

# Answer Key

## Lesson 1-9

1. 0 1 2 3 4 5 6 7 8 9 10
2. 0 1 2 3 4 5 6 7 8 9 10
3. 0 1 2 3 4 5 6 7 8 9 10
4. 0 1 2 3 4 5 6 7 8 9 10
5. 0 1 2 3 4 5 6 7 8 9 10
6. 0 1 2 3 4 5 6 7 8 9 10
7. 0 1 2 3 4 5 6 7 8 9 10
8. 0 1 2 3 4 5 6 7 8 9 10
9. 0 1 2 3 4 5 6 7 8 9 10

## Chapter 1 Review

1. 8   2. 1   3. 0.5   4.  $x < 2$    5.  $9 \text{ in}^2$   
6. 12 in.

## Lesson 2-1

9. -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9
10. -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9
11. -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9
12. -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9
13. -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6
14. -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9

## Lesson 2-6

1.  $\begin{bmatrix} 6 & 2 & 5 \\ 9 & 8 & 4 \end{bmatrix}$    2.  $\begin{bmatrix} 2 & 2 \\ 1 & 2 \\ 4 & 1 \end{bmatrix}$
3.  $\begin{bmatrix} 4 & 3 \\ -10 & 3 \end{bmatrix}$    5.  $\begin{bmatrix} 591.0 & 588.6 \\ 694.4 & 713.0 \\ 799.1 & 1,006.7 \end{bmatrix}$

## Chapter 2 Review

1. 12; 28   2. -5; 33   3. -17; 50  
4. 16; 34  
Team A did not score a touchdown. They are 34 yards short of the goal line.

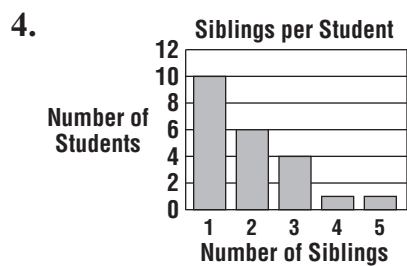
## Chapter 3 Review

- 1-15. Answers will vary.   16. \$3.75  
17. 120   18. 25%

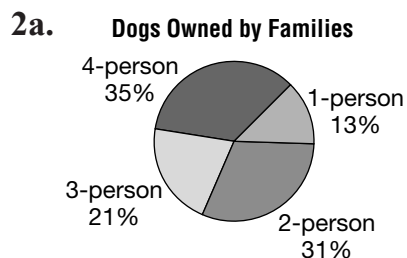
## Lesson 4-1

3b. 

Ages of Presidents	
Age	Number
40-44	2
45-49	6
50-54	12
55-59	12
60-64	7
65-69	3

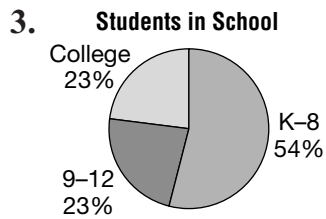


## Lesson 4-2

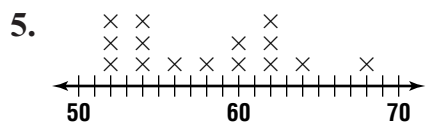
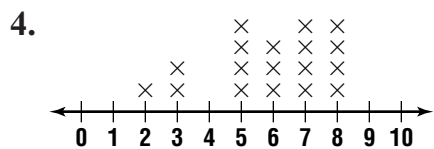
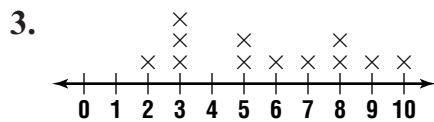




# Answer Key



## Lesson 4-3



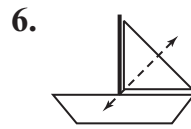
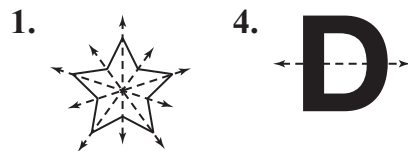
## Lesson 4-8

1. More people than normal would probably favor football.
2. All majors would be fairly represented.
3. Presence at a mall has nothing to do with color preference.
4. People who have no desire to ever own a pet would not be fairly represented.
5. Almost everyone has a phone, so all political viewpoints would be represented.
6. Pizza preferences have nothing to do with how much one likes to read.
7. Graph B is misleading because the vertical axis does not start at 0, making the differences in choices look even bigger.

