

Unit 8: Putting It All Together

PRACTICE

Name: _____ Date: _____

Solve each problem and write your answer on the line. Show your work on scratch paper.

1. Add: $\frac{3}{4} + \frac{1}{6}$. Give your answer as a fraction in simplest form.

Answer: _____

2. Subtract: $\frac{5}{6} - \frac{3}{8}$. Give your answer as a fraction in simplest form.

Answer: _____

3. Multiply: $\frac{2}{3} \times \frac{4}{5}$. Give your answer as a fraction in simplest form.

Answer: _____

4. Divide: $\frac{1}{4} \div 3$. Give your answer as a fraction in simplest form.

Answer: _____

5. Add the decimals: $4.72 + 3.9$

Answer: _____

6. Subtract the decimals: $10.5 - 6.28$

Answer: _____

7. Multiply the decimals: 0.6×0.4

Answer: _____

8. Divide: $7.2 \div 0.9$

Answer: _____

9. A rectangular prism is 5 cm long, 3 cm wide, and 4 cm tall. What is its volume in cubic centimeters?

Answer: _____

10. A rectangular box has a volume of 72 cubic inches. Its base area is 12 square inches. What is its height in inches?

Answer: _____

11. Start at the point (2, 3) on the coordinate grid. Move 4 units right and 5 units down. What are the coordinates of the new point? Write as (x, y).

Answer: _____

12. On the coordinate grid, point A is at (7, 1) and point B is at (7, 8). How many units apart are the two points?

Answer: _____