

Unit 3: Unit Rates and Percentages

CONCEPT

Name: _____ Date: _____

Solve each problem and write your answer on the line. Show your work when it helps.

1. A recipe uses 6 cups of flour to make 3 loaves of bread. How many cups of flour are used per loaf?

Answer: _____

2. A car travels 120 miles in 2 hours at a constant speed. How many miles does it travel per hour?

Answer: _____

3. A store sells 4 apples for \$2. What is the cost of 1 apple, in dollars?

Answer: _____

4. Write 25% as a fraction in the form $\frac{1}{4}$? Give the fraction that equals 25%.

Answer: _____

5. What is 10% of 80?

Answer: _____

6. A pack of 5 pencils costs \$1.00. How much does 1 pencil cost, in dollars?

Answer: _____

7. A printer prints 90 pages in 3 minutes at a constant rate. How many pages does it print per minute?

Answer: _____

8. What is 50% of 40?

Answer: _____

9. There are 8 girls and 4 boys in a class. What is the ratio of boys to girls, in simplest form? Write it like 1:2.

Answer: _____

10. A hose fills 15 liters of water in 5 minutes at a constant rate. How many liters does it fill per minute?

Answer: _____

11. Write 50% as a decimal.

Answer: _____

12. What is 20% of 50?

Answer: _____