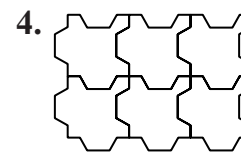
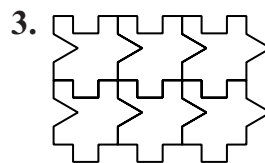
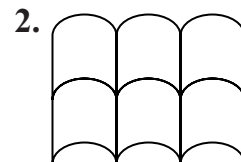
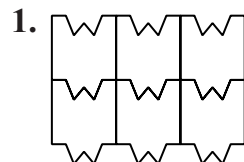
## Chapter 4 Review

1-5. Answers will vary.

## Lesson 5-4

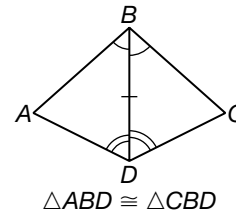


## Lesson 5-7



## Chapter 5 Review

1.  $\triangle DCF \cong \triangle EBF$
  2.  $\triangle DFG \cong \triangle EFG$
  3.  $\triangle ADE \cong \triangle ACB$
  4. Answers will vary.
- Sample answer:



## Chapter 6 Review

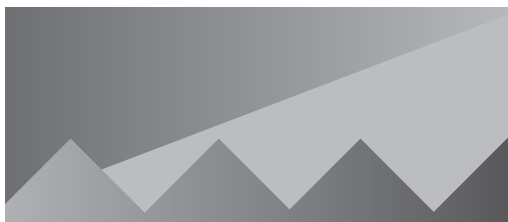
From least to greatest:  $-5.\bar{3}$ ,  $\frac{24}{120}$ ,  $2.03 \times 10^{-1}$ ,  $\frac{8}{11}$ ,  $\frac{7}{9}$ ,  $4\frac{2}{3}$ ,  $4.7$ ,  $\frac{19}{4}$

## Chapter 7 Review

1.  $\frac{3}{4}$
2.  $\frac{11}{12}$
3.  $\frac{5}{12}$
4.  $\frac{5}{6}$
5.  $1\frac{7}{12}$
6.  $\frac{11}{12}$

## Lesson 8-3

3.  $0.12 \cdot B = 120$
4.  $0.42 \cdot B = 21$
5.  $0.82 \cdot 30 = P$
6.  $R \cdot 96 = 24$
7.  $0.4 \cdot 37 = P$
8.  $R \cdot 104 = 13$
9.  $0.5 \cdot B = 61$
10.  $0.75 \cdot 98 = P$
11.  $0.03 \cdot B = 6$
12.  $0.2 \cdot B = 24$
13.  $R \cdot 72 = 3.6$
14.  $0.18 \cdot 54 = P$
15.  $0.65 \cdot 123 = P$
16.  $0.12 \cdot 1.75 = P$
17.  $R \cdot 80 = 72$
18.  $0.15 \cdot B = 8.22$



# Answer Key

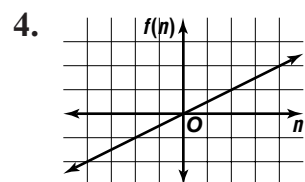
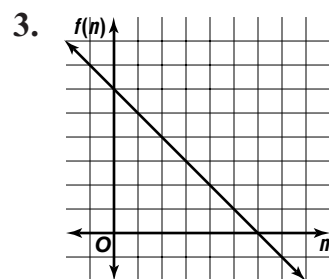
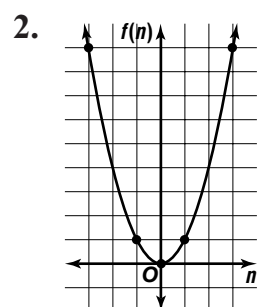
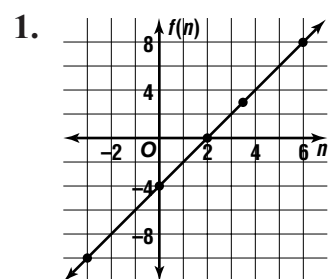
## Chapter 8 Review

1–3. Answers will vary. The type of vehicle with the greatest percent in Exercise 1 should be ranked as 1 in Exercise 3, the type with the second-greatest percent should be ranked as 2, and so on.

