



Multiplying and Dividing Fractions

Name: _____

Date: _____

Grade: Grade 5

Part A: Fill in the Blank

Write the missing word or number on each line.

1. The reciprocal of $\frac{7}{8}$ is _____.
2. $\frac{3}{4} \div \frac{1}{2} = \frac{3}{4} \times \frac{2}{1} =$ _____.
3. $\frac{5}{9} \div \frac{5}{6} = \frac{5}{9} \times \frac{6}{5} =$ _____.
4. Dividing by $\frac{1}{4}$ is the same as multiplying by _____.
5. $\frac{7}{10} \div \frac{7}{20} = \frac{7}{10} \times \frac{20}{7} =$ _____.
6. $\frac{2}{5} \div \frac{4}{15} = \frac{2}{5} \times \frac{15}{4} =$ _____ as a mixed number.
7. A number multiplied by its reciprocal always equals _____.
8. $\frac{3}{8} \div \frac{3}{4} = \frac{3}{8} \times \frac{4}{3} =$ _____.
9. The reciprocal of 6 written as a fraction is _____.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

$\frac{4}{5} \div \frac{2}{5}$	→ _____	$\frac{1}{2}$
$\frac{3}{7} \div \frac{9}{14}$	→ _____	$\frac{2}{3}$
$\frac{1}{3} \div \frac{2}{9}$	→ _____	$1\frac{1}{2}$
$\frac{5}{8} \div \frac{5}{4}$	→ _____	2

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

Part A: Fill in the Blank

Write the missing word or number on each line.

1. The reciprocal of $\frac{7}{8}$ is $\frac{8}{7}$.
2. $\frac{3}{4} \div \frac{1}{2} = \frac{3}{4} \times \frac{2}{1} = 1\frac{1}{2}$.
3. $\frac{5}{9} \div \frac{5}{6} = \frac{5}{9} \times \frac{6}{5} = \frac{2}{3}$.
4. Dividing by $\frac{1}{4}$ is the same as multiplying by 4 .
5. $\frac{7}{10} \div \frac{7}{20} = \frac{7}{10} \times \frac{20}{7} = 2$.
6. $\frac{2}{5} \div \frac{4}{15} = \frac{2}{5} \times \frac{15}{4} = 1\frac{1}{2}$ as a mixed number.
7. A number multiplied by its reciprocal always equals 1 .
8. $\frac{3}{8} \div \frac{3}{4} = \frac{3}{8} \times \frac{4}{3} = \frac{1}{2}$.
9. The reciprocal of 6 written as a fraction is $\frac{1}{6}$.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

$\frac{4}{5} \div \frac{2}{5}$	→ 2	$\frac{1}{2}$
$\frac{3}{7} \div \frac{9}{14}$	→ $\frac{2}{3}$	$\frac{2}{3}$
$\frac{1}{3} \div \frac{2}{9}$	→ $1\frac{1}{2}$	$1\frac{1}{2}$
$\frac{5}{8} \div \frac{5}{4}$	→ $\frac{1}{2}$	2