

05. Order of Operations

Follow these steps to evaluate expressions.

Step 1:	G rouping Symbols $\left[\right] \left(\right) \left \right $
Step 2:	E xponents $3^2 = 3 \cdot 3$
Step 3:	M ultiplication & Division $L \rightarrow R$
Step 4:	S ubtraction & Addition $L \rightarrow R$

Example:

$$\begin{aligned} & -20 - 6 \div 3 \cdot (-1 + 4)^2 \\ & -20 - 6 \div 3 \cdot 3^2 \\ & -20 - 6 \div 3 \cdot 9 \\ & -20 - 2 \cdot 9 \\ & -20 - 18 = -38 \end{aligned}$$