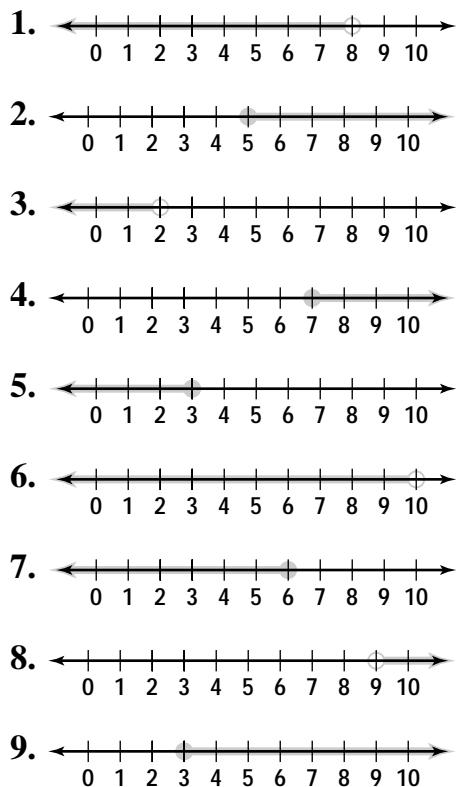


Answer Key

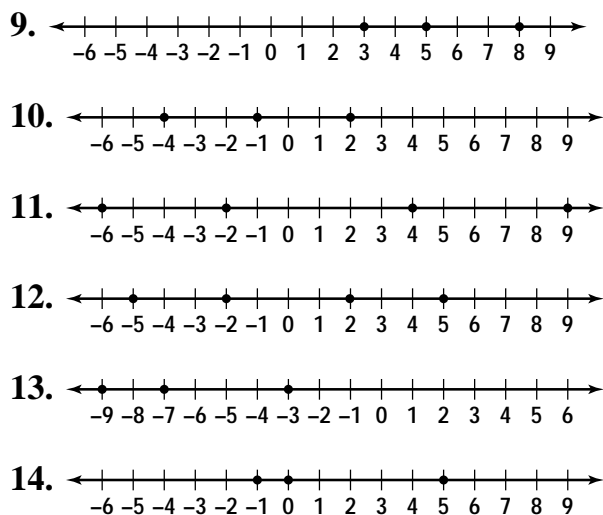
Lesson 1-9



Chapter 1 Review

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

Lesson 2-1



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

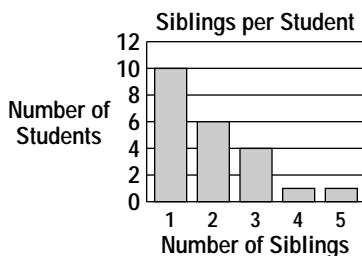
- 1-15. Answers will vary. 16. \$3.75
17. 120 18. 25%

Lesson 4-1

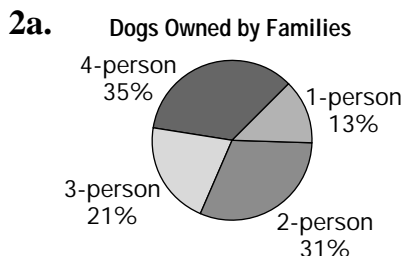
3b.

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

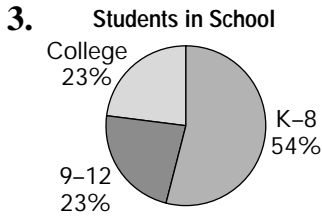
4.



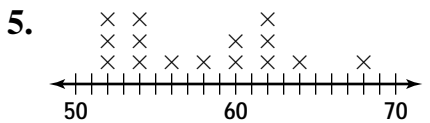
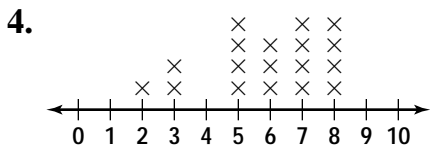
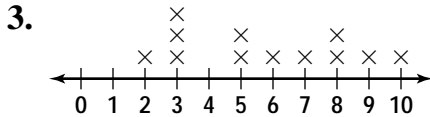
Lesson 4-2



Answer Key



Lesson 4-3



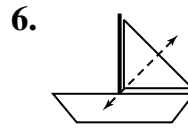
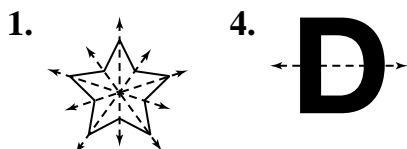
Lesson 4-8

