

Name _____

Connect Fractions to Division**COMMON CORE STANDARD** CC.5.NF.3

Apply and extend previous understandings of multiplication and division to multiply and divide fractions.

Complete the number sentence to solve.

1. Six students share 8 apples equally. How many apples does each student get?

$$8 \div 6 = \underline{\frac{8}{6}, \text{ or } 1\frac{1}{3}}$$

2. Ten boys share 7 cereal bars equally. What fraction of a cereal bar does each boy get?

$$7 \div 10 = \underline{\hspace{2cm}}$$

3. Eight friends share 12 pies equally. How many pies does each friend get?

$$12 \div 8 = \underline{\hspace{2cm}}$$

4. Three girls share 8 yards of fabric equally. How many yards of fabric does each girl get?

$$8 \div 3 = \underline{\hspace{2cm}}$$

5. Five bakers share 2 loaves of bread equally. What fraction of a loaf of bread does each baker get?

$$2 \div 5 = \underline{\hspace{2cm}}$$

6. Nine friends share 6 cookies equally. What fraction of a cookie does each friend get?

$$6 \div 9 = \underline{\hspace{2cm}}$$

7. Twelve students share 3 pizzas equally. What fraction of a pizza does each student get?

$$3 \div 12 = \underline{\hspace{2cm}}$$

8. Three sisters share 5 sandwiches equally. How many sandwiches does each sister get?

$$5 \div 3 = \underline{\hspace{2cm}}$$

Problem Solving 

9. There are 12 students in a jewelry-making class and 8 sets of charms. What fraction of a set of charms will each student get?

10. Five friends share 6 cheesecakes equally. How many cheesecakes will each friend get?

Lesson Check (CC.5.NF.3)

- Eight friends share 4 bunches of grapes equally. What fraction of a bunch of grapes does each friend get?
 - $\frac{1}{8}$
 - $\frac{1}{4}$
 - $\frac{1}{2}$
 - 2
- Ten students share 8 pieces of poster board equally. What fraction of a piece of poster board does each student get?
 - $1\frac{4}{5}$
 - $1\frac{1}{4}$
 - $\frac{4}{5}$
 - $\frac{5}{9}$

Spiral Review (CC.5.NBT.6, CC.5.NBT.7, CC.5.NF.7a, CC.5.NF.7b)

- Arturo has a log that is 4 yards long. He cuts the log into pieces that are $\frac{1}{3}$ -yard long. How many pieces will Arturo have? (Lesson 8.1)
 - $\frac{3}{4}$
 - $\frac{4}{3}$
 - 6
 - 12
- Vu has 2 pizzas that he cuts into sixths. How many $\frac{1}{6}$ -size pieces does he have? (Lesson 8.2)
 - 12
 - 6
 - 3
 - $\frac{1}{3}$
- Kayaks rent for \$35 per day. Which expression can you use to find the cost in dollars of renting 3 kayaks for a day? (Lesson 1.3)
 - $(3 + 30) + (3 + 5)$
 - $(3 \times 30) + (3 \times 5)$
 - $(3 + 30) \times (3 + 5)$
 - $(3 \times 30) \times (3 \times 5)$
- Louisa is 152.7 centimeters tall. Her younger sister is 8.42 centimeters shorter than she is. How tall is Louisa's younger sister? (Lesson 3.9)
 - 6.85 cm
 - 144.28 cm
 - 144.38 cm
 - 154.28 cm