

Name _____ Date _____ Per _____

Remaining Guided Reading Questions for Packet #8:

12) The P-value relates to the probability of the _____ given that the _____ is true; it is not the probability of the null hypotheses being true.

13) Copy the decision/truth table on pg 364.

14) We _____ a null hypothesis; we either do or do not have evidence to reject it.

15) To do a hypothesis test for a difference between two proportions the samples must be taken _____ of each other.

16) When the data comes in pairs you _____ use a two-sample t-test.

17) The book divides PHANTOMS into 5 steps: _____ 1: Name the _____ 2: State the _____

_____ 3: Check the _____ 4: Perform the _____

and _____ 5: Give a _____ in _____.

Please label each of these steps with their corresponding components in PHANTOMS (you will need multiple letters on both steps.)

18) Define P-value:

Type I error:

Type II error:

Power