Hypothesis, Prediction, and Procedure

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| **Hypothesis**: I predict that females would be better able to handle stressful conditions.  **Prediction**: If males and females are put in similar situations, than the females will  be more successful in handling stressful conditions.  **Procedure**  1. Begin by writing out your survey. Include questions that will help focus on the  topic you are interested in. Be sure that your questions are clear, so that people  will not be confused on the meaning of it.  2. Then you need to get a sample from the population on which you are going to  conduct the survey on. There are many ways to do this.  a) Get a Simple Random Sample, where everyone has an equal amount  chance to be picked in the survey. This shows you the true population  proportions.  b) Take a convenience sample, where you find anyone you can to conduct  the survey. Although this is less accurate, if the sample size is big enough  then it should not matter.  3. Conduct the survey on your sample.  4. Analyze your data.  a) Depending on what you're looking for, there are different ways to  analyze it.  1) Compare the responses on each questions between the genders.  or  2) Have a point system in which you can determine the stress level  of each individual.  (this is a way of comparing each individual with the group)  b) If statistical programs are available or you are familiar with the equations,  you should try to see if there is a significant difference between the  genders. |