December 5, 2016

Exam #3

#10) $x^2 + 2x = 35$

$x^2 + 2x - 35 = 0$

$x^2 + 7x - 5x - 35 = 0$ $ac = -35$

$x(x+7) - 5(x+7) = 0$ $b = +2$

$(x+7)(x-5) = 0$ $\frac{+ \mid -}{7 \mid 5}$

① $x + 7 = 0$

$\boxed{x = -7}$

② $x - 5 = 0$

$\boxed{x = 5}$

Dec 5-9:06 AM

$7w(2w-3) - 8(2w-3)$

$(2w-3)(7w-8)$

Dec 5-9:12 AM

#3) $(-x-4)(-2x^2+x-1)$

$2x^3 - x^2 + x + 8x^2 - 4x + 4$

$\boxed{2x^3 + 7x^2 - 3x + 4}$

Dec 5-9:15 AM

$(5x+3)^2 = (5x+3)(5x+3)$

$= 25x^2 + 30x + 9$

Dec 5-9:17 AM

#13) $\frac{b^4}{c^4} \div \frac{9b^2}{c^2}$

K C F

$\frac{b^{4-2}}{c^{4-2}} \cdot \frac{c^{2-1}}{9b^{2-2}} = \frac{b^2}{9c^2}$

Dec 5-9:19 AM

* Final Exam

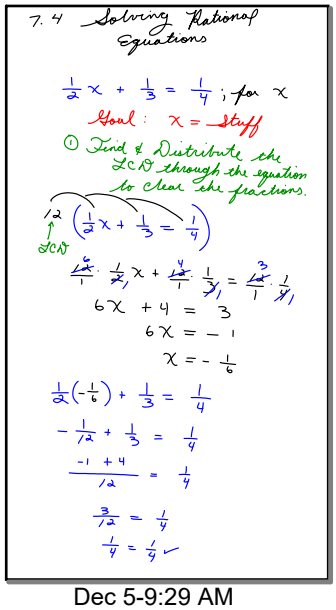
Friday, December 16th

@ 8:00 am!

in 320

* It covers everything

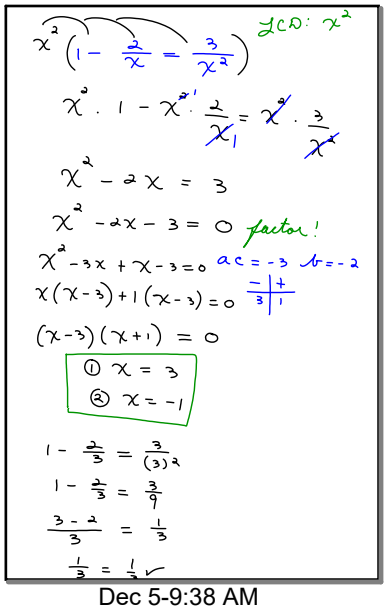
Dec 5-9:22 AM



Dec 5-9:29 AM

$$6 - \frac{22}{x^2} = \frac{29}{x}$$

Dec 5-9:45 AM



Dec 5-9:38 AM