

1 2.1/2.2: Intro to Calculus and Limits

Goal #1: To find the slope of a line tangent to a curve at a given point.

Concept of a Limit:

Infinite Limits and Vertical Asymptotes:

Examples:

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

On Your Own: $\lim_{x \rightarrow 3} \frac{x^2 + 1}{(x - 3)^2}$

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