

10.6 DAY 2

Warm Up

Name

Hr.3

Homework Quiz

$$6x^2 - 11x - 10$$

Homework Questions?

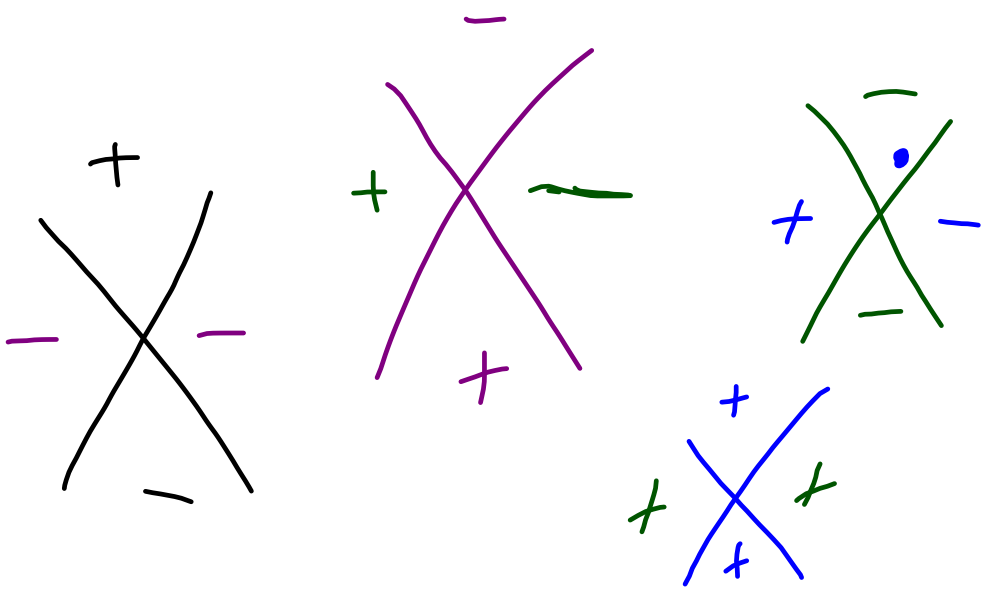
33) $4x^2 + 27x + 35$

$\begin{matrix} 1, 4 \\ 2, 2 \end{matrix}$
 $\begin{matrix} 1, 35 \\ 5, 7 \end{matrix}$

$(2x + 5)(2x + 7)$

$(2x + 7)(2x + 5)$

$(1x + 5)(4x + 7)$



Self Scoring Scale

4- I can *summarize* the concepts and explain it to others.

3- I can *apply* the concepts to answer questions correctly.

2- I can *apply* the concepts but with some *mistakes*.

1- I *need help* to know how to apply the concepts.

0- I *can't* apply the concepts even with help.

Example 3: Factor with a Common Factor for a, b, and c

Factor $\frac{9x^2}{3} + \frac{42x}{3} - \frac{15}{3}$.

$$3(3x^2 + 14x - 5)$$

$$(1x + 1)(3x - 5)$$

$$3(1x + 5)(3x - 1) \quad \checkmark$$

$$(3x + 15)(3x - 1)$$

$$3(x + 5)(3x - 1)$$

$$(2x + 10)(7x + 1)$$

$$2(1x + 5)(7x + 1)$$

Example 4: Solve a Quadratic Equation

$$14n^2 + 10n + 2 = -17n - 7$$

Try It Factor the trinomial.

$$3) \quad \frac{15x^2}{5} - \frac{35x}{5} + \frac{10}{5}$$

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

1,3 1,2

$$(1x - 1)(3x - 2)$$

-3x -2x

$$5(1x - 2)(3x - 1)$$

-6x -1x

$$15x^2 - 35x + 10$$

1,15 1,10
3,5 2,5

$$(3x - 1)(5x - 2)$$

-5x -30x

$$(3x - 1)(5x - 2)$$

$$5(1x - 2)(3x - 1)$$

FINISH 10.6 p.606 #22-33 (skip 29&30)

Factoring Trinomials wkst (p.43) #1-10

*Grade Sheet Signed: Due FRIDAY