



Multiplying and Dividing Fractions

Name: _____

Date: _____

Grade: Grade 5

Part A: Multiple Choice

Circle the best answer for each question.

1. A recipe needs $\frac{3}{4}$ cup flour. You make $\frac{2}{3}$ of the recipe. How much flour?

- A) $\frac{1}{2}$ cup
- B) $\frac{6}{7}$ cup
- C) $\frac{5}{12}$ cup
- D) $\frac{1}{4}$ cup

2. A board is $\frac{5}{6}$ yard. Cut into $\frac{1}{3}$ -yard pieces. How many pieces?

- A) $\frac{5}{18}$
- B) $\frac{5}{2}$
- C) $2\frac{1}{2}$
- D) $1\frac{2}{3}$

3. A garden is $\frac{3}{4}$ m wide and $\frac{2}{5}$ m long. What is its area?

- A) $\frac{3}{10}$ sq m
- B) $\frac{7}{20}$ sq m
- C) $\frac{5}{9}$ sq m
- D) $1\frac{1}{10}$ sq m

4. Sam has $\frac{4}{5}$ of a pizza, shared equally among 4 friends. Each friend gets:

- A) $\frac{4}{5}$
- B) $\frac{1}{5}$
- C) $\frac{4}{9}$
- D) $\frac{1}{4}$

Part B: Fill in the Blank

Write the correct answer on each line.

1. A ribbon is $\frac{7}{8}$ yard. Maria uses $\frac{1}{2}$ of it. She uses _____ yard.

2. A painter covers $\frac{2}{3}$ of a wall per hour. In $\frac{3}{4}$ hour he covers _____ of the wall.

3. A bag holds $\frac{5}{6}$ kg of rice. Filled $\frac{3}{5}$ full, it holds _____ kg.

4. A rope is $\frac{9}{10}$ meter. Cut into $\frac{3}{10}$ -meter pieces, you get _____ pieces.

5. A tank holds $\frac{3}{4}$ gallon. Filled $\frac{4}{5}$ full, it contains _____ gallon.

Part A: Multiple Choice

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1. A recipe needs $\frac{3}{4}$ cup flour. You make $\frac{2}{3}$ of the recipe. How much flour?

- A) $\frac{1}{2}$ cup
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- C) $\frac{5}{12}$ cup
- D) $\frac{1}{4}$ cup

2. A board is $\frac{5}{6}$ yard. Cut into $\frac{1}{3}$ -yard pieces. How many pieces?

- A) $\frac{5}{18}$
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3. A garden is $\frac{3}{4}$ m wide and $\frac{2}{5}$ m long. What is its area?

- A) $\frac{3}{10}$ sq m
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4. Sam has $\frac{4}{5}$ of a pizza, shared equally among 4 friends. Each friend gets:

- A) $\frac{4}{5}$
- B) $\frac{1}{5}$
- C) $\frac{4}{9}$
- D) $\frac{1}{4}$

Part B: Fill in the Blank

Write the correct answer on each line.

1. A ribbon is $\frac{7}{8}$ yard. Maria uses $\frac{1}{2}$ of it. She uses $\frac{7}{16}$ yard.

2. A painter covers $\frac{2}{3}$ of a wall per hour. In $\frac{3}{4}$ hour he covers $\frac{1}{2}$ of the wall.

3. A bag holds $\frac{5}{6}$ kg of rice. Filled $\frac{3}{5}$ full, it holds $\frac{1}{2}$ kg.

4. A rope is $\frac{9}{10}$ meter. Cut into $\frac{3}{10}$ -meter pieces, you get 3 pieces.

5. A tank holds $\frac{3}{4}$ gallon. Filled $\frac{4}{5}$ full, it contains $\frac{3}{5}$ gallon.