

Name \_\_\_\_\_

Date \_\_\_\_\_

## Multiplying Multi-Digit Numbers (Word Problems)

In this worksheet, we will practice multiplying two-digit and three-digit numbers with single digit and two-digit numbers. We will be working with word problems for this worksheet.

For example,

John's yard is 12 yards wide and 8 yards long. What is the area of his yard?

$$8 \text{ (length)} \times 12 \text{ (width)} = 96$$

The area of John's yard is 96 square yards.

### Exercise Questions:

1. Susan's Garden is 15 feet wide and 12 feet long. What is the area of her garden?

\_\_\_\_\_ square feet

2. The playground is 35 yards wide and 20 yards long. What is the area of the playground?

\_\_\_\_\_ square yards

3. Marissa's poster is 36 inches wide and 48 inches long. What is the area of her poster?

\_\_\_\_\_ square inches

4. Mr. Sander's desk is 95 centimeters long and 225 centimeters wide. What is the area of his desk top?

\_\_\_\_\_ square centimeters

5. The mural in the cafeteria is 144 inches wide and 48 inches long. What is the area of the mural?

\_\_\_\_\_ square inches



## Answer Key

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For example,

John's yard is 12 yards wide and 8 yards long. What is the area of his yard?

$$8 \text{ (length)} \times 12 \text{ (width)} = 96$$

The area of John's yard is 96 square yards.

#### Exercise Questions:

1. Susan's Garden is 15 feet wide and 12 feet long. What is the area of her garden?

180 square feet

2. The playground is 35 yards wide and 20 yards long. What is the area of the playground?

700 square yards

3. Marissa's poster is 36 inches wide and 48 inches long. What is the area of her poster?

1728 square inches

4. Mr. Sander's desk is 95 centimeters long and 225 centimeters wide. What is the area of his desk top?

21,375 square centimeters

5. The mural in the cafeteria is 144 inches wide and 48 inches long. What is the area of the mural?

6912 square inches

