NO FLOOR SITTING THIS WEEK!
I NEED YOU IN SEATS SO I CAN LEARN YOUR NAMES!

Let's learn to combine & distribute!

Yeah! Sounds like fun!

Terms in an expression are separated by plus or minus signs.

Like terms can be grouped together because they have the same variable raised to the same power.

Equivalent expressions have the same value for all values of the variables.

1 $14x - 5x$

$9x$

2 $7y + 8 - 3y - 1 + y$

$5y + 7$

3 $4y - y$

$4y - y = 3y$

4 $5x + 8 - 4x - 2 - x$

$0x + 6$

6

Now....2 variables or more!

5 $9x + 3y - 2x + 5$

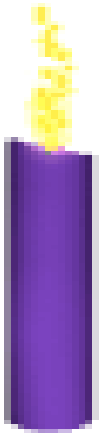
$7x + 3y + 5$

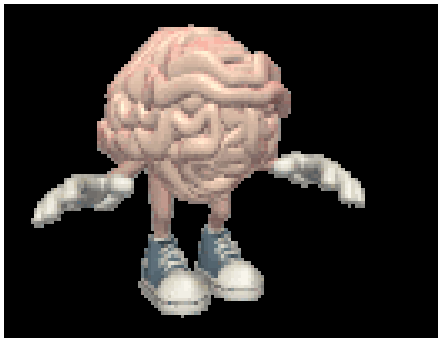
6 $5x + 7y - 5x - 2y$

$0x + 5y$

$5y$

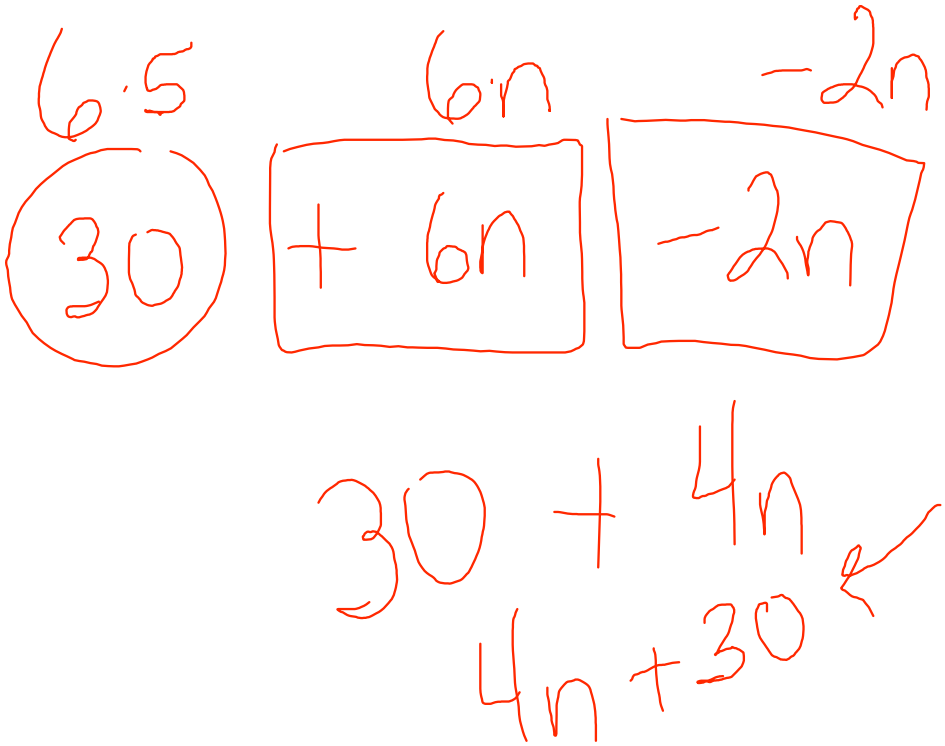
Keep the flame burning as we add another step!





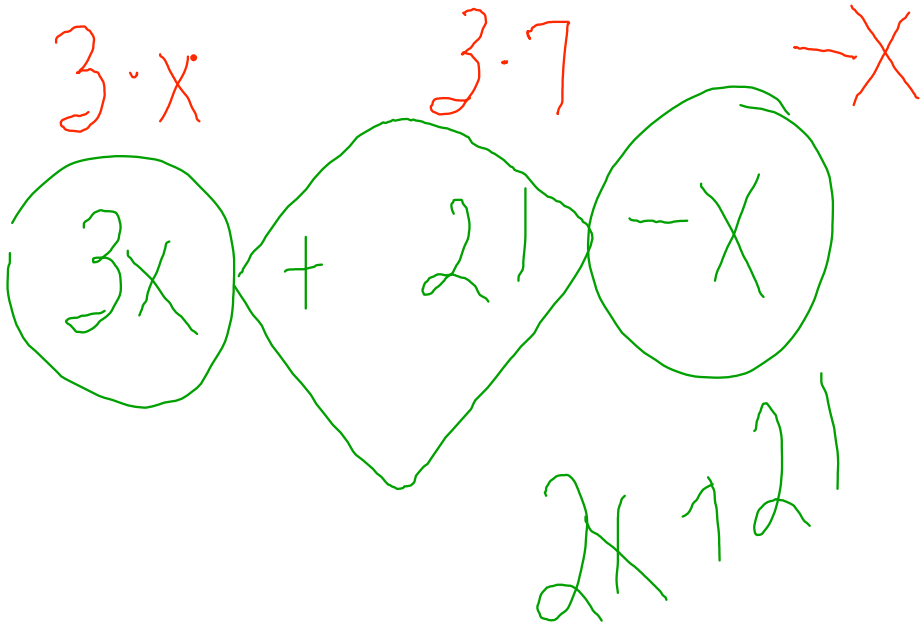
Let's do one together!

Simplify $6(5 + n) - 2n$.



Now...it's your turn!

7 $3(x + 7) - x$



Another one!!!!

8 $3(2x + 8) - 2 + 6x$

PEMDAS

$3(2x)$

$6x$

$12x + 22$

$3(8)$

24

Let's practice them all together now!

Combine like terms.

9 $3x + 4 + 2x$

$5x + 4$

Simplify.

10 $4(3x + 6) - 7x$

$2x + 24 - 7x$

$5x + 24$

11 $6(x + 5) + 3x$

$6x + 30 + 3x$

$9x + 30$

Solve.

12 $6y + y = 42$

$6y + y = 42$

$6y + y$

$7y = \frac{42}{7}$

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$7y$

$y = 6$

$y = 6$

Assignment!

Pizzazz W/S!