Algebra 1

Day 2 - Subtracting Polynomials Notes

Learning Targets:

• I can subtract polynomials.

Words that mean subtraction: difference

Subtracting Polynomials: To subtract polynomials, think of it as distributing a -1 to the second polynomial.

**Beware of the word FROM! This indicates that you need to

Switch order north

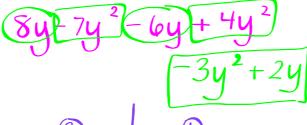
Subtract the following and express your answers in standard form:

1.)
$$(5x^2 - 2x + 3) - (7x^2 - 5x + 2)$$

$$5x^2 + 3 - 7x^2 + 3$$

$$\sqrt{-2x^2+3x+1}$$

2.)
$$(8y - 7y^2) - (6y - 4y^2)$$



3.) Subtract $(-4x^2 + 6x)$ from $(9x^2 - 5x + 3)$.

$$(9x^{2}-5x+3) - 1(-4x^{2}+6x)$$

$$(9x^{2}-5x+3) + 4x^{2}-6x$$

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Day 2 Notes (Subtracting Polynomials)

