Name	
Class Period	

Power to Power Homework

Directions: For #1-3, circle your choice.

- 1. Which choice shows (2²)⁻² in exponential form?
- a. 2° b. 24 c. 2-4 d. 1/16
- 2. Which choice shows $(11^6)^2$ in exponential form?
- a. 226 b. 1112 c. 118 d. 114
- 3. Which choice shows (3²)⁴ in standard form?
- a. 9 b. 18 c. 243 d. 6561

Directions: Simplify each expression.

- 4. (ht)8
- 5. ((a²)²)²
- 6. (3d4f2)3
- 7. (2s7u6)4
- 8. (k5j4)3

- 4.____
- 5._____
- 6.
- 7._____
- 8.____

Directions: Use <, >, or = to complete each statement.