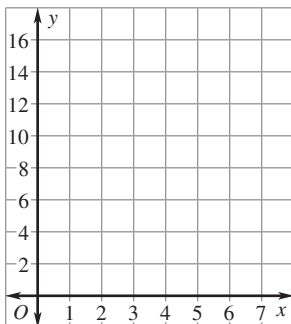


**LESSON**  
**1.7****Practice B**

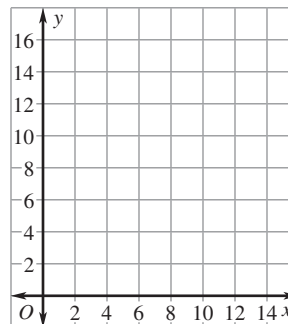
For use with pages 42–48

**Graph the ordered pairs.**

1.  $(3, 4), (4, 7), (5, 10), (6, 13), (7, 16)$



2.  $(2, 5), (6, 7), (4, 6), (12, 10), (10, 9)$

**Complete the input-output table for the function.**

3.  $y = 3x + 2$

<b>x</b>	0	1	2	3
<b>y</b>				

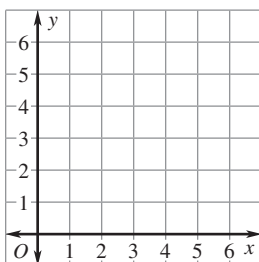
4.  $y = 4x - 1$

<b>x</b>	1	2	3	4
<b>y</b>				

**Graph the function.**

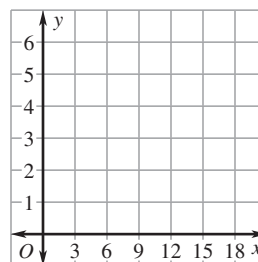
5.  $y = 6 - x$

Domain: 6, 5, 4, 3, 2



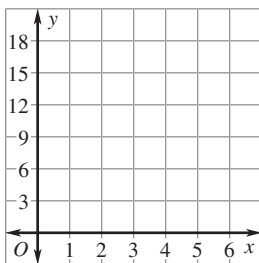
6.  $y = \frac{1}{3}x$

Domain: 6, 9, 12, 15, 18



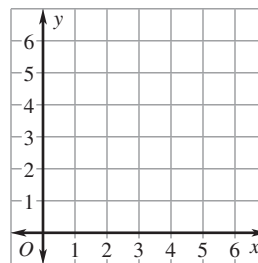
7.  $y = 4x - 3$

Domain: 1, 2, 3, 4, 5



8.  $y = 1.2x$

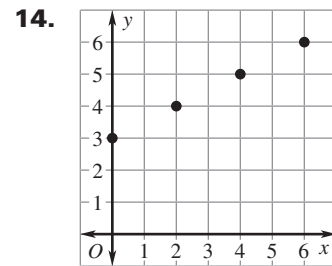
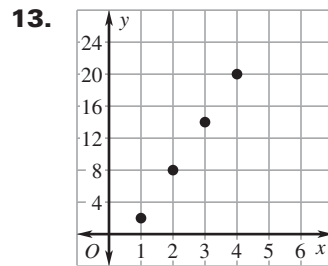
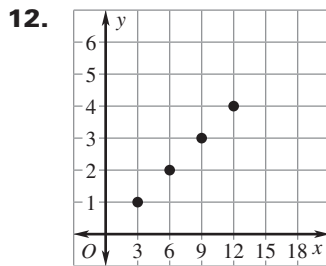
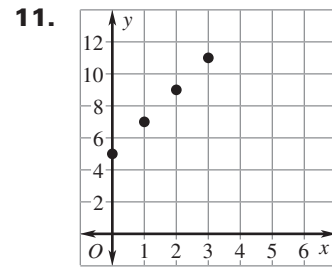
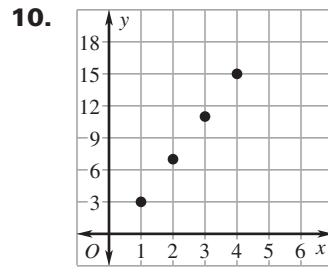
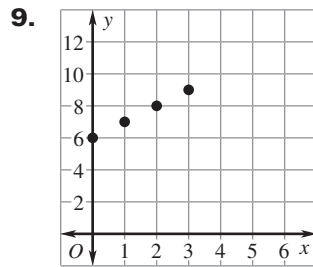
Domain: 1, 2, 3, 4, 5



LESSON  
1.7

**Practice B** *continued*  
For use with pages 42–48

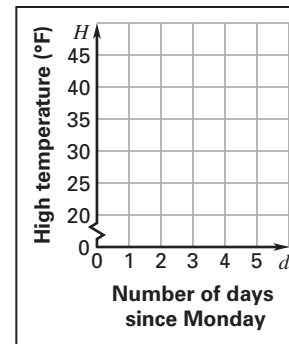
**Write a rule for the function represented by the graph. Identify the domain and range of the function.**



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

- 15. High Temperatures** The table shows the high temperature  $H$  (in degrees Fahrenheit) in a city during the week as a function of the number of days  $d$  since Monday. Graph the function. Describe how the high temperatures change as the week progresses.

<b>Number of days since Monday, <math>d</math></b>	0	1	2	3	4	5
<b>High temperature (degrees Fahrenheit), <math>H</math></b>	24	34	41	39	37	39



- 16. Metal Screws** The table shows the number of threads per inch on a screw as a function of screw size.

<b>Screw size number, <math>x</math></b>	0	1	2	3	4	5	6
<b>Number of threads per inch, <math>y</math></b>	80	72	64	56	48	44	40

- Graph the function.
- Describe how the number of threads per inch changes as the screw size increases.
- Would it be reasonable to expect a #8 screw to have 32 threads per inch? *Explain.*

