

Statistical Reasoning
2.1 Guided Notes

Name: _____

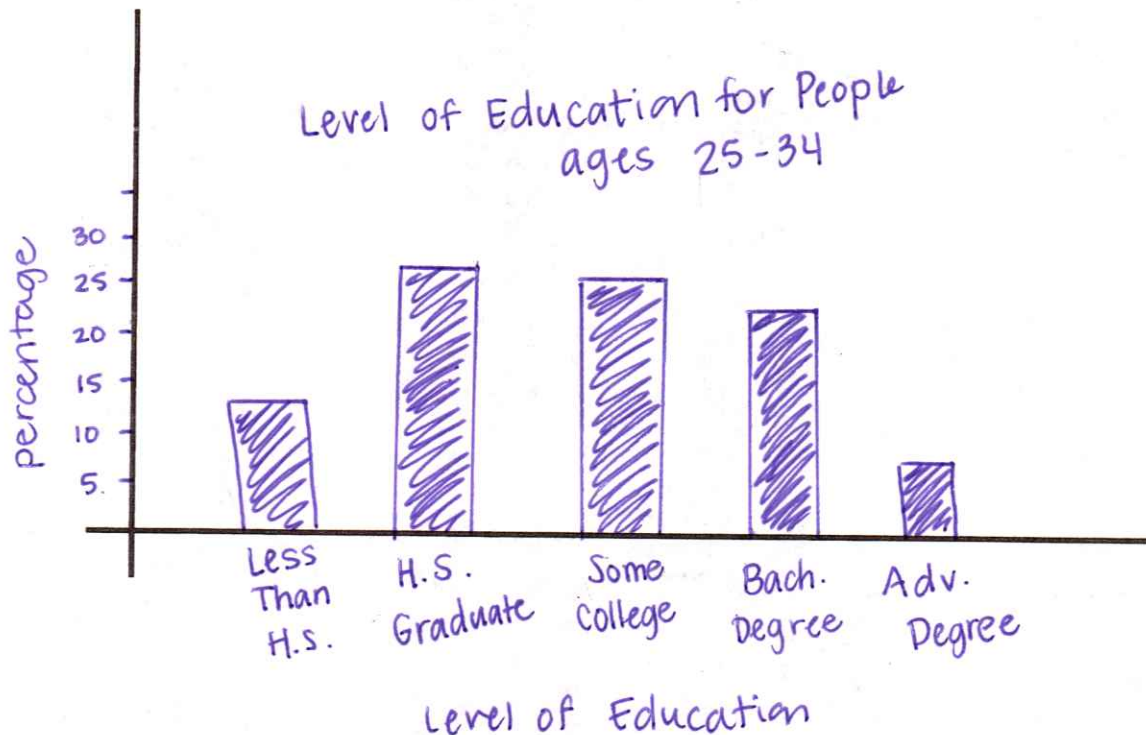
Below is a table representing a survey given in 2007 to people ages 25-34 about their level of education.

Level of Education	Number of Persons (Thousands)	Percent
Less than high school	5,126	12.9%
High school graduate	11,408	28.6%
Some college	10,961	27.5%
Bachelor's degree	9,076	22.8%
Advanced degree	3,299	8.3%
Total	39,870	

Begin by finding the total number of people surveyed and then the percent of each level of education. Round your percents to the nearest tenth.

Creating a bar graph:

- On the x-axis: the variable that the data is about
- On the y-axis: percentage



Creating a pie chart:

We are going to add a column to our table from earlier – the angle of each piece of the pie chart (also known as the sector).

Level of Education	Number of Persons (Thousands)	Percent	Angle
Less than high school	5,126	12.9% .129	46°
High school graduate	11,408	28.6%	103°
Some college	10,961	27.5%	99°
Bachelor's degree	9,076	22.8%	82°
Advanced degree	3,299	8.3%	30°
Total	39,870	100.1%	360°

