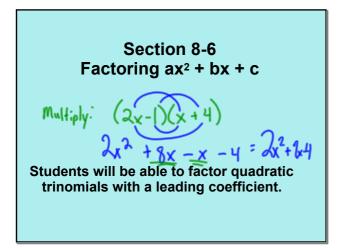
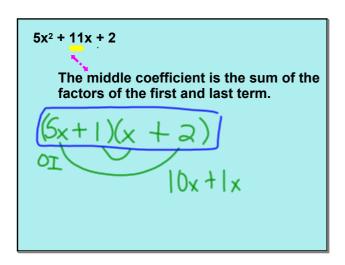
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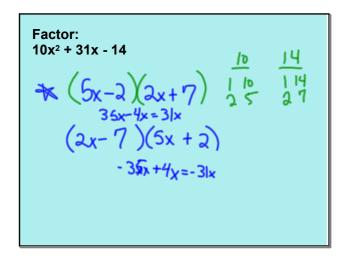
Factor:  $6x^{2} + 13x + 5$  (2x + 1)(3x + 5) (4x + 1)(3x + 5) (5x + 1)(3x + 5) (4x + 1)(3x + 3x + 5)

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Factor  $2x^2 - x - 3$  (2x - 3)(x + 1) -2x + 3x = x 2x - 3x = -x

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The area of a rectangle is  $8x^2 + 22x + 15$ . What are the possible dimensions of the rectangle?  $A = C\omega$  (4x + 6)(2x + 3)

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Remember to always factor out the greatest common factor to make sure that it is in simplest form.

Factor:  $8x^2 - 36x - 20$   $4(2x^3 - 9x - 5)$   $4(2x^2 - 9x - 5)$   $4(2x^2 - 9x - 5)$   $5(2x^2 - 9x - 5)$   $6(2x^2 - 36x - 20)$ 

Factor:  $30m^2 + 14m - 8$   $(5m^2 + 14m - 8)$   $2(15m^2 + 7m - 4)$   $2(3m^2 - 1)(5m^2 + 4)$  2(5m + 4)(3m - 1) -5m + 12m

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Hwk: pg 520-522 #8 - 24(4th), 28 - 36 (evens), 38 - 50 (4th)

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