



# Ratios Introduction

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

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

Grade: Grade 5

## Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: The ratio 6:2 are equal to the ratio 9:3 because both simplify to 3:1.

Rewrite: \_\_\_\_\_

2. Fix the sentence: 10 books for \$20 are cheaper per book than 6 books for \$18.

Rewrite: \_\_\_\_\_

3. Fix the sentence: Each runner finish the race in different times, so their rates differ.

Rewrite: \_\_\_\_\_

## Part B: Fill in the Blank

Write the missing word or number on each line.

- Which is faster: 30 miles in 2 hours or 50 miles in 4 hours? Answer: \_\_\_\_\_ miles in 2 hours.
- A baker uses 9 cups of flour for 6 loaves. The unit rate is \_\_\_\_\_ cups per loaf.
- If 3 pencils cost 75 cents, then 1 pencil costs \_\_\_\_\_ cents.
- Comparing 12 oranges for \$6 and 20 oranges for \$8, the better deal is \_\_\_\_\_ oranges.

## Part C: Short Answer

Answer each question in one or two complete sentences.

1. A bike rider goes 24 miles in 3 hours. A jogger covers 12 miles in 2 hours. Who is faster and by how much?

\_\_\_\_\_  
\_\_\_\_\_

2. Store A sells 4 cans for \$5. Store B sells 6 cans for \$9. Which store has the better unit price?

\_\_\_\_\_  
\_\_\_\_\_

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

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### Part A: Fix the Sentence

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Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: The ratio 6:2 are equal to the ratio 9:3 because both simplify to 3:1.

Rewrite: The ratios 6:2 and 9:3 are equal because both simplify to 3:1.

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2. Fix the sentence: 10 books for \$20 are cheaper per book than 6 books for \$18.

Rewrite: 10 books for \$20 is cheaper per book than 6 books for \$18.

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3. Fix the sentence: Each runner finish the race in different times, so their rates differ.

Rewrite: Each runner finishes the race in different times, so their rates differ.

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### Part B: Fill in the Blank

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Write the missing word or number on each line.

- Which is faster: 30 miles in 2 hours or 50 miles in 4 hours? Answer: 30 miles in 2 hours.
- A baker uses 9 cups of flour for 6 loaves. The unit rate is 1.5 cups per loaf.
- If 3 pencils cost 75 cents, then 1 pencil costs 25 cents.
- Comparing 12 oranges for \$6 and 20 oranges for \$8, the better deal is 20 oranges.

### Part C: Short Answer

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Answer each question in one or two complete sentences.

1. A bike rider goes 24 miles in 3 hours. A jogger covers 12 miles in 2 hours. Who is faster and by how much?

*The bike rider's rate is 24 divided by 3, which is 8 mph. The jogger's rate is 12 divided by 2, which is 6 mph. The bike rider is 2 mph faster.*

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2. Store A sells 4 cans for \$5. Store B sells 6 cans for \$9. Which store has the better unit price?

*Store A: \$5 divided by 4 equals \$1.25 per can. Store B: \$9 divided by 6 equals \$1.50 per can. Store A has the better price at \$1.25.*

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