Quizizz

NAME : _____

CLASS : _____

DATE : _____

Limits and Continuity Review 1
15 Questions

1. All review videos for limits, continuity and derivatives are on www.khanacademy.org under AP Calculus. There are also practice problems there. I also will send messages through our Canvas class.

A False

B True

2. $\lim_{x \to 6} \frac{x^2 - 36}{x - 6}$ What is the limit?

A 6

B Infinity

C DNE

D 12

3. $g(x) = \begin{cases} x^2 - 3 & x < 1 \\ 2x + 4 & x > 1 \end{cases}$ Evaluate

$\lim_{x \to 1} g(x) =$

A -7

B DNE

C 0

D 1

4. $\lim_{x \to \infty} \frac{9}{x^2 + 1}$.

A 1

B 9

C 0

D Does Not Exist

5. 25) $\lim_{x \to 0} \frac{\sqrt{9 - x} - 3}{x}$

A 6

B 3

C -1/6

D 1/6

6. $\frac{1}{}$ Which of the following best describes the continuity at x = 5?