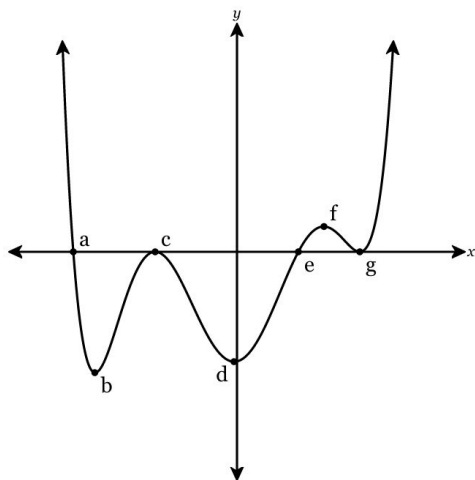
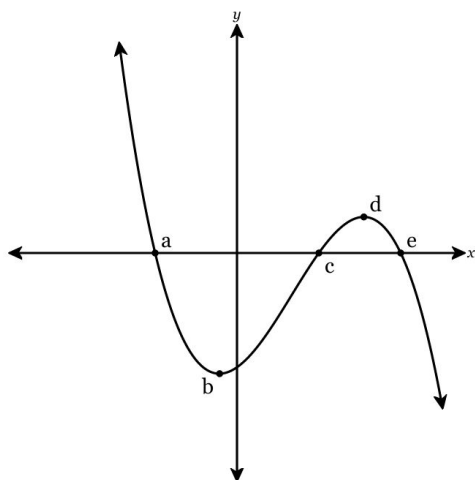


1. The function $f(x)$ is graphed below. What is true about the graph on the interval from point e to point f ?



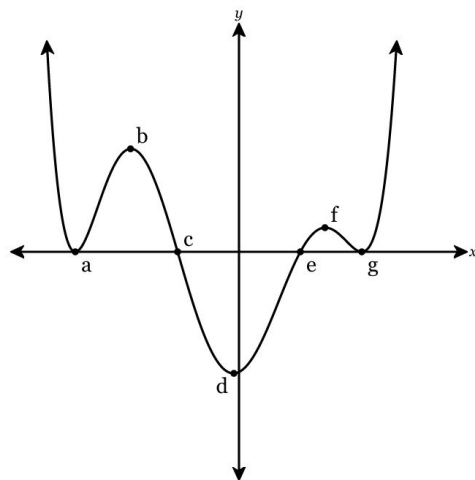
- A. It is positive and increasing
- B. It is positive and decreasing
- C. It is negative and increasing
- D. It is negative and decreasing

2. The function $f(x)$ is graphed below. What is true about the graph on the interval from $x = -\infty$ to $x = a$?



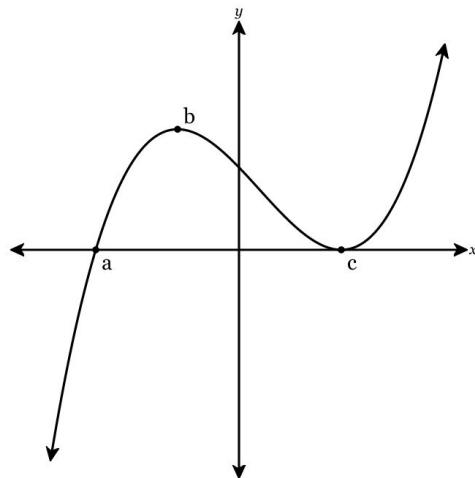
- A. It is positive and increasing
- B. It is positive and decreasing
- C. It is negative and increasing
- D. It is negative and decreasing

3. The function $f(x)$ is graphed below. What is true about the graph on the interval from $x = g$ to $x = \infty$?



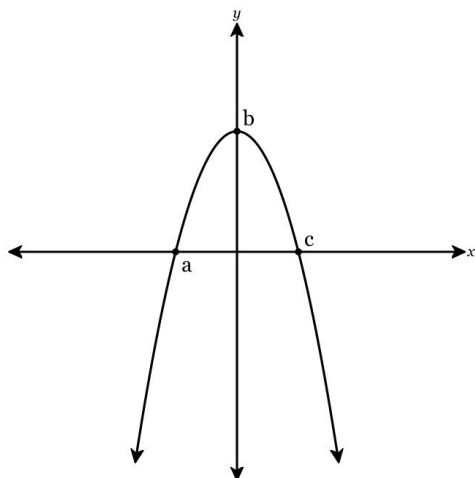
- A. It is positive and increasing
- B. It is positive and decreasing
- C. It is negative and increasing
- D. It is negative and decreasing

4. The function $f(x)$ is graphed below. What is true about the graph on the interval from $x = c$ to $x = \infty$?



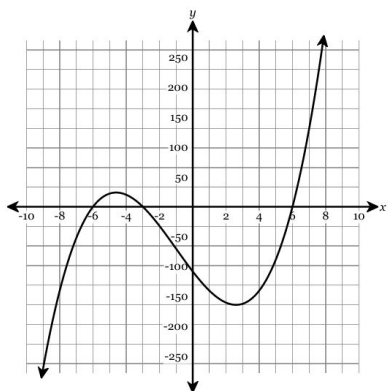
- A. It is positive and increasing
- B. It is positive and decreasing
- C. It is negative and increasing
- D. It is negative and decreasing

