

Name: _____

Homework – Monday (October 24, 2016)

Solve the following problems **without a calculator**. You ***MUST*** show your work. ***NO WORK = NO CREDIT.***

<p>1. Identify the like terms, coefficients, and constants in the following expression.</p> <p>$8 - 4y + 2y - 5$</p>	<p>2. Use distributive property to solve: $(2b - 5)(-8)$</p>
<p>3. Simplify the expression.</p> <p>$-b - 5b + 9b + 7$</p>	<p>4. Write your own definition for 'like terms'.</p>

Homework- Tuesday (October 25, 2016)

Solve the following problems **without a calculator**. You ***MUST*** show your work. ***NO WORK = NO CREDIT.***

<p>1. Write an algebraic expression to the given word problem:</p> <p>3 times 9 more than a number</p>	<p>2. $14 + 5s$, when $s = -3$</p>
<p>3. $9(2x + 3) - 5(x - 5)$. Simplify.</p>	<p>4. Roger caught three times as many fish as Tony. Tony caught 8 more fish than Paula. Paula caught 2 fish. How many fish did Roger catch?</p>

Homework - Wednesday (October 26, 2016)

Solve the following problems **without a calculator**. You **MUST** show your work. **NO WORK = NO CREDIT.**

1. Linda's age is 6 years less than twice Jaden's age. If Jaden is n years old, what is the sum of both of their ages? Write an expression.	2. $-\frac{1}{4}(x + 20) =$
3. $96 \div x - 7$, when $x = -12$	4. Simplify: $(3a + 5b - 4c) - (2a + 8b - 5c)$

Homework - Thursday (October 27, 2016)

Solve the following problems **without a calculator**. You **MUST** show your work. **NO WORK = NO CREDIT.**

1. What is the value of the expression below in simplest terms? $\frac{2}{5}(-22\frac{1}{2})$	2. Simplify: $5(\frac{1}{3} + 2n) + 4(n + -\frac{2}{3})$
3. The expression $2.5c + 28$ can be used to convert a temperature in degrees Celsius, c , to degrees Fahrenheit, f . If the temperature is -24 degrees Celsius, what is the temperature in degrees Fahrenheit?	4. Simplify $5k - 10k - 8$ when $k = 8$