


Happy Monday!! 

How was your weekend?
Sign up for Remind:
Text @msstilso to 81010
to join our class (you can leave at any time).

Day 1
IF1 - Factor by GCF and Grouping

Aug 16-10:47 AM

Note: Formative assessments will be marked "complete" or "missing" in gradebook. It is your responsibility to make corrections.

If you missed more than half of the problems, it will be marked "missing" until you make corrections.

In order to reassess, you must have your formative work complete.

Aug 22-8:06 AM

- Group Folders
- 1) First person to class will grab folder
 - 2) Warm-ups/Exit Slips STAY in the right pocket.
 - 3) Anything you need to turn in will go in the left pocket.
 - 4) If someone in your group is gone, write their name on the
 - 5) At the end of class, one person will return folder to front of

Aug 22-8:04 AM

PEMDAS
Do Now: ↑

Evaluate the expression for $x=3$

$$4x^2 - 2(x+1)$$

* 136 $4(3)^2 - 2(3+1)$

~~$4 \cdot 3 - 2(4)$~~

$4 \cdot 9 - 2(4)$
 $36 - 8 = 28$

Aug 22-8:08 AM

$12 \Rightarrow \frac{4}{2} \cdot 3^0$ $8 \Rightarrow \frac{4}{2}$ $7 \Rightarrow 7$ $13 \Rightarrow 13$

Factoring out the Greatest Common Factor (GCF)

- What is the GCF?

Greatest Factor between the terms

- Find the GCF between each pair of terms.

a^5b^2 a^3b

a^3b

- (a) $28x^3y^2$ and $14xy^4$ (b) $a^3b^2c^4$ and $5a^3b$

$14xy^2$ $1a^3b$

Sep 18-6:51 AM

Factor out the GCF.

1.) $12xy + 6x^2y^4$ 2.) $16x^9 - 16x^8$

What is the GCF?

$6xy(2+xy^3)$ $16x^8(x-1)$

Factored Form

3.) $15a^2 - 25b^3c + 15b^2c^5$

$5(3a^2 - 5b^3c + 3b^2c^5)$

GCF

Sep 18-6:55 AM

Factor by Grouping.

$$4.) (8x^3 + 4x^2) + (12x + 6)$$
$$\underline{4x^2(2x+1) + 6(2x+1)} \quad \text{GCF}$$
$$(2x+1)(4x^2+6)$$

$$5.) (20x^3 + 60x^2)(-7x - 21)$$
$$20x^2(x+3) - 7(x+3)$$
$$(x+3)(20x^2-7)$$

Exit Ticket:

$$14x^3 + 7x^2 - 6x - 3$$

Sep 18-2:04 PM

Homework:

IF-1 Worksheet all

Sep 18-7:04 AM