

# Checklist

## What you should know

By the end of this subtopic you should be able to:

- interpret  $a^{\frac{1}{n}}$  as  $\sqrt[n]{a}$
- use  $a^{\frac{m}{n}} = (a^m)^{\frac{1}{n}} = \left(a^{\frac{1}{n}}\right)^m$  to manipulate and simplify expressions containing rational exponents
- apply exponent rules to simplify expressions with rational exponents.

