**Topic: Exponent Properties** Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Properties of Exponents***:**

*Additional Rules (for all exponents)*:

**Rule #6 (for a zero exponent):** R**ule #7 (for a negative exponent):**

Note: Simplifying an expression using the properties of exponents means rewriting it WITHOUT

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or any \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.



Extra Practice:

Directions: Simplify each expression fully using the rules of exponents.

Extra Practice: Exponent Rules

Directions: Simplify each expression fully using the rules of exponents.



Homework: Exponent Rules

Directions: Simplify each expression fully using the rules of exponents.

