

Limits as x Approaches Infinity, Part 2

Name _____

Date _____ Period _____

Find the following limits

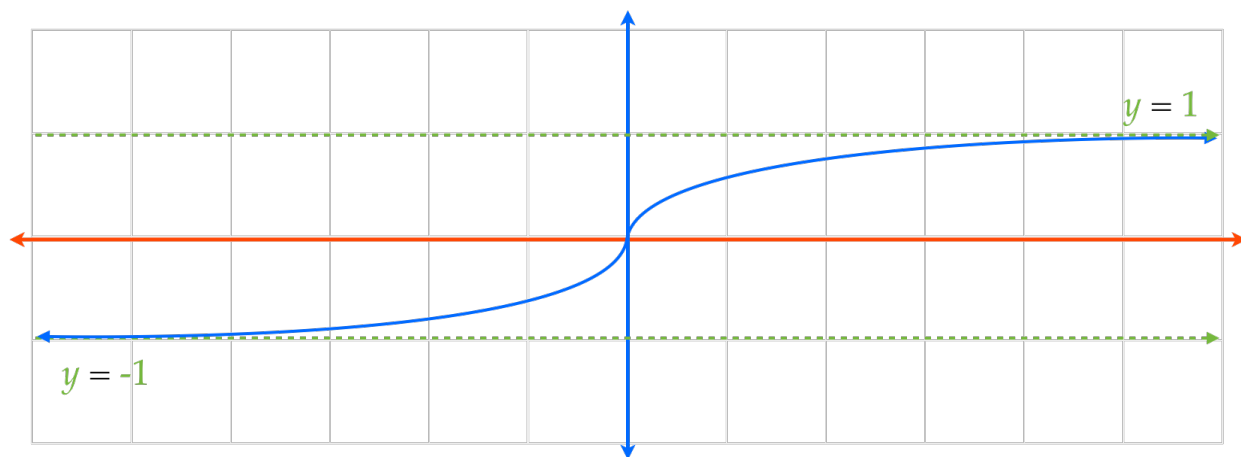
$$\lim_{x \rightarrow \infty} \frac{2x}{\sqrt{4x^2 + 1}}$$

$$\lim_{x \rightarrow -\infty} \frac{2x}{\sqrt{4x^2 + 1}}$$

Find the following limits

$$\lim_{x \rightarrow \infty} \frac{2x}{\sqrt{4x^2 + 1}}$$

$$\lim_{x \rightarrow -\infty} \frac{2x}{\sqrt{4x^2 + 1}}$$



Find the following limits

$$\lim_{x \rightarrow \infty} \frac{3x - 4}{\sqrt{2x^2 + 3}}$$

$$\lim_{x \rightarrow -\infty} \frac{3x - 4}{\sqrt{2x^2 + 3}}$$

Find the following limits

$$\lim_{x \rightarrow \infty} \frac{3x - 4}{\sqrt{2x^2 + 3}}$$

$$\lim_{x \rightarrow -\infty} \frac{3x - 4}{\sqrt{2x^2 + 3}}$$

