

$$\begin{array}{r} \phantom{+} -5x^2 \\ (2x^3 - 5x^2 + x) + (2x^2 + x^3 - 1) = \end{array}$$

$$2x^3 + x^3 = x^3(\underline{2+1}) = 3x^3$$

$$-5x^2 + 2x^2 = x^2(-5+2) = -3x^2$$

300+

3000

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

$$\begin{array}{r} 3000 \\ 300 \\ \hline \end{array}$$

$$\begin{array}{r} 2x^3 + -5x^2 + x \\ + 1x^3 + 2x^2 + -1 \\ \hline \end{array}$$

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

$$(4n^2 + 5) + (-2n^2 + 2n - 4) =$$
$$\underbrace{4n^2}_{+5} + \underbrace{2n^2}_{-2n} + \underbrace{4}_{+4} =$$
$$\underline{6n^2} + \underline{-2n} + \underline{9}$$

3 terms - trinomial  
degree 2  
lead coeff. 6