



# Long Division with Multi-Digit Divisors

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade: Grade 5

## Part A: Multiple Choice

Circle the best answer for each question.

1. A school orders 12 boxes of 24 markers, then divides them equally among 16 classrooms. How many markers does each classroom get?

- A) 16 markers
- B) 18 markers
- C) 20 markers
- D) 24 markers

2. Maria saved \$245 in March and \$355 in April. She splits the total equally across 15 weeks. How much does she spend per week?

- A) \$30
- B) \$35
- C) \$40
- D) \$45

3. A factory makes 18 toys per hour for 45 hours, then ships them in crates of 27. How many crates are needed?

- A) 28 crates
- B) 30 crates
- C) 32 crates
- D) 35 crates

4. A cafeteria has 320 muffins and bakes 160 more, then divides them equally onto 24 trays. About how many muffins per tray?

- A) 15 muffins
- B) 18 muffins
- C) 20 muffins
- D) 24 muffins

## Part B: Fill in the Blank

Write the correct answer on each line.

1. If 12 boxes hold 24 markers each, the total of 288 markers split among 16 rooms gives \_\_\_\_\_ per room.
2. If Maria saves  $\$245 + \$355 = \$600$  and divides it across 15 weeks, she spends \$ \_\_\_\_\_ per week.
3. Making 18 toys for 45 hours produces 810 toys; packed in crates of 27, the factory needs \_\_\_\_\_ crates.
4. If  $320 + 160 = 480$  muffins are split onto 24 trays, each tray holds \_\_\_\_\_ muffins.
5. Combining division with another operation is called a \_\_\_\_\_-step problem in Grade 5 math.

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**Part B: Fill in the Blank**

Write the correct answer on each line.

1. If 12 boxes hold 24 markers each, the total of 288 markers split among 16 rooms gives 18 per room.
2. If Maria saves  $\$245 + \$355 = \$600$  and divides it across 15 weeks, she spends \$ 40 per week.
3. Making 18 toys for 45 hours produces 810 toys; packed in crates of 27, the factory needs 30 crates.
4. If  $320 + 160 = 480$  muffins are split onto 24 trays, each tray holds 20 muffins.
5. Combining division with another operation is called a multi-step problem in Grade 5 math.