



# Ratios Introduction

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade: Grade 5

## Part A: Fill in the Blank

Write the missing word or number on each line.

1. A pancake recipe uses 3 cups flour to 2 cups milk; for 6 cups flour, you need \_\_\_\_\_ cups milk.
2. Paint mixes 1 part blue to 4 parts white; for 5 parts blue, you need \_\_\_\_\_ parts white.
3. Simplify the ratio 9:12 to lowest terms: \_\_\_\_\_ .
4. A juice recipe uses 2 cups orange to 5 cups water; tripled, it needs \_\_\_\_\_ cups water.
5. If 14:21 is a ratio, simplifying gives \_\_\_\_\_ .
6. A bread recipe uses 4 cups flour to 1 cup water; for 12 cups flour, you need \_\_\_\_\_ cups water.
7. An equivalent ratio of 6:9 in lowest terms is \_\_\_\_\_ .
8. Color mix uses 5 drops red to 2 drops yellow; doubled, it uses \_\_\_\_\_ drops red.
9. Simplify the ratio 20:25 to lowest terms: \_\_\_\_\_ .

## Part B: Matching

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

1. Match each item to its correct answer.

Recipe 2:3 doubled	→ _____	4:6
Mix 6:9 simplified	→ _____	2:3
Ratio 1:5 tripled	→ _____	3:15
Ratio 8:12 simplified	→ _____	2:3 simplified from 8:12

## Answer Key · Ratios Introduction · Grade: Grade 5

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### Part A: Fill in the Blank

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Write the missing word or number on each line.

1. A pancake recipe uses 3 cups flour to 2 cups milk; for 6 cups flour, you need 4 cups milk.
2. Paint mixes 1 part blue to 4 parts white; for 5 parts blue, you need 20 parts white.
3. Simplify the ratio 9:12 to lowest terms: 3:4.
4. A juice recipe uses 2 cups orange to 5 cups water; tripled, it needs 15 cups water.
5. If 14:21 is a ratio, simplifying gives 2:3.
6. A bread recipe uses 4 cups flour to 1 cup water; for 12 cups flour, you need 3 cups water.
7. An equivalent ratio of 6:9 in lowest terms is 2:3.
8. Color mix uses 5 drops red to 2 drops yellow; doubled, it uses 10 drops red.
9. Simplify the ratio 20:25 to lowest terms: 4:5.

### 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.

Recipe 2:3 doubled	→ <u>4:6</u>	4:6
Mix 6:9 simplified	→ <u>2:3</u>	2:3
Ratio 1:5 tripled	→ <u>3:15</u>	3:15
Ratio 8:12 simplified	→ <u>2:3 simplified from 8:12</u>	2:3 simplified from 8:12