**Finding the Inverse of Exponential and Logarithmic Functions \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

***Finding the Inverse of Logarithms and Exponential Equations***

* Just like when finding the inverse of any type of equation, change the to a \_\_\_\_\_\_\_\_\_\_\_\_
* Switch the \_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_
* Remove any coefficient or constants so that the logarithm is in the form \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or the exponential equation is in the form \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* The inverse of a logarithmic function should always be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and the inverse of an exponential function should always be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **What is the inverse of**
2. **What is the inverse of ?**
3. **Find for**
4. **Find the inverse of**
5. **Given what is**
6. **What is for**
7. **What is the inverse of**
8. **What is the inverse of**
9. **Find the inverse of**
10. **What is for ?**