

Select the functions that solve the following differential equation:

$$\frac{df(x)}{dx} = 0 \text{ (Choose all that apply)}$$

a.  $f(x) = 6x + b$

b.  $f(x) = b$

c.  $f(x) = 2357$

d.  $f(x) = 29x + 0$

e.  $y(x) = x^2 + x + 1$