

Name: _____

Homework WEEK 6

Solve the following problems without a calculator. You MUST show your work.
IPS strategy must be used on all Word Problems.
NO WORK = NO CREDIT.

MONDAY

1. What is the value of $-\frac{3}{8} + \frac{1}{3}$?	2. Use distributive property to solve: $9(x - 4)$
3. Evaluate $5 \div 21$ (round to the nearest hundredth)	4. Write a word phrase for the following expression: $x + 7$

TUESDAY

NO WORK = NO CREDIT

1. Write an algebraic expression to the given word problem: 8 less than a number times 9	2. $4 - 8w$, when $w = 4$
3. $7(x + 3) + 5(6 + 2)$. Simplify.	4. In a long jump event, Terry jumped $4\frac{1}{8}$ meters. In the same event, Michael jumped $2\frac{2}{3}$ meters. How much further did Terry jump than Michael?

WEDNESDAY

NO WORK = NO CREDIT

1. Translate the algebraic expression: $ab + 3$	2. What is the decimal equivalent of $52/97$? (Round to the nearest hundredth)
3. $56 \div x$, when $x = 8$	4. Simplify: $4x - 12x - 9 + 9$

THURSDAY

NO WORK = NO CREDIT.

1. What is the value of the expression below in simplest terms? $\% (-18 \frac{1}{3})$	2. Simplify: $5(-\frac{2}{3} + x) + 4(x + -3.05)$
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 45 degrees Celsius, what is the temperature in degrees Fahrenheit?	4. Simplify $5k - 10k - 8$ when $k = 3$

