

6.5 Multiplication with Polynomials

*To multiply a monomial times a polynomial, the _____ property can be used.

Find the products.

a) $-4x(x^2 - 3x + 12)$

b) $(5x^2 + 6x - 1)(-x)$

c) $(-x^2)(x - 3)$

d) $-5a^2b(3a + 2b - 4ab)$

e) $(2x - 4)(5x + 3)$

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

g) $(x - 5)(x + 2)(x - 1)$

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