

# Guided Practice 2-6 p. 67

Is the first quantity a function of the second quantity? Write *Yes* or *No*.

1. the cost of a long-distance phone call; the time of day you place the call
2. the cost of a long-distance phone call; the color of your phone
3. the cost of mailing a package; the temperature
4. the cost of mailing a package; the weight of the package

## COMMUNICATION «Writing

Write each function rule using arrow notation.

- «5.  $x$  is paired with  $2x + 15$       «6.  $x$  is paired with  $3x - 1$

Write each function rule in words.

- «7.  $x \rightarrow x + 7$       «8.  $x \rightarrow 7x$       «9.  $x \rightarrow \frac{x}{3}$       «10.  $x \rightarrow 6x - 9$

Choose the letter of the correct function rule for each function table.

- A.  $x \rightarrow x + 2$       B.  $x \rightarrow 4x - 4$       C.  $x \rightarrow 4x$   
 D.  $x \rightarrow x + 4$       E.  $x \rightarrow x^2$       F.  $x \rightarrow 2x$

11.

$x$	?
2	4
3	6
4	8
5	10
6	12

12.

$x$	?
2	4
4	6
6	8
8	10
10	12

13.

$x$	?
2	4
3	8
4	12
5	16
6	20

14. Complete the function table.

$x$	$x - 6$
10	4
12	6
14	?
16	?
18	?

15. Use the table to find the function rule.

$x$	?
7	1
14	2
21	3
28	4
35	5