

Alg 1 1.3
Recognize the properties of equality and identity.
Recognize the associative property

Reflexive
Symmetric
Transitive
Substitution
Additive identity
Additive identity

Multiplicative identity
Multiplicative inverse

Commutative property
Associative property

Whiteboards
Practice set

ICE: Practice set due at end of class today.

$$2(3 + -2) + 1 \cdot 5(3 - 3)$$

$$2 \cdot 1 + 1 \cdot 5(0)$$

$$\begin{array}{ccc} 2 & + & 0 \\ & & 2 \end{array}$$

Subs.
 \times ident \times prop of \cdot
 $+ \text{ ident}$

$$3 [4 + (6 \cdot 2)]$$

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$$\begin{array}{l} 3 \cdot [4 + 12] \\ 3 \cdot 16 = 48 \end{array}$$