

Let

$$f(x) = \begin{cases} 3x^2 + x - 5 & \text{if } x \leq 0 \\ x + \sqrt{x} & \text{if } x > 0 \end{cases}$$

then

$$f(-2) = 3 \cdot (-2)^2 + (-2) - 5 = 5$$

$$f(0) = 3 \cdot 0^2 + 0 - 5 = -5$$

$$f(4) = 4 + \sqrt{4} = 6$$