Name Date

Enrichment and Extension

3.2

Using the Distributive Property

When working with algebraic expressions and the Distributive Property, the exponents of the variables are added.

**Example:** Simplify 

Distribute *x* to each term inside the parentheses. rewritten as  Then, multiply the coefficients.



Simplify the expression.

 1.  2. 

 3.  4. 

 5.  6. 

 7.  8. 

 9.  10. 

 11.  12. 

 13.  14. 

 15.  16. 