Chapter 8 Extra Practice

Lesson 8.1
Divide. Draw a number line or use fraction strips.

1. $2 \div \frac{1}{4} = \underline{\phantom{000}}$
2. $\frac{1}{7} \div 3 = \underline{\phantom{00000}}$
3. $4 \div \frac{1}{5} = \underline{\phantom{0000}}$
4. $3 \div \frac{1}{2} = \underline{\phantom{000}}$
5. $\frac{1}{8} \div 5 = \underline{\phantom{00000}}$
6. $\frac{1}{9} \div 3 = \underline{\phantom{00000}}$
7. $5 \div \frac{1}{6} = \underline{\phantom{000}}$
8. $8 \div \frac{1}{3} = \underline{\phantom{0000}}$
9. $\frac{1}{5} \div 5 = \underline{\phantom{00000}}$

Lesson 8.2
Draw a diagram to solve.

1. A baker has 6 small bags of flour. Each bag weighs 1 pound. She divides each bag into thirds. How many $\frac{1}{3}$-pound bags of flour does the baker have?

2. Merrill cuts 6 apple pies into halves. How many $\frac{1}{2}$-size pie pieces does she have?
Lesson 8.3

Complete the number sentence to solve.

1. Three students share 5 peaches equally. How many peaches does each student get?
   \[ 5 \div 3 = \quad \]

2. Six friends share 4 sandwiches equally. What fraction of a sandwich does each friend get?
   \[ 4 \div 6 = \quad \]

3. Ten cousins share 3 pizzas equally. What fraction of a pizza does each cousin get?
   \[ 3 \div 10 = \quad \]

4. Four boys share 9 yards of fishing wire equally. How many yards of fishing wire does each boy get?
   \[ 9 \div 4 = \quad \]

Lesson 8.4

Write a related multiplication expression to solve.

1. \[ 6 \div \frac{1}{4} = \quad \]
   \[ 9 \div \frac{1}{3} = \quad \]

2. \[ \frac{1}{6} \div 7 = \quad \]
   \[ \frac{1}{4} \div 10 = \quad \]

Lesson 8.5

1. Write an equation to represent the problem. Then solve.

   Luz has \( \frac{1}{3} \) pound of cherries. She divides the cherries equally into 2 bags. What fraction of a pound of cherries is in each bag?

2. Draw a diagram to represent the problem. Then solve.

   Tran has 4 submarine sandwiches. He cuts each sandwich into thirds. How many \( \frac{1}{3} \)-sandwich pieces does he have?