

Name \_\_\_\_\_

Date \_\_\_\_\_

## Multiplying Whole Numbers

In this worksheet, we will practice multiplying whole numbers in both single-step and multi-step problems.

Remember, with multiplication, we start by multiplying numbers in the ones place, then, the tens place, and so on- moving right to left.

Single-step ex:

$$\begin{array}{r} 154 \\ \times 6 \\ \hline 924 \end{array}$$

Multi-step ex:

$$12 \times 4 \times 18 = ?$$

$$\begin{array}{r} 12 \\ \times 4 \\ \hline 48 \\ \times 18 \\ \hline 864 \end{array}$$

(remember to leave a placeholder 0 during the second step, since you are multiplying  $48 \times 10$ , not  $48 \times 1$ )

### Exercise Questions:

1. Write the product:

$$29 \times 5 = \underline{\quad}$$

2. Write the product:

$$14 \times 15 = \underline{\quad}$$

3. Write the product:

$$213 \times 6 = \underline{\quad}$$

4. Write the product:

$$9 \times 25 \times 7 = \underline{\quad}$$

5. Max rakes yards in the fall. If he gets paid \$20 a yard and he rakes 12 yards, how much money will he make? \_\_\_\_\_

6. Beth's cat had 6 kittens. If each kitten grew up and had 5 kittens, how many total cats would there be? *Hint: don't forget about the first mama cat!*  
\_\_\_\_\_

7. Janice can read 3 books a week. How many can she read in 3 months? \_\_\_\_\_

8. Benjamin can write his name 6 times in 30 seconds. How many times can he write his name in 5 minutes? \_\_\_\_\_



## Answer Key

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In this worksheet, we will practice multiplying whole numbers in both single-step and multi-step problems.

Remember, with multiplication, we start by multiplying numbers in the ones place, then, the tens place, and so on- moving right to left.

Single-step ex:

$$\begin{array}{r} 154 \\ \times 6 \\ \hline 924 \end{array}$$

Multi-step ex:

$$12 \times 4 \times 18 = ?$$

$$\begin{array}{r} 12 \\ \times 4 \\ \hline 48 \\ \times 18 \\ \hline 864 \end{array}$$

(remember to leave a placeholder 0 during the second step, since you are multiplying  $48 \times 10$ , not  $48 \times 1$ )

#### Exercise Questions:

1. Write the product:

$$29 \times 5 = \underline{145}$$

2. Write the product:

$$14 \times 15 = \underline{210}$$

3. Write the product:

$$213 \times 6 = \underline{1278}$$

4. Write the product:

$$9 \times 25 \times 7 = \underline{1575}$$

5. Max rakes yards in the fall. If he gets paid \$20 a yard and he rakes 12 yards, how much money will he make? \$240

6. Beth's cat had 6 kittens. If each kitten grew up and had 5 kittens, how many total cats would there be? *Hint: don't forget about the mama cats!*  
37

7. Janice can read 3 books a week. How many can she read in 3 months? 36

8. Benjamin can write his name 6 times in 30 seconds. How many times can he write his name in 5 minutes? 60

