

**Lesson Summary**

**AN EXPRESSION IN EXPANDED FORM:** An expression that is written as sums (and/or differences) of products whose factors are numbers, variables, or variables raised to whole number powers is said to be in *expanded form*. A single number, variable, or a single product of numbers and/or variables is also considered to be in expanded form.

**Problem Set**

1. Rewrite the expression in standard form (use the fewest number of symbols and characters possible).
  - a.  $5 \cdot y$
  - b.  $7 \cdot d \cdot e$
  - c.  $5 \cdot 2 \cdot 2 \cdot y \cdot z$
  - d.  $3 \cdot 3 \cdot 2 \cdot 5 \cdot d$
2. Write the following expressions in expanded form.
  - a.  $3g$
  - b.  $11mp$
  - c.  $20yz$
  - d.  $15abc$
3. Find the product.
  - a.  $5d \cdot 7g$
  - b.  $12ab \cdot 3cd$