

Unit 8: Putting It All Together

ADVANCED

Name: _____ Date: _____

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

1. A rectangular garden is 8 m long and 5 m wide. Priya walks around its edge (the perimeter) 3 times. How many meters does she walk in total?

Answer: _____

3. Compute: $7 \times 6 + 48 \div 6$. (Do multiplication and division before adding.)

Answer: _____

5. What fraction is exactly halfway between $\frac{1}{4}$ and $\frac{3}{4}$? Give your answer as a fraction.

Answer: _____

7. A rectangle has a perimeter of 30 cm. Its length is 9 cm. What is its width, in cm?

Answer: _____

9. Order these three fractions from least to greatest and write the largest one: $\frac{2}{3}$, $\frac{5}{6}$, $\frac{1}{2}$. Give your answer as a fraction.

Answer: _____

2. A baker made 96 muffins and packed them equally into 8 boxes. She then sold 5 full boxes. How many muffins were sold?

Answer: _____

4. A square has a perimeter of 36 cm. A second square has sides that are 2 cm longer than the first square's sides. What is the perimeter of the second square, in cm?

Answer: _____

6. Liam has 63 stickers. He gives $\frac{3}{9}$ of them to his sister and keeps the rest. How many stickers does he keep?

Answer: _____

8. There are 4 shelves with 9 books each, and 3 shelves with 7 books each. How many books are there in total?

Answer: _____

10. A farmer collects 8 eggs each day. After some days he has 72 eggs, which he packs into cartons of 6. How many full cartons does he fill?

Answer: _____

11. A rectangular field is 12 m long and 7 m wide. What is the difference between its perimeter (in m) and the number you get from adding its length and width?

Answer: _____

12. A pizza is cut into 8 equal slices. Maya eats 3 slices and her brother eats 2 slices. What fraction of the whole pizza is left? Give your answer as a fraction.

Answer: _____