Substitution - Including Use of Brackets as Grouping Symbols

BODMAS / PEMDAS Working Out

BODMAS and PEMDAS

There is a set order we must do Math Ops in:

Brackets	( )		**P**arenthesis
Other Things	$\sqrt{}$ X^2		**E**xponents
Division	/ or $\div$		**M**ultiplication
Multiplication	X or $\cdot$		**D**ivision
Addition	+		**A**ddition
Subtraction	−		**S**ubtraction

The working out of answers after substituting in number values needs to follow BODMAS / PEMDAS order of operations.

Algebra Integers Substitution

Multiplying Integers Rules

Positive X Positive = Positive Answer

Negative X Negative = Positive Answer

Positive X Negative = Negative Answer

Negative X Positive = Negative Answer

Here is a quick review of the Integers Operations Rules that are needed for positive and negative numbers.

Dividing Integers Rules

Positive + Positive = Positive Answer

Negative + Negative = Positive Answer

Positive + Negative = Negative Answer

Negative + Positive = Negative Answer