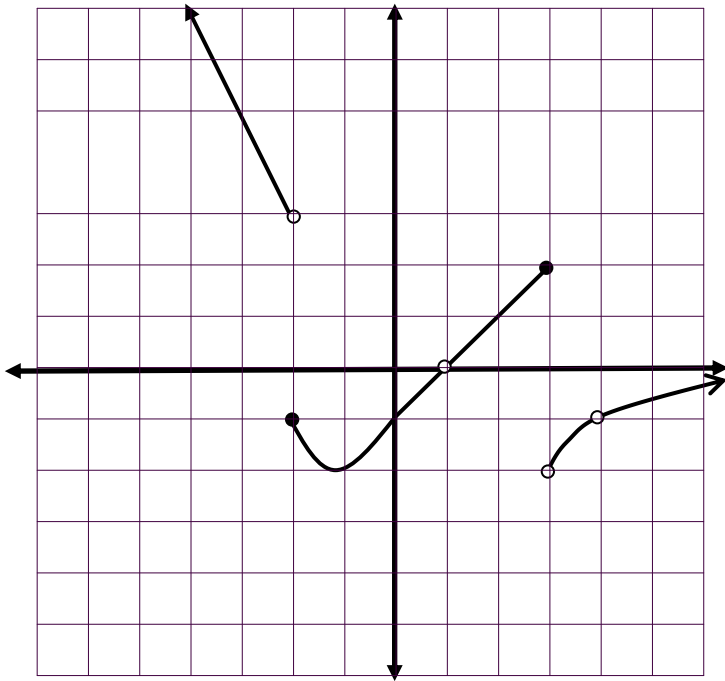


8.1 Using Graphs to Evaluate Limits

1) Given the graph of a function, find the requested values.



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

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

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

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

$$\lim_{x \rightarrow -1^+} f(x) =$$

$$\lim_{x \rightarrow -1} f(x) =$$

$$\lim_{x \rightarrow 1^+} f(x) =$$

$$\lim_{x \rightarrow 1} f(x) =$$

$$\lim_{x \rightarrow 3^+} f(x) =$$

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

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

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

$$f(-2) =$$

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

$$f(-3) =$$

$$\lim_{x \rightarrow -1^-} f(x) =$$

$$f(-1) =$$

$$\lim_{x \rightarrow 1^-} f(x) =$$

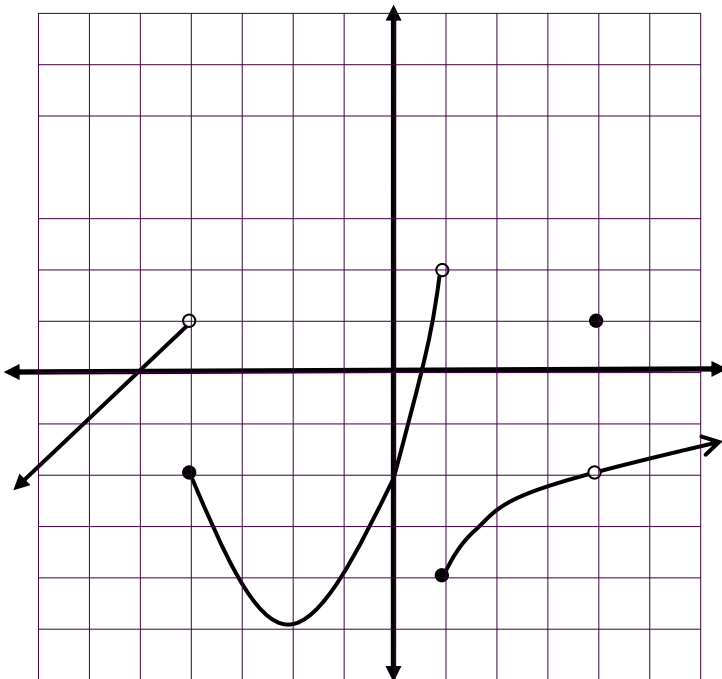
$$f(1) =$$

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

$$f(3) =$$

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

2) Given the graph of a function, find the requested values.



