



- $\text{A} \times \text{B} = \text{B} \times \text{A}$  (Commutative Property)  
 $\text{A} + \text{B} = \text{B} + \text{A}$  (Commutative Property)

- $(\text{A} + \text{B}) + \text{C} = \text{A} + (\text{B} + \text{C})$  (Associative Property)  
 $(\text{A} \times \text{B}) \times \text{C} = \text{A} \times (\text{B} \times \text{C})$  (Associative Property)

- $\text{A} + 0 = \text{A}$  (Additive Identity)  
 $\text{A} \times 1 = \text{A}$  (Multiplicative Identity)

- $\text{A} + (-\text{A}) = 0$  (Additive Inverse)  
 $\text{A} \times \frac{1}{\text{A}} = 1$  (Multiplicative Inverse)