Quadratic:

$$y = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}, \qquad ay^2 + by + c = 0$$

$$\Delta = b^2 - 4ac$$

Displacement:

$$S = \frac{1}{2}at^2 + V_0 t + S_0$$

Velocity:

$$V = V_0 + at$$