

you need out your warm up & agenda

Homework: Properties Color

PE MD AS

Warm Up: Use order of operations to solve:

$$1) \quad 3^2 - (7 - (-5))$$

$$3^2 - (7 + 5)$$

$$9 - 12$$

$$= -3$$

$$3) \quad x - 4 = 5$$

$$\begin{array}{r} +4 \quad +4 \\ \hline x = 9 \end{array}$$

$$2) \quad 1 + (2^2 \div 4) \times 2^3$$

$$1 + (4 \div 4) \times 2^3$$

$$1 + 1 \times 2^3$$

$$1 + 1 \times 8$$

$$1 + 8 = 9$$

$$2 \times 2 \times 2$$

$$4$$

$$8$$

Commutative Property

Numbers may be added or multiplied together in any order, and the answer will always be the same.

$$3+5=8$$

$$5+3=8$$

$$3 \cdot 2 = 6$$

$$2 \cdot 3 = 6$$

Associative Property

No matter how numbers are grouped, their Sum or product will always be the same.

$(2+3)+4$ $5+4=9$	$2+(3+4)$ $2+7=9$	$(2 \cdot 3) \cdot 4$ $6 \cdot 4$ $24$	$2 \cdot (3 \cdot 4)$ $2 \cdot 12$ $24$
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Identity Property of Addition

Any number plus 0 is that same number.

$$7 + 0 = 7$$

$$1.25 + 0 = 1.25$$

$$0 + 7 = 7$$

$$0 + 1.25 = 1.25$$

Identity Property of Multiplication

Any number times 1 is that same number

$$7 \times 1 = 7$$

$$1 \times 7 = 7$$

$$2.8 \times 1 = 2.8$$

$$1 \times 2.8 = 2.8$$

Multiplicative Property of Zero (Zero Property)

Any number times 0 is 0 (duh!)

$$7 \times 0 = 0$$

$$1.92536874 \cdot 0 = 0$$

Properties sort

Properties coloring sheet-

Homework is to FINISH!

$$2(y + 2) = 2y + 2 \cdot 2$$

distributive



Sit Silently For The News