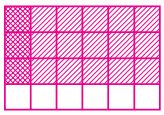
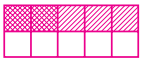
Name _____ Class _____ Date _____

Chapter 5 Answers

Practice 5-1

1. 

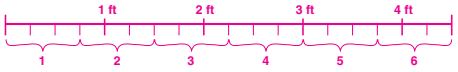
2. 

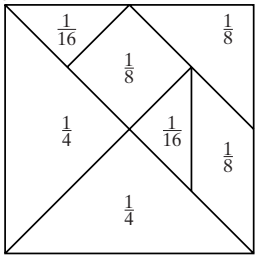
3. 6 **4.** 3 **5.** 4 **6.** $\frac{1}{2}$ **7.** $\frac{5}{16}$
8. $\frac{3}{10}$ **9.** 9 **10.** 6 **11.** $1\frac{1}{2}$ **12.** $\frac{5}{12}$
13. $\frac{21}{32}$ **14.** $\frac{2}{15}$ **15.** $\frac{9}{20}$ **16.** $\frac{1}{6}$ **17.** $\frac{3}{32}$
18. $\frac{14}{55}$ **19.** $\frac{1}{6}$ **20.** $\frac{1}{5}$ **21.** $\frac{1}{5}$ **22.** $\frac{1}{3}$
23. $\frac{6}{35}$ **24.** $\frac{3}{10}$ **25.** $\frac{1}{16}$ **26.** $\frac{9}{50}$
27. $\frac{2}{3} \times \frac{1}{2}$ **28.** $1\frac{1}{2}$ cups **29.** $\frac{1}{3}$

Practice 5-2

1. 6 **2.** 21 **3.** 15 **4.** 10 **5.** 42
6. 77 **7.** 48 **8.** 16 **9.** 96 **10.** $4\frac{23}{24}$
11. $24\frac{15}{32}$ **12.** $15\frac{29}{64}$ **13.** $11\frac{2}{5}$ **14.** $38\frac{101}{120}$ **15.** $80\frac{1}{18}$
16. $45\frac{15}{16}$ **17.** $18\frac{3}{8}$ **18.** $89\frac{11}{21}$ **19.** $1\frac{7}{20}$ **20.** $1\frac{9}{10}$
21. 8 **22.** $20\frac{1}{4}$ **23.** $1\frac{1}{5}$ **24.** $3\frac{1}{5}$ **25.** $3\frac{1}{3}$
26. $\frac{2}{5}$ **27.** $8\frac{3}{4}$ **28.** $2\frac{4}{5}$ **29.** 12 **30.** $2\frac{7}{10}$
31. $4\frac{3}{4}$ **32.** $3\frac{1}{3}$ **33.** $1\frac{1}{5}$ **34.** 11 **35.** $2\frac{1}{5}$
36. $6\frac{1}{4}$ **37.** $7\frac{1}{2}$ ft
38. $4\frac{1}{2}$ cups; $3\frac{1}{2}$ cups; 3 cups; $1\frac{1}{2}$ cups

Practice 5-3

1. $\frac{10}{7}$ **2.** $\frac{1}{4}$ **3.** 3 **4.** 12
5. 

6. $\frac{3}{8}$ **7.** $\frac{1}{8}$ **8.** $1\frac{1}{6}$ **9.** 1 **10.** $3\frac{1}{16}$
11. 2 **12.** $1\frac{1}{4}$ **13.** $1\frac{7}{9}$ **14.** 8
15. 8 servings **16.** 20 pieces **17.** 10 tablespoons
18. $\frac{1}{8}$
19. 

Practice 5-4

1. about 1 **2.** about 2 **3.** about 3 **4.** about 0
5. about 6 **6.** about 10 **7.** about 2 **8.** about 22
9. about 11 **10.** $5\frac{2}{5}$ **11.** $13\frac{1}{3}$ **12.** $1\frac{1}{49}$
13. $2\frac{13}{60}$ **14.** $\frac{2}{23}$ **15.** $9\frac{5}{8}$ **16.** $\frac{56}{95}$
17. $\frac{10}{21}$ **18.** $1\frac{1}{35}$ **19.** $\frac{2}{13}$ **20.** $1\frac{37}{54}$
21. $2\frac{3}{16}$ **22.** $\frac{2}{13}$ **23.** $3\frac{33}{49}$ **24.** $\frac{4}{17}$
25. $\frac{56}{171}$ **26.** $\frac{9}{56}$ **27.** $8\frac{3}{4}$ **28.** $2\frac{6}{7}$
29. $5\frac{5}{9}$ **30.** $\frac{9}{10}$ **31.** $2\frac{37}{40}$ **32.** $4\frac{4}{5}$
33. $\frac{7}{52}$ **34.** 7 pillows **35.** 15 pillows
36. 16 columns

