

Name: \_\_\_\_\_

Course & Section: \_\_\_\_\_

*Electronic copies of this homework are located in D2L.*

## **Helper-Hinderer**

### **Part 1**

Watch the Video: [Helper-Hinderer Part 1](https://www.youtube.com/watch?v=FzD1yhGVGbc) (https://www.youtube.com/watch?v=FzD1yhGVGbc)

1. What is the population of interest?
  - a. All 10 month old babies
  - b. The 16 babies that were tested
  - c. Babies who selected the "helper" toy
2. What is the sample?
  - a. All 10-month old babies
  - b. The 16 babies that were tested
  - c. Babies who preferred the "helper" toy
3. Was the sample likely to be representative of the population of interest?
  - a. Yes
  - b. No

### **Part 2**

Watch the Video: [Helper-Hinderer Part 2](https://www.youtube.com/watch?v=7Ibw_MGyiWY) (https://www.youtube.com/watch?v=7Ibw\_MGyiWY)

1. What type of data was collected?
  - a. Categorical/Qualitative
  - b. Numerical/Quantitative
2. What is the parameter of interest?
  - a. Proportion of babies in this sample who choose the helper toy
  - b. Proportion of babies in the population who would choose the helper toy
3. What statistic would they use to approximate that parameter?
  - a. Proportion of babies in this sample who choose the helper toy
  - b. Proportion of babies in the population who would choose the helper toy

### **Part 3**

Watch the Video: [Helper- Hinderer Part 3](https://www.youtube.com/watch?v=kCvka5Y-Ya8) (https://www.youtube.com/watch?v=kCvka5Y-Ya8)