April 14, 2016

Number Talk!

April 14, 2016

1.5 x 72

April 14, 2016

Monday: Factoring Trinomials

Tuesday: Factoring Trinomials

Wednesday: Factoring Trinomials

Thursday: Factoring Trinomials

Friday: Factoring Trinomials

This Week in Math...

Today's Agenda:

1. Homework Check
2. Notes
3. Practice
4. Homework:

   Worksheet #15

Homework Check

pg. 537-539 #1-31 odd, 63, 69, 79

1. (7d+1)(d+7)

3.

5.

7.

9.

11.

13.

15.

17.

19. (5w+8)(2w-1)

21. 3(11r+4)(2r+1)

23. 28(m-1)(m+2)

25. (y+7)(y+1)

27. 1599

29.

31.

63.

69.

79.

Set up your notes!

Topic: Factoring

EQ: How do I factor polynomials?

Date: April 15, 2016

SWBAT factor trinomials by grouping.

Do this in your notes.

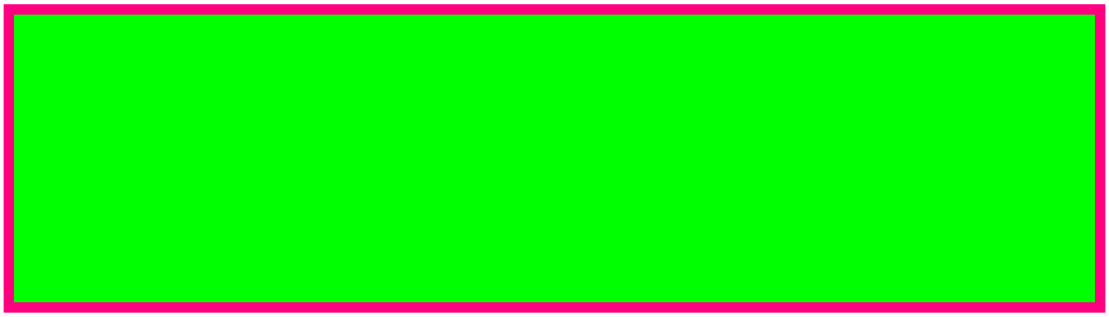
Factor by grouping:

$$10x^2 + 5x + 4x + 2$$

We are going to continue to factor by grouping, but now we're going to do it with trinomials.

Do this in your notes.

$$6x^2 + x - 2$$



What should we split it into though?

$$6x^2 + x - 2$$

Do this in your notes.

$$6x^2 + x - 2$$

Multiply a*c. Then we ask the question:

*What multiplies to **ac** and adds to **b**?*

Do this in your notes.

$$6x^2 + x - 2$$

Write this in your notes.

Steps for Success:

1.
2.
3.

Factor by Grouping: Practice!

$$12x^2 + 5x - 2$$

Factor by Grouping:

$$3x^2 - 3x - 90$$

Factor by Grouping:

$$5x^2 - 50x + 120$$

Homework!

Worksheet #15