



ALGEBRAIC FRACTIONS EQUATIONS

Ref: G283. **1R1**

<p>A1 Solve</p> $\frac{3x}{5} + 3 = 7$ <p style="text-align: right;">$x = 6\frac{2}{3}$</p>	<p>A2 Solve</p> $\frac{x+4}{3} = 11$ <p style="text-align: right;">$x = 29$</p>	<p>A3 Solve</p> $\frac{5x-11}{3} = x$ <p style="text-align: right;">$x = 5\frac{1}{2}$</p>	<p>A4 Solve</p> $\frac{7x-16}{2} = 2x-3$ <p style="text-align: right;">$x = 3\frac{1}{3}$</p>
<p>B1 Solve</p> $\frac{x+4}{2} = \frac{x+10}{3}$ <p style="text-align: right;">$x = 8$</p>	<p>B2 Solve</p> $\frac{x-2}{3} = \frac{x+4}{5}$ <p style="text-align: right;">$x = 11$</p>	<p>B3 Solve</p> $\frac{x-10}{10} = \frac{10-x}{3}$ <p style="text-align: right;">$x = 10$</p>	<p>B4 Solve</p> $\frac{2}{5x-2} = \frac{3}{6x+1}$ <p style="text-align: right;">$x = 2\frac{2}{3}$</p>
<p>C1 Solve</p> $\frac{x-1}{2} + \frac{2x+3}{4} = 1$ <p style="text-align: right;">$x = \frac{3}{4}$</p>	<p>C2 Solve</p> $\frac{2x-1}{4} + \frac{x-1}{5} = 2$ <p style="text-align: right;">$x = 3\frac{1}{2}$</p>	<p>C3 Solve</p> $\frac{6x-1}{4} - \frac{5-2x}{2} = 1$ <p style="text-align: right;">$x = 1\frac{1}{2}$</p>	<p>C4 Solve</p> $\frac{2x+1}{3} + \frac{x-5}{2} = 4$ <p style="text-align: right;">$x = 5\frac{2}{7}$</p>
<p>D1 Solve</p> $\frac{6}{x-2} - \frac{6}{x+1} = 1$ <p style="text-align: right;">$x = -4, x = 5$</p>	<p>D2 Solve</p> $\frac{3}{x+2} + \frac{4}{x-3} = 2$ <p style="text-align: right;">$x = -1, x = 5\frac{1}{2}$</p>	<p>D3 Solve</p> $\frac{3}{x+1} + \frac{2}{2x-3} = 1$ <p style="text-align: right;">$x = \frac{1}{2}, x = 4$</p>	<p>D4 Solve</p> $\frac{4}{2x+1} + \frac{1}{4x^2-1} = 3$ <p style="text-align: right;">$x = 0, x = \frac{2}{3}$</p>