



## Item Navigation

# Linear First-order Equation: Examples

Solve the following linear odes.

(a)  $\frac{dy}{dx} = x - y, \quad y(0) = -1$

(b)  $\frac{dy}{dx} = 2x(1 - y), \quad y(0) = 0$

Note: Remember, you may check the solutions in the [lecture notes](#).

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