"You don't learn to walk by following the rules. You learn by doing, and by falling over."
-Richard Branson

- 1. Factor into linear factors whenever possible. Then solve.
 - (a) $x^2 + 2x + 1 = 0$
 - (a) $x^2 + 6x + 8 = 0$
 - (b) $x^2 2x 24 = 0$
 - (c) $3x^2 + x 2 = 0$
 - (d) $2x^2 + x 3 = 0$
 - (e) $x^2 4 = 0$
 - (f) $9x^2 16 = 0$
 - (g) $x^3 + 8 = 0$
- 2. Solve.
 - (a) $\frac{1}{x-3} = 2$
 - (a) $\frac{2x-1}{2} + \frac{-1}{x-2} = 0$
 - (b) $\frac{1}{x+1} + \frac{2}{x-1} = -1$