Solving Rational Equations
Solve It- Clear, Factor, Cancel Handout

1. Solve $\frac{1}{x+10} = \frac{2}{x+4}$.

2. Solve $\frac{1}{x+3} = \frac{x-1}{12}$.

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

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

5. Solve $\frac{2}{x^2-1} + \frac{1}{x+1} = x - 1$.

6. Solve $\frac{1}{x+4} + \frac{x}{x+5} = \frac{1}{x^2+9x+20}$.

7. Solve $\frac{2}{x} + \frac{4}{x^2} = 2$.

8. Solve $\frac{7}{2x+2} = \frac{7}{x-3}$.

9. Solve $\frac{2}{(x+1)(x-2)} - 2 = \frac{2}{x-2}$.

10. Solve $\frac{x}{x+3} = \frac{x}{x^2-9}$.