

Calculus Ch2 Test

Evaluate $\lim_{x \rightarrow 2} \frac{\sqrt{x+7}-3}{x-2}$

Evaluate $\lim_{x \rightarrow \infty} \frac{3x^2 - 5x + 1}{7x^2 + 4}$

$\lim_{x \rightarrow 0} \frac{\sqrt{1+5x}-1}{x}$

$\lim_{x \rightarrow 2^-} \frac{|x-2|}{x-2}$ and $\lim_{x \rightarrow 2^+} \frac{|x-2|}{x-2}$

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

$$\lim_{x \rightarrow 0} \frac{\sqrt{1+x} - \sqrt{1-x}}{x}$$

$$\lim_{x \rightarrow 3} \frac{\sqrt{x+6} - 3}{x - 3}$$