Which numbers x are solutions to the equation?

$$2^x = x + 1$$

- $x = 0$

- $x = 1$

- $x = 2$

Which <u>functions</u> y are solutions to the "differential equation"?

$$y'' + y' = 2y$$

- $y = e^x$

- $y = e^x + 1$

- $y = e^{-2x}$