

Lesson 2 Skills Practice

Relations

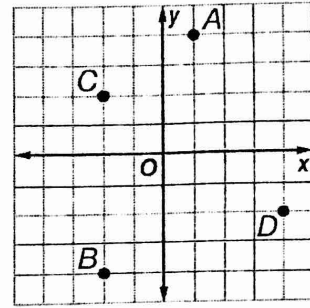
Name the ordered pair for each point.

1. A $(1, 4)$

2. B $(-2, -4)$

3. C $(-2, 2)$

4. D $(4, -2)$



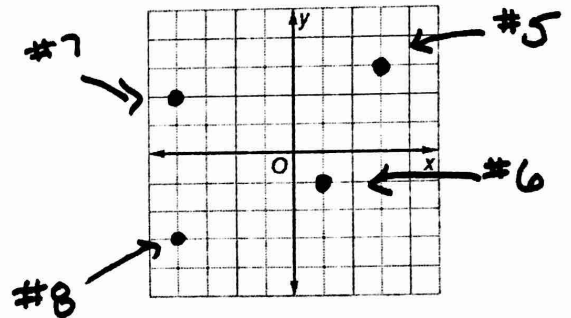
Graph each ordered pair on a coordinate plane.

5. $(3, 3)$

6. $(1, -1)$

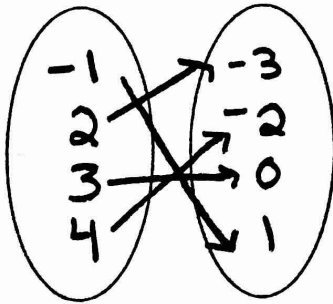
7. $(-4, 2)$

8. $(-4, -3)$

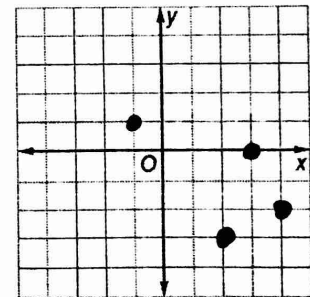


Express each relation as a mapping, table, and a graph. Then state the domain and range.

9. $\{(4, -2), (-1, 1), (2, -3), (3, 0)\}$

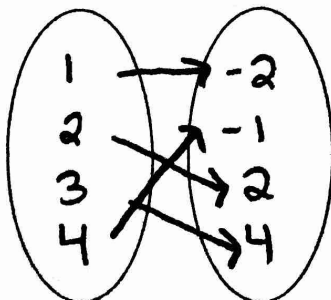


| x | y |
|----|----|
| 4 | -2 |
| -1 | 1 |
| 2 | -3 |
| 3 | 0 |

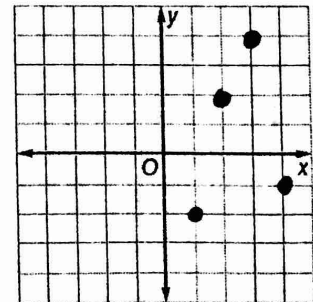


D: $\{-1, 2, 3, 4\}$
 R: $\{-3, -2, 0, 1\}$

10. $\{(3, 4), (1, -2), (4, -1), (2, 2)\}$



| x | y |
|---|----|
| 3 | 4 |
| 1 | -2 |
| 4 | -1 |
| 2 | 2 |



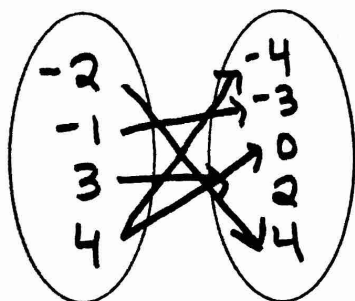
D: $\{1, 2, 3, 4\}$
 R: $\{-2, -1, 2, 4\}$

Lesson 2 Extra Practice

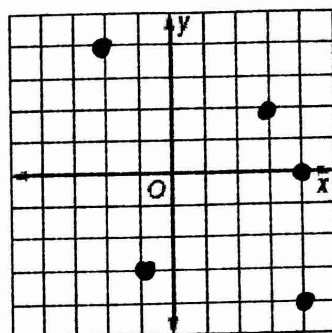
Relations

Express each relation as a mapping, table, and a graph. Then state the domain and range.

