Higher Maths
Maths.scot

Show that $(x + 3)$ is a factor of $x^3 - 3x^2 - 10x + 24$ and hence factorise
$x^3 - 3x^2 - 10x + 24$ fully. **4**

Answer:

Substitute $x = -3$, use synthetic division or use algebraic division to obtain the full factorisation
of $(x + 3)(x - 4)(x - 2)$.