

October 12, 2015

$$\frac{\frac{9}{8} + \frac{2}{x}}{-\frac{5}{x^2}} = \frac{\frac{9x+28}{8x}}{-\frac{5}{x^2}}$$

$\frac{9}{8} \cdot \frac{x}{x}$ $\frac{2}{x} \cdot \frac{x}{x}$

$$= \frac{9x+28}{8x} \cdot \frac{x^2}{-5}$$

$$= \frac{(9x+28)x}{-40} = -\frac{9x^2+28x}{40}$$

$$-\frac{a}{b} = \frac{-a}{b} = \frac{a}{-b}$$

Oct 12-9:11 AM

7 min # 8 - Wednesday

① 5.5 → "More"

② Fractions

Oct 12-9:23 AM

5.5 #1 - #57 odd

Oct 12-9:26 AM

5.6 Polynomial Multiplication

$$(-5x^2)(6x^4)$$

$$(-1)(5) \cdot (x) \cdot (x) \cdot (6) \cdot (x) \cdot (x) \cdot (x) \cdot (x)$$

$$-30 \cdot x^6$$

$$\boxed{-30x^6}$$

Oct 12-9:30 AM

$$(4xy^3 + 2)(-3y^2)$$

$$\boxed{-12xy^5 - 6y^2}$$

$$(1)(y^2) = y^2$$

Oct 12-9:36 AM

$$4x(-5x^2 + 2x - 3)$$

$$\boxed{-20x^3 + 8x^2 - 12x}$$

Oct 12-9:41 AM

$$(x+3)(x-5)$$

$$\textcircled{1} x \cdot (x) = x^2$$

$$\textcircled{2} x \cdot (-5) = -5x$$

$$\textcircled{3} 3 \cdot (x) = 3x$$

$$\textcircled{4} 3 \cdot (-5) = -15$$

*Collect
Like
Terms*

$$x^2 - 2x - 15$$

Oct 12-9:43 AM