

Unit Rates and Unit Prices

Find each unit rate. Some answers are decimals. Show the division.

Example: \$6.40 for 4 juice boxes. $6.40 \div 4 = 1.60 \rightarrow$ **\$1.60 per box**

A Unit Rates with Decimals

1. \$4.50 for 3 notebooks

Unit rate: _____

2. \$7.20 for 6 pencils

Unit rate: _____

3. \$9.75 for 5 pounds of apples

Unit rate: _____

4. 130 miles on 4 gallons of gas

Unit rate: _____

5. 21 meters in 6 seconds

Unit rate: _____

6. \$15 for 4 movie snacks

Unit rate: _____

B Word Problems

7. A runner goes 9 miles in 72 minutes. How many minutes does it take her to run 1 mile?

Answer: _____

8. A recipe uses 6 cups of flour for 4 loaves. How much flour for 1 loaf?

Answer: _____

★ Safari Challenge

A car uses 3 gallons of gas to go 87 miles. How far can it go on 10 gallons at the same rate?

Answer Key: Unit Rates and Unit Prices

Find each unit rate. Some answers are decimals. Show the division.

Example: \$6.40 for 4 juice boxes. $6.40 \div 4 = 1.60 \rightarrow$ **\$1.60 per box**

A Unit Rates with Decimals

1. \$4.50 for 3 notebooks

Unit rate: **\$1.50 per notebook**

2. \$7.20 for 6 pencils

Unit rate: **\$1.20 per pencil**

3. \$9.75 for 5 pounds of apples

Unit rate: **\$1.95 per pound**

4. 130 miles on 4 gallons of gas

Unit rate: **32.5 miles per gallon**

5. 21 meters in 6 seconds

Unit rate: **3.5 meters per second**

6. \$15 for 4 movie snacks

Unit rate: **\$3.75 per snack**

B Word Problems

7. A runner goes 9 miles in 72 minutes. How many minutes does it take her to run 1 mile?

Answer: **8 minutes per mile**

8. A recipe uses 6 cups of flour for 4 loaves. How much flour for 1 loaf?

Answer: **1.5 cups per loaf**

★ Safari Challenge

A car uses 3 gallons of gas to go 87 miles. How far can it go on 10 gallons at the same rate?

$87 \div 3 = 29$ miles per gallon; $29 \times 10 = 290$ miles