



# Multi-Digit Multiplication

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

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

Grade: Grade 5

## Part A: Multiple Choice

Circle the best answer for each question.

1. A school orders 156 boxes of pencils with 24 pencils in each box. How many pencils total?

- A) 3,744 pencils
- B) 3,644 pencils
- C) 4,344 pencils
- D) 2,844 pencils

2. Which estimate best checks the product 156 times 24?

- A) 200 times 25 equals 5,000
- B) 100 times 20 equals 2,000
- C) 150 times 20 equals 3,000
- D) 300 times 30 equals 9,000

3. What is the product of 1,245 and 32?

- A) 39,840
- B) 37,840
- C) 39,440
- D) 38,440

4. A theater has 48 rows with 125 seats per row. How many seats in all?

- A) 6,000 seats
- B) 5,800 seats
- C) 6,250 seats
- D) 5,000 seats

## Part B: Fill in the Blank

Write the correct answer on each line.

1. A factory produces 245 toys per day for 36 days. The total number of toys is \_\_\_\_\_.
2. An estimate for 487 times 52 by rounding to 500 times 50 gives \_\_\_\_\_.
3. The product 2,134 times 27 equals \_\_\_\_\_.
4. If a library has 38 shelves with 156 books each, the total is \_\_\_\_\_.
5. The product of 1,876 and 45 is \_\_\_\_\_.

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**Part B: Fill in the Blank**

Write the correct answer on each line.

1. A factory produces 245 toys per day for 36 days. The total number of toys is 8820 .
2. An estimate for 487 times 52 by rounding to 500 times 50 gives 25000 .
3. The product 2,134 times 27 equals 57618 .
4. If a library has 38 shelves with 156 books each, the total is 5928 .
5. The product of 1,876 and 45 is 84420 .