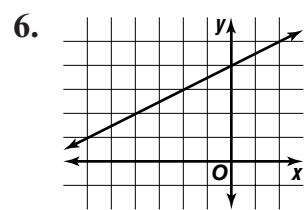
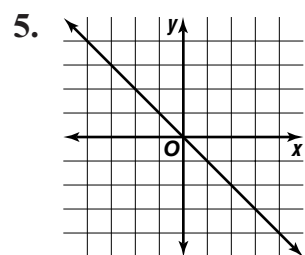
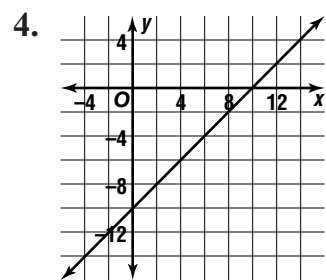
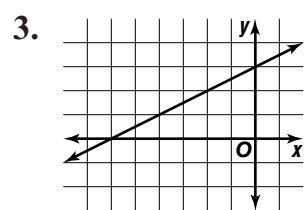
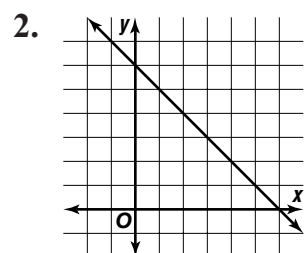
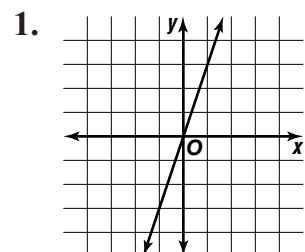
## Chapter 9 Review

1.  $45^\circ$  2. 4.2 3. 4.5 4.  $(-2, -3)$   
 5.  $(1, -3)$  6. 5.4 units

## Lesson 10-2

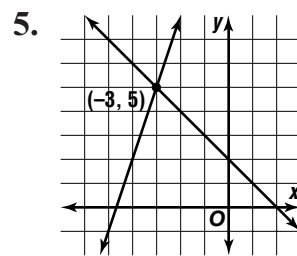
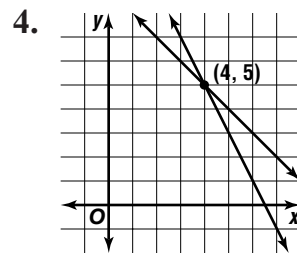
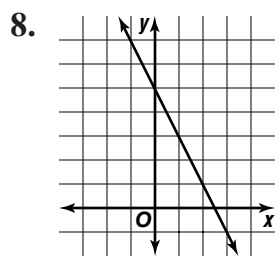
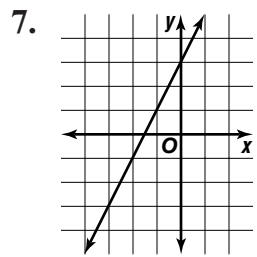


## Lesson 10-4

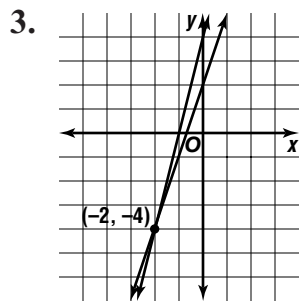
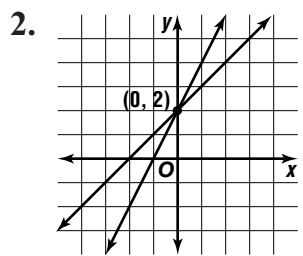
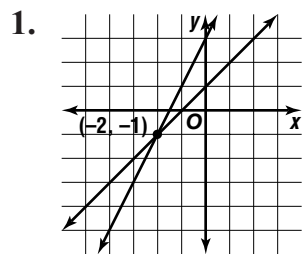




