

**8-1 Practice****Relations and Functions**

Write the domain and range of each relation.

1.  $\{(4, -3), (-1, 2), (4, 0), (1, 2)\}$

2.  $\{(1.1, 1), (6, -2.2), (-1.3, -4.4)\}$

3.  $\{(2.3, 7), (-1, 2.8), (4, -5.6), (9, 9)\}$

4.  $\left\{\left(\frac{2}{7}, \frac{3}{8}\right), \left(76\frac{5}{6}, 39\frac{3}{4}\right), \left(-8, -\frac{7}{11}\right)\right\}$

Express the relation shown in each table or graph as a set of ordered pairs. Then state the domain and range of the relation.

5. 

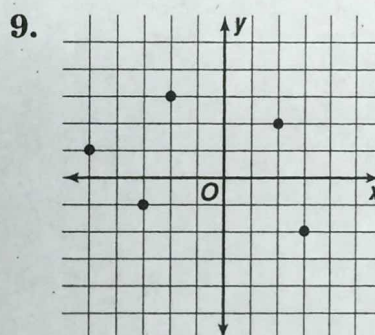
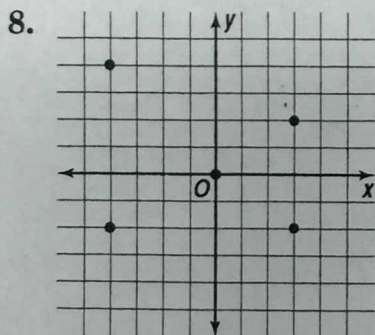
x	y
3	-4
-1	7
-6	-8
1	11
4	13

6. 

x	y
0	-2
-2	1
3	-2
-4	4
1	-3

7. 

x	y
0	4
-1	4
-1	3
-1	0
-5	1



Determine whether each relation is a function.

10. 

x	2	3	4
y	-1	0	3

11. 

x	-3	4	-3
y	0	1	2

12.  $\{(-2, 0), (3, -1), (4, -2)\}$

13.  $\{(6.2, 5), (6, -7), (6, 5), (-1, -5)\}$