5. The function $f(x)$ is graphed below. What is true about the graph on the interval from $x = c$ to $x = \infty$?



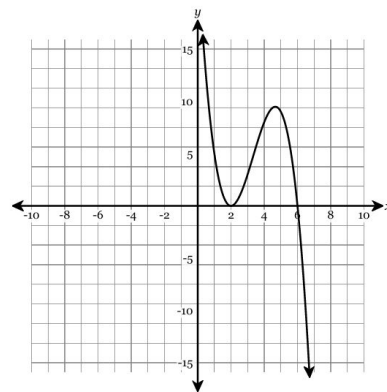
- A. It is positive and increasing
 B. It is positive and decreasing
 C. It is negative and increasing
 D. It is negative and decreasing

6. The graph of $y = f(x)$ is graphed below. What is the end behavior of $f(x)$?



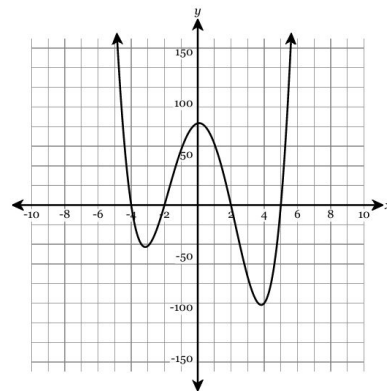
- A. as $x \rightarrow \infty, f(x) \rightarrow -\infty$ and as $x \rightarrow -\infty, f(x) \rightarrow \infty$
 B. as $x \rightarrow \infty, f(x) \rightarrow \infty$ and as $x \rightarrow -\infty, f(x) \rightarrow \infty$
 C. as $x \rightarrow \infty, f(x) \rightarrow -\infty$ and as $x \rightarrow -\infty, f(x) \rightarrow -\infty$
 D. as $x \rightarrow \infty, f(x) \rightarrow \infty$ and as $x \rightarrow -\infty, f(x) \rightarrow -\infty$

7. The graph of $y = f(x)$ is graphed below. What is the end behavior of $f(x)$?



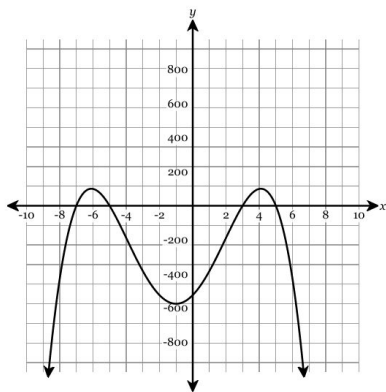
- A. as $x \rightarrow -\infty, y \rightarrow -\infty$ and as $x \rightarrow \infty, y \rightarrow \infty$
 B. as $x \rightarrow -\infty, y \rightarrow \infty$ and as $x \rightarrow \infty, y \rightarrow \infty$
 C. as $x \rightarrow -\infty, y \rightarrow \infty$ and as $x \rightarrow \infty, y \rightarrow -\infty$
 D. as $x \rightarrow -\infty, y \rightarrow -\infty$ and as $x \rightarrow \infty, y \rightarrow -\infty$

8. The graph of $y = f(x)$ is graphed below. What is the end behavior of $f(x)$?



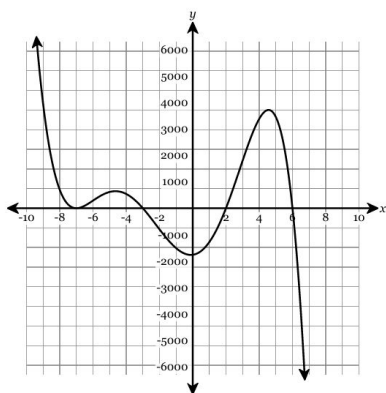
- A. as $x \rightarrow \infty, f(x) \rightarrow -\infty$ and as $x \rightarrow -\infty, f(x) \rightarrow \infty$
 B. as $x \rightarrow \infty, f(x) \rightarrow \infty$ and as $x \rightarrow -\infty, f(x) \rightarrow \infty$
 C. as $x \rightarrow \infty, f(x) \rightarrow \infty$ and as $x \rightarrow -\infty, f(x) \rightarrow -\infty$
 D. as $x \rightarrow \infty, f(x) \rightarrow -\infty$ and as $x \rightarrow -\infty, f(x) \rightarrow -\infty$

9. The graph of $y = f(x)$ is graphed below. What is the end behavior of $f(x)$?



- A. as $x \rightarrow -\infty, f(x) \rightarrow \infty$ and as $x \rightarrow \infty, f(x) \rightarrow -\infty$
- B. as $x \rightarrow -\infty, f(x) \rightarrow -\infty$ and as $x \rightarrow \infty, f(x) \rightarrow \infty$
- C. as $x \rightarrow -\infty, f(x) \rightarrow \infty$ and as $x \rightarrow \infty, f(x) \rightarrow \infty$
- D. as $x \rightarrow -\infty, f(x) \rightarrow -\infty$ and as $x \rightarrow \infty, f(x) \rightarrow -\infty$

10. The graph of $y = f(x)$ is graphed below. What is the end behavior of $f(x)$?



- A. as $x \rightarrow \infty, y \rightarrow \infty$ and as $x \rightarrow -\infty, y \rightarrow \infty$
- B. as $x \rightarrow \infty, y \rightarrow \infty$ and as $x \rightarrow -\infty, y \rightarrow -\infty$
- C. as $x \rightarrow \infty, y \rightarrow -\infty$ and as $x \rightarrow -\infty, y \rightarrow \infty$
- D. as $x \rightarrow \infty, y \rightarrow -\infty$ and as $x \rightarrow -\infty, y \rightarrow -\infty$