

**LESSON**  
**1.7**
**Practice A**  
*For use with pages 42–48*
**Complete the statement.**

- The   ? axis of the graph of a function is labeled with the input variable.
- The   ? axis of the graph of a function is labeled with the output variable.

**Write the ordered pairs that can be formed from the table.**

3.

Input	Output
0	2
1	4
2	6
3	8

4.

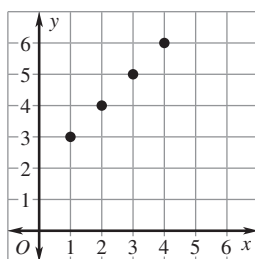
Input	Output
3	2
6	2
9	2
12	2

5.

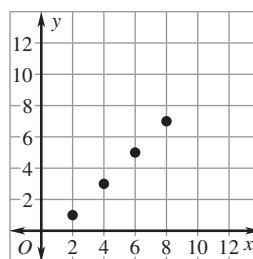
Input	Output
10	4
9	8
8	12
7	16

**Identify the ordered pairs in the graph. Then identify the domain and range.**

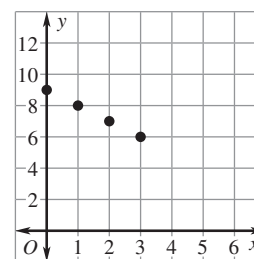
6.



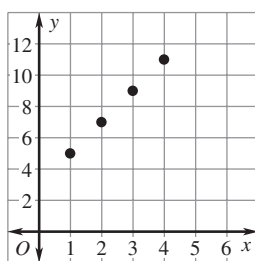
7.



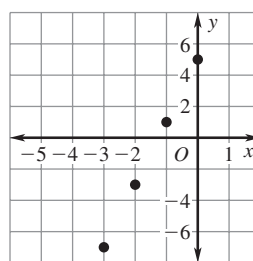
8.



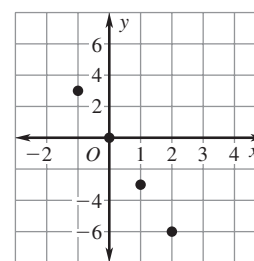
9.



10.

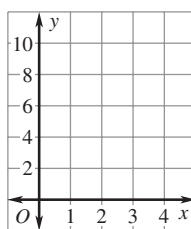


11.


**Graph the function.**

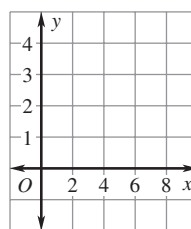
12.  $y = x + 5$

Domain: 0, 1, 2, 3



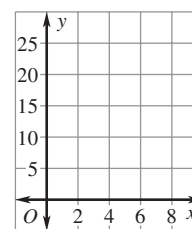
13.  $y = x - 3$

Domain: 6, 5, 4, 3



14.  $y = 3x$

Domain: 1, 3, 5, 7



**LESSON**  
**1.7**
**Practice A** *continued*  
 For use with pages 42–48

**Match the rule for the function with its graph.**

15.  $y = 6x$

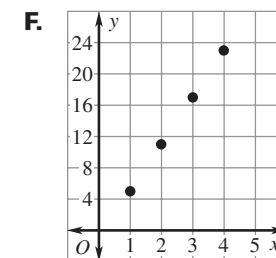
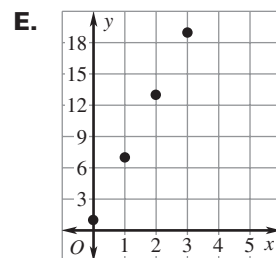
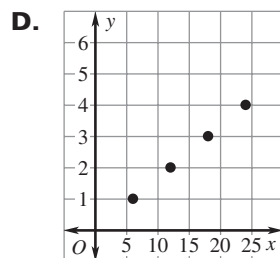
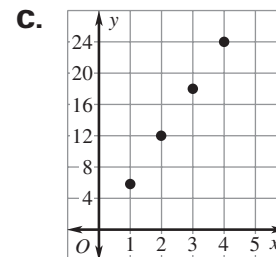
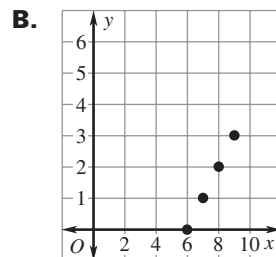
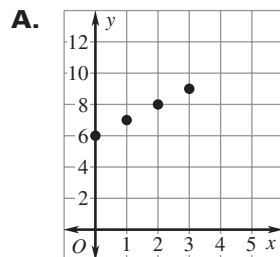
16.  $y = 6x - 1$

17.  $y = x + 6$

18.  $y = \frac{1}{6}x$

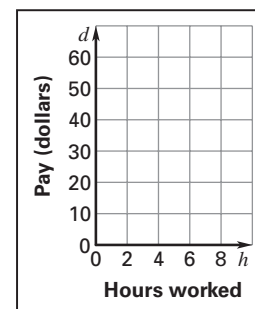
19.  $y = x - 6$

20.  $y = 6x + 1$

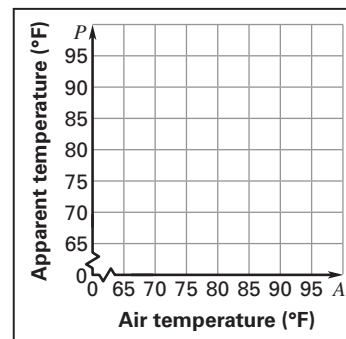


- 21. Hourly Pay** The table shows the pay  $d$  (in dollars) as a function of the number of hours worked  $h$ . Graph the function.

<b>Hours worked, <math>h</math></b>	1	2	3	5	8
<b>Pay (dollars), <math>d</math></b>	6.75	13.50	20.25	33.75	54



- 22. Heat Index** The table shows the apparent temperature  $P$  (in degrees Fahrenheit), or the temperature as it feels to your body, as a function of the air temperature  $A$  (in degrees Fahrenheit) when there is 10% humidity. Graph the function. Then use your graph to predict the apparent temperature when the air temperature is  $105^\circ\text{F}$  and the humidity is 10%.



<b>Air temperature (°F), <math>A</math></b>	70	75	80	85	90	95
<b>Apparent temperature (°F), <math>P</math></b>	65	70	75	80	85	90