

Polynomials; Mult/Div Monomials

Procedure

1. Use the rules of exponents on each term using the Distributive Property

Perform the indicated operation

1. $4(x + 3)$

2. $-5(2x + 3)$

3. $6x(2x + 4)$

4. $5x^3(3x^2 - 2x + 4)$

5. $-4x^2(3x^2 - 2x - 5)$

6.
$$\frac{8x^2 - 4x + 12}{4}$$

7.
$$\frac{20x^2 - 45x + 15}{5}$$

8.
$$\frac{20x^4 - 45x^3 + 15x^2}{-5x}$$

9.
$$\frac{12x^4 - 18x^3 + 24x^2}{-6x^2}$$

10.
$$\frac{12x^4 - 8x^2}{-6x^2}$$