

Name: _____ Date: _____

Today, learned about the **ASSOCIATIVE PROPERTY OF MULTIPLICATION**.

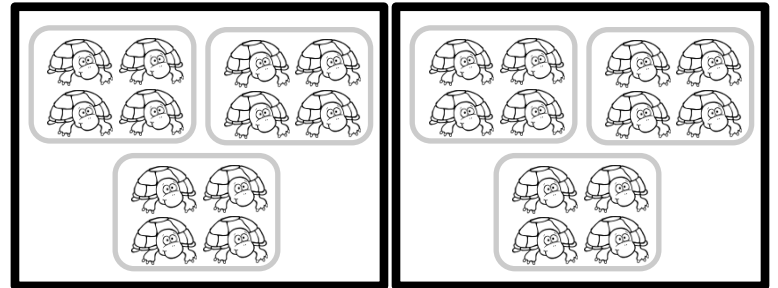
The **ASSOCIATIVE PROPERTY OF MULTIPLICATION** tells me that I can group my factors in different ways but my product will stay the same!

$$(2 \times 3) \times 4 = 24$$

$$2 \times (3 \times 4) = 24$$



2 groups of 3, 4 times = 24



3 groups of 2, 2 times = 24

Directions: Group the factors using parentheses. Then solve.

1. $2 \times 5 \times 3 =$ _____

2. $4 \times 6 \times 2 =$ _____

3. $6 \times 2 \times 3 =$ _____

4. $4 \times 8 \times 1 =$ _____

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5. $2 \times 2 \times 2 =$ _____

6. $3 \times 4 \times 5 =$ _____

7. $4 \times 3 \times 6 =$ _____

8. $6 \times 5 \times 2 =$ _____

9. $4 \times 4 \times 5 =$ _____

10. $3 \times 7 \times 2 =$ _____

Independent Practice

Date: _____

Today, I am learning about the **ASSOCIATIVE PROPERTY OF MULTIPLICATION.**

Directions: Group the factors two different ways by adding parentheses. Solve each problem.

$2 \times 3 \times 5 = \underline{\quad}$	$4 \times 3 \times 4 = \underline{\quad}$	$5 \times 4 \times 2 = \underline{\quad}$
$2 \times 3 \times 5 = \underline{\quad}$	$4 \times 3 \times 4 = \underline{\quad}$	$5 \times 4 \times 2 = \underline{\quad}$

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$2 \times 3 \times 5 = \underline{\quad}$	$4 \times 3 \times 4 = \underline{\quad}$	$5 \times 4 \times 2 = \underline{\quad}$
$2 \times 3 \times 5 = \underline{\quad}$	$4 \times 3 \times 4 = \underline{\quad}$	$5 \times 4 \times 2 = \underline{\quad}$

Guided Practice

Date: _____

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Directions: Group the factors two different ways by adding parentheses. Solve each problem.

$3 \times 4 \times 6 = \underline{\quad}$	$5 \times 2 \times 4 = \underline{\quad}$	$7 \times 3 \times 2 = \underline{\quad}$
$3 \times 4 \times 6 = \underline{\quad}$	$5 \times 2 \times 4 = \underline{\quad}$	$7 \times 3 \times 2 = \underline{\quad}$

Guided Practice

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Directions: Group the factors two different ways by adding parentheses. Solve each problem.

$3 \times 4 \times 6 = \underline{\quad}$	$5 \times 2 \times 4 = \underline{\quad}$	$7 \times 3 \times 2 = \underline{\quad}$
$3 \times 4 \times 6 = \underline{\quad}$	$5 \times 2 \times 4 = \underline{\quad}$	$7 \times 3 \times 2 = \underline{\quad}$