

A burger might require a bun, a patty, 2 slices of tomato and two lettuce leaves.

This can be written as an expression, $b + p + 2t + 2L$.

Making seven burgers will require seven times that amount, so the expression becomes seven, brackets $b + p + 2t + 2L$.

That's useful as a summary but to know how many of each you will actually need, the brackets have to be removed.

Removing brackets is sometimes called expanding an expression.

To expand an expression, multiply each term inside the bracket by the number outside.

Seven times b is $7b$, seven times p is $7p$ and so on.

So the expanded expression would be seven b plus seven p plus fourteen t plus fourteen L .

Remember removing brackets means multiplying each term in the brackets by what is outside.

That's an expanded expression.