Appendix 6.1  Generating Random Numbers Using Excel

To create 100 random numbers between 1 and 2136.

- Type the cell formula
  \[ =	ext{RANDBETWEEN}(1,2136) \]
  into cell A1 of the Excel worksheet and press the enter key. This will generate a random integer between 1 and 2136, which will be placed in cell A1.

- Using the mouse, copy the cell formula for cell A1 down through cell A100. This will generate 100 random numbers between 1 and 2136 in cells A1 through A100 (note that the random number in cell A1 will change when this is done—this is not a problem).

- The random numbers are generated with replacement. Repeated numbers would be skipped if the random numbers are being used to sample without replacement.