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

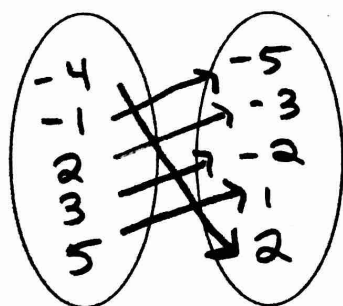


| x | y |
|----|----|
| 3 | 2 |
| -2 | 4 |
| 4 | -4 |
| 4 | 0 |
| -1 | -3 |

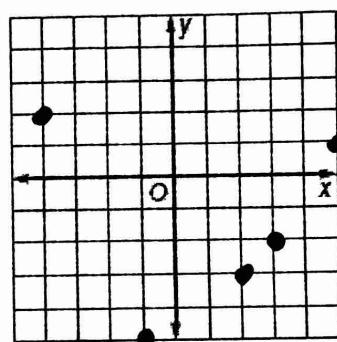


D: $\{-2, -1, 3, 4\}$
 R: $\{-4, -3, 0, 2, 4\}$

2. $\{(-1, -5), (2, -3), (3, -2), (5, 1), (-4, 2)\}$

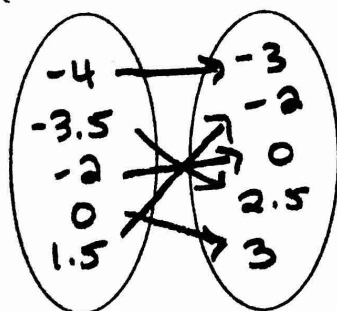


| x | y |
|----|----|
| -1 | -5 |
| 2 | -3 |
| 3 | -2 |
| 5 | 1 |
| -4 | 2 |

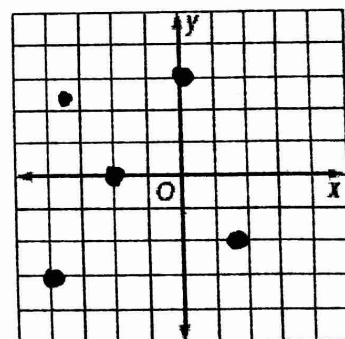


D: $\{-4, -1, 2, 3, 5\}$
 R: $\{-5, -3, -2, 1, 2\}$

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

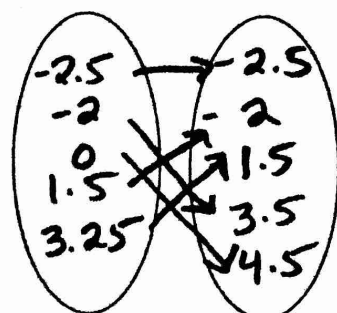


| x | y |
|------|-----|
| 0 | 3 |
| 1.5 | -2 |
| -3.5 | 2.5 |
| -4 | -3 |
| -2 | 0 |

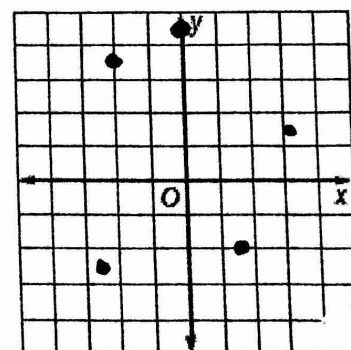


D: $\{-4, -3.5, -2, 0, 1.5\}$
 R: $\{-3, -2, 0, 2.5, 3\}$

4. $\{(1.5, -2), (-2, 3.5), (-2.5, -2.5), (0, 4.5), (3.25, 1.5)\}$



| x | y |
|------|------|
| 1.5 | -2 |
| -2 | 3.5 |
| -2.5 | -2.5 |
| 0 | 4.5 |
| 3.25 | 1.5 |



D: $\{-2.5, -2, 0, 1.5, 3.25\}$
 R: $\{-2.5, -2, -1.5, 3.5, 4.5\}$