State the order in which mathematical operations should be carried out.

When multiplying


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What is the term Foundation Maths used to describe numbers written in the form $A \times 10^{n}$, where $1 \leqslant A<10$ and $n$ is a whole number?

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How do you find the lowest common multiple (LCM) of two numbers?

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Are $x, x^{2}$ and $x^{3}$ like terms?

Order of operations:
Brackets
Indices (powers)
Division
Multiplication
Addition
Subtraction

True.
When multiplying or dividing with two negative numbers, the result is always a positive number.
When multiplying or dividing with one negative number and one positive number, the result is always negative.

To find the lowest common multiple (LCM) of two numbers:

- List the multiples of the two numbers
- Look for the lowest number that appears in both lists.

No, $x, x^{2}$ and $x^{3}$ are not like terms. When simplifying expressions, different powers of $x$ should be collected together separately, e.g. $2 x$ and $5 x$ are like terms, and $x^{2}$ and $3 x^{2}$ are like terms.





What is the formula for calculating the area of a triangle?

What is the formula for calculating the volume of a prism?

The formula for calculating the volume of a prism is:
$V=$ Area of Cross-Section $\times$ Length

A frustum is the 3D shape that remains when a cone or pyramid is cut parallel to its base and the upper part of the shape is removed.

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How do you work out the total distance travelled from a velocity-time graph?

The total distance travelled is equal to the area under a velocity-time graph. So, to work out the total distance, you break down the area under the graph into shapes and calculate the sum of all their areas.



