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

**Activity 10-5**

1. \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_
2. \_\_\_\_\_ \_\_\_\_\_
3. \_\_\_\_\_
4. Null (H0) =\_\_\_\_\_ , Research (H1) =\_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
9. The point estimate is = \_\_\_\_\_\_\_\_\_

The critical t value is = \_\_\_\_\_\_\_\_\_

The SEM is = \_\_\_\_\_\_\_\_\_

The UB = \_\_\_\_\_\_\_\_\_

The LB = \_\_\_\_\_\_\_\_\_

1. Women point estimate = \_\_\_\_\_\_\_\_ Men point estimate = \_\_\_\_\_\_\_\_

Women SD = \_\_\_\_\_\_\_\_ Men SD = \_\_\_\_\_\_\_\_

Women N = \_\_\_\_\_\_\_\_ Men N = \_\_\_\_\_\_\_\_

Women SEM = \_\_\_\_\_\_\_\_ Men SEM = \_\_\_\_\_\_\_\_

Women UB = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Men UB = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Women LB = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Men LB = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. The mean anxiety level for women (*M* = 8.38, *SD* = 1.85), 95% CI [\_\_\_\_\_\_\_, \_\_\_\_\_\_\_] was not significantly different from that for men (*M* = 7.88, *SD* = 1.64), CI [ \_\_\_\_\_\_\_, \_\_\_\_\_\_\_ ], *t* (\_\_\_\_) = \_\_\_\_\_\_, *p* < .05, *d* = \_\_\_\_\_, CI [ \_\_\_\_\_\_\_, \_\_\_\_\_\_\_].
2. \_\_\_\_\_
3. The participants who used a cell phone before bed \_\_(did / did not)\_\_\_ sleep significantly less (*M* = \_\_\_\_, *SD* = \_\_\_\_), *95% CI* [\_\_\_\_,\_\_\_\_] than participants who did not use a cell phone before bed (*M* = \_\_\_\_, *SD* = \_\_\_\_), *CI* [\_\_\_\_,\_\_\_\_], *t* (\_\_\_\_) = \_\_\_\_, *p* = \_\_\_\_ (one-tailed), *d* = \_\_\_\_, *CI* [\_\_\_\_,\_\_\_\_].
4. \_\_\_\_\_
5. \_\_\_\_\_ Confidence intervals provide . . .

\_\_\_\_\_ Significance tests provide . . .

\_\_\_\_\_ Effect sizes provide . . .