

Substitute $a = 1$, $b = 0$, and $c = 4$ into the Quadratic Formula:

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$x = \frac{-0 \pm \sqrt{0^2 - 4(1)(4)}}{2 \cdot 1} = \frac{\pm \sqrt{0 - 16}}{2} = \frac{\pm \sqrt{16} \sqrt{-1}}{2} = \frac{\pm 4i}{2} = \pm 2i$$