$$x' = x \tag{1}$$

$$\frac{dx}{dt} = x \tag{2}$$

$$x' = x$$

$$\frac{dx}{dt} = x$$

$$\int dx = \int x dt$$

$$x - x_0 = \frac{1}{2}x^2$$

$$(1)$$

$$(2)$$

$$(3)$$

$$(4)$$

$$(5)$$

$$(6)$$

$$x - x_0 = \frac{1}{2}x^2 \tag{4}$$

(5)(6)