Which of the following is the quotient of  $-x^3-x+1$  divided by x-1

$$(-1) x^3 + (-1) x + (1)$$

$$+(\mathbf{x}^2)$$

$$+(-1)x^2 + (-1)x + (1)$$

$$+((-x^2)) + ($$

$$-\mathbf{x}^2$$
) + (()