MODULE 1

LESSON 4

QUIZ

- 1. Question. Which of the following relations is a function?
 - A. $y^2 = x^4 + 1$
 - B. $\{(2,3), (2,2), (5,2), (3,17)\}$
 - C. $y \neq x$
 - D. $\{(2,3), (1,2), (5,2), (3,17)\}$

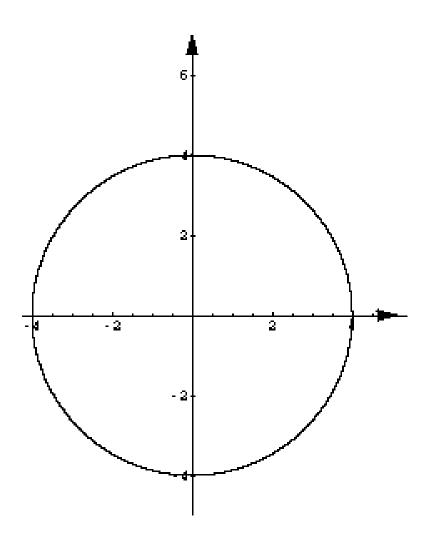
Go to answer 1

- 2. Question. Which of the following points lie on the same vertical line?
 - A. (5,4), (4,4), and (7,4)
 - B. (2,3), (2,27), and (2,-4)
 - C. (5,5), (4,4), and (7,7)
 - D. (3,4), (4,3), and (3,2)

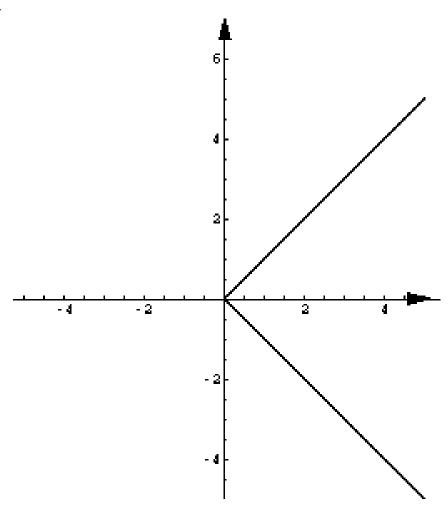
Go to answer 2

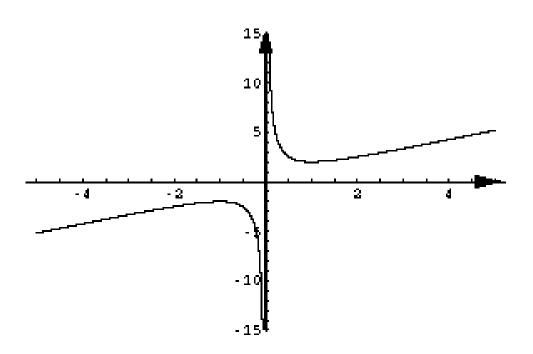
 $3.\,$ Question. Which of the following graphs represents a function?

A.

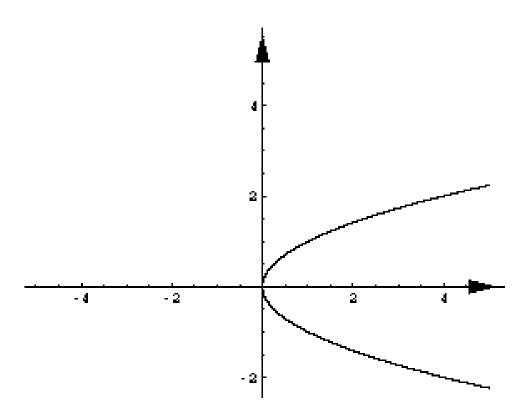


В.





D.



Go to answer 3

4. Question. Which of the following equations describe a function?

A.
$$y = 6x^4 - 5x^2 + 1$$

B.
$$y^2 = 3x^4 + 1$$

C.
$$|y| = x$$

D.
$$x = \sqrt{y^2 + 1}$$

Go to answer 4

5. Question. Which of the following functions is increasing in $(-\infty, \infty)$?

A.
$$y = -5x$$

B.
$$y = \frac{1}{5}x$$

C.
$$y = x^2$$

D.
$$y + 10x = 2$$

Go to answer 5

ANSWERS

1. Answer to Question 1 is "D".

Go back 1

2. Answer to Question 2 is "B".

Go back 2

3. Answer to Question 3 is "C".

Go back 3

4. Answer to Question 4 is "A".

Go back 4

5. Answer to Question 5 is "B".

Go back 5