

Review 8.1 - 8.2

1. Which quadrant contains:

- A. (7, -9) _____
 B. (-10, -1) _____

2. Is the following a linear equation? (Yes or No)

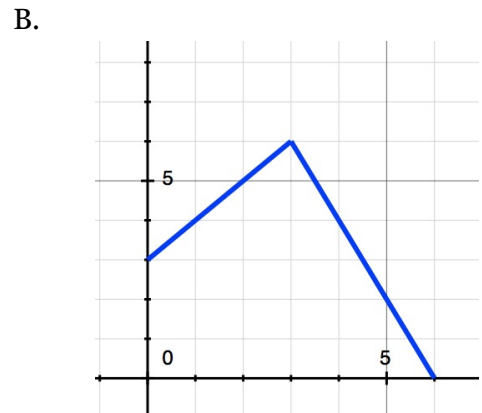
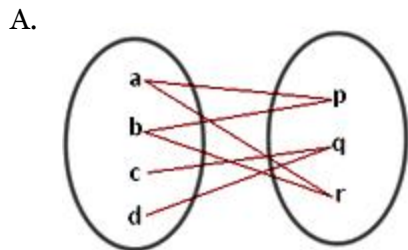
- A. $y = -7xy - 3$ _____
 B. $x = 10$ _____
 C. $y = \frac{3}{7x} + 3$ _____

3. Given the following chart:

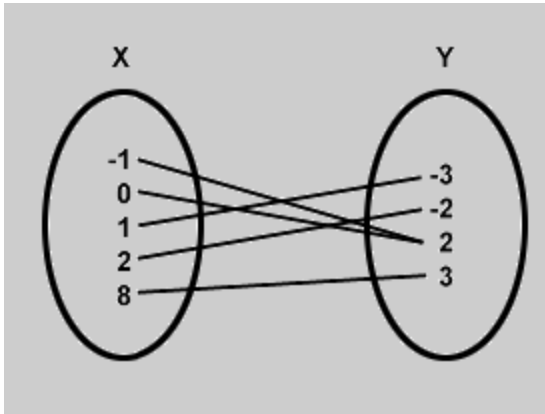
x	-5	-3	3	0
y	9	9	11	12

- A. Name each coordinate: _____
 B. Name the domain: _____
 C. Is this a function? _____

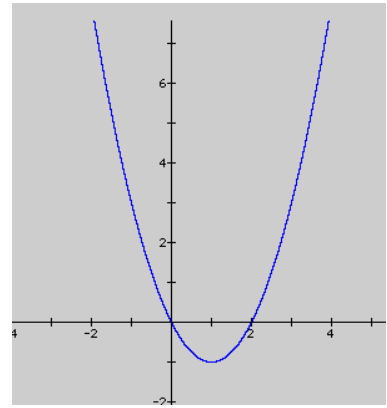
4. Does each graphic represent a function? (Yes or No)



C.



D.



5. Determine the value for the function:

A. $f(x) = 9 - x^2$ for $f(a + 3)$ _____

B. $f(x) = 4x - x$ for $f[g(-6)]$
 $g(x) = x^2 - 3x$ _____

6. Determine the slope:

A. $(-11, 9)$ $(2, 9)$ _____

B. $(15, 15)$ $(-5, 5)$ _____

7. Graph the lines containing the points and slopes:

A. $(-8, 2)$; $m = -4$

B. $(5, 0)$; $m = \text{undefined}$

