NAME: (print!) _____   **Section:** _____

E-MAIL ADDRESS: (print!) _____

1. Compute $f'(2)$, if
$$f(x) = x^2 \quad,$$
using the limit definition.

2. Compute $f'(x)$ from the limit definition (no credit for other methods!), where $f(x) = \frac{1}{x+1}$.