Day 7 – Factor Polynomials (-, -) & (+, -) Directions: Complete the puzzles below like yesterday. 1,48 2,24 negative number and one positive Number (factors) What types of patterns did you notice?

c. (x + 6)(x - 6)

Review and Connect: Multiply the following binomials together.

b. (2x-5)(x+6)

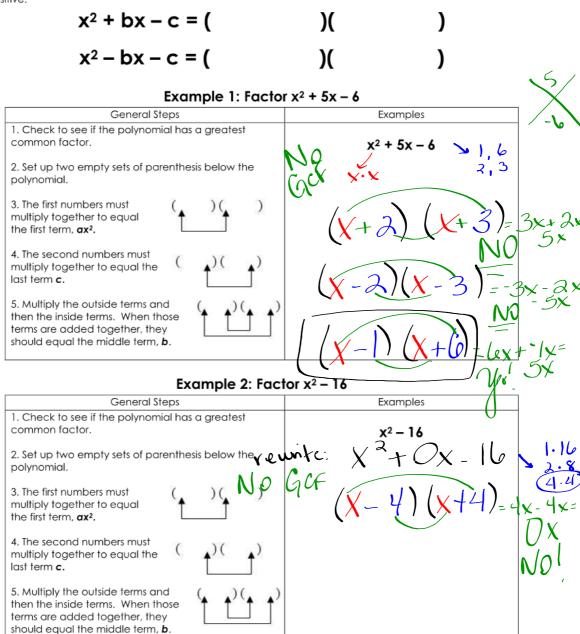
a. (x + 4)(x - 7)

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d. (3x - 7)(x + 1)

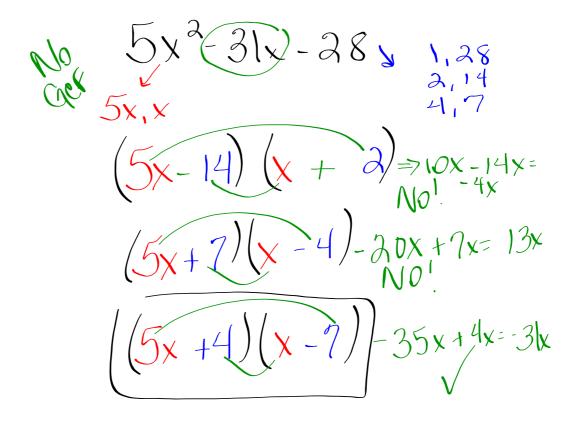
Algebra 1 Unit 7: Quadratic Expressions Notes

You probably noticed that the multiplying number was negative every time, but the adding number could be positive or negative, depending on which number got the negative sign. If the larger number had the negative sign, the adding number was negative and if the smaller number was negative, the adding number was positive.



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Unit 7.2.notebook January 15, 2020



$$\frac{9x^{3} + 21x - 60}{3}$$

$$3(3x^{2} + 7x - 20)$$

$$3x \cdot x$$