



Multiplying and Dividing Fractions

Name: _____

Date: _____

Grade: Grade 5

Part A: Multiple Choice

Circle the best answer for each question.

1. What is $1\frac{2}{3} \div \frac{5}{6}$?

- A) 2
- B) $1\frac{5}{9}$
- C) $\frac{25}{18}$
- D) $\frac{5}{6}$

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

- A) $\frac{6}{5}$
- B) $1\frac{1}{2}$
- C) $\frac{3}{2}$
- D) $3\frac{1}{10}$

3. Simplify: $\frac{4}{9} \div \frac{2}{3} \times \frac{3}{4}$

- A) $\frac{1}{2}$
- B) $\frac{1}{3}$
- C) $\frac{2}{3}$
- D) $\frac{1}{4}$

4. A tank holds $2\frac{1}{4}$ gallons. Each bucket holds $\frac{3}{8}$ gallon. How many buckets fill the tank?

- A) 5
- B) 6
- C) 7
- D) 8

Part B: Fill in the Blank

Write the correct answer on each line.

1. $2\frac{1}{5} \times \frac{5}{11} = \frac{11}{5} \times \frac{5}{11} =$ _____ .

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

3. $\frac{7}{8} \div \frac{7}{12} = \frac{7}{8} \times \frac{12}{7} =$ _____ as a mixed number.

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

5. $\frac{5}{6} \times \frac{3}{10} \div \frac{1}{4} =$ _____ .

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

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3. Simplify: $\frac{4}{9} \div \frac{2}{3} \times \frac{3}{4}$

- A) $\frac{1}{2}$
 B) $\frac{1}{3}$
 C) $\frac{2}{3}$
 D) $\frac{1}{4}$

4. A tank holds $2\frac{1}{4}$ gallons. Each bucket holds $\frac{3}{8}$ gallon. How many buckets fill the tank?

- A) 5
 B) 6
 C) 7
 D) 8

Part B: Fill in the Blank

Write the correct answer on each line.

1. $2\frac{1}{5} \times \frac{5}{11} = \frac{11}{5} \times \frac{5}{11} = \underline{1}$.

2. $3\frac{1}{3} \div \frac{5}{9} = \frac{10}{3} \times \frac{9}{5} = \underline{6}$.

3. $\frac{7}{8} \div \frac{7}{12} = \frac{7}{8} \times \frac{12}{7} = \underline{1\frac{1}{2}}$ as a mixed number.

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

5. $\frac{5}{6} \times \frac{3}{10} \div \frac{1}{4} = \underline{1}$.