2.1 Review

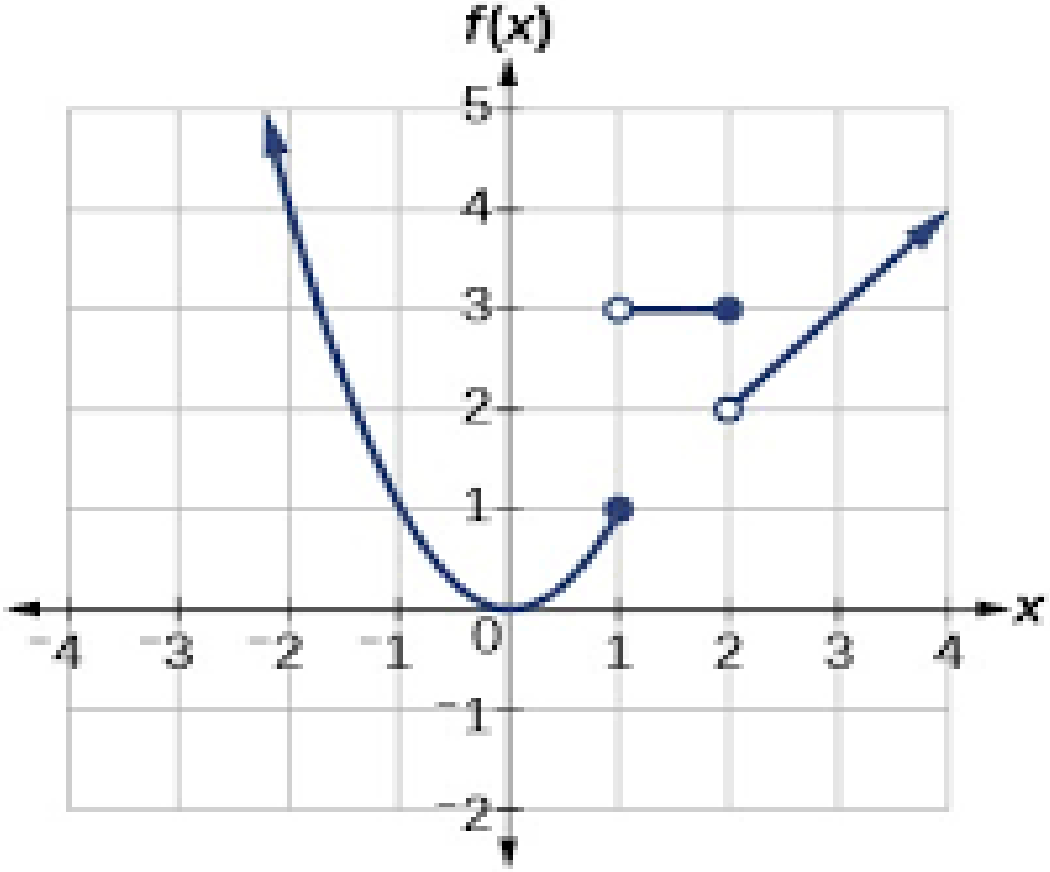
Given a graph

1a. f(-1) =

1b. $\lim_{x \to -1^-} f(x) =$

1c. $\lim_{x \to -1^+} f(x) =$

1d. $\lim_{x \to -1} f(x) =$



2a. f(1) =

2b. $\lim_{x \to 1^-} f(x) =$

2c. $\lim_{x \to 1^+} f(x) =$

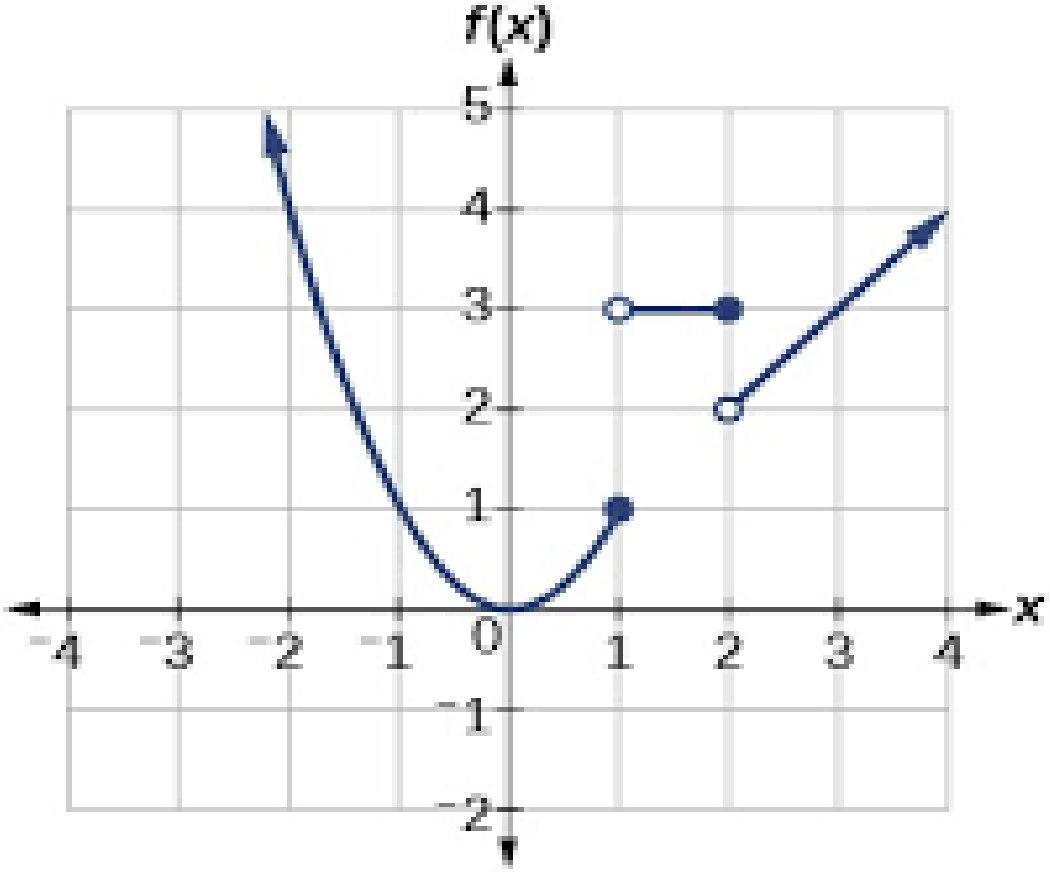
2d. $\lim_{x \to 1} f(x) =$

1a. f(2) =

1b. $\lim_{x \to 2^-} f(x) =$

1c. $\lim_{x \to 2^+} f(x) =$

1d. $\lim_{x \to 2} f(x) =$



2a. f(3) =

2b. $\lim_{x \to 3^-} f(x) =$

2c. $\lim_{x \to 3^+} f(x) =$

2d. $\lim_{x \to 3} f(x) =$

$$f(x) = \begin{cases} 2 + x & x \le 2 \\ x^2 & x > 2 \end{cases}$$

$a)\quad \lim_{x \to 2^-} f(x) =$ $\qquad b)\quad \lim_{x \to 2^+} f(x) =$

$c)\quad \lim_{x \to 2} f(x) =$ $\qquad$ d) f(2)=

e) Is f(x) continuous? Justify your answer.