In the mid-1980s sociologist Shere Hite undertook a study of women’s attitudes toward relationships, love, and sex by distributing 100,000 questionnaires through women’s groups. Of the 4500 women who returned the questionnaires, 96% said that they give more emotional support than they receive from their husbands or boyfriends. Around the same time, an ABC News/Washington Post poll surveyed a national random sample of 767 women, finding that 44% claimed to give more emotional support than they receive.

1. Identify the population of interest in these studies. (*Hint:* The population is all …)

2. Identify (in words) the parameter of interest for both polls.

3. With each poll, determine the margin-of-error for a 95% confidence interval for the parameter. Show how to calculate these by hand.

4. Which poll has the smaller margin-of-error? Explain why this poll has the smaller M-of-E.

5. Which poll’s results do you think are more representative of the truth about the population? Explain.