus Class Worksheet \#1 Unit 1 page 1

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. $f(x)=x^{2} \quad f^{\prime}(x)=$
2. $f(x)=5+4 x-x^{2} \quad f^{\prime}(x)=$

## Calculus Class Worksheet \#1 Unit 1 page 2

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. $f(x)=4 x-1 \quad f^{\prime}(x)=$
4. $f(x)=2 x^{2}-3 x+5 \quad f^{\prime}(x)=$