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

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

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

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

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

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

$$\lim_{x \rightarrow 1^+} f(x) =$$

$$\lim_{x \rightarrow 1} f(x) =$$

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

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

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

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

$$f(-2) =$$

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

$$f(3) =$$

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

$$f(2) =$$

$$\lim_{x \rightarrow 1^-} f(x) =$$

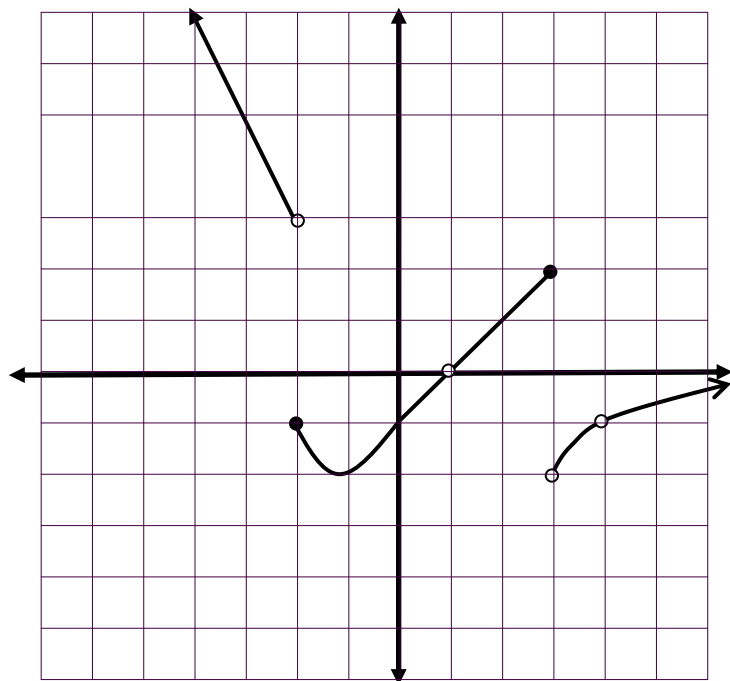
$$f(1) =$$

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

$$f(4) =$$

$$\lim_{x \rightarrow \infty} f(x) =$$

1) Given the graph of a function, find the requested values.



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

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

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

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

$$\lim_{x \rightarrow -1^+} f(x) =$$

$$\lim_{x \rightarrow -1} f(x) =$$

$$\lim_{x \rightarrow 1^+} f(x) =$$

$$\lim_{x \rightarrow 1} f(x) =$$

$$\lim_{x \rightarrow 3^+} f(x) =$$

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

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

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

$$f(-2) =$$

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

$$f(-3) =$$

$$\lim_{x \rightarrow -1^-} f(x) =$$

$$f(-1) =$$

$$\lim_{x \rightarrow 1^-} f(x) =$$

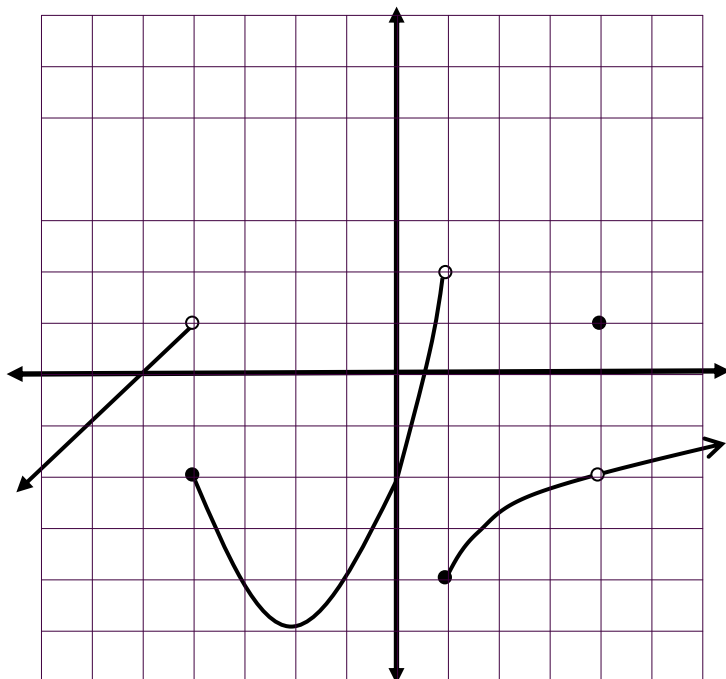
$$f(1) =$$

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

$$f(3) =$$

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

2) Given the graph of a function, find the requested values.



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

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

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

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

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

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

$$\lim_{x \rightarrow 1^+} f(x) =$$

$$\lim_{x \rightarrow 1} f(x) =$$

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

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

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

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

$$f(-2) =$$

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

$$f(3) =$$

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

$$f(2) =$$

$$\lim_{x \rightarrow 1^-} f(x) =$$

$$f(1) =$$

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

$$f(4) =$$

$$\lim_{x \rightarrow \infty} f(x) =$$