

SAMPLE MATH JOURNAL ENTRY

September 3, 2008 (please highlight each date)

WARM UP PROBLEMS

1. $21 - 2(3)$

2. $4 + 3 * 9$

3. $2(9) + (3)$

(COPY PROBLEMS FROM THE OVERHEAD

4. $6(1.4) + 12$

ANSWER THEM SHOWING ALL WORK)

5. $7(2.9) - 3$

(There **will not be** warm up problems on some quiz days and all test days.)

VOCABULARY:

Listen carefully and copy definitions.

*There will not be vocabulary every day.

****These definitions accumulate and appear on the chapter tests and both exams)**

VARIABLE--a letter that represents a value that can change or vary

COEFFICIENT--the number multiplied by the variable

ALGEBRAIC EXPRESSION--an expression with one or more variables

CONSTANT--a number that doesn't change value in an expression.

In $x + 6$, x is the variable and 6 is the constant

EVALUATE--to find the value of a numerical or algebraic expression

SUBSTITUTE--to replace a variable with a number in an algebraic expression

TODAY'S EXAMPLES:

(complete work as done on the board)

Evaluate:

$x + 5$ for $x = 11$

$2a + 3$ for $a = 4$

$4(3 + n) - 2$ for $n = 0, 1, 2$

$5x + 2y$ for $x = 13$ and $y = 11$