

## Section 6.5 Extra Practice

1. Fill in the blanks. Then, write the division statement, including the quotient, that matches the diagram.

### Example



How many  $\frac{1}{4}$ s in 1?  $1 \div \frac{1}{4} = 4$



a) How many \_\_\_\_\_ in \_\_\_\_\_? \_\_\_\_\_



b) How many \_\_\_\_\_ in \_\_\_\_\_? \_\_\_\_\_

2. Divide using a common denominator. Show your work.

a)  $\frac{3}{4} \div \frac{1}{8} =$  \_\_\_\_\_      b)  $\frac{5}{6} \div \frac{2}{3} =$  \_\_\_\_\_

c)  $2\frac{1}{2} \div \frac{3}{4} =$  \_\_\_\_\_      d)  $3\frac{7}{10} \div 1\frac{1}{5} =$  \_\_\_\_\_

3. Write the reciprocal.

a)  $\frac{1}{3}$  \_\_\_\_\_      b)  $\frac{5}{6}$  \_\_\_\_\_      c)  $2\frac{1}{3}$  \_\_\_\_\_      d)  $4\frac{2}{5}$  \_\_\_\_\_

4. Divide using multiplication. Show your work.

a)  $\frac{3}{5} \div \frac{2}{3} =$  \_\_\_\_\_      b)  $2\frac{1}{4} \div 1\frac{1}{2} =$  \_\_\_\_\_

c)  $\frac{7}{8} \div \frac{1}{6} =$  \_\_\_\_\_      d)  $8 \div 1\frac{3}{4} =$  \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**5.** For each question below, do the following:

- Write the division statement that matches the problem.
- Estimate the answer, showing your work.
- Divide, and then write the sentence answer.

**a)** How many  $\frac{3}{4}$  cup portions are in  $1\frac{1}{2}$  cups of sugar?

Division Statement	Estimate	Calculation

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**b)** Sabrina has  $3\frac{1}{3}$  L of ice cream to share equally among herself and her nine friends at her birthday party. How much ice cream will each get?

Division Statement	Estimate	Calculation