Practice 5-5

1. $2\frac{1}{6}$ **2.** $\frac{7}{18}$ **3.** $1\frac{5}{14}$ **4.** $7\frac{1}{5}$ **5.** $1\frac{3}{5}$
6. $1\frac{1}{5}$ **7.** $\frac{7}{8}$ **8.** $1\frac{2}{5}$ **9.** $\frac{4}{7}$ **10.** 8
11. $3\frac{3}{7}$ **12.** $1\frac{11}{25}$ **13.** $\frac{9}{16}$ **14.** $6\frac{1}{4}$ **15.** $\frac{7}{20}$
16. $4\frac{1}{2}$ **17.** $\frac{17}{24}$ **18.** $\frac{1}{3}$ **19.** $\frac{3}{7}$ **20.** $\frac{3}{5}$
21. $6\frac{4}{5}$ **22.** $\frac{3}{4}x = 1$; $1\frac{1}{3}$ in. **23.** $\frac{3}{22}$

Practice 5-6

1. No; if the last ride ends at 9 P.M.; Yes; if the last ride leaves at 9 P.M.
2. $40,416,000,000 **3.** 3,920 gal
4. Christine: Latin; Judy: German; Pepe: Spanish; John: French
5. 7,500 **6.** about 2,016,000 times
7. about 9 mi **8.** no

Practice 5-7

1. Feet; a stop sign is much taller than a bottle cap.
2. Inches; a leaf is shorter than a male's foot.
3. Feet; a door is much narrower than a football field.
4. Miles; the ocean is deeper than 14 football fields in most places.
5. Ounces; a notebook is lighter than a loaf of bread.
6. Pounds; a couch is lighter than two pianos.
7. Tons; a garbage truck is heavier than two pianos.
8. Pounds; a box of books is lighter than two pianos.
9. Gallons; there is more water than in a can of paint.
10. Gallons; a bathtub holds more water than a paint can.
11. Cups; a soup can is about the size of a drinking glass.
12. Quarts; a milk carton is about the size of a juice bottle.
13. > **14.** < **15.** =

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Chapter 5 Answers (continued)

Practice 5-8

1. $2\frac{1}{2}$ **2.** $3\frac{3}{4}$ **3.** 6,600 **4.** 40 **5.** $3\frac{1}{2}$
6. 5,500 **7.** 48 **8.** 5 **9.** 4 ft 10 in.
10. 24 qt **11.** 17 yd 7 in. **12.** 6 lb 12 oz
13. 8 c 5 fl oz **14.** 7 yd 1 ft **15.** 528 ft
16. 63,360 in. **17.** $4\frac{1}{2}$ lb **18.** $22\frac{1}{2}$ c
19. $31\frac{1}{4}$ lb **20.** > **21.** = **22.** > **23.** =
24. > **25.** <

Reteaching 5-1

1. $\frac{3}{4} \times \frac{1}{2} = \frac{3}{8}$ **2.** $\frac{1}{2} \times \frac{2}{3} = \frac{2}{6} = \frac{1}{3}$ **3.** $\frac{2}{27}$ **4.** $\frac{1}{7}$
5. $3\frac{3}{4}$ **6.** $\frac{3}{7}$ **7.** $\frac{7}{30}$ **8.** $\frac{5}{8}$ **9.** $\frac{21}{80}$
10. $\frac{1}{12}$ **11.** $1\frac{7}{9}$ **12.** $\frac{2}{3}$ **13.** $2\frac{2}{9}$ **14.** $\frac{3}{10}$
15. $1\frac{1}{4}$ cups

Reteaching 5-2

1. $3\frac{1}{3}$ **2.** $10\frac{4}{5}$ **3.** $8\frac{4}{5}$ **4.** $\frac{5}{9}$ **5.** 30
6. $5\frac{2}{3}$ **7.** 10 **8.** $1\frac{4}{5}$ **9.** 10 **10.** $4\frac{2}{7}$
11. $4\frac{1}{8}$ **12.** 12 **13.** $\frac{2}{5}$ **14.** $\frac{1}{4}$ **15.** $\frac{1}{2}$
16. 11 **17.** $5\frac{5}{6}$ **18.** $6\frac{1}{15}$ **19.** $\frac{8}{35}$ **20.** $5\frac{1}{10}$
21. $8\frac{1}{2}$ **22.** $12\frac{1}{2}$ **23.** $3\frac{5}{7}$ **24.** $\frac{3}{14}$ **25.** 4
26. 66 square inches **27.** $8\frac{3}{4}$ inches

