

## 2.2 Adding #'s

### Properties of Addition

Commutative Property - Switch around  
 ex.  $-7+5 = 5+(-7)$  }  $a+b = b+a$

Associative Property - Grouping  
 ex.  $(3+5)-7 = 3+(5-7)$   
 $(a+b)+c = a+(b+c)$

Identity Property - Stay same, zero<sup>+</sup>  
 ex.  $-6+0 = -6$  }  $a+0 = a$

Inverse Property - Add to 0  
 (# & its opposite)  
 ex.  $4+(-4) = 0$  }  $a+(-a) = 0$