

Name: _____ Date: _____

Today, I learned about the **DISTRIBUTIVE PROPERTY OF MULTIPLICATION**.

The **DISTRIBUTIVE PROPERTY OF MULTIPLICATION** also tells me that I can multiply the 1-digit factor by the value in the tens and ones place, then add to solve.

5. $5 \times 46 = \underline{\quad}$

6. $6 \times 27 = \underline{\quad}$

7. $3 \times 29 = \underline{\quad}$

8. $7 \times 35 = \underline{\quad}$

9. $5 \times 76 = \underline{\quad}$

CHALLENGE

10. $3 \times 352 = \underline{\quad}$

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Today, I learned about the **DISTRIBUTIVE PROPERTY OF MULTIPLICATION**.

The **DISTRIBUTIVE PROPERTY OF MULTIPLICATION** also tells me that I can multiply the 1-digit factor by the value in the tens and ones place, then add to solve.

$$\begin{array}{ccc} & \underline{3} \times 34 = 102 & \\ & \swarrow \quad \searrow & \\ \underline{3} \times 30 = 90 & & \underline{3} \times 4 = 12 \end{array}$$

Remember:
The **VALUE** of
the digit 3 in
the number 34
is 30.

$$90 + 12 = 102$$

Directions: Solve each problem using what you learned about the Distributive Property.

1. $3 \times 26 = \underline{\quad}$

2. $5 \times 31 = \underline{\quad}$

3. $6 \times 26 = \underline{\quad}$

4. $5 \times 27 = \underline{\quad}$

Name: _____ Date: _____

Today, I learned about the **DISTRIBUTIVE PROPERTY OF MULTIPLICATION**.

The **DISTRIBUTIVE PROPERTY OF MULTIPLICATION** tells me that I can multiply the sum of 2 numbers OR I can multiply the factor by each addend to get the same product.

5. $4 \times (4 + 2) = \underline{\hspace{2cm}}$

6. $3 \times (4 + 5) = \underline{\hspace{2cm}}$

7. $3 \times (6 + 2) = \underline{\hspace{2cm}}$

8. $4 \times (2 + 3) = \underline{\hspace{2cm}}$

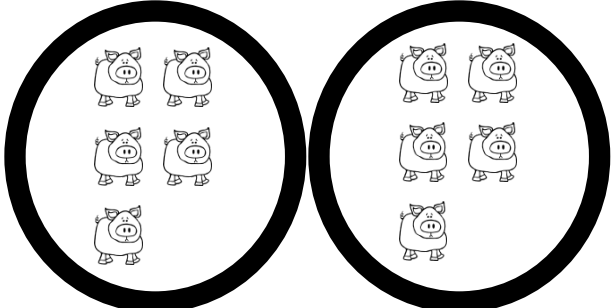
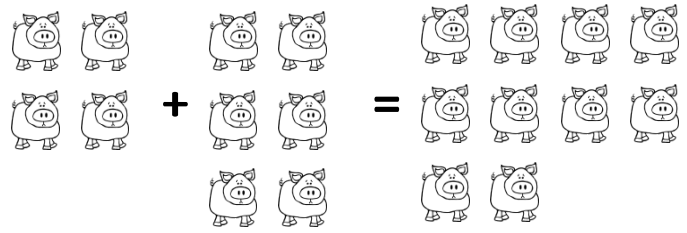
9. $5 \times (5 + 5) = \underline{\hspace{2cm}}$

10. $6 + (4 + 5) = \underline{\hspace{2cm}}$

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The **DISTRIBUTIVE PROPERTY OF MULTIPLICATION** tells me that I can multiply the sum of 2 numbers OR I can multiply the factor by each addend to get the same product.

$2 \times (2 + 3) = 10$ <p>↓ ↓</p> $2 \times 5 = 10$ 	$(2 \times 2) + (2 \times 3) = 10$ <p>↓ ↓</p> $4 + 6 = 10$ 
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I learned two strategies in class to solve these kinds of problems:

- Solve each problem by adding the addends first, then multiplying.
- Solve each problem by multiplying the factor by each addend first. Then add to solve.

