

P E M D A S
Parenthesis, Exponents, Multiply, Divide, Add, Subtract

<p><u>FRACTIONS</u> <i>Addition/Subtraction</i></p>	<p><u>FRACTIONS</u> <i>Multiplication</i></p>
<ol style="list-style-type: none"> 1. Common Denominator (multiple denominators) 2. Cross Multiply 3. Add or Subtract 4. Reduce 	<ol style="list-style-type: none"> 1. Multiply Numerators then Denominators 2. Reduce
<p><u>FRACTIONS</u> <i>Division</i></p>	<p><u>REDUCING FRACTIONS</u> reduce both numbers <u>top-numerator</u> <u>bottom-denominator</u></p>
<ol style="list-style-type: none"> 1. Flip 2nd Fraction 2. Multiply Numerators then Denominators 3. Reduce 	<ol style="list-style-type: none"> I. 7→both can be divided by 7 II. 6→both can be divided by 2 & 3 III. 5→both can end with either 0 or 5 IV. 4→can both of the last two numbers be divided by 4? V. 3→add numbers of each, can total be divided by 3? VI. 2→both are even <p style="text-align: center;">Each time you get a new fraction repeat steps I-VI until all answers are NO.</p>

<p><u>+ - Numbers</u> <i>Adding/Subtracting</i></p>	<p><u>+ - Numbers</u> <i>Multiplying/Dividing</i></p>
<ol style="list-style-type: none"> 1. Is the number farther from 0 <u>positive</u> or <u>negative</u>? 2.*If the signs are <u>different</u>-subtract *If the signs are <u>same</u>-add 	$+ (+) = + \quad + (-) = - \quad - (+) = - \quad - (-) = +$ $\frac{+}{+} = + \quad \frac{+}{-} = - \quad \frac{-}{-} = - \quad \frac{-}{+} = +$