Practice worksheet | Sampling and confidence intervals

Population/sample proportions

Name: _____ Date: _____

6 questions | 12 marks

1. Find the sample proportion for 84 successes among 140. [2 marks]

2. Find the success count for $n = 250$ and sample proportion 0.36. [2 marks]

3. A report writes $p = 0.42$ because 84 of 200 sampled people said yes. Correct the notation. [2 marks]

4. Of 180 selected people, 120 respond and 72 say yes. Give the respondent estimate. [2 marks]

5. Why might 20 responses from one household not be independent observations of community preference? [2 marks]

6. Why should a success rule not be changed after inspecting results? [2 marks]