Directions: Choose the strategy that works best for YOU and solve each problem using that strategy,

1. $3 \times (2 + 3) =$ _____

2. $2 \times (1 + 9) =$ _____

3. $4 \times (3 + 2) =$ _____

4. $5 \times (2 + 2) =$ _____

Independent Practice

Date: _____

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

Directions: Solve each problem by multiplying the 1-digit factor by the value in the tens and ones place. Then add to solve.

$2 \times 42 = \underline{\quad}$	$3 \times 37 = \underline{\quad}$	$4 \times 52 = \underline{\quad}$
$4 \times 36 = \underline{\quad}$	$3 \times 84 = \underline{\quad}$	$5 \times 55 = \underline{\quad}$

Independent Practice

Date: _____

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

Directions: Solve each problem by multiplying the 1-digit factor by the value in the tens and ones place. Then add to solve.

$2 \times 42 = \underline{\quad}$	$3 \times 37 = \underline{\quad}$	$4 \times 52 = \underline{\quad}$
$4 \times 36 = \underline{\quad}$	$3 \times 84 = \underline{\quad}$	$5 \times 55 = \underline{\quad}$

Guided Practice

Date: _____

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

Directions: Solve each problem by multiplying the 1-digit factor by the value in the tens and ones place. Then add to solve.

$2 \times 35 = \underline{\quad}$	$3 \times 26 = \underline{\quad}$	$4 \times 53 = \underline{\quad}$
$4 \times 32 = \underline{\quad}$	$3 \times 82 = \underline{\quad}$	$5 \times 65 = \underline{\quad}$

Guided Practice

Date: _____

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

Directions: Solve each problem by multiplying the 1-digit factor by the value in the tens and ones place. Then add to solve.

$2 \times 35 = \underline{\quad}$	$3 \times 26 = \underline{\quad}$	$4 \times 53 = \underline{\quad}$
$4 \times 32 = \underline{\quad}$	$3 \times 82 = \underline{\quad}$	$5 \times 65 = \underline{\quad}$

Independent Practice

Date: _____

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

Directions: Solve each problem by adding the addends first, then multiplying.

$4 \times (2 + 2) = \underline{\quad}$

$2 \times (5 + 4) = \underline{\quad}$

$3 \times (5 + 5) = \underline{\quad}$

Directions: Solve each problem by multiplying the factor by each addend first. Then add to solve.

$5 \times (2 + 3) = \underline{\quad}$

$6 \times (2 + 4) = \underline{\quad}$

$3 \times (4 + 3) = \underline{\quad}$

Independent Practice

Date: _____

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

Directions: Solve each problem by adding the addends first, then multiplying.

$4 \times (2 + 2) = \underline{\quad}$

$2 \times (5 + 4) = \underline{\quad}$

$3 \times (5 + 5) = \underline{\quad}$

Directions: Solve each problem by multiplying the factor by each addend first. Then add to solve.

$5 \times (2 + 3) = \underline{\quad}$

$6 \times (2 + 4) = \underline{\quad}$

$3 \times (4 + 3) = \underline{\quad}$

Guided Practice

Date: _____

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

Directions: Solve each problem by adding the addends first, then multiplying.

$3 \times (3 + 4) = \underline{\quad}$	$4 \times (5 + 1) = \underline{\quad}$	$2 \times (3 + 6) = \underline{\quad}$
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Directions: Solve each problem by multiplying the factor by each addend first. Then add to solve.

$2 \times (4 + 1) = \underline{\quad}$	$4 \times (1 + 3) = \underline{\quad}$	$6 \times (3 + 2) = \underline{\quad}$
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Guided Practice

Date: _____

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

Directions: Solve each problem by adding the addends first, then multiplying.

$3 \times (3 + 4) = \underline{\quad}$	$4 \times (5 + 1) = \underline{\quad}$	$2 \times (3 + 6) = \underline{\quad}$
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Directions: Solve each problem by multiplying the factor by each addend first. Then add to solve.

