How to Draw a Circle Graph*

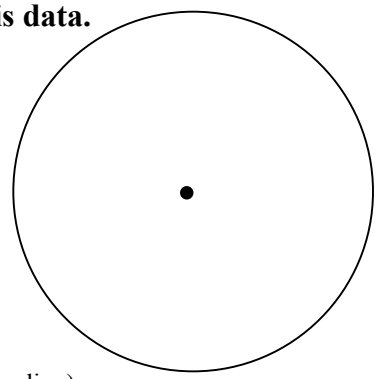
To draw a circle graph:

a. Calculate each part of the data as a percent of the total.
b. Multiply each percent by the 360° found in a circle, this will tell you how many degrees to make each section of the circle graph.
c. Create each section of the correct degrees, making sure the vertex is at the circle's center.

Try it here.

Kevin, Susan and Darnell ran for seventh grade class president. The election results are shown in the table below. Create a circle graph of this data.

Name	Number of Votes	Percent of Total Vote
Kevin	10	%
Susan	16	%
Darnell	14	%
TOTAL	**40**	**100%**

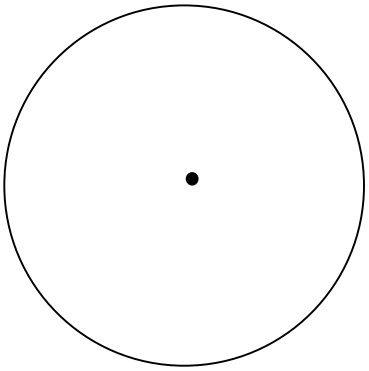


Fill in the percent column. (The column should total 100% ± 2% for rounding).

Use a protractor to create all three sections in the circle. Begin by drawing an anchoring radius. Create the first section. Then, beginning on the newly created second side of that section, measure the degrees of the second section. The third section is the remaining space.

Evan, Luis, and Carmen drove from Denver to Kansas City. They shared the driving. The number of hours each one drove is shown in the table below. Create a circle graph of this data.

Name	Number of Hours	Percent of Total Time
Evan	3	%
Luis	6	%
Carmen	3.5	%
TOTAL	**12.5**	**100%**



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** adapted from Everyday Mathematics, Journal 1, journal activity*