

Evaluating Limits Quiz

1. Evaluate the following limits if they exist. If the limit does not exist, explain why.

a.

$$\lim_{x \rightarrow 3} \frac{-5x}{\sqrt{4x-3}}$$

b.

$$\lim_{x \rightarrow 1} \left(\frac{1}{x^2 - x} - \frac{1}{x - 1} \right)$$