

Pie Chart - Helpful Reminder

- 1 Draw a circle with a compass.
- 2 Give your pie chart a title ("Total Points Scored 2003-2004").
- 3 Mark the center with a point; this is where each pie "slice" or wedge, will start.
- 4 Measure a wedge for each level of the independent variable (free throws, field goals, 3-pointers). First, convert your data from percentages to angle degrees.

EXAMPLE: If 3-pointers take up 40% of the total points, the pie wedge for 3 pointers would be 40% of the 360[degrees] circle, or 144[degrees] ($360 \times .4 = 144$). Position a protractor at the center point of the circle. Mark 0[degrees] and 144[degrees] angles with points on the edge of the circle. Draw a line from these points to the center of the circle.

- 5 Label the wedge (include its percentage).
- 6 Measure your next wedge from the edge of the first. When finished, the entire circle should be filled and add up to 360[degrees].