Bar Graph Practice

Directions: Answer the following questions fully to show your understand of how to make and read a bar graph.

	9 books	17books	28 books	38 books	42 books	51 books	66 books
Trail 1	9.5	7.7	6.5	5	4.7	3.4	2.1
Trial 2	9	7.6	6.6	5.4	4.7	3.1	2.7
Trial 3	8.9	7.5	6.1	5.1	4.6	3.7	2.6
Trial 4	8.7		6.4	6.1	5.1		2.5
Average Time							
Speed							

Set Up
1. Find the averages for the table above
2. Find the speed for the data above if the distance traveled in the lab was 3.5 meters

Graph
- Title the graph "Books vs. speed"
- Title the X axis "angle of ramp"
- Title the Y axis " speed of car"
- Number the Y-axis intervals going up by .1 starting at 0. (HINT: the top line will be 2.0 if done correctly)
- Plot the SPEEDS that you calculated on the graph.

Analyzing the Data
1. What angle had the greatest speed? _____
2. What angle had the lowest speed? _____