

## Bodmas

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BODMAS stand for

B – Brackets

O – Powers

D – Division

M – Multiplication

A – Addition

S – Subtraction

we carry out these operations in the order brackets, order (roots and powers), division, multiplications, addition, subtraction.

Example: calculate  $6 + 2 * 3$

We carry out the multiplication first:

$$6 + 2 * 3 = 6 + 6 = 12$$

Example: Calculate  $(7 + 1)^2 * 3$

We carry out the operation inside the brackets first.

$$(7 + 1)^2 * 3 = 8^2 * 3 = 64 * 3 = 192$$

Example: Calculate  $\frac{(5 + 7)}{(2 + 1)}$

$$\frac{(5 + 7)}{(2 + 1)} = \frac{12}{3} = 4$$

Example: Calculate  $5 + 1 * 2 + 4$

We carry out the multiplication first

$$5 + 1 * 2 + 4 = 5 + 2 + 4 = 11$$

Example: Calculate  $(11 - 3) \div (4 - 2)$

**Brackets first**

$$\frac{(11-3)}{(4-2)} = \frac{8}{2} = 4$$