

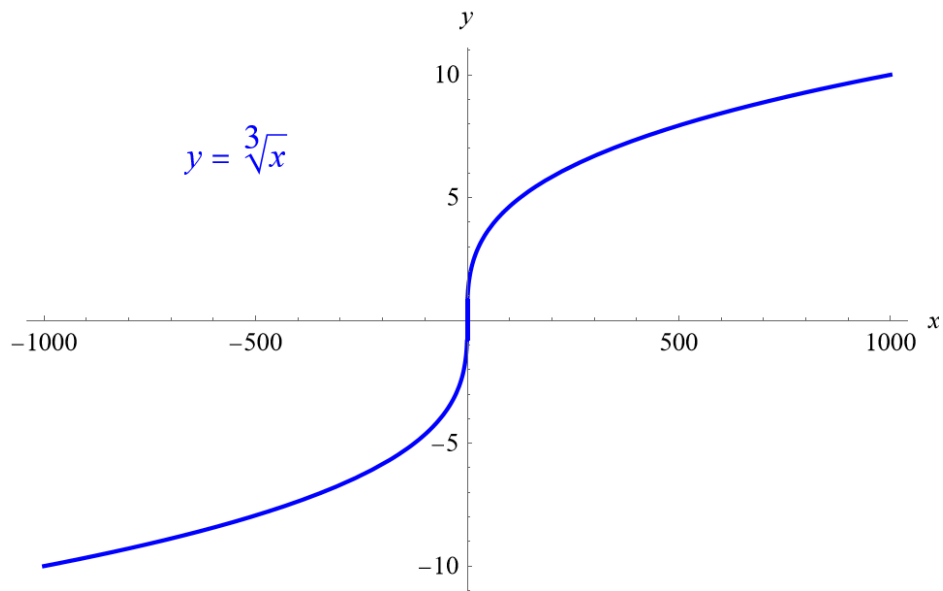
Exercise 86

For the following exercises, graph $y = \sqrt[3]{x}$ on the given domain. Determine the corresponding range. Show each graph.

$$[-1000, 1000]$$

Solution

Below is a graph of $y = \sqrt[3]{x}$ versus x over $-1000 \leq x \leq 1000$.



The range associated with $\{x \mid -1000 \leq x \leq 1000\}$ is $\{y \mid -10 \leq y \leq 10\}$.