

3 | Simple Factorization

----- Factorising -----

A factorized expression is one written as the product of two or more terms (factors).

$3(x+2)$ is factorized

Factorizing is the opposite of expanding brackets.

We do factorize by the following steps: $12x^2 + 18x$

- Check of the HCF of 12 and 18. It's 6.
- Check the HCF of x^2 and x . It's x .
- Multiply both to get the common factor. It's $6x$.
- Check the relationship with the question and $6x$. Therefore, it's $6x(2x+3)$.