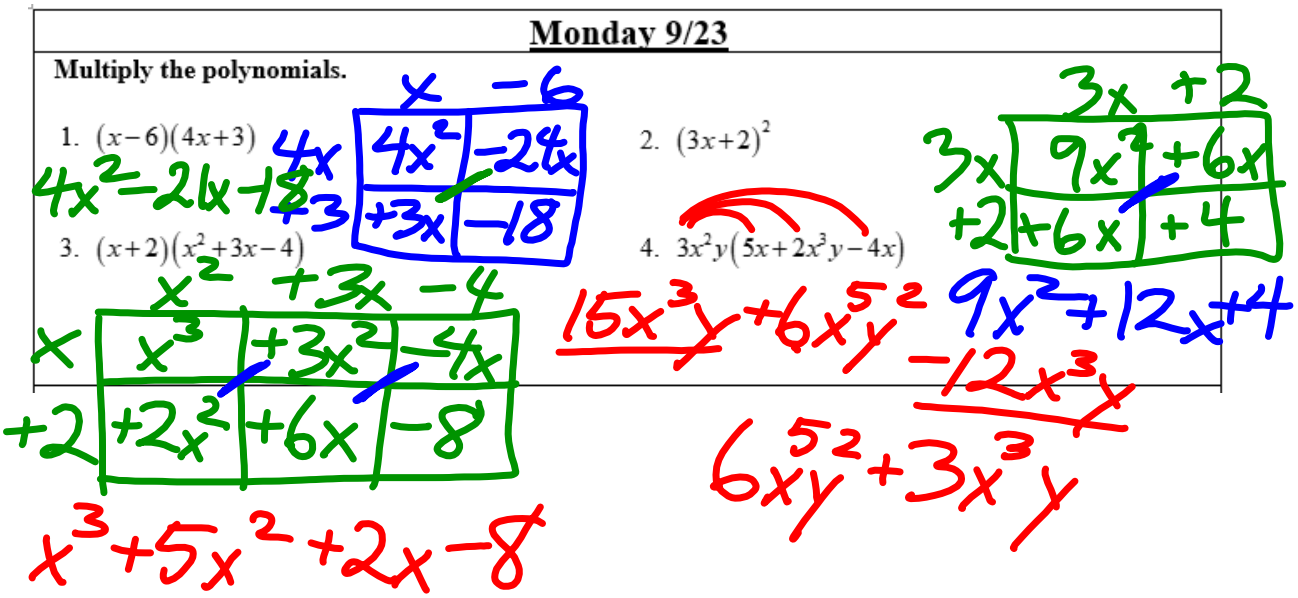
Pick up Week #6 Packet and start on bell ringer



Week #5 packet due tomorrow :)

Factor the polynomial

1 - Put in standard form ✓

2 - Multiply a and c ✓

3 - Find factors of ac that add to b ✓

4 - Rewrite trinomial by splitting b into the two factors found in step 3 ✓

5 - Factor by grouping :)

$1x^2 + 10x + 21$ (a, b, c)

$+21$

$1 \cdot 21$

$3 + 7$

$x^2 + 3x + 7x + 21$

$x(x+3) + 7(x+3)$

$(x+3)(x+7)$

Factor the polynomial

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$x^2 + 13x - 30$

$(x-2)(x+15)$

-30

$-1 \cdot 30$

$1 \cdot -30$

$-2 \cdot 15$

$2 \cdot -15$

Factor the Polynomial

1 - Put in standard form ✓

2 - Multiply a and c ✓

3 - Find factors of ac that add to b ✓

4 - Rewrite trinomial by splitting b into the two factors found in step 3

5 - Factor by grouping :)

$(x+3)(x+2)$

$x^2 - 12x + 27$

$+27$

$-1 \cdot -27$

$-3 \cdot -9$

$(x-3)(x-9)$

$x^2 + 3x - 70$

$x^2 + 15x + 50$

$x^2 + 6x + 8$

$x^2 + x - 12$

$x^2 - 7x - 18$

$x^2 - 7x - 30$

$x^2 + 2x + 1$

Homework Time

2.5 Day 2 pg 93-94 #s 11, 15, 19, 23, 27, 28, 31, 35, 41, 43