



# Multiplying and Dividing Fractions

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

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

Grade: Grade 5

## Part A: Multiple Choice

Circle the best answer for each question.

1. What is  $\frac{2}{3} \times \frac{3}{4} \times \frac{4}{5}$ ?

- A)  $\frac{2}{5}$
- B)  $\frac{9}{60}$
- C)  $\frac{1}{3}$
- D)  $\frac{3}{5}$

2. What is  $\frac{5}{6} \div \frac{2}{3}$ ?

- A)  $\frac{5}{9}$
- B)  $\frac{10}{9}$
- C)  $\frac{5}{8}$
- D)  $\frac{5}{4}$

3. Simplify:  $\frac{3}{8} \times \frac{4}{9} \div \frac{1}{3}$

- A)  $\frac{1}{2}$
- B)  $\frac{1}{6}$
- C)  $\frac{1}{3}$
- D)  $\frac{2}{3}$

4. What is  $\frac{7}{10} \div \frac{7}{5}$ ?

- A)  $\frac{1}{2}$
- B) 1
- C)  $\frac{49}{50}$
- D)  $\frac{7}{50}$

## Part B: Fill in the Blank

Write the correct answer on each line.

1.  $\frac{2}{5} \times \frac{5}{8} =$  \_\_\_\_\_ .

2.  $\frac{3}{4} \div \frac{9}{16} = \frac{3}{4} \times \frac{16}{9} =$  \_\_\_\_\_ as a mixed number.

3.  $\frac{1}{2} \times \frac{4}{7} \times \frac{7}{8} =$  \_\_\_\_\_ .

4.  $\frac{5}{6} \div \frac{5}{12} = \frac{5}{6} \times \frac{12}{5} =$  \_\_\_\_\_ .

5.  $\frac{2}{3} \times \frac{9}{10} \div \frac{3}{5} =$  \_\_\_\_\_ .

## Answer Key • Multiplying and Dividing Fractions • Grade: Grade 5

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4. What is  $\frac{7}{10} \div \frac{7}{5}$ ?

- A)  $\frac{1}{2}$   
 B) 1  
 C)  $\frac{49}{50}$   
 D)  $\frac{7}{50}$

### Part B: Fill in the Blank

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Write the correct answer on each line.

1.  $\frac{2}{5} \times \frac{5}{8} = \underline{\frac{1}{4}}$ .

2.  $\frac{3}{4} \div \frac{9}{16} = \frac{3}{4} \times \frac{16}{9} = \underline{1\frac{1}{3}}$  as a mixed number.

3.  $\frac{1}{2} \times \frac{4}{7} \times \frac{7}{8} = \underline{\frac{1}{4}}$ .

4.  $\frac{5}{6} \div \frac{5}{12} = \frac{5}{6} \times \frac{12}{5} = \underline{2}$ .

5.  $\frac{2}{3} \times \frac{9}{10} \div \frac{3}{5} = \underline{1}$ .