**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**LESSON .6.1**

**Practice B**

*For use with pages 414-419*

**Rewrite the expression using rational exponent notation.**

     

**Rewrite the expression using radical notation.**

    

**Evaluate the expression without using a calculator.**

   

**Evaluate the expression using a calculator. Round the result to two decimal places when appropriate.**

     

**Solve the equation. Round the result to two decimal places when appropriate.**

*x*3 + 17 = 132 2*x*5 + 73 = 53 (*x* + 3)4 = 362

**LESSON 6.2** *For use with pages 420-427*

**Simplify the expression using the properties of radicals and rational exponents.**



**Simplify the expression, all exponents must be positive.. Assume all variables are positive**





**Perform the indicated operation. Assume all variables are positive.**

