

Unit 9: Putting It All Together

PRACTICE

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. Write the ratio of flour to sugar in simplest form.

Answer: _____

3. At a store, 5 pounds of apples cost \$10. What is the unit price in dollars per pound?

Answer: _____

5. Simplify the expression: $6a + 3a - 2a$.

Answer: _____

7. Compute: $-8 + 5$.

Answer: _____

9. Compute: $(-4) \times (-7)$.

Answer: _____

11. Order the following from least to greatest: -3, 2, -5, 0. Write the least value.

Answer: _____

2. A car travels 150 miles in 3 hours at a constant speed. What is its speed in miles per hour?

Answer: _____

4. Evaluate the expression $4x + 7$ when $x = 5$.

Answer: _____

6. Evaluate $3^2 + 4 \times 2$.

Answer: _____

8. Compute: $-6 - (-9)$.

Answer: _____

10. It takes 12 minutes to fill 4 buckets at a constant rate. At this rate, how many minutes does it take to fill 10 buckets?

Answer: _____

12. Evaluate the expression $2(n + 3)$ when $n = 4$.

Answer: _____