

Unit 9: Putting It All Together

CONCEPT

Name: _____ Date: _____

Solve each problem and write your answer in simplest form.

1. A recipe uses 3 cups of flour for every 2 cups of sugar. How many cups of flour are needed for 6 cups of sugar?

Answer: _____

3. A car travels at a constant speed of 50 miles per hour. How far does it travel in 3 hours?

Answer: _____

5. Compute: -6×4

Answer: _____

7. Solve for x : $x + 7 = 12$

Answer: _____

9. The ratio of boys to girls in a class is 2:3. If there are 8 boys, how many girls are there?

Answer: _____

11. Compute: $-15 \div 3$

Answer: _____

2. If 4 pencils cost \$2, what is the cost of 1 pencil in dollars?

Answer: _____

4. Compute: $-8 + 5$

Answer: _____

6. Compute: $\frac{2}{3} + \frac{1}{6}$. Give your answer as a fraction in simplest form.

Answer: _____

8. Solve for x : $3x = 21$

Answer: _____

10. A shirt that costs \$20 is marked up so its price increases by 10%. What is the amount of the increase in dollars?

Answer: _____

12. Solve for x : $x/4 = 5$

Answer: _____