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

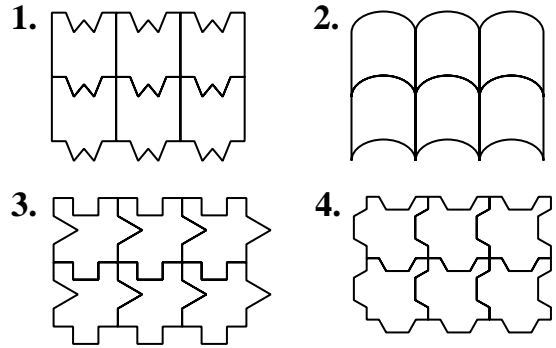
Chapter 4 Review

1–5. Answers will vary.

Lesson 5-4



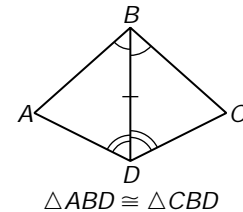
Lesson 5-7



Chapter 5 Review

- $\triangle DCF \cong \triangle EBF$
- $\triangle DFG \cong \triangle EFG$
- $\triangle ADE \cong \triangle ACB$
- Answers will vary.

Sample answer:



Chapter 6 Review

From least to greatest: $-5.\bar{3}$, $\frac{24}{120}$,

2.03×10^{-1} , $\frac{8}{11}$, $\frac{7}{9}$, $4\frac{2}{3}$, 4.7 , $\frac{19}{4}$

Chapter 7 Review

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

Lesson 8-3

- $0.12 \cdot B = 120$
- $0.82 \cdot 30 = P$
- $0.4 \cdot 37 = P$
- $0.5 \cdot B = 61$
- $0.03 \cdot B = 6$
- $R \cdot 72 = 3.6$
- $0.65 \cdot 123 = P$
- $R \cdot 80 = 72$
- $0.42 \cdot B = 21$
- $R \cdot 96 = 24$
- $R \cdot 104 = 13$
- $0.75 \cdot 98 = P$
- $0.2 \cdot B = 24$
- $0.18 \cdot 54 = P$
- $0.12 \cdot 1.75 = P$
- $0.15 \cdot B = 8.22$

Answer Key

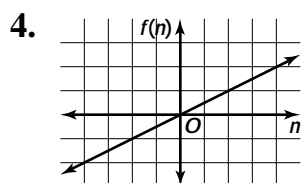
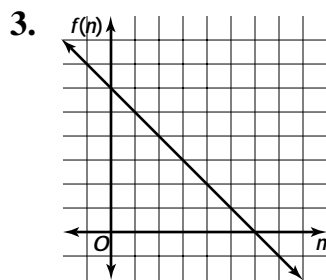
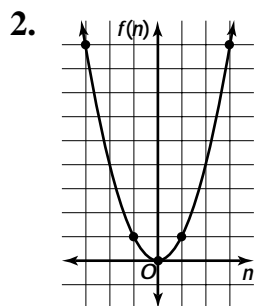
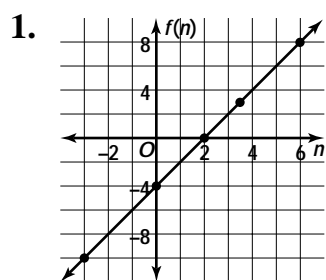
Chapter 8 Review

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.

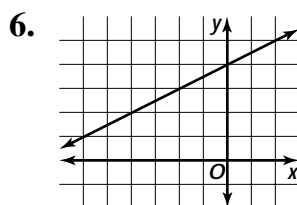
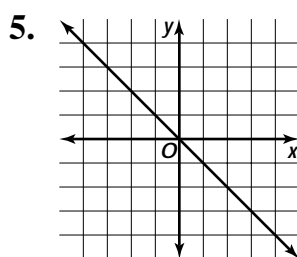
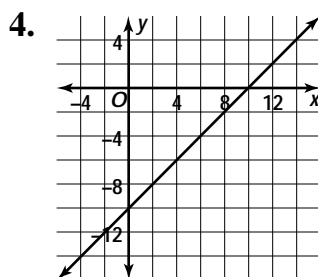
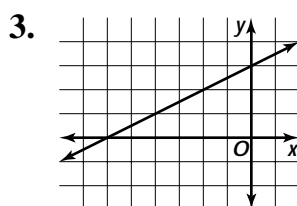
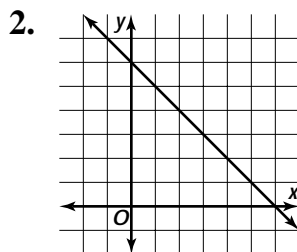
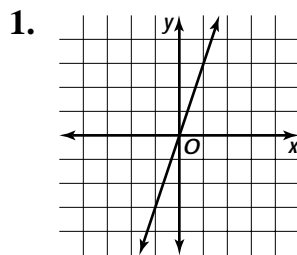
Chapter 9 Review

