



Name _____ Class _____ Date _____

1 The **Distributive Property** states that multiplying the sum of two addends by a number is the same as multiplying each addend by the number and then adding the products. An example is _____.

A $4 \times (10 + 6) = 64$
B $4 \times (10 + 6) = (4 \times 10) + (4 \times 6)$
C $10 \times (6 + 4) = 4 \times (6 + 10)$
D $10 \times (6 + 4) = 240$

2 Another way to calculate $5 \times (4 + 8)$ is _____.

A $(4 + 8) \times 5$
B $(5 + 4) \times (5 + 8)$
C $(5 \times 4) + (5 \times 8)$
D $5 \times (4 + 8) = 60$

3 The equation:
 $9 \times (11 + 35) = (9 \times 11) + (9 \times 35)$

4 Another way to calculate $15 \times (53 + 29)$ is _____.



PREVIEW

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7 **A** 750
B $(10 \times 23) + (10 \times 56)$
C 779
D $(10 \times 32) + (10 \times 65)$

A $(52 \times 45) + (52 \times 90)$
B $52 \times (45 + 90) = 6000$
C $(52 + 45) \times (52 + 90)$
D $(52 + 45) \times 90$

9 Another way to calculate $(35 + 45) \times 12$ is _____.

A $12 \times (45 \times 35)$
B $(35 + 12) \times (45 + 12)$
C $12 \times 35 \times 45$
D $(35 \times 12) + (45 \times 12)$

10 The following equation is an example of the **Distributive Property**:
 $(3 + 9) \times 10 = 270$

A true
B false

True or false?



Distributive Property

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$$(5 \times 4) + (5 \times 8)$$

3 The equation:

$$9 \times (11 + 35) = (9 \times 11) + (9 \times 35)$$

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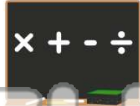


PREVIEW

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- A 750
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- C $(52 + 45) \times (52 + 90)$
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9 Another way to calculate $(35 + 45) \times 12$ is _____.

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- B $(35 + 12) \times (45 + 12)$
- C $12 \times 35 \times 45$
- D $(35 \times 12) + (45 \times 12)$



10 The following equation is an example of the **Distributive Property**:

$$(3 + 9) \times 10 = 270$$

- A true
- B false

True or false?

