

## Unit 1: Arithmetic

### **I. Fill in the gaps with the appropriate word from the list below.**

A mathematical expression is any combination of numbers and operations: additions, subtractions, multiplications, and divisions. To evaluate an expression, you find its \_\_\_\_\_. To avoid confusion, mathematicians created the \_\_\_\_\_ to tell us how to find the value of an expression that contains more than one operation.

#### **Order of Operations**

**1st.** Do all operations within grouping symbols first, grouping symbols are \_\_\_\_\_: ( ), and \_\_\_\_\_: [ ].

**2nd.** Next, do all \_\_\_\_\_ and \_\_\_\_\_ from left to right.

**3rd.** Then, do all \_\_\_\_\_ and \_\_\_\_\_ from left to right.

*additions  
divisions  
numerical value*

*order of operations  
parentheses  
subtractions*

*multiplications  
brackets*

### **. Which word or expression goes with which symbol?**



subtraction  
multiplication  
is /are  
will be  
gives  
addition  
more than  
product of  
out of  
difference

equals  
division  
minus  
decreased by  
less  
sum  
was /were  
less than  
ratio of

increased by  
combined together  
quotient of  
multiplied  
divide by  
fewer than  
total of  
times  
added to

+	-	×	:	=