



Multiplying and Dividing Fractions

Name: _____

Date: _____

Grade: Grade 5

Part A: Multiple Choice

Circle the best answer for each question.

1. A trail is $\frac{3}{4}$ mile long. Jenna walks $\frac{2}{3}$ of it.
How far does she walk?

- A) $\frac{5}{7}$ mile
- B) $\frac{1}{2}$ mile
- C) $\frac{1}{4}$ mile
- D) $\frac{2}{4}$ mile

2. A baker has $3\frac{1}{2}$ cups of sugar and uses $\frac{1}{4}$ cup per batch. How many batches can he make?

- A) 7
- B) 12
- C) 14
- D) $3\frac{1}{4}$

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

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

4. A rectangle is $\frac{5}{8}$ m wide and $\frac{4}{5}$ m long.
What is its area?

- A) $\frac{9}{13}$ sq m
- B) $\frac{20}{40}$ sq m
- C) $\frac{1}{2}$ sq m
- D) 1 sq m

Part B: Fill in the Blank

Write the correct answer on each line.

1. A pipe fills $\frac{2}{5}$ of a tank per hour. In $\frac{5}{6}$ hour it fills _____ of the tank.
2. A rope is $4\frac{1}{2}$ meters. Cut into $\frac{3}{4}$ -meter pieces, you get _____ pieces.
3. $\frac{3}{8}$ of a class of 40 students is _____ students.
4. A car uses $\frac{7}{10}$ gallon per trip. After $\frac{5}{7}$ of a trip it has used _____ gallon.
5. $2\frac{2}{3} \div \frac{4}{9} = \frac{8}{3} \times \frac{9}{4} =$ _____.

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

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- A pipe fills $\frac{2}{5}$ of a tank per hour. In $\frac{5}{6}$ hour it fills $\frac{1}{3}$ of the tank.
- A rope is $4\frac{1}{2}$ meters. Cut into $\frac{3}{4}$ -meter pieces, you get 6 pieces.
- $\frac{3}{8}$ of a class of 40 students is 15 students.
- A car uses $\frac{7}{10}$ gallon per trip. After $\frac{5}{7}$ of a trip it has used $\frac{1}{2}$ gallon.
- $2\frac{2}{3} \div \frac{4}{9} = \frac{8}{3} \times \frac{9}{4} =$ 6 .