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

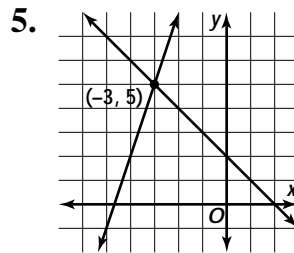
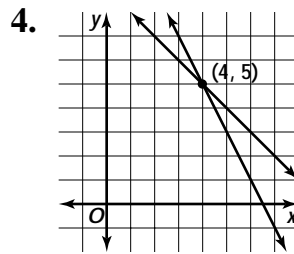
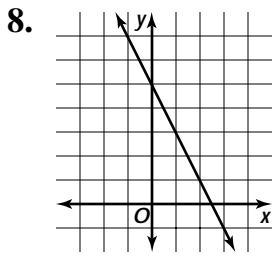
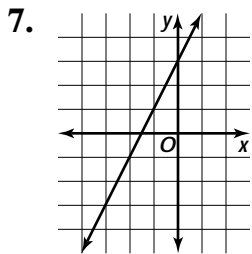
Lesson 10-2



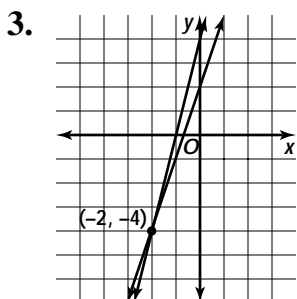
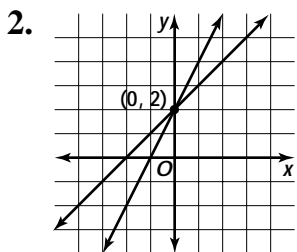
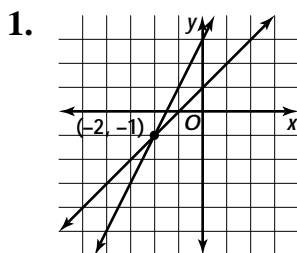
Lesson 10-4



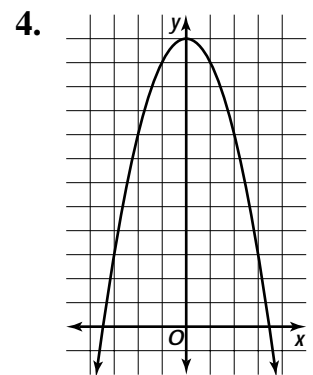
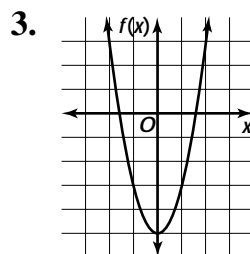
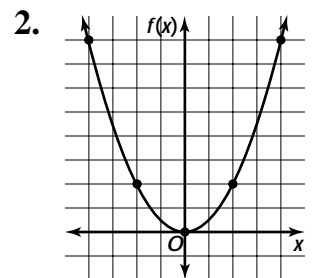
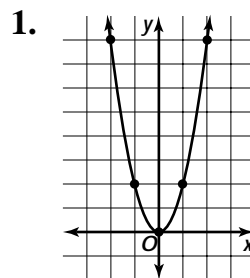
Answer Key



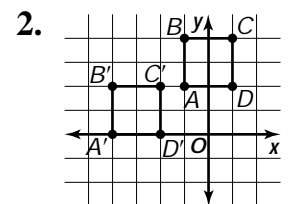
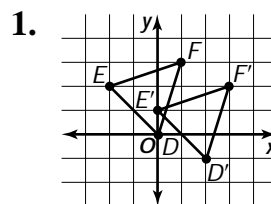
Lesson 10-5



