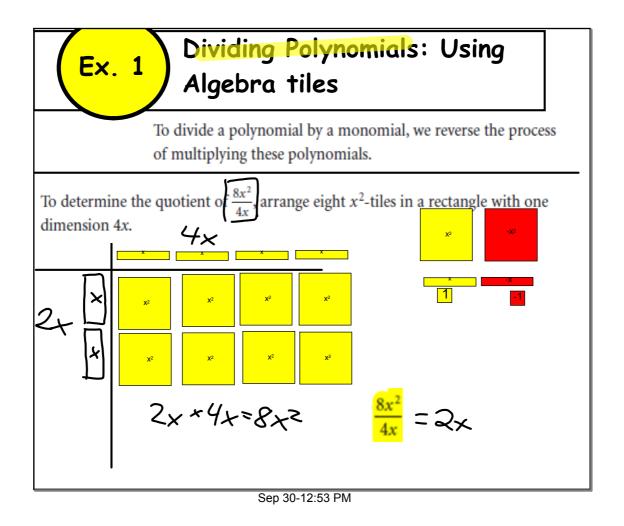


Feb 8-5:24 PM



Ex. 1

Dividing Polynomials: Symbolically

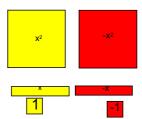
To divide a polynomial by a monomial, we reverse the process of multiplying these polynomials.

Symbolically:

$$\frac{8x^2}{4x} = 2x$$

$$= 2x$$

$$= 2x$$



Sep 30-12:53 PM



Dividing a Polynomial by a Constant

Determine the quotient:

$$-\frac{3m^{2}+15mn-21n^{2}}{-3} = -\frac{3m^{2}+15mn}{-3} - \frac{3m^{2}+15mn}{-3} - \frac{3m^{2}+15mn}{-3}$$

Ex. 3

Dividing a Polynomial by a Monomial

Determine the quotient:

$$\frac{30k^{2}-18k}{-6k} = \frac{30k^{2}}{-6k} - \frac{18k}{-6k}$$

$$= -5k + 3$$

Dec 3-2:16 PM

Ex. 4

An equilateral triangle has a perimeter of $24x^2 - 3x$, what is the length of one side.

$$= \frac{24 \times ^2 - 3 \times}{3}$$

$$= \frac{24 \times ^2 - 3 \times}{3}$$

$$= 8 \times^2 - \times$$