UNIT 1 • RELATIONSHIPS BETWEEN QUANTITIES AND EXPRESSIONS

## Lesson 3: Interpreting Formulas and Expressions

## Lesson 1.3.1: Identifying Terms, Factors, and Coefficients

## Warm-Up 1.3.1

Ella purchased 2 DVDs and 3 CDs from Tyler's Electronics at the prices listed in the given table. After taxes, her total cost increased by $\$ 5.60$. Use this information and the table to complete each problem.

| Item | Cost (\$) |
| :---: | :---: |
| CD | $c$ |
| DVD | $d$ |

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