

Rational Equation

a statement of equality using rational expressions.

$$\frac{\text{polynomial}}{\text{polynomial}} = \frac{\text{polynomial}}{\text{polynomial}}$$

$$\frac{x+1}{x-5} = \frac{x-4}{x}$$

Solve the following rational equation

$$\frac{x+1}{x-5} = \frac{x-4}{x}$$

Solve the following rational equation

$$\frac{x}{2x} + \frac{7}{10} = \frac{6}{5x}$$

Solve the following rational equation

$$\frac{3+x}{2x} - \frac{1}{3} = \frac{5}{6x}$$

Solve the following rational equation

$$\frac{x+1}{x} + \frac{1}{2x} = 4$$

Solve the following rational equation

$$\frac{2}{x-2} + \frac{4}{x} = 2$$