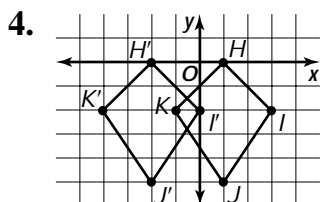
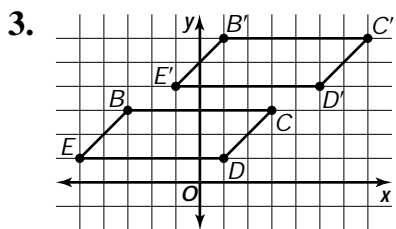
Lesson 10-6



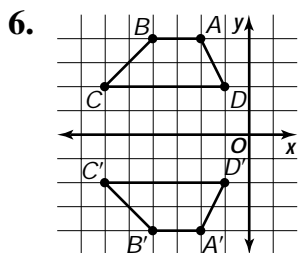
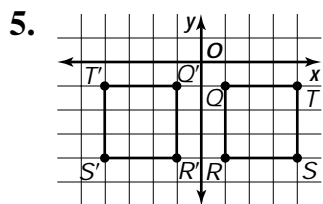
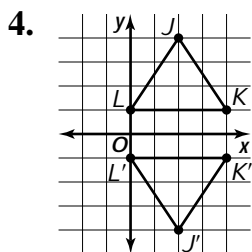
Lesson 10-7



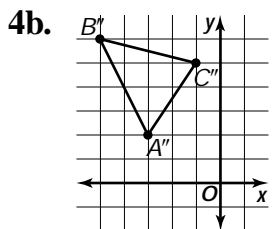
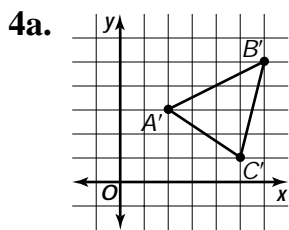
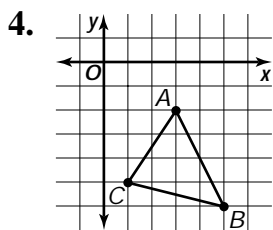
Answer Key



Lesson 10-8



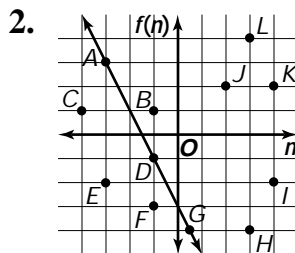
Lesson 10-9



Chapter 10 Review

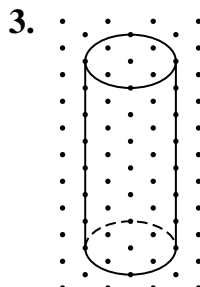
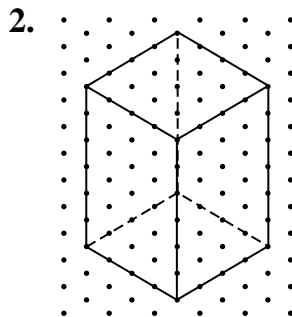
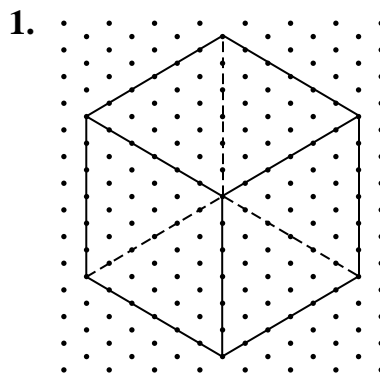
1.

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

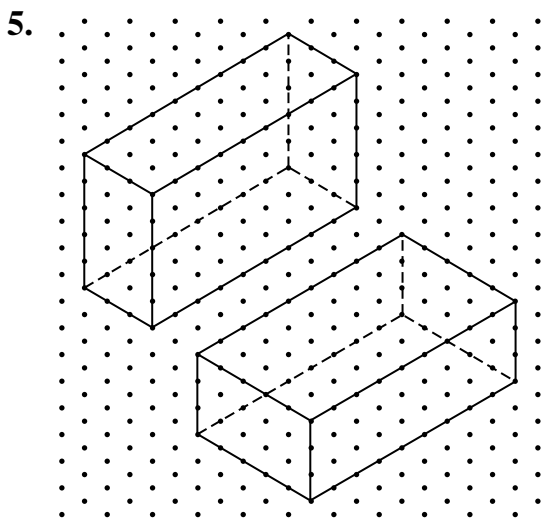


3. A, D, or G 4. A 5. D 6. G

Lesson 11-2



Answer Key



Chapter 11 Review

1. 88 in^2 2. 152 in^2 3. 154 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

- 7.
- 8.

9.

10.

11.

12.

13.

14.

15.

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.