



Multiplying and Dividing Fractions

Name: _____

Date: _____

Grade: Grade 5

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: $\frac{1}{4} \div 3 = \frac{3}{4}$ because you multiply the numerator by 3.

Rewrite: _____

2. Fix the sentence: $6 \div \frac{1}{2} = 3$ because 6 divided by 2 is 3.

Rewrite: _____

3. Fix the sentence: $\frac{1}{5} \div 2 = \frac{2}{5}$ because dividing flips the fraction.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. $\frac{1}{3} \div 4 =$ _____

2. $8 \div \frac{1}{4} =$ _____

3. $\frac{1}{6} \div 3 =$ _____

4. $5 \div \frac{1}{5} =$ _____

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why does $4 \div \frac{1}{3}$ give a number larger than 4?

2. Write a word problem where the answer uses $\frac{1}{6} \div 2 = \frac{1}{12}$.

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

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: $\frac{1}{4} \div 3 = \frac{3}{4}$ because you multiply the numerator by 3.

Rewrite: $\frac{1}{4} \div 3 = \frac{1}{12}$ because you multiply the denominator by 3.

2. Fix the sentence: $6 \div \frac{1}{2} = 3$ because 6 divided by 2 is 3.

Rewrite: $6 \div \frac{1}{2} = 12$ because you multiply 6 by the reciprocal $\frac{2}{1}$.

3. Fix the sentence: $\frac{1}{5} \div 2 = \frac{2}{5}$ because dividing flips the fraction.

Rewrite: $\frac{1}{5} \div 2 = \frac{1}{10}$ because you multiply the denominator by 2.

Part B: Fill in the Blank

Write the missing word or number on each line.

1. $\frac{1}{3} \div 4 = \frac{1}{12}$

2. $8 \div \frac{1}{4} = 32$

3. $\frac{1}{6} \div 3 = \frac{1}{18}$

4. $5 \div \frac{1}{5} = 25$

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why does $4 \div \frac{1}{3}$ give a number larger than 4?

Each whole contains 3 thirds, so 4 wholes contain $4 \times 3 = 12$ thirds.

2. Write a word problem where the answer uses $\frac{1}{6} \div 2 = \frac{1}{12}$.

If you split $\frac{1}{6}$ of a pizza equally between 2 friends, each gets $\frac{1}{12}$ of the pizza.
