

Quiz 1

Name:

ID:

Evaluate the following limits:

1. $\lim_{u \rightarrow -3} \frac{\sqrt{u^2+7}-4}{u+3}$

2. $\lim_{x \rightarrow 2} \frac{x^2+x-6}{|x-2|}$

3. $\lim_{h \rightarrow 0} \frac{(-5+h)^2-25}{h}$

4. $\lim_{x \rightarrow 0} x^3 \cos^2 \frac{2\pi}{x}$