

Unit 8: Putting It All Together

ADVANCED · SET 2

Name: _____ Date: _____

Show your work where needed. Write each answer as a single number or fraction in lowest terms.

1. A rectangular garden is 14 feet long and 9 feet wide. What is its perimeter in feet?

Answer: _____

3. There are 8 shelves with 24 books on each shelf. If 37 books are removed, how many books are left in total?

Answer: _____

5. A square has a perimeter of 52 cm. What is the length of one side in cm?

Answer: _____

7. A ribbon $\frac{7}{8}$ of a meter long has $\frac{3}{8}$ of a meter cut off. What length remains? Write as a fraction of a meter in lowest terms.

Answer: _____

9. A farmer collected 245 eggs. He sold 8 cartons of 12 eggs each. How many eggs are left?

Answer: _____

2. A baker made 156 muffins and packed them equally into 6 boxes. How many muffins are in each box?

Answer: _____

4. What is $\frac{3}{4} + \frac{5}{8}$? Write the answer as an improper fraction in lowest terms.

Answer: _____

6. Maria has 4 bags with 9 marbles each and 3 bags with 12 marbles each. How many marbles does she have in all?

Answer: _____

8. A rectangle has a perimeter of 40 cm. If its length is 12 cm, what is its width in cm?

Answer: _____

10. There are 63 students split equally into 7 teams. Then 2 more students join each team. How many students are on each team now?

Answer: _____

11. A pizza is cut into 12 equal slices. Sam eats $\frac{1}{3}$ of the pizza and Lee eats $\frac{1}{4}$ of the pizza. How many slices are left?

Answer: _____

12. Three identical rectangular tiles are placed side by side in a row to form one big rectangle. Each tile is 5 inches wide and 8 inches tall. What is the perimeter of the big rectangle in inches?

Answer: _____