Adding + Subtacting Polynomials

Build
$$2x^{2} + 3x - 2$$
 $2ero$ pair $3x^{2} + 3x - 2$ $2ero$ pair $2x^{2} + 3x - 2$ $2ero$ pair $2x^{2} + 3x - 2$ $2ero$ pair $2x^{2} + 3x - 2$ $2x^{2} + 3x - 2$ $2x^{2} - 2x + 5$ $2x^{2} - 2x + 5$ $2x^{2} + 2x - 2$ $2x^{2} - 2x + 5$ $2x^{2} + 2x - 2$ $2x^{2} - 3x - 2$ $2ero$ pair $2x^{2} + 3x - 2$ $2ero$

Simplify:
$$(5x^2 + 4x + 6) + (x^2 + 3x - 9)$$

$$try: (-2x^2 + 4x - 5) + (4x^2 - 7x - 3)$$

= $2x^2 - 3x - 8$

Like terms have the same variable and

degree (i.e. raised to the same power)
ey 2x2 3x2 are like terms
you can only add or subtract like terms. -2-7=-0+-7=-9add the opposite $(\chi^2 + 2)(-3) - (\chi^2 - 3)(+ \chi) = -\chi^2 + 5\chi - 5$ Flip 2rd
polynomial
// $(x^{2}+2x-3)+(-2x^{2}+3x+-2)$ $=-\chi^{2}+5\chi-5$ try Simplify: