Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Solving Exponential Equations & Inequalities NOTES**

**Solving Exponential Equations**

**Step 1 –** Isolate the base

**Step 2 –** Write both sides of the equation as exponential expressions with LIKE bases

**Step 3 –** Set the EXPONENTS equal to each other (or use the same inequality)

**Step 4 –** Solve for the unknown

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 