

Complete the calculation to find the product:

$$(x + 7)(x^2 + 2x + 4) = x(x^2 + 2x + 4) + 7(x^2 + 2x + 4)$$

$$= x(x^2) + x(2x) + x(4) + 7(x^2) + 7(2x) + 7(4)$$