

## Solution to an ODE

**Quiz:** Solution to an ODE.

Which of the following is a solution to the ODE  $dy/dx = 2y + 1$ ?

**Choices:**

- a)  $y = ce^{2x} - 1$ .
- b)  $y = x^2 + x + c$ .
- c)  $y = e^{x/2} + c$ .
- d)  $y = ce^{2x} - 1/2$ .
- e)  $y = e^{2x} + c$ .
- f) None of the above

Pick what you think is the correct choice and then look at the answer.

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