

King Fahd University of Petroleum and Minerals
Department of Mathematical Sciences
Math 101.06 Quiz I form A Spring (042)

ID #: _____ NAME: _____

Serial # _____ Section #: _____

Find the following limits:

1. $\lim_{x \rightarrow 8} \frac{x - 8}{\sqrt[3]{x} - 2}$.

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

3. $\lim_{x \rightarrow 1} \frac{x^4 - 1}{x^2 + 2x - 3}$.

4. $\lim_{x \rightarrow 1^+} (x - \sqrt{x^2 - 1})$.

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Department of Mathematical Sciences
Math 101.06 Quiz I form B Spring (042)

ID #: _____ NAME: _____

Serial # _____ Section #: _____

Find the following limits:

1. $\lim_{x \rightarrow -2} \frac{x + 2}{x^2 + x - 2}$.

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

3. $\lim_{h \rightarrow 0} \frac{1}{n} \left[\frac{1}{\sqrt{9 + h}} - \frac{1}{3} \right]$.

4. $\lim_{x \rightarrow 0} \frac{|x - 1| - 1}{x}$.