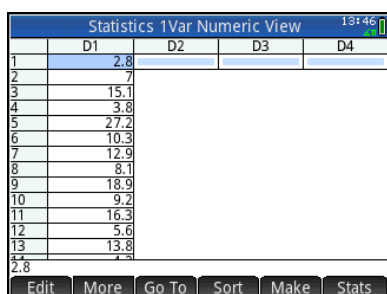# TECHNOLOGY CORNER for Section 1.2, Page 36

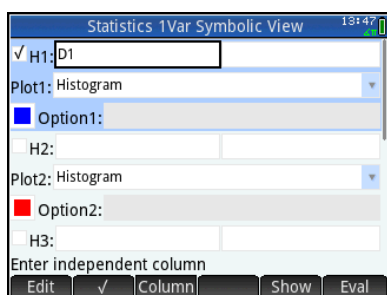## 2. Histograms on HP Prime

1. Enter the data for the percent of state residents born outside the United States in Numeric view of the Statistics 1Var app. The data can be found on Page 35.
   - Press [Apps Info] and tap the **Statistics 1Var** app icon
   - Type the values into list D1

2. Set up a histogram in Symbolic view of the app
   - Press [Symb Setup] to open Symbolic view; press [Shift] [Esc Clear] (Clear) to return the view to its default settings. By default, H1 is already set to create a histogram based on the data in list D1.
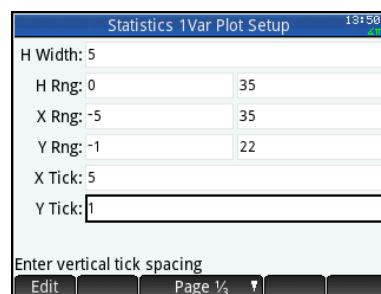
3. Plot the histogram in Plot view of the app.
   - Press [View Copy] and tap `Autoscale`
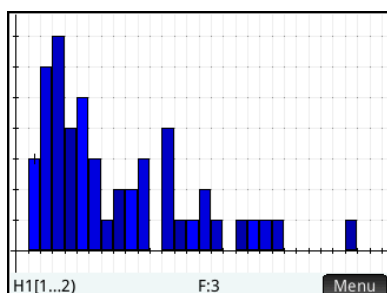
4. Change the size of each class using *H Width* in Plot Setup.
   - Press [Shift] [Plot Setup] to enter Plot Setup.
   - Change **H Width** to 5 and **X Tick** to 5
   - Change the **X Rng** and **Y Rng** values as shown in the figure below

   - Press [Plot Setup] to return to the histogram
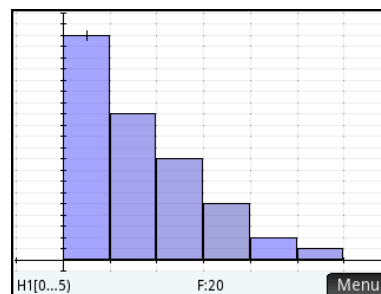
   - Tap anywhere on the display to move the tracer (or use ▶ and ◀)

5. To match Figure 1.17 in the textbook, just change **H Width** to 2.5.