


BIDMAS

BIDMAS is an acronym that reminds us of the order of mathematical operations.

B	1	Brackets	$()$
I	2	Indices	x^n
D M	3	Division & Multiplication	$\div \times$
A S	4	Addition & Subtraction	$+ -$

Division and multiplication have equal priority in the order of operations.

Addition and subtraction also have equal priority.

 **Example**

$$\begin{aligned} 3 + 4 \times 5^2 - (3 + 2) &= 3 + 4 \times 5^2 - 5 \\ &\xrightarrow{\text{1 Brackets}} 3 + 4 \times 25 - 5 \\ &\xrightarrow{\text{2 Indices}} 3 + 4 \times 25 - 5 \\ &\xrightarrow{\text{3 Division and multiplication}} 3 + 100 - 5 \\ &\xrightarrow{\text{4 Addition and subtraction}} 98 \end{aligned}$$