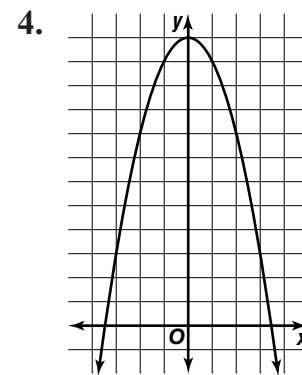
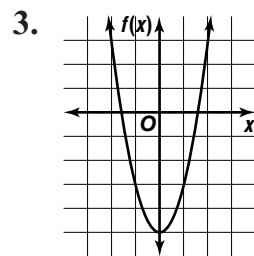
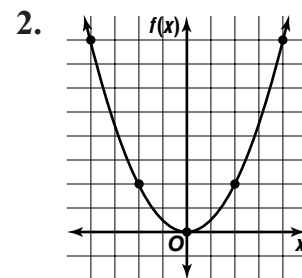
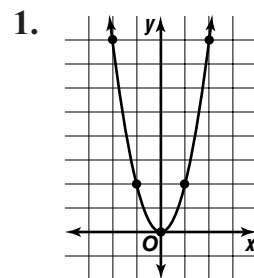
# Answer Key



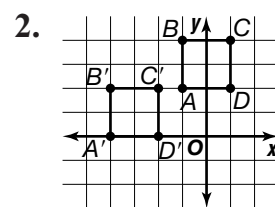
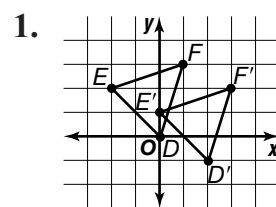
## Lesson 10-5

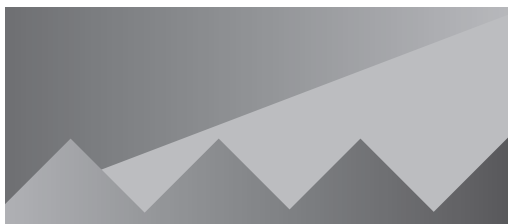


## Lesson 10-6

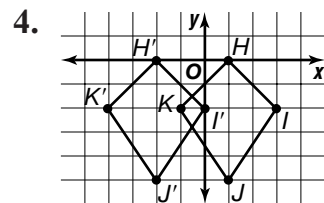
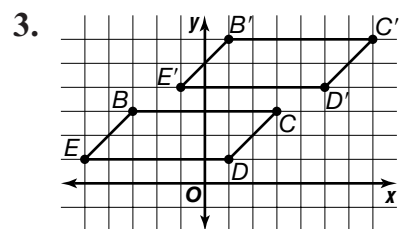


## Lesson 10-7

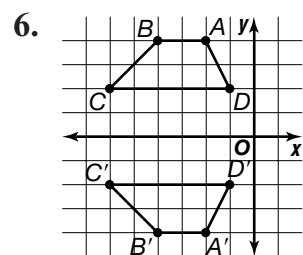
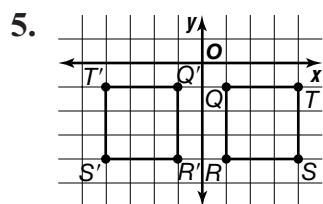
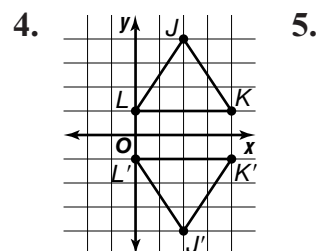




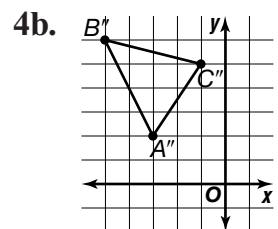
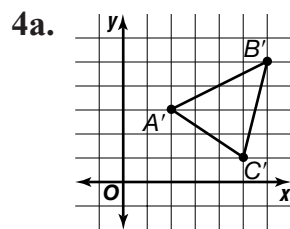
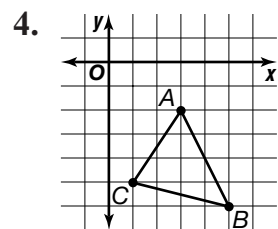
# Answer Key



