

$$3x^2 + 11x + 60$$

$$\begin{array}{r} x - 5 \overline{) 3x^3 - 4x^2 + 5x} \\ \underline{3x^3 - 15x^2} \\ 11x^2 + 5x \\ \underline{11x^2 - 55x} \\ 60x \\ \underline{60x - 300} \\ 300 \end{array}$$