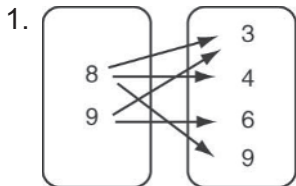


**LESSON**  
**6-1**

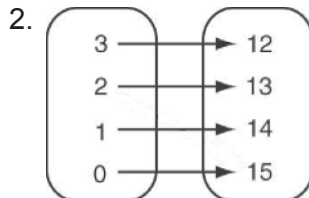
# Identifying and Representing Functions

## Practice and Problem Solving: A/B

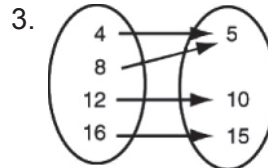
Tell whether each relationship is a function.



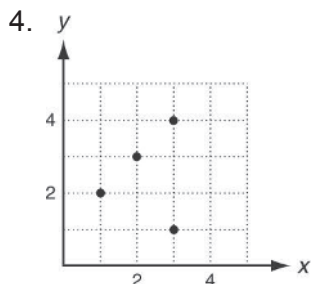
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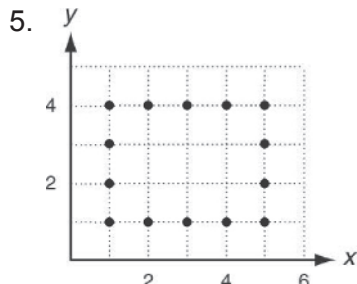
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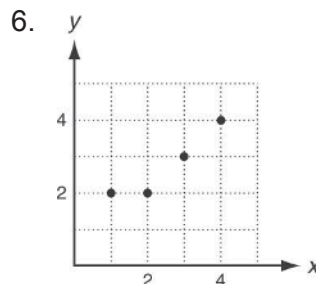
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7. 

<b>Input</b>	0	1	2	3
<b>Output</b>	4	1	0	4

\_\_\_\_\_

8. 

<b>Input</b>	1	2	0	1	2
<b>Output</b>	4	5	6	7	8

\_\_\_\_\_

9.  $\{(0, 0), (2, 4), (3, 6), (5, 5), (7, 6)\}$

\_\_\_\_\_

10.  $\{(0, 8), (1, 2), (3, 7), (5, 9), (3, 6)\}$

\_\_\_\_\_

**The graph shows the relationship between the hours Rachel studied and the exam grades she earned.**

11. Is the relationship a function? Justify your answer. Use the words “input” and “output” in your explanation, and connect them to the context represented by the graph.

\_\_\_\_\_  
\_\_\_\_\_

12. Rachel plans to study 2 hours for her next exam. How might plotting her grade on the same graph change your answer to Exercise 11? Explain your reasoning.

\_\_\_\_\_  
\_\_\_\_\_

**Hours Studied and Exam Grade**

