

# 4-3 Skills Practice

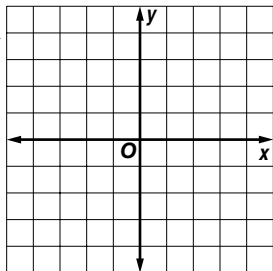
## Relations

**Look** → Express each relation as a table, a graph, and a mapping. Then determine the domain and range.

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

a.

b.



c.

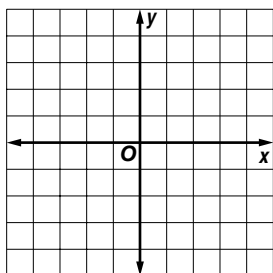
d.

e.

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

a.

b.



c.

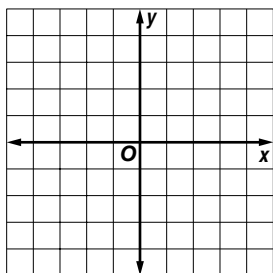
d.

e.

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

a.

b.



c.

d.

e.

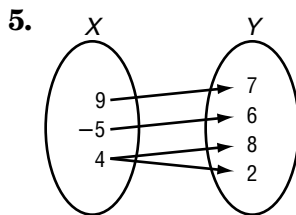
**Look** → Express the relation shown in each table, mapping, or graph as a set of ordered pairs. Then write the inverse of the relation.

4.

x	y
3	-5
-4	3
7	6
1	-2

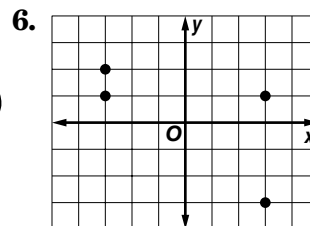
a.

b.



a.

b.



a.

b.