## Lesson 10-8



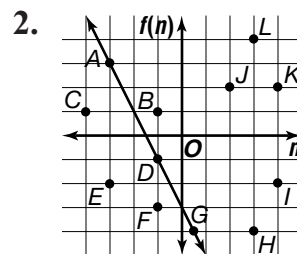
## Lesson 10-9



## Chapter 10 Review

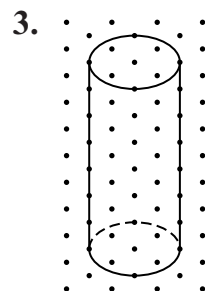
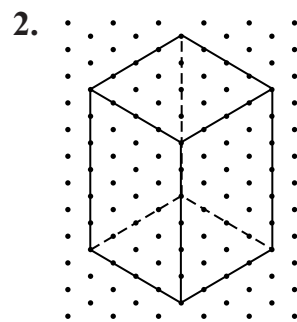
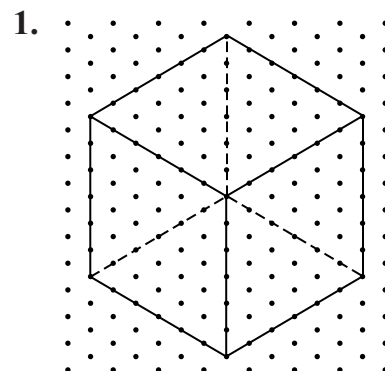
1.

$n$	$-2n - 3$	$f(n)$
0	$-2(0) - 3$	-3
-1	$-2(-1) - 3$	-1
-2	$-2(-2) - 3$	1



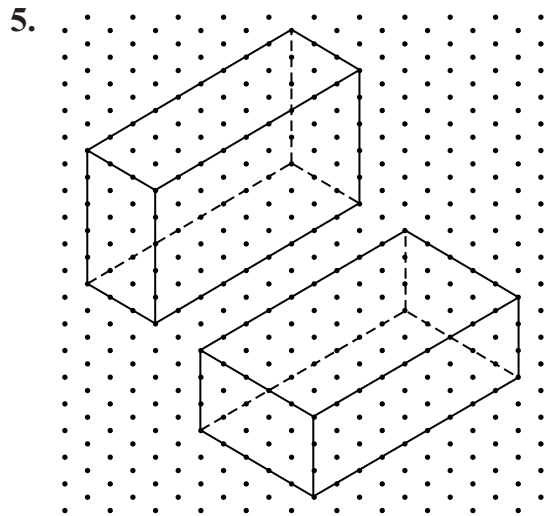
3. A, D, or G    4. A    5. D    6. G

## Lesson 11-2





# Answer Key



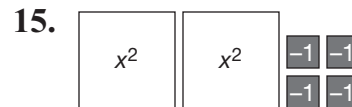
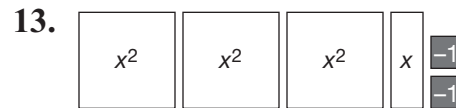
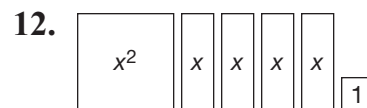
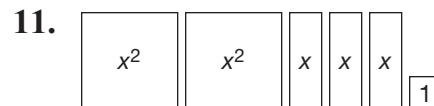
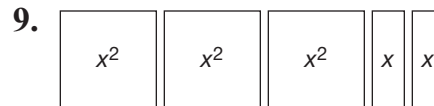
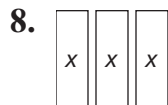
### Chapter 11 Review

1.  $88 \text{ in}^2$  2.  $152 \text{ in}^2$  3.  $154 \text{ in}^2$   
 4. The rectangular prism in Exercise 3

### Chapter 12 Review

1. 28 2. 56 3. 70 4. 56 5. 28  
 6. They can use any size.

### Lesson 13-1



### Chapter 13 Review

1. G 2. F 3. N 4. Q 5. P 6. D  
 7. T 8. A 9. I 10. M  
 The remaining letters spell HORSE.