



# 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. Each cookie uses  $\frac{1}{4}$  cup of sugar; 8 cookies need \_\_\_\_\_ cups.
2. One muffin needs  $\frac{1}{3}$  cup of flour; 9 muffins use \_\_\_\_\_ cups.
3. A pancake uses  $\frac{1}{2}$  cup milk; 6 pancakes need \_\_\_\_\_ cups milk.
4. Each batch needs  $\frac{2}{3}$  cup oats; 4 batches use \_\_\_\_\_ cups oats.
5. One smoothie uses  $\frac{3}{4}$  cup berries; 5 smoothies use \_\_\_\_\_ cups.
6. A roll uses  $\frac{1}{8}$  cup butter; 10 rolls need \_\_\_\_\_ cups butter.
7. Each loaf uses  $\frac{5}{6}$  cup water; 3 loaves need \_\_\_\_\_ cups water.
8. One waffle needs  $\frac{2}{5}$  cup batter; 7 waffles need \_\_\_\_\_ cups.
9. A pie uses  $\frac{3}{8}$  cup butter; 4 pies need a total of \_\_\_\_\_ cups.

## Part B: Matching

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

1. Match each item to its correct answer.

8 cookies x $\frac{1}{4}$ cup	→ _____	2 cups
9 muffins x $\frac{1}{3}$ cup	→ _____	3 cups
6 pancakes x $\frac{1}{2}$ cup	→ _____	$\frac{8}{3}$ cups
4 batches x $\frac{2}{3}$ cup	→ _____	$\frac{5}{4}$ cups

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

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### Part A: Fill in the Blank

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Write the missing word or number on each line.

1. Each cookie uses  $\frac{1}{4}$  cup of sugar; 8 cookies need 2 cups.
2. One muffin needs  $\frac{1}{3}$  cup of flour; 9 muffins use 3 cups.
3. A pancake uses  $\frac{1}{2}$  cup milk; 6 pancakes need 3 cups milk.
4. Each batch needs  $\frac{2}{3}$  cup oats; 4 batches use  $\frac{8}{3}$  cups oats.
5. One smoothie uses  $\frac{3}{4}$  cup berries; 5 smoothies use  $\frac{15}{4}$  cups.
6. A roll uses  $\frac{1}{8}$  cup butter; 10 rolls need  $\frac{10}{8}$  cups butter.
7. Each loaf uses  $\frac{5}{6}$  cup water; 3 loaves need  $\frac{15}{6}$  cups water.
8. One waffle needs  $\frac{2}{5}$  cup batter; 7 waffles need  $\frac{14}{5}$  cups.
9. A pie uses  $\frac{3}{8}$  cup butter; 4 pies need a total of  $\frac{12}{8}$  cups.

### Part B: Matching

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

1. Match each item to its correct answer.

8 cookies x $\frac{1}{4}$ cup	→ <u>2 cups</u>	2 cups
9 muffins x $\frac{1}{3}$ cup	→ <u>3 cups</u>	3 cups
6 pancakes x $\frac{1}{2}$ cup	→ <u>3 cups</u>	$\frac{8}{3}$ cups
4 batches x $\frac{2}{3}$ cup	→ <u><math>\frac{8}{3}</math> cups</u>	$\frac{5}{4}$ cups