

5.3 Add, Subtract & Multiply Polys

* When + or -, only combine like terms.
Have same..... Variables & exponents

2 Ways to Subtract



Horizontally

$$(12x^2 + 8x - 3) - (11x^2 - x + 5)$$



subtract

$$12x^2 + 8x - 3 - 11x^2 + x - 5$$

$12x^2 - 11x^2 \quad 8x + x$

$$x^2 + 9x - 8$$

$$\text{Add } (7c - 3c^2) + (16 - 8c^3 + 5c^2 - c)$$

$$-8c^3 + 2c^2 + 6c + 16$$