Reteaching 5-3

1. 4 **2.** $\frac{3}{5}$ **3.** 20 **4.** $\frac{9}{8}$ **5.** $\frac{1}{14}$
6. $\frac{1}{18}$ **7.** $\frac{9}{5}$ **8.** $\frac{11}{3}$ **9.** $\frac{7}{9}$ **10.** $\frac{12}{11}$
11. $\frac{7}{2}$ **12.** $\frac{15}{3}$ **13.** 3 **14.** 8 **15.** 12
16. 15 **17.** $7\frac{1}{2}$ **18.** $16\frac{4}{5}$ **19.** $1\frac{2}{5}$ **20.** $1\frac{1}{8}$
21. $\frac{2}{7}$ **22.** $1\frac{5}{16}$ **23.** $\frac{1}{8}$ **24.** $\frac{8}{15}$ **25.** $\frac{3}{10}$
26. $\frac{3}{25}$ **27.** $\frac{1}{16}$ **28.** $\frac{6}{7}$ **29.** $2\frac{1}{2}$ **30.** $1\frac{2}{9}$

Reteaching 5-4

1. 3 **2.** 5 **3.** 17 **4.** 2 **5.** 3
6. 3 **7.** 2 **8.** 5 **9.** 3 **10.** 3
11. 3 **12.** 2 **13.** 10 **14.** $16\frac{1}{50}$ **15.** $2\frac{4}{9}$
16. $2\frac{9}{20}$ **17.** $13\frac{8}{11}$ **18.** $\frac{7}{16}$ **19.** $2\frac{6}{13}$ **20.** $12\frac{4}{27}$
21. $\frac{3}{5}$

Reteaching 5-5

1. $\frac{4}{5}$ **2.** $\frac{3}{5}$ **3.** 12 **4.** $\frac{6}{2} = 3$ **5.** $\frac{2}{5}$
6. $\frac{1}{5}$ **7.** $\frac{2}{9}$ **8.** $\frac{7}{12}$ **9.** $\frac{3}{5}$ **10.** $\frac{2}{9}$
11. $110\frac{1}{4}$ pounds **12.** $40\frac{1}{2}$

Reteaching 5-6

1. \$168,070 **2.** \$167,580 **3.** 15 games **4.** \$1,051.20

Reteaching 5-7

1. Gardens can be quite long, so use feet or yards.
2. Hummingbirds are quite small, so use inches.
3. A letter is not heavy, so use ounces.
4. Steel girders are heavy, so use tons.
5. A pitcher is usually less than a gallon, so use quarts.
6. There is a lot of water in an aquarium, so use gallons.
7. > **8.** ≈

Reteaching 5-8

1. 4 **2.** 8 **3.** 7,920 **4.** $7\frac{1}{2}$
5. $\frac{1}{4}$ **6.** 5,000 **7.** 74 **8.** $2\frac{1}{2}$
9. 99 **10.** 8 pt **11.** 2 yd 2 ft **12.** 15 lb
13. < **14.** = **15.** < **16.** =
17. > **18.** < **19.** $4\frac{1}{4}$ tons

Enrichment 5-1

1. The recipe makes $1\frac{1}{2}$ cups; 2 cups are needed
2. More, since 2 cups is greater than $1\frac{1}{2}$ cups.
3. $1\frac{1}{2} = \frac{3}{2}$ **4.** When $\frac{4}{3}$ is multiplied by $\frac{3}{2}$ the product is 2.
5. $\frac{4}{3}$ or $1\frac{1}{3}$ **6.**

Fruit Dessert Recipe		
Ingredient	**$1\frac{1}{2}$ cups**	**2 cups**
sour cream	1 cup	**$1\frac{1}{3}$ cup**
orange marmalade	$\frac{1}{2}$ cup	**$\frac{2}{3}$ cup**
walnuts	$\frac{1}{4}$ cup	**$\frac{1}{3}$ cup**
milk	2 tbsp	**$2\frac{2}{3}$ tbsp**
can of fruit	1 can	**$1\frac{1}{3}$ can**

7. Divide 2 cups by $1\frac{1}{2}$ cups. then multiply the quotient by the amounts of the ingredients.

Enrichment 5-2

1. $16\frac{1}{2}$ ft by $17\frac{1}{6}$ ft **2.** $10\frac{7}{12}$ ft by 14 ft
3. Multiply length by width. **4.** $\frac{33}{2} \cdot \frac{103}{6}$
5. $(14 \cdot 10) + (14 \cdot \frac{7}{12})$ **6.** subtraction
7. $283\frac{1}{4}$ ft^2; $148\frac{1}{6}$ ft^2 **8.** $135\frac{1}{12}$ ft^2
9. Sample answer: Yes; you would not need to calculate using fractions.
10. bedroom: $131\frac{1}{4}$ ft^2; bathroom: 57 ft^2; difference: $74\frac{1}{4}$ ft^2

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