

Name that test  
Set A

1a) Important question!

1b) Do it all. But don't worry about the formula. Just get the p-value from your calculator.

2a) Do all steps!

4) Just write  $H_0/H_a$ . Be thorough. And careful.

4b) Why does the problem use the phrasing "...similar to the volunteers?". Describe the reason why this kind of wording is important.

6) Do this problem. But take note! You need your calculator very little. Look very carefully at what is given and use your calculator as little as possible!

7) Get the p-value and write the conclusion.

8) Do the whole problem. Note that you can find the interval without pressing the t-interval button. Try to do it that way.

8c) Assuming your answer to part a) is the correct probability, if a scientist picked a random sample of 5 crows, what are the chances that at least one of them would be classified unhealthy?

10a) is in your review book, page 100. Do it.

10b) should be done on your calculator. Interpret the interval.

10-extra: Does your interval give statistically convincing evidence that the proportion of the population who would survive at least 15 years if given treatment A is greater than the proportion of the population who would survive at least 15 years if given treatment B?