

ORDER OF OPERATIONS

In math, we often solve problems that use more than one operation, like addition, subtraction, multiplication, or division. The order in which we do these steps matters. That's why mathematicians made a rule called the **Order of Operations**.

A ORDER OF OPERATIONS

Definition Order of operations

The **order of operations** is:

1. parentheses
2. multiplication and division (from left to right)
3. addition and subtraction (from left to right).

Ex: Calculate $4 + 2 \times 3$

Answer:

$$\begin{aligned} 4 + 2 \times 3 &= 4 + 6 && \text{(evaluate the multiplication } 2 \times 3) \\ &= 10 && \text{(evaluate the addition } 4 + 6) \end{aligned}$$