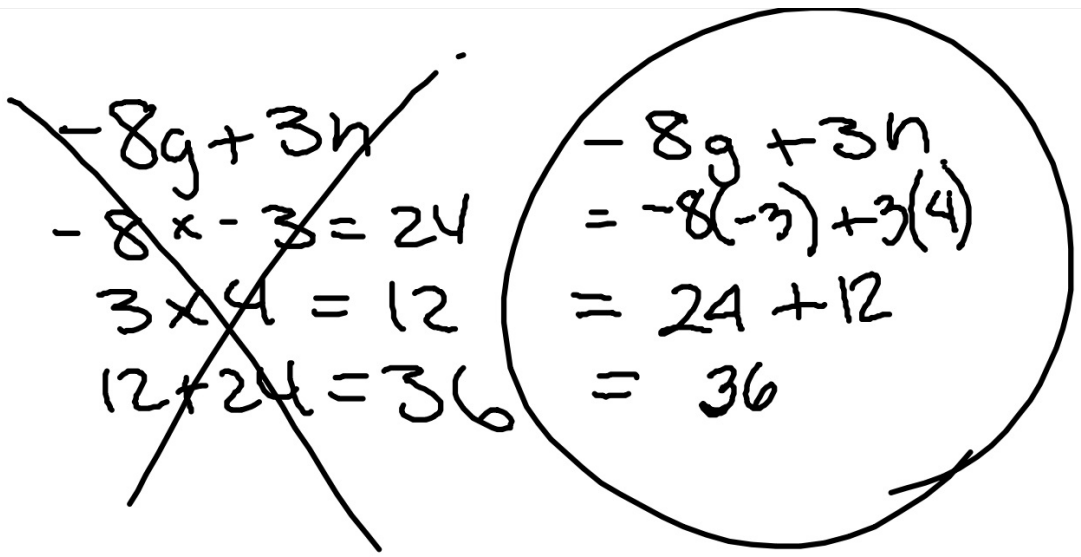
September 30, 2014 5th 6th

Clear off your desks and be ready to take Quiz 1.4 when the bell rings.


-8g+3h
-8 x -3 = 24
3 x 4 = 12
12+24=36
-8g+3h
=-8(-3)+3(4)
= 24+12
= 36

9/24 Combining all operations with Integers

Compute:

PEMDAS

$$\left|(-4)+(+4)\right|-6$$

$$= |0|-6$$

$$= 0+-6$$

$$= -6$$

$$\frac{12}{(-3)+(+6)}\cdot(-3)$$

$$= \frac{12}{3}\cdot(-3)$$

$$= 4\cdot(-3)$$

$$= -12$$

$$|3\cdot(-1)| - 6\cdot(-4)$$

$= |-3| - 6(-4)$

$= 3 - 6\cdot(-4)$

$= 3 + (+24)$

$= 27$

$$3^2 \cdot \frac{(-13)+(+1)}{-3}$$

$= 9 \cdot \frac{-12}{-3}$

$= 9 \cdot 4$

$= 36$

Evaluate each for $m = -8,\ n = -4$

$$m-(n+3)$$

$$= (-8)-((-4)+3)$$

$$= -8+(+1)$$

$$= -7$$

$$mn-n^2$$

$$= (-8)(-4)-(-4)^2$$

$$= (-8)(-4)-16$$

$$= 32-16$$

$$= 16$$

Evaluate each for $x = -10,\ y = 5,\ z = -2$

$$\frac{x^2}{z} - y$$

$$= \frac{(-10)^2}{-2} - 5$$

$$= \frac{100}{-2} - 5$$

$$= -50 + 5$$

$$= -55$$

$$\frac{z^2 - x + 1}{y}$$

$$= \frac{(-2)^2 + (+10) + 1}{5}$$

$$= \frac{4 + 10 + 1}{5}$$

$$= \frac{15}{5}$$

$$= 3$$

Homework

Lilac WS 9 #1-16 all

Due Thursday