7.3 Dividing Polynomials by Monomials

October 21, 2015 12:10 PM

1 Divide numerical coefficients (every term) 2 Divide like variables

$$0) 6x+3$$

$$= \frac{6\times}{3} + \frac{3}{3}$$

$$=$$
 $2\times +1$

$$=\frac{14w}{-7}-\frac{7}{-7}$$

$$= \left[-2w + 1\right]$$

$$\frac{9\times y - 6x}{-3\times}$$

$$= \frac{9xy - 6x}{-3x} \Rightarrow$$

$$-3y + 2$$

$$\frac{6x^2 - 8x}{2x}$$

$$= \frac{6x^2}{2x} - \frac{8x}{2x}$$

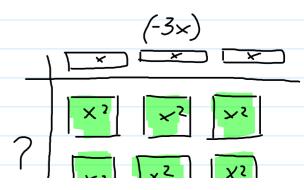
$$=$$
 $3x - 4$

$$=\frac{5\times 4z}{5\times 4}+\frac{10\times 5}{5\times 5}$$

$$= \left[\left[\left[\right] \right] + 2 \right]$$

Using a MODEL

$$\frac{E_{\times} #_2}{-3x}$$



$$= \frac{9x^2}{-3x} - \frac{3x}{-3x}$$

$$= \frac{-3x}{-3x} + 1$$

Ex#3 Division statement and solve

