

# ANSWERS FOR 2.3

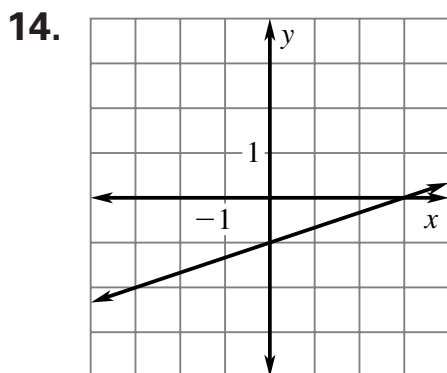
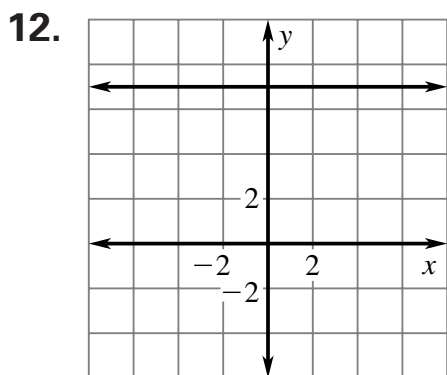
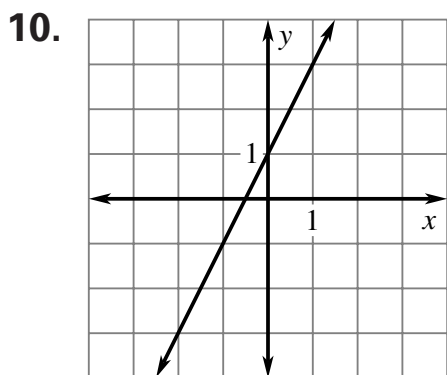
For use with pages 86–89

## 2.3 Guided Practice

2. Slope-intercept technique; the equation is in slope-intercept form.

4. 1; 10      6.  $\frac{2}{3}$ ; -6

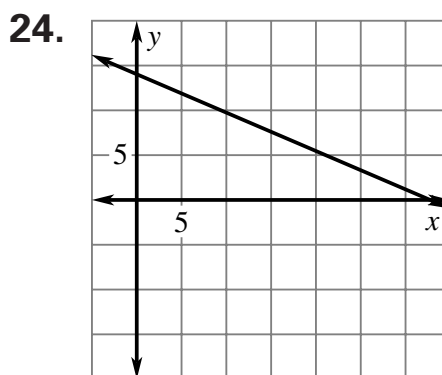
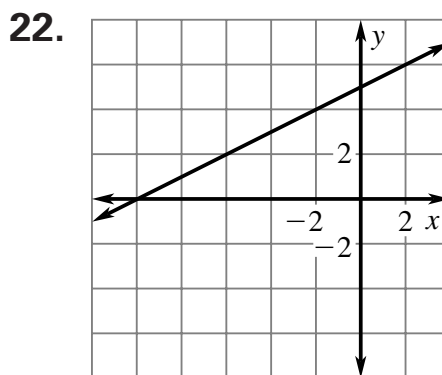
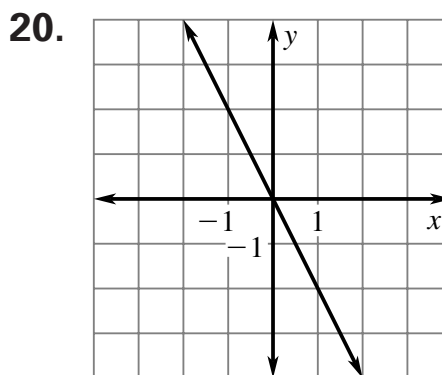
8.  $x$ -intercept = 4  
 $y$ -intercept = -10



## 2.3 Practice and Applications

16. B

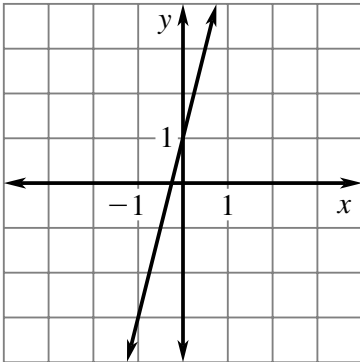
18. C



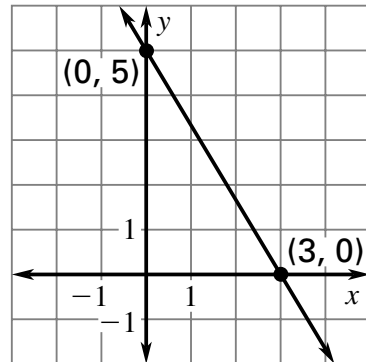
# ANSWERS FOR 2.3 (CONT.)

