## Order of Operations <br> PEMDAS

(Please Excuse My Dear Aunt Sally)
. $\mathrm{P}_{\text {lease }}$
. $\mathrm{M}_{\mathrm{y}}\left\{\begin{array}{l}\text {. } \mathrm{E}_{\mathrm{xcuse}} \\ { }_{\text {Multipication and division are }}\end{array}\right.$
on
Parentheses
$\left\{\begin{array}{l}\text { Exponents } \\ \text { Multiplication }\end{array}\right.$ left to right. This is because

are done in the order they appear,
 because

1. Simplify any expression in Parentheses (qribrackets). $6^{2}+(18-3) \div 5$
(2) $-56^{2}+15 \div 5(2)-5$

2. Simplify expressions with Exponents.

$$
\frac{6^{2}+15 \div 5(2)-5}{2 \cdot 7-9 \div 3+2}
$$

$\rightarrow$
$2 \cdot 7-9 \div 3+2$
3. Carry out Multiplication or Division from left to right. $\quad 36+20 \div 5$
(2) $-536+4(2)-536+8-5$

4. Simplify Addition or Subtraction from left to right.

5. Simplify fractions as needed. $\rightarrow$

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- $=3$ THE END!

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