# Practice questions

Show your working. Try these without looking at the answers.

1. Find the remainder when $f(x) = x^3 - 2x + 3$ is divided by $x - 2$.

2. Show that $x - 1$ is a factor of $x^3 - 4x + 3$.

3. Divide $x^3 - 4x + 3$ by $x - 1$ and factorise the result fully.