14-6 Dividing a Polynomial by a Monomial

Ex. 1: Divide.

A. $\dfrac{x^3}{x^2}$

B. $\dfrac{m^7}{m^{11}}$

C. $\dfrac{ab}{ab}$

Ex. 2: Dividing monomials by monomials.

A. $\dfrac{14x^5}{2x^2}$

B. $\dfrac{6x^9y^3}{4x^6y^2}$

Ex. 3: Dividing polynomials by monomials.

A. $(x^4 + 5x^3 - 7x^2) \div (x^2)$

B. $(8x^8y^2 - x^4y^6 - 4x^3y^9) \div (x^3y)$

C. $\dfrac{81x^3y^2 - 45x^2y - 27y}{9y}$

HW: Worksheet 255, 480