

## Section 10.2 HW Guide

#1-3: Standard hypothesis tests for a population proportion  $p$

#4 begins with an interpretation of a P-value. A P-value tells us the probability of getting a sample like ours if  $H_0$  is really true.

#5-9: More hypothesis tests for  $p$ .

For number 9, you have to load the data in StatCrunch and use Stat > Proportions stats > One sample > With data (instead of With summary). In the box labeled Success type the name of the data value that is referenced in the null hypothesis (like Liberal).