

Name : \_\_\_\_\_

# Functions - Ordered Pairs

Sheet 1

A) State whether each set of ordered pairs represents a function.

1)  $\{(10, 9), (-2, -16), (-6, 7), (5, 8), (8, -16), (-11, 9)\}$

\_\_\_\_\_

2)  $\{(-7, 4), (-8, 3), (-7, 7), (-20, 8), (5, 9), (3, 1), (2, 6)\}$

\_\_\_\_\_

3)  $\{(-13, 4), (7, -15), (-13, 9), (6, -12), (-18, 0)\}$

\_\_\_\_\_

4)  $\{(15, -3), (-6, 9), (-3, 0), (-1, 16)\}$

\_\_\_\_\_

5)  $\{(-4, 3), (5, -9), (11, 4), (9, 6), (5, -3), (8, -9), (1, 4)\}$

\_\_\_\_\_

6)  $\{(12, -18), (15, 1), (12, 5), (0, 9), (-5, -17)\}$

\_\_\_\_\_

7)  $\{(6, 0), (-12, -16), (-6, 10), (20, -7)\}$

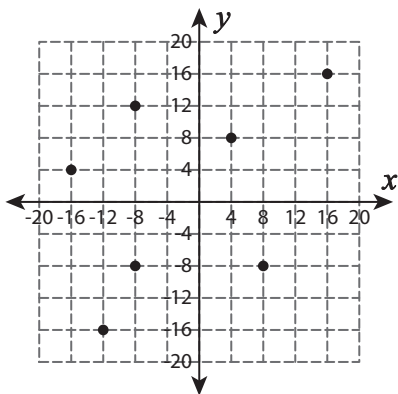
\_\_\_\_\_

8)  $\{(-2, -4), (-8, 3), (-7, -4), (-2, -8), (11, 8), (9, -4)\}$

\_\_\_\_\_

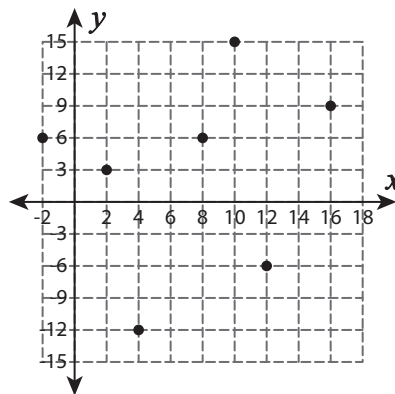
B) State whether each set of ordered pairs on the graph represents a function.

1)



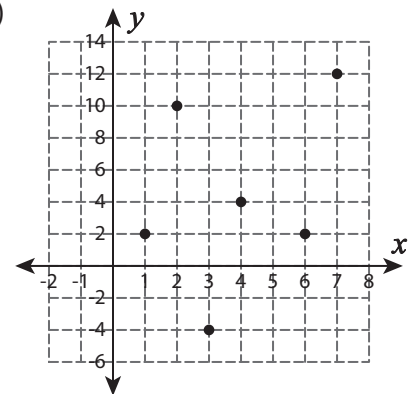
\_\_\_\_\_

2)



\_\_\_\_\_

3)



\_\_\_\_\_

**Functions - Ordered Pairs**

A) State whether each set of ordered pairs represents a function.

1)  $\{(10, 9), (-2, -16), (-6, 7), (5, 8), (8, -16), (-11, 9)\}$

**Yes**

2)  $\{(-7, 4), (-8, 3), (-7, 7), (-20, 8), (5, 9), (3, 1), (2, 6)\}$

**No**

3)  $\{(-13, 4), (7, -15), (-13, 9), (6, -12), (-18, 0)\}$

**No**

4)  $\{(15, -3), (-6, 9), (-3, 0), (-1, 16)\}$

**Yes**

5)  $\{(-4, 3), (5, -9), (11, 4), (9, 6), (5, -3), (8, -9), (1, 4)\}$

**No**

6)  $\{(12, -18), (15, 1), (12, 5), (0, 9), (-5, -17)\}$

**No**

7)  $\{(6, 0), (-12, -16), (-6, 10), (20, -7)\}$

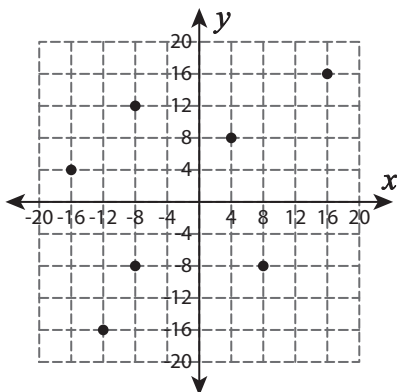
**Yes**

8)  $\{(-2, -4), (-8, 3), (-7, -4), (-2, -8), (11, 8), (9, -4)\}$

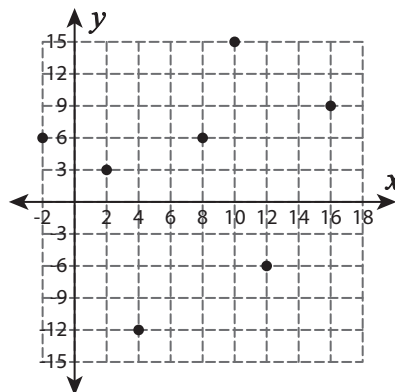
**No**

B) State whether each set of ordered pairs on the graph represents a function.

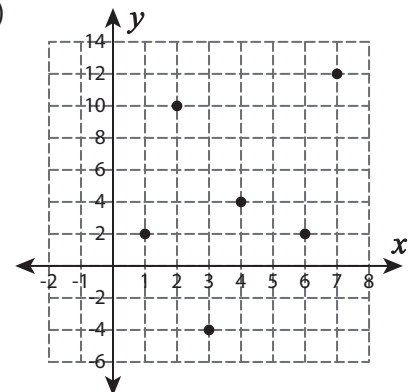
1)

**No**

2)

**Yes**

3)

**Yes**