$((3 x^3)) + ((3 x^2))$ 

x + 1 (3)  $x^3 + (3) x^2 + (-3) x + (-1)$ 

+(-3)x + (-1)

Which of the following is the quotient of 3  $x^3$   $_+$  3  $x^2$   $_-$  3 x  $_-$  1 divided by x  $_+$  1