

### Homework – Solving Rational Equations #3 (LCD)

Solve

$$1) \quad \frac{4}{x} + \frac{5}{2} = -\frac{11}{x} \qquad x = -6$$

$$2) \quad \frac{5x}{x-2} = 7 + \frac{10}{x-2} \qquad x = 2$$

$$3) \quad \frac{4x+1}{x+1} - 3 = \frac{12}{x^2-1} \qquad x = -2 \text{ or } x = 5$$