

Name: _____

Math 135, Quiz # 2, February 3, 2014

1. Evaluate $\lim_{x \rightarrow 2^+} \frac{1}{(x-2)^3}$ and $\lim_{x \rightarrow 2^-} \frac{1}{(x-2)^3}$. Use these to evaluate $\lim_{x \rightarrow 2} \frac{1}{(x-2)^3}$.

2. Evaluate $\lim_{x \rightarrow 4} \frac{x^2 + x - 20}{(x-1)^2 - 9}$.