Chapter 8 Extra Practice Answers

Lesson 8-1

1. 10 cm
2. 8 in.
3. 5.5 yd
4. 30 mm
5. 3.5 ft
6. 13 cm
7. 52.8 ft
8. 15.7 cm
9. 89.2 yd
10. 19.6 m
11. 75.4 mm
12. 119.3 mi
13. 62.8 in.
14. 106.8 km

Lesson 8-2

1. 28.3 cm^2
2. 12.6 yd^2
3. 3.1 in^2
4. 660.2 cm^2
5. 346.2 ft^2
6. 226.9 in^2
7. 201.0 in^2
8. 19.6 ft^2
9. 1,808.6 cm^2
10. 4.2 m^2
11. 5,278.3 ft^2
12. 14,519.4 cm^2
13. 301.6 mi^2
14. 514.5 m^2
15. 35.8 in^2
16. 4.9 ft^2
17. 25.2 yd^2
18. 1,625.1 m^2

Lesson 8-3

1. 40 ft^2
2. 32.1 cm^2
3. 28 in^2
4. 44 cm^2
5. 148.8 m^2
6. 110.7 cm^2
7. 112 in^2
8. 24 yd^2

Lesson 8-4

1. 24 ft^3
2. 2 yd^3
3. 150 mm^3
4. 34 cm^3
5. 432 in^3
6. 962.5 m^3
7. 240 mm^3
8. 660 yd3

Lesson 8-5

1. 20 cm^3
2. 8 cm^3
3. 34 yd^3
4. 640 in^3
5. 256 cm^3
6. 2,000 in^3

Lesson 8-6

1. 188 in^2
2. 272 cm^2
3. 2,152 in^2
4. 1,724 yd^2
5. 108 cm^2
6. 211.2 cm^2
7. 308.8 mm^2
8. 560 yd^2

Lesson 8-7

1. 175 m^2

2. 13.7 cm^2

3. 42.8 in^2

4. 62.4 in^2

5. 88 ft^2

6. 308.8 cm^2

Lesson 8-8

1. 360 ft^3

2. 146.7 in^3

3. 224 m^3

4. 66 ft^3

5. 160.6 m^2

6. 298 ft^2

7. 876 yd^2

8. 768 in^2