

Exercise 17

Sketch the graph of an example of a function f that satisfies all of the given conditions.

$$\lim_{x \rightarrow 3^+} f(x) = 4, \quad \lim_{x \rightarrow 3^-} f(x) = 2, \quad \lim_{x \rightarrow -2} f(x) = 2, \quad f(3) = 3, \quad f(-2) = 1$$

Solution

