

Day 10

August 17, 2016

1920 -- Tennessee ratified

the 19th Amendment, which gave women the right to vote.



SPEAKER GILLETT SIGNING THE SUFFRAGE BILL

The Bill providing for a Constitutional Amendment granting the suffrage to women throughout the Nation was signed, as shown above, by the Speaker of the House of Representatives after it had been passed by the Senate.

What Do You Know
Wednesday

List everything you know about solving equations.

5 item minimum



Mindfulness Practice **Criteria for Success**

- 1.) Sit in warrior position.
 - Bottom touches vertex of chair
 - Feet flat on ground
 - Knees under desk
 - Head supported **ONLY** by neck muscles
 - Hands on desk (up or down)

- 2.) Close eyes, following instructions.

- 3.) Remain silent.
 - Silent voice.
 - Silent body.
 - Silent objects.

Math Warm Up Criteria for Success

1.) Complete every problem the best of your ability.

MISTAKES ARE OKAY. Blanks are not.

2.) Show your work on the back OR on looseleaf.

IN YOUR HEAD = COMPLETELY WORTHLESS

3.) Keep your paper all week.

QUIZ EVERY FRIDAY. Come to tutoring if you need.

4.) Make corrections.

5.) 4 signatures = A 3 signatures = B 2 signatures = C

6.) Print it out from the website if you lose it.

Combining Like Terms

3

Khan Academy:

<http://tinyurl.com/gvfesr8>

ex. 1: $5x + 7y + 8z - 2x + 3y + 5 - z$

ex. 2: $-3y + 4xy - 2x^2 + 2x + y^2 - 4xy + 2y + 3x^2$

Definitions:

5

Combining Like Terms

Definitions:

7

Combining Like Terms

Definition

a variable, a number,
or a variable and
number, separated by
an operation

Facts

separated by a
+, -, /, or x

Word/Concept

term

$2x^3$

↑
term

$-5x^2$

↑
term

$+x$

↑
term

$+9$

↑
term

Examples

Example:

$5(x + 4) = 6x - 5$

Non-examples

Definition

terms with the same variable and the same exponent

Facts

same variables
same exponents
order doesn't matter

Word/Concept

Like terms

$3a$ $12a$ $54a$

$5x$ $12x$ $0.9x$

$3xy^2$ $9xy^2$ $12xy^2$

Examples

Non-examples

Definition

$5x + 7y + 8z - 2x + 3y + 5 - z$
multiplied by a variable

Facts

- takes the sign IN FRONT
- no number? it's ONE.

Word/Concept

Coefficient

$5x + 8z - 2x + 3y + 5 - z$

Examples

$5x + 8z - 2x + 3y + 5 - z$

Non-examples

4

Additional Practice

$$2xyz - 5x^2 + 7 - xy + 9xyz - 11 + 2x^2$$

$$5ab - b + 7ba + b - 1 + 2z$$

6

Paste top of worksheet here.

Combining Like Terms My Best Work

**Choose 4 perfect problems to
show here.**

Independent Work Criteria for Success

1.) Voice OFF for [6] minutes.

This helps concentration and focus.

2.) Ask 3 before me.

Use your tokens ask you ask your table mates. People with 1 token left get extra credit.

3.) Give HELP, not answers.

You are owners of your own learning.

4.) Monitor your time for success.

Use the clock on the board and verbal reminders.

Cutting and Pasting Criteria for Success

1.) Cut quickly.

Don't get caught behind.

2.) Roll glue down like chapstick.

Otherwise, glue is unusable for the next class.

3.) Keep scraps in table box.

We'll throw them out at the end of class.

4.) Watch FIRST. Cut SECOND.

One copy per student. Otherwise, make your own.