**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per.\_\_\_\_\_\_\_ Score:\_\_\_\_\_**

**U11 HW #5** *Power Rule with Exponents (in Parenthesis)*

1. Write each expression in expanded form. Then write the simplified expression in exponential form.

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| --- | --- | --- |
| Expression | Expanded Form | Exponential Form |
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1. **Directions:** Complete each exponent property by filling in the space using letters to represent the rules algebraically.

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1. Mixed Review: Simplify each term. Write your answers in positive exponential terms only.

Show ALL steps!!!

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1. What is the area of a rectangle with a length of units and a width of units?

Hint: Draw a picture.