## Order of Operations

| $\mathbf{P}$ | $\mathbf{E}$ | $\mathbf{M}$ | $\mathbf{D}$ | $\mathbf{A}$ | $\mathbf{S}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Please | Excuse | My | Dear | Aunt | Sally |
| Parentheses | Exponents | Multiplication \& Division | Addition \& Subtraction |  |  |
| First, do |  |  |  |  |  |
| whatever is |  |  |  |  |  |
| in |  |  |  |  |  |
| parentheses |  |  |  |  |  | | Second, |
| :---: |
| evaluate all |
| terms with |
| exponents | | Third, do all multiplication |
| :---: |
| and division in order from |
| left to right - do not |
| necessarily multiply first, |
| then divide |$\quad$| Last, do all addition and <br> subtraction in order from <br> left to right- do not <br> necessarily add first, <br> then subtract |
| :---: |

