Recall the study finding that of the 10 most recent heart transplant operations at St. George’s Hospital, 8 patients had died within 30 days of the operation.

1. Using the .05 criterion, use the One-Proportion Inference applet to determine an interval of plausible values for the relevant parameter. Use three decimal places for the endpoints of your interval.

2. Interpret this interval: You can be 95% confident that …

Also recall that of the previous 361 heart transplant operations, 71 patients had died with 30 days.

3. Using the .05 criterion, use the One-Proportion Inference applet to determine an interval of plausible values for the relevant parameter. Again use three decimal places for the endpoints of your interval.

4. How does the *location* of this interval compare to the location of the interval in #1? Explain why this makes sense.

5. How does *width* of this interval compare to the width of the interval in #1? Explain why this makes sense.