For use with pages 86–89

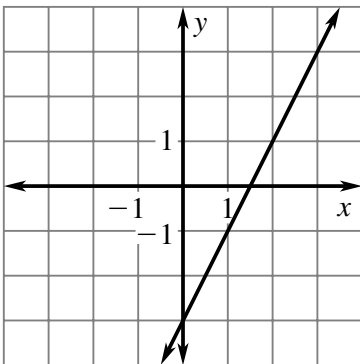
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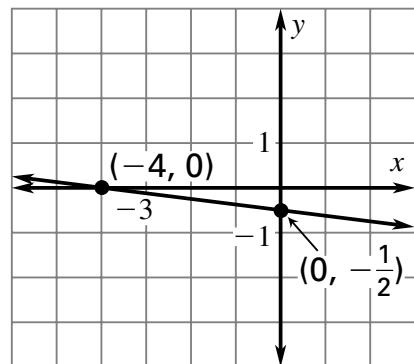
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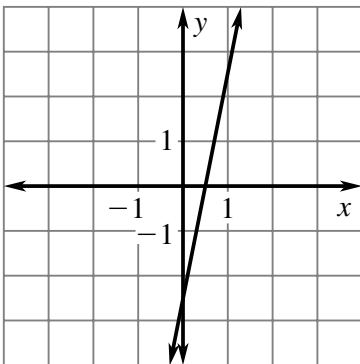
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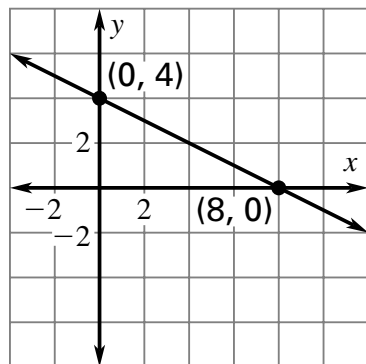
42.



30.



44.



32.  $-9; 0$

34.  $-2; 14$

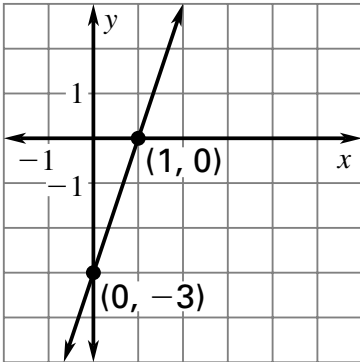
36.  $-\frac{1}{10}; \frac{7}{10}$

38. C

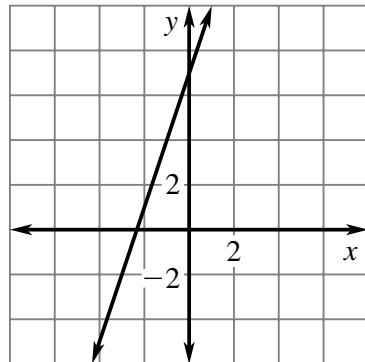
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For use with pages 86-89

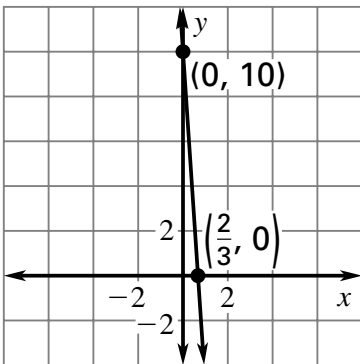
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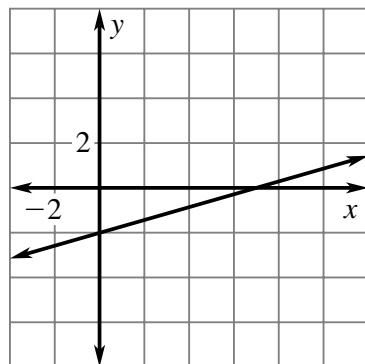
52.



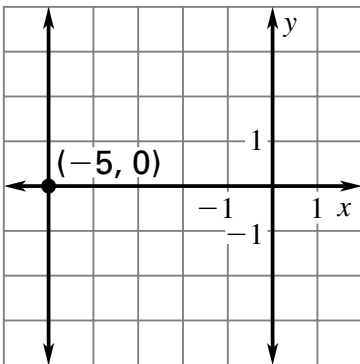
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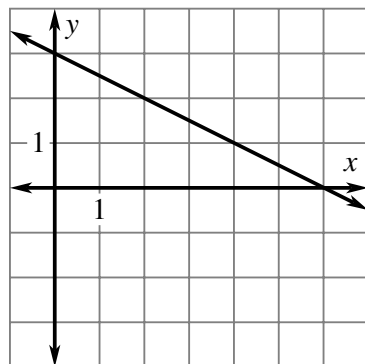
54.



