

SEPT 29/08

SUBTRACTING POLYNOMIALS

ADDITIVE INVERSE

$$2-3 \quad 2+(-3)$$

OPPOSITES

$$5 \rightarrow -5 \quad -2 \rightarrow 2$$

Ex. WRITE THE OPPOSITE

$$-x^2 + x - 3 \rightarrow x^2 - x + 3$$

Ex.

$$(5x^2 - 7x + 4) - (2x^2 + 2x + 5)$$

$$(5x^2 - 7x + 4) + (-2x^2 - 2x - 5)$$

$$3x^2 - 9x - 1$$

Ex.

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

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

$$x^2 - 7x + 12$$

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