

Factorising is possible using a variety of methods, using either **Action** or **Interactive**, **Transformation**, **factor**.

Factorise $x^2 - 2x - 15$.

To determine the Prime Factorisation of the number 60.

Factorise $x^5 - x$.

Determine all real factors of $x^2 - 3$.

Factor 5 out of $(5x + 6)^2$.

Factorising the number 60 using the **factor** function. The result is $2^2 \cdot 3 \cdot 5$.

Factorising $x^2 - 2x - 15$ using the **factor** function. The result is $(x+3) \cdot (x-5)$.

Determining all real factors of $x^2 - 3$ using the **rFactor** function. The result is $(x+\sqrt{3}) \cdot (x-\sqrt{3})$.

Factorising $(5x+6)^2$ using the **factorOut** function with a factor of 5. The result is $5 \cdot \left(5x^2 + 12x + \frac{36}{5}\right)$.