

# Order of Operations

9-7-17

• a specific order we must follow to simplify expressions.

Examples:

$$\begin{aligned} 1. & 17 - 5^2 \div (2+3) \\ & 17 - 5^2 \div 5 \\ & 17 - 25 \div 5 \\ & 17 - 5 \\ & 12 \end{aligned}$$

$$\begin{aligned} 2. & 7 * 4 \div 2 - 3^2 \\ & 7 * 4 \div 2 - 9 \\ & 28 \div 2 - 9 \\ & 14 - 9 \\ & 5 \end{aligned}$$

$$\begin{aligned} 3. & 17 - 2^2 + 3 * 4 \\ & 17 - 4 + 3 * 4 \\ & 17 - 4 + 12 \\ & 13 + 12 \\ & 25 \end{aligned}$$

