Quiz 3 Key — MA161 — September 5, 2018
Alden Bradford

Min	Mean	Max
8	19	20

1. (12 points) Evaluate the limit, if it exists.

$$\lim_{h \to 0} \frac{\sqrt{9 + h} - 3}{h}$$

1/6

2. (8 points) Compute the limit:

$$\lim_{x \to 3} \frac{x - 3}{x^2 - x - 6}$$

1/5

NOTE: this problem appeared on the first midterm exam in the fall of 2016.