



# Multi-Digit Multiplication

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

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

Grade: Grade 4

## Part A: Multiple Choice

Circle the best answer for each question.

1. A train travels 1,245 miles each trip. How many miles does it travel in 6 trips?

- A) 7,270
- B) 7,370
- C) 7,470
- D) 7,570

2. Which is the best estimate for  $86 \times 47$ ?

- A) 3,600
- B) 4,000
- C) 4,500
- D) 5,400

3. A stadium has 64 sections with 78 seats in each section. How many seats are in the stadium?

- A) 4,892
- B) 4,942
- C) 4,992
- D) 5,042

4. In the area model for  $57 \times 36$ , which four partial products are added together?

- A)  $50 \times 30$ ,  $50 \times 6$ ,  $7 \times 30$ ,  $7 \times 6$
- B)  $57 \times 3$ ,  $57 \times 6$ ,  $57 \times 30$ ,  $57 \times 36$
- C)  $50 \times 36$ ,  $7 \times 36$ ,  $50 \times 6$ ,  $7 \times 6$
- D)  $57 \times 30$ ,  $57 \times 6$ ,  $50 \times 7$ ,  $30 \times 6$

## Part B: Fill in the Blank

Write the correct answer on each line.

1.  $4,126 \times 7 =$  \_\_\_\_\_

2.  $83 \times 54 =$  \_\_\_\_\_

3. A warehouse stores 2,185 items on each of 8 shelves. The warehouse holds \_\_\_\_\_ items.

4. Estimate  $4,389 \times 5$  by rounding:  $4,400 \times 5 =$  \_\_\_\_\_

5.  $76 \times 89 =$  \_\_\_\_\_

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4. In the area model for  $57 \times 36$ , which four partial products are added together?

- A)  $50 \times 30$ ,  $50 \times 6$ ,  $7 \times 30$ ,  $7 \times 6$
- B)  $57 \times 3$ ,  $57 \times 6$ ,  $57 \times 30$ ,  $57 \times 36$
- C)  $50 \times 36$ ,  $7 \times 36$ ,  $50 \times 6$ ,  $7 \times 6$
- D)  $57 \times 30$ ,  $57 \times 6$ ,  $50 \times 7$ ,  $30 \times 6$

### Part B: Fill in the Blank

Write the correct answer on each line.

1.  $4,126 \times 7 = \underline{28,882}$

2.  $83 \times 54 = \underline{4,482}$

3. A warehouse stores 2,185 items on each of 8 shelves. The warehouse holds 17,480 items.

4. Estimate  $4,389 \times 5$  by rounding:  $4,400 \times 5 = \underline{22,000}$

5.  $76 \times 89 = \underline{6,764}$