# Equations D – with Fractions

### Prior Knowledge:

To solve equations involving negatives and brackets.

**Check:**

Show me the first step you would do to solve this equation:

Extension: Dr Frost Maths Level 3+

**Prior knowledge:**

To understand which operations distribute over others.

**Check:**

Distribute the following, if they distribute:

Eg:

Multiplication distributes over addition, so

Subtraction doesn’t distribute over division so

cannot be simplified.

Questions

### Aims:

To solve equations involving fractions

### Activities:

Discussion of key ideas:

Perform the same operation on both sides (LHS, RHS)

Use inverse pairs.

Distribute when necessary.

Examples

(in two different ways)

<https://graspablemath.com/canvas>

Equations D practice.

Section B

Equations D fill in the steps

**Assessment**

Solve the equation in two different ways

Extension on worksheet