

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

Matching

Matching activ

Practice set due at end of class today.

Gema

$$3 \cdot 1 + (5 + -5) + 4 \cdot 5$$

$$3 \cdot 1 + 0 + 4 \cdot 5$$

$$3 + 0 + 20$$

$$3 + 20$$

$$23$$

+ inverse

mult ident, subs

add ident

subs

4 \rightarrow p+s

$$\begin{aligned} 2 - 5(3 + -3) + 6 \cdot (5 \cdot 1) & \quad + \text{inv.} \times \text{idemt} \\ 2 - 5 \cdot 0 + 6 \cdot 5 & \quad \times \text{prop of 0} \\ 2 + 0 + 30 & \quad + \text{idemt} \\ \textcircled{32} & \quad \text{subs} \end{aligned}$$