$\qquad$
$\qquad$ Class $\qquad$

LESSON

## Practice B

## 4-2 Relations and Functions

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

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

| $\boldsymbol{x}$ | $\boldsymbol{y}$ |
| :---: | :---: |
|  |  |
|  |  |
|  |  |
|  |  |


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

| $\boldsymbol{x}$ | $\boldsymbol{y}$ |
| :--- | :--- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |



Give the domain and range of each relation. Tell whether the relation is a function. Explain.
3.


D: $\qquad$

R : $\qquad$

Function? $\qquad$

Explain: $\qquad$
4.

D: $\qquad$
R: $\qquad$
5.

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

D: $\qquad$

R: $\qquad$

Function? $\qquad$ Function? $\qquad$

Explain: $\qquad$ Explain: $\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$


