

BE-Algebra I | Monday 9-29-08

NOTE: $\frac{1}{2}$ day of school $\Rightarrow$ NO Period 7 class

- ① GRAPH using the Ytq method
the following Equation, Assume the
domain $X = \{R\}$

$$\frac{1}{2}x + \frac{1}{3}y = 3$$

- Return/Reviews graded Homework 7 & Q. 36

- Demo: BULLDOGMATH.COM $\rightarrow$ LINKS $\rightarrow$ MATH TOOLS
 $\downarrow$
Graph Sketcher

ENTER $y(x) = [(-3/2)*x + 9]$

$\uparrow$ $\uparrow$
put the * means multiply
fraction
coefficient
in parentheses

Your own "free"
graphing calculator.

- SHOW current grades $\Rightarrow$ ORGANIZE NOTES!

GRAPH: $\frac{1}{2}x + \frac{1}{3}y = 3$

$-\frac{1}{2}x$

$-\frac{1}{2}x$

$3\left(\frac{1}{3}y\right) = \left(-\frac{1}{2}x + 3\right)3$

$y = -\frac{3}{2}x + 9$

Bell
Exercise
Solution

X	Y = $-\frac{3}{2}x + 9$
-2	$-\frac{3}{2}\left(-\frac{2}{1}\right) + 9 = 3 + 9 = 12$
-1	$-\frac{3}{2}(-1) + \frac{18}{2} = \frac{21}{2} = 10\frac{1}{2}$
0	$-\frac{3}{2}(0) + 9 = 9$
1	$-\frac{3}{2}(1) + \frac{18}{2} = \frac{15}{2} = 7\frac{1}{2}$
2	$-\frac{3}{2}(2) + 9 = 6$

