



Multi-Digit Multiplication

Name: _____

Date: _____

Grade: Grade 4

Part A: Multiple Choice

Circle the best answer for each question.

1. Using the area model, 46×23 is broken into four parts: 40×20 , 40×3 , 6×20 , and 6×3 . 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 58×34 ?

- 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. $2,507 \times 3 =$ _____

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What is the sum of all four parts?

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

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