## MODULE 1 <br> 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.

B.

C.

D.


Go to answer 3
4. Question. Which of the following equations describe a function?
A. $y=6 x^{4}-5 x^{2}+1$
B. $y^{2}=3 x^{4}+1$
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. $y=-5 x$
B. $y=\frac{1}{5} x$
C. $y=x^{2}$
D. $y+10 x=2$

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

