Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Due:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Activity 10-2**

1. \_\_\_\_\_ Independence

\_\_\_\_\_ Appropriate measurement of the IV and DV

\_\_\_\_\_ Normality

\_\_\_\_\_ Homogeneity of variance

1. Null (H0) = \_\_\_\_\_ ; Research (H1) = \_\_\_\_\_
2. \_\_\_\_\_\_\_
3. \_\_\_\_\_
5. \_\_\_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
12. Those given the 800 anchor gave estimates of the length of the Nile that were significantly lower (*M* = \_\_\_\_\_\_\_\_, *SD* = \_\_\_\_\_\_\_\_) than those given the 3,000 anchor (*M* = \_\_\_\_\_\_\_\_, *SD* = \_\_\_\_\_\_\_\_), *t* (\_\_\_\_\_\_\_\_) = \_\_\_\_\_\_\_\_, *p* = \_\_\_\_\_\_\_\_ (two-tailed), *d* = \_\_\_\_\_\_\_\_\_.
13. Null (H0) = \_\_\_\_\_

Research (H1) = \_\_\_\_\_

1. Yes No
2. \_\_\_\_\_
3. Yes No
4. \_\_\_\_\_ Independence

\_\_\_\_\_ Appropriate measurement of IV

and DV

\_\_\_\_\_ Normality

\_\_\_\_\_ Homogeneity of variance

1. Null (H0) = \_\_\_\_\_

Research (H1) = \_\_\_\_\_

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_