Differentiation Project

1. Describe your experiment
2. State your $H_0$ – null and $H_\alpha$ - alternative hypotheses.
   a. $H_0$
   b. $H_\alpha$
3. How many trials are you going to select for your experiment?
   a. Show the math for your theoretical analysis
   b. Show a Core Tools graph to corroborate your analysis
4. State the criteria for determination.
   If the individual gets n to m right, I can not reject the null hypothesis.
   If the individual gets a,b,c … right, I can reject the null hypothesis and
   then the alternative hypothesis must be true.
5. Present your findings from at least 20 individuals.
6. Conclusion
   X% can differentiate
   Y% can not differentiate
   There for …. Your conclusion about your experiment.