

Objective: To solve equations where a variable is in the denominator



Met

Partially
Met

Not Met

Work on the following sections:

Column 1

Column 2

Extension

Column 1	Column 2
<p>Solve the following equations:</p> $\frac{15}{x} = 3$ $\frac{21}{y} = 7$ $\frac{144}{t} = 12$ $\frac{4}{x} = 2$	<p>Solve the following equations:</p> $\frac{60}{2x} = 12$ $\frac{16}{x-3} = 2$ $\frac{80}{4x} = 10$ $\frac{9}{y-2} = 2$
<p>Solve the following equations:</p> $\frac{6}{x} = 12$ $\frac{30}{2x} = 3$ $\frac{12}{t} = 36$ $\frac{40}{2x} = 5$	<p>Solve the following equations:</p> $\frac{3x}{x-1} = 6$ $\frac{2x}{x+1} = 1.5$ $\frac{4x}{x+2} = 3$ $\frac{x+4}{x-2} = 2$
<p>Extension: A formula from science is:</p> $E = \frac{I}{R + r}$ <p>Work out the value of r when E = 2 I = 0.8 and r = 0.2</p>	