$2 \times (4 + 1) = \underline{\quad}$	$4 \times (1 + 3) = \underline{\quad}$	$6 \times (3 + 2) = \underline{\quad}$
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All the Ways

Name _____

Put a **check** next to all the number sentences that will give you the correct product. **Circle** the one you would use to help you find the answer.

7 x 4

$(6 \times 4) + (1 \times 4)$ _____

$(3 \times 4) + (4 \times 4)$ _____

$(5 \times 4) + (2 \times 4)$ _____

12 x 7

$(8 \times 7) + (5 \times 7)$ _____

$(6 \times 7) + (6 \times 7)$ _____

$(3 \times 7) + (8 \times 7)$ _____

9 x 6

$(3 \times 6) + (6 \times 6)$ _____

$(5 \times 6) + (4 \times 6)$ _____

$(8 \times 6) + (2 \times 6)$ _____

11 x 9

$(5 \times 9) + (6 \times 9)$ _____

$(10 \times 9) + (1 \times 9)$ _____

$(8 \times 9) + (3 \times 9)$ _____

8 x 5

$(5 \times 5) + (3 \times 5)$ _____

$(6 \times 5) + (4 \times 5)$ _____

$(2 \times 5) + (6 \times 5)$ _____

25 x 7

$(25 \times 3) + (25 \times 4)$ _____

$(20 \times 7) + (5 \times 7)$ _____

$(2 \times 7) + (5 \times 7)$ _____

10 x 12

$(10 \times 6) + (10 \times 6)$ _____

$(10 \times 2) + (10 \times 10)$ _____

$(10 \times 5) + (10 \times 5)$ _____

18 x 9

$(8 \times 9) + (9 \times 9)$ _____

$(10 \times 9) + (8 \times 9)$ _____

$(8 \times 9) + (8 \times 9)$ _____

16 x 8

$(10 \times 8) + (8 \times 8)$ _____

$(8 \times 8) + (8 \times 8)$ _____

$(10 \times 5) + (10 \times 5)$ _____

40 x 8

$(20 \times 8) + (20 \times 8)$ _____

$(4 \times 8) + (10 \times 8)$ _____

$(10 \times 8) + (30 \times 8)$ _____

Match It Up

Name _____

Match the expression in Column A to a number sentence in both Column B and C. Either cut and staple together or use a different color for each trio.

A

36×5
9×7
11×10
13×9
27×4
6×18
42×6
8×63

B

$(20 \times 4) + (7 \times 4)$
$(8 \times 30) + (8 \times 30) + (8 \times 3)$
$(30 \times 5) + (6 \times 5)$
$(10 \times 9) + (3 \times 9)$
$(4 \times 7) + (5 \times 7)$
$(10 \times 10) + (1 \times 10)$
$(20 \times 6) + (20 \times 6) + (2 \times 6)$
$(6 \times 9) + (6 \times 9)$

C

$28 + 35 = 63$
$150 + 30 = 180$
$120 + 120 + 12 = 252$
$100 + 10 = 110$
$80 + 28 = 108$
$54 + 54 = 108$
$240 + 240 + 24 = 504$
$90 + 27 = 117$

Story Problems

Name _____

Solve each problem below.

1. Mr. Fitz and Ms. Snell both have their classroom desks in rows of 7. Mr. Fitz has 4 rows and Ms. Snell has 3 rows. How many desks do they have altogether? Try writing a number sentence for the problem above.

2. Arcade tickets cost \$2 each. If Sam bought 14 and Tim bought 12 how much did they spend altogether? Try writing a number sentence for the problem above.

Story Problems

Name _____

Solve each problem below.

3. The Rockets scored 9 baskets worth 3 points each. The Buckaroos scored 8 baskets worth 3 points each. How many points did they score altogether? Try writing a number sentence for the problem above.

4. Hoodies cost \$15 at the mall. If Kim buys 4 and Lon buys 3, how much money did they spend altogether? Try writing a number sentence for the problem above.