



Multiplying Fractions by Whole Numbers

Name: _____

Date: _____

Grade: Grade 4

Part A: Fill in the Blank

Write the missing word or number on each line.

1. Using the rule $a \times (b/c) = (a \times b)/c$, the product $3 \times 2/7$ is _____ .
2. The product $4 \times 3/8$ written as an improper fraction is _____ .
3. Simplifying $12/8$ to a mixed number gives _____ .
4. Five copies of $2/3$ written as a $a \times b/c$ form give the product _____ .
5. The mixed-number form of $10/3$ is _____ .
6. The product $7 \times 1/4$ is _____ .
7. Writing $7/4$ as a mixed number gives _____ .
8. Computing $6 \times 2/9$ using the rule yields _____ .
9. The simplest mixed-number form of $12/9$ 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.

$3 \times 2/7$	→ _____	$6/7$
$4 \times 3/8$	→ _____	$12/8$
$5 \times 2/3$	→ _____	$10/3$
$7 \times 1/4$	→ _____	$7/4$

Answer Key · Multiplying Fractions by Whole Numbers · Grade: Grade 4

Part A: Fill in the Blank

Write the missing word or number on each line.

- Using the rule $a \times (b/c) = (a \times b)/c$, the product $3 \times 2/7$ is 6/7 .
- The product $4 \times 3/8$ written as an improper fraction is 12/8 .
- Simplifying $12/8$ to a mixed number gives 1 1/2 .
- Five copies of $2/3$ written as $a \times b/c$ form give the product 10/3 .
- The mixed-number form of $10/3$ is 3 1/3 .
- The product $7 \times 1/4$ is 7/4 .
- Writing $7/4$ as a mixed number gives 1 3/4 .
- Computing $6 \times 2/9$ using the rule yields 12/9 .
- The simplest mixed-number form of $12/9$ is 1 1/3 .

Part B: Matching

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

- Match each item to its correct answer.

$3 \times 2/7$	→ <u>6/7</u>	6/7
$4 \times 3/8$	→ <u>12/8</u>	12/8
$5 \times 2/3$	→ <u>10/3</u>	10/3
$7 \times 1/4$	→ <u>7/4</u>	7/4