



# Multi-Digit Multiplication

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

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

Grade: Grade 4

## Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence:

$672 \times 5 = 3,260$  because  $2 \times 5 = 10$ , carry the 1, then  $7 \times 5 = 35$  plus 1 = 36, carry the 3, then  $6 \times 5 = 30$  plus 3 = 33.

Rewrite: \_\_\_\_\_

2. Fix the sentence:

$2,143 \times 3 = 6,329$  because  $3 \times 3 = 9$ ,  $4 \times 3 = 12$ , carry the 1,  $1 \times 3 = 3$  plus 1 = 4,  $2 \times 3 = 6$ .

Rewrite: \_\_\_\_\_

3. Fix the sentence:

$509 \times 8 = 4,062$  because  $9 \times 8 = 72$ , carry the 7, then  $0 \times 8 = 0$  plus 7 = 7, then  $5 \times 8 = 40$ .

Rewrite: \_\_\_\_\_

## Part B: Fill in the Blank

Write the missing word or number on each line.

1.  $1,325 \times 4 =$  \_\_\_\_\_

2.  $847 \times 6 =$  \_\_\_\_\_

3.  $2,006 \times 3 =$  \_\_\_\_\_

4. When multiplying a number by \_\_\_\_\_, the product is always zero.

## Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why is it important to line up digits by place value when multiplying?

\_\_\_\_\_

\_\_\_\_\_

2. A school orders 1,250 pencils for each of 4 classrooms. How many pencils are ordered in total?

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$509 \times 8 = 4,062$  because  $9 \times 8 = 72$ , carry the 7, then  $0 \times 8 = 0$  plus 7 = 7, then  $5 \times 8 = 40$ .

Rewrite: \_\_\_\_\_

**Part B: Fill in the Blank**

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Write the missing word or number on each line.

1.  $1,325 \times 4 = \underline{5,300}$

2.  $847 \times 6 = \underline{5,082}$

3.  $2,006 \times 3 = \underline{6,018}$

4. When multiplying a number by 0, the product is always zero.

**Part C: Short Answer**

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Answer each question in one or two complete sentences.

1. Why is it important to line up digits by place value when multiplying?

\_\_\_\_\_  
\_\_\_\_\_

2. A school orders 1,250 pencils for each of 4 classrooms. How many pencils are ordered in total?

\_\_\_\_\_