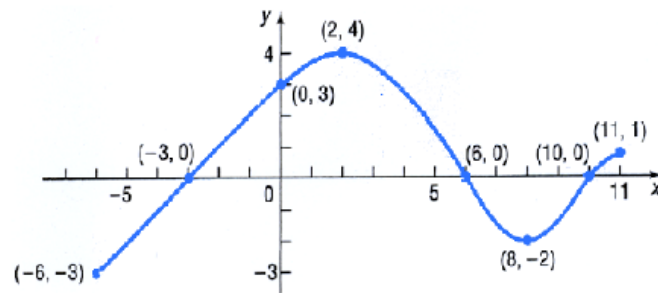


Graphical Limits

Let $f(x)$ be a function defined on the interval $[-6, 11]$ whose graph is given as:



The limits are defined as the value that the function approaches as it goes to an x value. Using this definition, it is possible to find the value of the limits given a graph. A few examples are below:

$$\lim_{x \rightarrow -3} f(x) = 0$$

$$\lim_{x \rightarrow 2} f(x) = 4$$

$$\lim_{x \rightarrow 8} f(x) = -2$$

In general, you can see that these limits are equal to the value of the function. This is true if the function is continuous.