

QUIZ NUMBER ONE FOR MTH102 SPRING007

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Name \_\_\_\_\_, Id. Num. \_\_\_\_\_, Score  $\overline{15}$

QUESTION 1. (1)  $\lim_{x \rightarrow 1} \frac{\sqrt{x+8}-3}{x-1}$

(2)  $\lim_{x \rightarrow 2} \frac{x^2-5x+6}{x(x-2)}$

(3) Consider the following graph of  $f(x)$ .