Notes #5 - Dividing Polynomials by Monomials

November 3, 2016 8:20 AM

Division with polynomials is usually written as FRACTIONS.

Solve without tiles:

same base subtract exponents 2-1

1. $\frac{15x^2 - 6x}{3x} \Rightarrow \frac{15x^2}{3x} - \frac{6x}{3x}$ ← turns into a 1 ÷ by itself.

$5x - 2$

check: $(3x)(5x-2)$

$15x^2 - 6x$

2. $\frac{-18x^2 + 9x}{-9x} = \frac{-18x^2}{-9x} + \frac{9x}{-9x}$

$2x - 1$

3. $\frac{42y^2 + 28y}{-7y} = \frac{42y^2}{-7y} + \frac{28y}{-7y}$

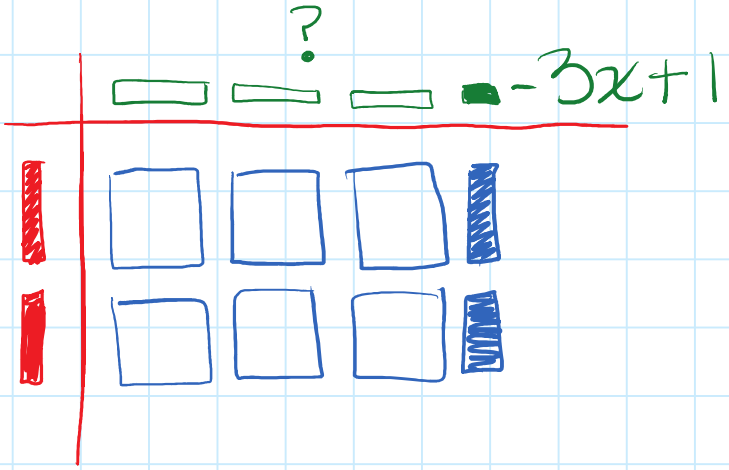
$-6y - 4$

Solve with Tiles. ★draw "denominator" 1st

Solve with Tiles. ★draw "denominator" 1st

★draw in inside★

1. $\frac{-6x^2+2x}{2x}$ ★draw first★



Quiz Adding/Sub 5.3 ws

Mult/Div 7.1 → 7.3 ws

Make and use a 1 page "Cheat Sheet" anything you want. Must be written by you on ONE side

Prize for the best one!