



# Multi-Digit Multiplication

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

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

Grade: Grade 4

## Part A: Multiple Choice

Circle the best answer for each question.

1. Using the area model,  $46 \times 23$  is broken into four parts:  $40 \times 20$ ,  $40 \times 3$ ,  $6 \times 20$ , and  $6 \times 3$ . What is the sum of all four parts?

- A) 1,038
- B) 1,048
- C) 1,058
- D) 1,068

2. A delivery service makes 1,375 deliveries each week. How many deliveries does it make in 4 weeks?

- A) 5,400
- B) 5,500
- C) 5,600
- D) 5,700

3. Which pair of partial products correctly solves  $58 \times 34$ ?

- A)  $58 \times 4 = 232$  and  $58 \times 3 = 174$
- B)  $58 \times 4 = 232$  and  $58 \times 30 = 1,740$
- C)  $58 \times 4 = 222$  and  $58 \times 30 = 1,740$
- D)  $58 \times 34 = 1,962$  and  $58 \times 0 = 0$

4. A concert hall has 38 rows of 52 seats. How many seats are in the hall?

- A) 1,876
- B) 1,926
- C) 1,976
- D) 2,026

## Part B: Fill in the Blank

Write the correct answer on each line.

1.  $1,862 \times 4 =$  \_\_\_\_\_

2.  $79 \times 63 =$  \_\_\_\_\_

3. An orchard has 45 rows with 37 trees in each row. The orchard has \_\_\_\_\_ trees.

4. Using partial products,  $96 \times 15 = 96 \times 5 + 96 \times 10 = 480 + 960 =$  \_\_\_\_\_

5.  $2,507 \times 3 =$  \_\_\_\_\_

**Part A: Multiple Choice**

Circle the best answer for each question.

1. Using the area model,  $46 \times 23$  is broken into four parts:  $40 \times 20$ ,  $40 \times 3$ ,  $6 \times 20$ , and  $6 \times 3$ .

What is the sum of all four parts?

- A) 1,038
- B) 1,048
- C) 1,058
- D) 1,068

2. A delivery service makes 1,375 deliveries each week. How many deliveries does it make in 4 weeks?

- A) 5,400
- B) 5,500
- C) 5,600
- D) 5,700

3. Which pair of partial products correctly solves  $58 \times 34$ ?

- A)  $58 \times 4 = 232$  and  $58 \times 3 = 174$
- B)  $58 \times 4 = 232$  and  $58 \times 30 = 1,740$
- C)  $58 \times 4 = 222$  and  $58 \times 30 = 1,740$
- D)  $58 \times 34 = 1,962$  and  $58 \times 0 = 0$

4. A concert hall has 38 rows of 52 seats. How many seats are in the hall?

- A) 1,876
- B) 1,926
- C) 1,976
- D) 2,026

**Part B: Fill in the Blank**

Write the correct answer on each line.

1.  $1,862 \times 4 = \underline{7,448}$

2.  $79 \times 63 = \underline{4,977}$

3. An orchard has 45 rows with 37 trees in each row. The orchard has 1,665 trees.

4. Using partial products,  $96 \times 15 = 96 \times 5 + 96 \times 10 = 480 + 960 = \underline{1,440}$

5.  $2,507 \times 3 = \underline{7,521}$