Monday - February 3, 2014

U4 A Test Today

Be ready when the bell rings.

$5x^2 - 7x + 2 = 0$

$x^2 - 7x + 10$ $\quad c=10$ $\quad b=-7$

$(x-2)(x-5)$ $\quad -1,-10$ $\quad -2,-5$

$\left(x-\frac{2}{5}\right)\left(x-\frac{5}{5}\right)$

$\left(x-\frac{2}{5}\right)(x-1)$

$(5x-2)(x-1)=0$

$x=\frac{2}{5} \quad x=1$

$x^2+6x+9 = 7+9$

$(x+3)^2 = 16$

$\sqrt{\frac{7}{3}}$

$\frac{\sqrt{7}}{\sqrt{3}}\frac{\sqrt{3}}{\sqrt{3}} = \frac{\sqrt{21}}{3}$

$3x^2 - 28x + 9 = 0$

$x^2 - 28x + 27$ $\quad c=27$ $\quad b=-28$

$(x-\frac{1}{3})(x-\frac{27}{3})$ $\quad -1,-27$ $\quad -3,-9$

$(x-\frac{1}{3})(x-9)$

$(3x-1)(x-9)=0$

$x=\frac{1}{3} \quad x=9$