50.



56.

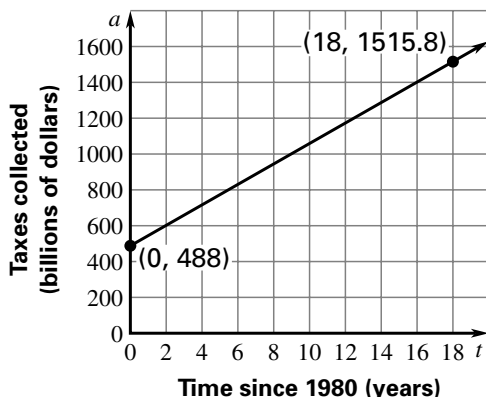


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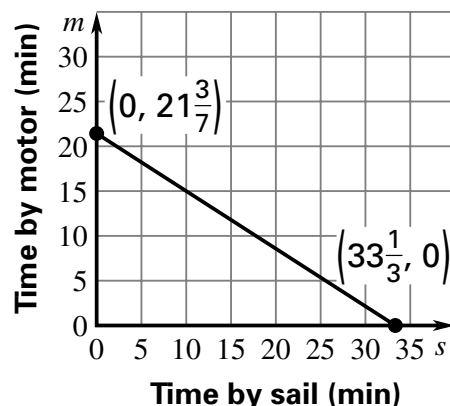
58.

Annual Tax Revenue



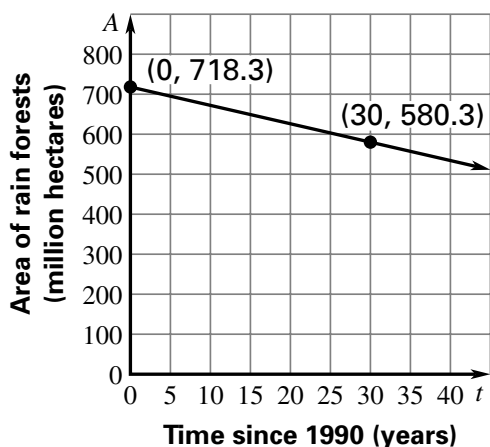
62.

Island Trip



60.

Land Area Covered by Rain Forests



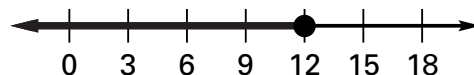
Sample answer: 672.3 million hectares in 2000; 557.3 million hectares in 2025; 442.3 million hectares in 2050

64. To find the  $x$ -intercept, set  $y$  equal to zero in the equation, and solve for  $x$ . To find the  $y$ -intercept, set  $x$  equal to zero and solve for  $y$ . horizontal; vertical

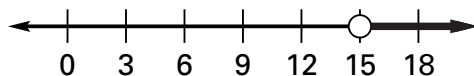
66. B

## 2.3 Mixed Review

68.  $x \leq 12$



70.  $x > 15$



72.  $-2.25 < x \leq 11.75$



# ANSWERS FOR 2.3 (CONT.)

For use with pages 86–89

74.  $-9$

76.  $738$

78.  $12$

80.  $0$

82.  $\frac{1}{13}$

84.  $-\frac{1}{2}$

86. Let  $T$  = the total number of pages read in  $h$  hours.

$$T = 120h$$

8 hours 44 minutes

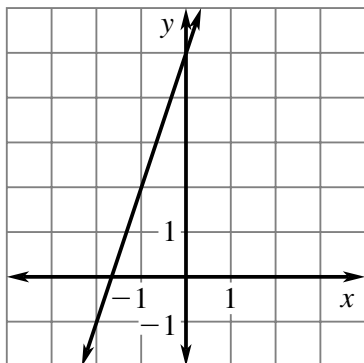
## Quiz 1

2. domain: 1, 2, 3, 4  
range: 1, 2, 3, 4  
not a function

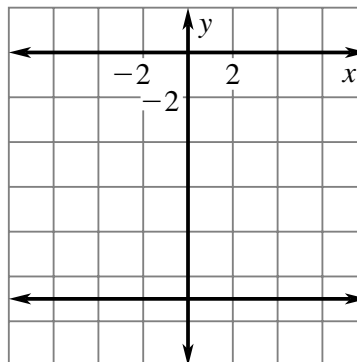
4.  $-21$

6. perpendicular

8.



10.



## Math and History

2.  $25.7$  mi/h

4.

### Titanic Voyage

