



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: A car drives 120 miles in 3 hours, so the unit rate are 40 miles per hour.

Rewrite: _____

2. Fix the sentence: If 5 apples cost \$2, then each apple cost 40 cents.

Rewrite: _____

3. Fix the sentence: She run 6 miles in 1 hour, which gives a unit rate of 6 mph.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. If 4 pounds of rice cost \$12, the unit rate is \$ _____ per pound.
2. A car travels 180 miles in 3 hours, so its unit rate is _____ miles per hour.
3. Comparing 8 cookies for \$4 versus 12 cookies for \$9, the better deal is _____ cookies.
4. If a printer prints 90 pages in 6 minutes, the unit rate is _____ pages per minute.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Which is the better buy: 6 yogurts for \$3 or 10 yogurts for \$4? Show your work.

2. A train travels 240 miles in 4 hours. What is the unit rate, and how far would it go in 7 hours?

Answer Key · Ratios Introduction · Grade: Grade 5

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Rewrite: **A car drives 120 miles in 3 hours, so the unit rate is 40 miles per hour.**

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Rewrite: **She runs 6 miles in 1 hour, which gives a unit rate of 6 mph.**

Part B: Fill in the Blank

Write the missing word or number on each line.

- If 4 pounds of rice cost \$12, the unit rate is \$ 3 per pound.
- A car travels 180 miles in 3 hours, so its unit rate is 60 miles per hour.
- Comparing 8 cookies for \$4 versus 12 cookies for \$9, the better deal is 8 cookies.
- If a printer prints 90 pages in 6 minutes, the unit rate is 15 pages per minute.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Which is the better buy: 6 yogurts for \$3 or 10 yogurts for \$4? Show your work.

6 yogurts for \$3 is \$0.50 each. 10 yogurts for \$4 is \$0.40 each. The 10-pack is the better buy because each yogurt costs less.

2. A train travels 240 miles in 4 hours. What is the unit rate, and how far would it go in 7 hours?

Unit rate is 240 divided by 4, which equals 60 miles per hour. In 7 hours, the train travels 60 times 7, or 420 miles.
