

Quiz 3 — MA161 — September 5, 2018

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

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

2. (8 points) Compute the limit:

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