Define the equation for later use

\[ eqn := \frac{d}{dx} y(x) = x^2 - y(x) \]

Plot the direction field and 4 solution curves (trajectories) with different initial conditions

\[ DEplot(eqn, y(x), x=-3..3, y=-4..4, [y(-2) = 3.5, y(-2.5) = 1, y(-1) = -3, y(1) = -2]) \]
\[ y(x) = 2 - 2x + x^2 + e^{-x}C1 \]  

\[ 3.5 = 10 + e^2C1 \]  

\[ C := \text{solve}(3.5 = 10 + e^2C1, C1) \]  

\[ C := -0.8796793410 \]  

\[ \text{plot}(2 - 2x + x^2 + e^{-x}C, x=-3..3, y=-4..4) \]