Polynomials 3

Dividing Polynomials

To divide polynomials:

    1) divide the coefficients (divide the numbers)

    2) divide the variables (subtract the exponents)

Examples

Divide each of the following:

a) $\dfrac{-15x^2}{5x}$

b) $\dfrac{8xy}{4x}$

c) $\dfrac{-6x+12}{2}$

d) $\dfrac{12x^2-3x}{3x}$

e) $\dfrac{4x^2y-6x^3y^5}{2xy}$

STOP

Complete the following: **Practice - Polynomials 3**
Check your solutions using the key provided.