



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. Convert $2\frac{1}{3}$ to an improper fraction: _____ .
2. Convert $1\frac{3}{4}$ to an improper fraction: _____ .
3. $1\frac{1}{2} \times \frac{2}{3} = \frac{3}{2} \times \frac{2}{3} =$ _____ .
4. $2\frac{1}{4} \times \frac{1}{3} = \frac{9}{4} \times \frac{1}{3} =$ _____ .
5. $3\frac{1}{2} \div \frac{1}{4} = \frac{7}{2} \times \frac{4}{1} =$ _____ .
6. $1\frac{2}{5} \times \frac{5}{7} = \frac{7}{5} \times \frac{5}{7} =$ _____ .
7. $2\frac{1}{3} \div \frac{1}{2} = \frac{7}{3} \times \frac{2}{1} =$ _____ as a mixed number.
8. $1\frac{1}{4} \times 2\frac{2}{5} = \frac{5}{4} \times \frac{12}{5} =$ _____ .
9. $4\frac{1}{2} \div \frac{3}{4} = \frac{9}{2} \times \frac{4}{3} =$ _____ .

Part B: Matching

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

1. Match each item to its correct answer.

$1\frac{1}{3} \times \frac{3}{4}$	→ _____	1
$2\frac{1}{2} \div \frac{5}{6}$	→ _____	3
$1\frac{3}{4} \times \frac{2}{7}$	→ _____	5
$3\frac{1}{3} \div \frac{2}{3}$	→ _____	$\frac{1}{2}$

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. Convert $2\frac{1}{3}$ to an improper fraction: $\frac{7}{3}$.
2. Convert $1\frac{3}{4}$ to an improper fraction: $\frac{7}{4}$.
3. $1\frac{1}{2} \times \frac{2}{3} = \frac{3}{2} \times \frac{2}{3} = 1$.
4. $2\frac{1}{4} \times \frac{1}{3} = \frac{9}{4} \times \frac{1}{3} = \frac{3}{4}$.
5. $3\frac{1}{2} \div \frac{1}{4} = \frac{7}{2} \times \frac{4}{1} = 14$.
6. $1\frac{2}{5} \times \frac{5}{7} = \frac{7}{5} \times \frac{5}{7} = 1$.
7. $2\frac{1}{3} \div \frac{1}{2} = \frac{7}{3} \times \frac{2}{1} = 4\frac{2}{3}$ as a mixed number.
8. $1\frac{1}{4} \times 2\frac{2}{5} = \frac{5}{4} \times \frac{12}{5} = 3$.
9. $4\frac{1}{2} \div \frac{3}{4} = \frac{9}{2} \times \frac{4}{3} = 6$.

Part B: Matching

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

1. Match each item to its correct answer.

$1\frac{1}{3} \times \frac{3}{4}$	→ <u>1</u>	1
$2\frac{1}{2} \div \frac{5}{6}$	→ <u>3</u>	3
$1\frac{3}{4} \times \frac{2}{7}$	→ <u>$\frac{1}{2}$</u>	5
$3\frac{1}{3} \div \frac{2}{3}$	→ <u>5</u>	$\frac{1}{2}$