Math II Rational Exponents Homework

NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_PERIOD\_\_\_\_\_\_\_\_\_\_\_\_\_DATE\_\_\_\_\_\_\_\_\_\_

**Simplify without a calculator. Write in radical form, then simplify.**

1. \_\_\_\_\_\_\_\_\_ 2.  \_\_\_\_\_\_\_\_\_

**Change the exponential form to radical form.**

3.  \_\_\_\_\_\_\_\_\_

**Change the radical form to exponential form.**

4. \_\_\_\_\_\_\_\_\_\_

**Simplify using properties of exponents. Leave answers with rational exponents.**

5. = \_\_\_\_\_\_\_\_\_\_ 6. = \_\_\_\_\_\_\_\_\_\_

7. = \_\_\_\_\_\_\_\_\_ 8. = \_\_\_\_\_\_\_

9. = \_\_\_\_\_\_\_\_\_ 10. = \_\_\_\_\_\_\_\_\_