UNIT 1 • RELATIONSHIPS BETWEEN QUANTITIES AND EXPRESSIONS
Lesson 3: Interpreting Formulas and Expressions

Scaffolded Practice 1.3.3

Example 1

Find the product of $(2x - 1)(x + 18)$.

1. Distribute the first polynomial over the second.

2. Use properties of exponents to simplify any expressions.

3. Simplify any remaining products.

4. Combine any like terms.

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Example 2

Find the product of $(x^3 + 9x)(-x^2 + 11)$.

Example 3

Find the product of $(3x + 4)(x^2 + 6x + 10)$.

Example 4

Find the product of $(x + y + 1)(x^2 + 4y - 5)$.