

10.13.15

Unit Test on Friday!
I will put the review on the blog.

Factor and solve the following equation. Remember to get the equation equal to zero first and look for a GCF.

$$8x^3 + 22x^2 = -5x$$

$$+5x + 5x$$

$$8x^3 + 22x^2 + 5x = 0$$

$$x(8x^2 + 22x + 5) = 0$$

~~a.c~~
~~40~~
~~20~~ ~~2~~
~~+~~
~~22~~
~~b~~

	$2x$	5
$4x$	$8x^2$	$20x$
1	$2x$	5

$$x(2x+5)(4x+1) = 0$$

Solve: $x=0$ $2x+5=0$ $4x+1=0$

$x = -\frac{5}{2}$ $x = -\frac{1}{4}$