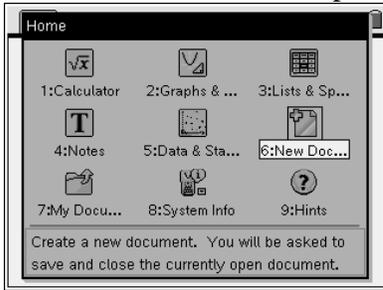
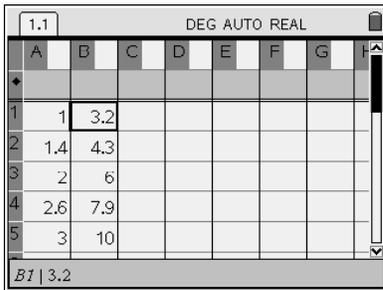


Materials Needed: TI-Nspire; circular objects; measuring tape

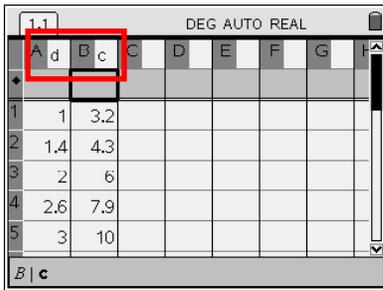


Open TI-Nspire
New Document
3: Lists & Spreadsheets

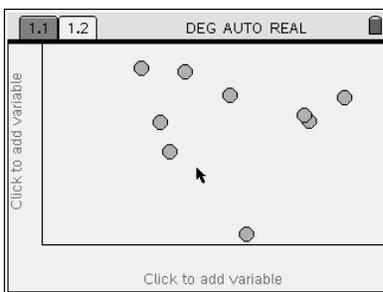
Use a tape measure to find the diameter and circumference of several circular objects [minimum 6 objects, but more is better]



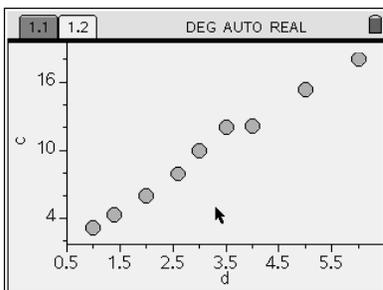
Enter the diameters and circumferences into the spreadsheet.



In the white space to the right of A, type “d” and to the right of B, type “c” for diameter and circumference.



Hit the home (🏠) button and add a “data and stats” page
Click (📊) to add the variable “d” on the horizontal axis
And click (📊) to add the variable “c” on the vertical axis



Hit menu (☰), then Actions to add a regression line.

What is the significance of the slope?