



Equations with Fractions



1.
$$\frac{1}{x} = \frac{1}{x+3} + \frac{1}{6}$$

2.
$$\frac{1}{x-4} = \frac{1}{x} + \frac{1}{8}$$

3.
$$\frac{3}{x} - \frac{1}{2} = \frac{1}{x-1}$$

4.
$$\frac{5}{x} = \frac{1}{x-2} + \frac{3}{4}$$

5.
$$\frac{1}{x+1} - \frac{1}{6} = \frac{1}{x+4}$$

6.
$$\frac{1}{x+2} - \frac{1}{8} = \frac{1}{x+6}$$

7.
$$\frac{3}{2} - \frac{1}{x-3} = \frac{1}{x-4}$$

8.
$$\frac{1}{x+3} + \frac{3}{x+5} = \frac{5}{4}$$

9.
$$\frac{3}{4} - \frac{2}{x-5} = \frac{1}{x+4}$$

10.
$$\frac{1}{x+5} = \frac{3}{x-3} - \frac{2}{3}$$

11.
$$\frac{3}{x-2} + \frac{8}{x-1} = 3$$

12.
$$\frac{12}{x+2} - 4 = \frac{3}{x-5}$$

