

WARM UP

1) $45.1 \times 12.3 =$

2) $16 - 3.24 =$

3) $26.4 \times 0.67 =$

MATH COURSE I

Associative
Property

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VOCABULARY

Associative Property: (associate: to connect or combine) for three or more numbers, their sum or product are the same regardless of their grouping

REMEMBER

- Associative is for ONLY **addition** and **multiplication!**

Associative Property

****Grouping doesn't matter for sum or product**

$$(a \times b) \times c = a \times (b \times c)$$

$$(17 + 1) + 9 = 17 + (1 + 9)$$

$$18 + 9 = 17 + 10$$

$$27 = 27$$

****HINTS****

*Numbers do not have to move... (only parenthesis do)

*Use when there are 3 or more numbers

Associative Property Practice

$$(x * 4) * 5 = x (4 * 5)$$
$$x = 3$$

$$(12 + 4) + 5 =$$

$$(12 \times 2) \times 4 =$$

$$(16 + 8) + 4 =$$

$$3(6 \times 2) =$$

$$(y + 9) + 3 =$$

$$y = 4$$

Associative Property

Page 14 numbers 9-15, rewrite using associative property.

What grouping is easier to solve for each?