Instruction

Lesson 1.3.1: Identifying Terms, Factors, and Coefficients

Georgia Standards of Excellence

MGSE9–12.A.SSE.1★

MGSE9–12.A.SSE.1a★

Warm-Up 1.3.1 Debrief

1. How can you write the cost of 2 DVDs as an algebraic expression?

   The cost of 2 DVDs can be written as an expression of multiplication, $2d$.

2. How can you write the cost of 2 DVDs and 3 CDs as an algebraic expression?

   The cost of 2 DVDs and 3 CDs can be written as the expression $2d + 3c$.

3. How can you write the cost of 2 DVDs and 3 CDs, increased by $5.60 for taxes, as an algebraic expression?

   "Increased by $5.60 for taxes" means "to add 5.60" to the expression $2d + 3c$ in order to represent the total cost of the DVDs and CDs including taxes.

   Therefore, $2d + 3c + 5.60$ represents the cost of 2 DVDs and 3 CDs increased by $5.60.

Connection to the Lesson

- Students will identify parts of algebraic expressions.

- Students will translate verbal scenarios into algebraic expressions, then identify the parts of the expressions.