

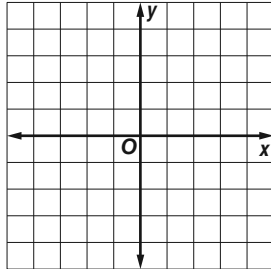
# 1-6 Skills Practice

## Relations

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

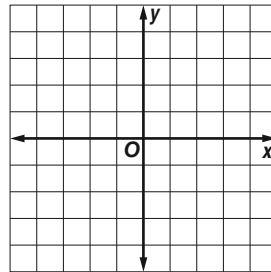
1.  $\{(-1, -1), (1, 1), (2, 1), (3, 2)\}$

x	y



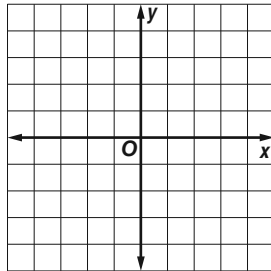
2.  $\{(0, 4), (-4, -4), (-2, 3), (4, 0)\}$

x	y



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

x	y



Identify the independent and dependent variables for each relation.

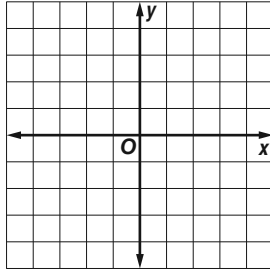
4. The more hours Maribel works at her job, the larger her paycheck becomes.

5. Increasing the price of an item decreases the amount of people willing to buy it.

# 1-6 Practice

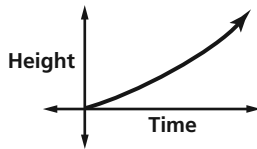
## Relations

1. Express  $\{(4, 3), (-1, 4), (3, -2), (-2, 1)\}$  as a table, a graph, and a mapping. Then determine the domain and range.

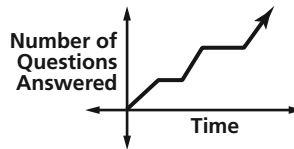


Describe what is happening in each graph.

2. The graph below represents the height of a tsunami as it travels across an ocean.



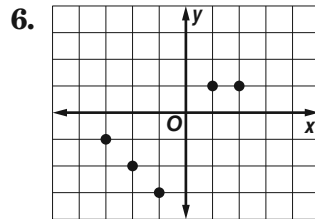
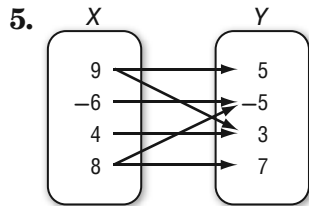
3. The graph below represents a student taking an exam.



Express the relation shown in each table, mapping, or graph as a set of ordered pairs.

4.

X	Y
0	9
-8	3
2	-6
1	4



7. **BASEBALL** The graph shows the number of home runs hit by Andruw Jones of the Atlanta Braves. Express the relation as a set of ordered pairs. Then describe the domain and range.

Andruw Jones' Home Runs

