

# Order of Operations

GROUPING  $\{ \}$   $[ ]$   $( )$   
Braces, Brackets, Parentheses

$\sqrt{\quad}$  EXPONENTS  $x^2$   
& Square Roots

$\times$  MULTIPLICATION  $\cdot$   
& DIVISION from L to R  $\div$

$+$  ADDITION  $+$   
Subtraction from L to R  $-$

$$3[4 + (27 \div 3)]^2$$

$$3[4 + 9]^2$$

$$3(13)^2$$

$$3(169)$$



## BUCKS PROBLEM SOLVING METHOD

**B**

Box the question

**U**

Underline the facts

**C**

Circle the vocabulary and key words

**K**

~~Knock out the unnecessary information~~

**S**

State the strategy, operation, and solve

## • Adding Integers

1) same signs

2) add numbers

3) Keep the sign  
the same

1) different signs

2) subtract the numbers

3) use the sign of the  
larger number

## Multiplying/Dividing Integers

1) same signs

2) different signs

POSITIVE

NEGATIVE