

Math 157 - Quiz 4

September 14, 2016

Name _____

Score _____

Show all work to receive full credit. Supply explanations when necessary.

1. (3 points) Use algebra to find the limit: $\lim_{x \rightarrow 2} \frac{x^2 + x - 6}{x - 2}$

2. (3 points) Use any method to find the limit: $\lim_{x \rightarrow -3} (4x^2 - 7x + 4)$

3. (4 points) Use a table of values to estimate the following limit. Your table must show function values at six or more points.

$$\lim_{x \rightarrow 4} \frac{12 + x - x^2}{2 - \sqrt{x}}$$