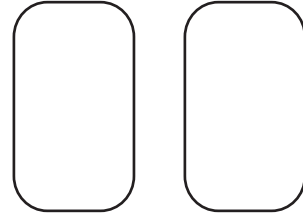
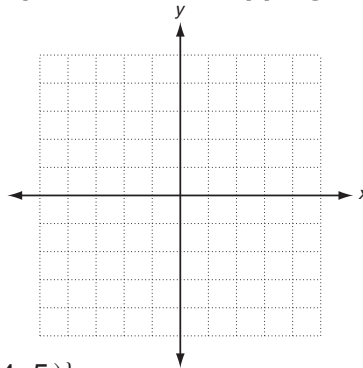


**LESSON**  
**4-2** **Practice B**  
**Relations and Functions**

Express each relation as a table, as a graph, and as a mapping diagram.

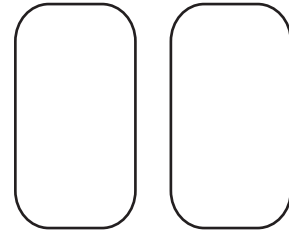
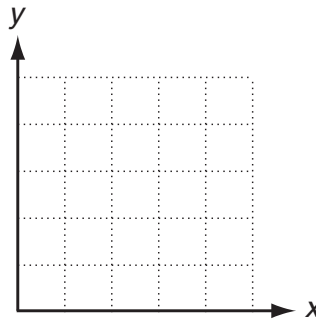
1.  $\{(-5, 3), (-2, 1), (1, -1), (4, -3)\}$

| x | y |
|---|---|
|   |   |
|   |   |
|   |   |
|   |   |

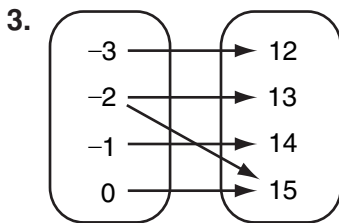


2.  $\{(4, 0), (4, 1), (4, 2), (4, 3), (4, 4), (4, 5)\}$

| x | y |
|---|---|
|   |   |
|   |   |
|   |   |
|   |   |
|   |   |
|   |   |
|   |   |



Give the domain and range of each relation. Tell whether the relation is a function. Explain.



D: \_\_\_\_\_

R: \_\_\_\_\_

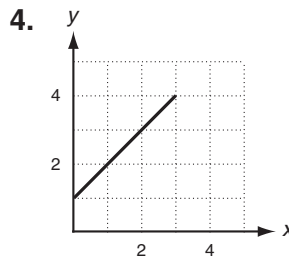
Function? \_\_\_\_\_

Explain: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



D: \_\_\_\_\_

R: \_\_\_\_\_

Function? \_\_\_\_\_

Explain: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

5. 

| x | y |
|---|---|
| 8 | 8 |
| 6 | 6 |
| 4 | 4 |
| 2 | 6 |
| 0 | 8 |

D: \_\_\_\_\_

R: \_\_\_\_\_

Function? \_\_\_\_\_

Explain: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_