



17 More algebra

17.1 Rearranging formulae

- Change the subject of a formula where the power or root of the subject appears.
- Change the subject of a formula where the subject appears twice.

17.2 Algebraic fractions

- Add and subtract algebraic fractions.
- Multiply and divide algebraic fractions.
- Change the subject of a formula involving fractions where all the variables are in the denominators.

17.3 Simplifying algebraic fractions

- Simplify algebraic fractions.

17.4 More algebraic fractions

- Add and subtract more complex algebraic fractions.
- Multiply and divide more complex algebraic fractions.

17.5 Proof

- Prove a result using algebra.

17.6 Surds

- Simplify expressions involving surds.
- Expand expressions involving surds.
- Rationalise the denominator of a fraction.

17.7 Solving algebraic fraction equations

- Solve equations that involve algebraic fractions.

17.8 Functions

- Use function notation.
- Find composite functions.
- Find inverse functions.