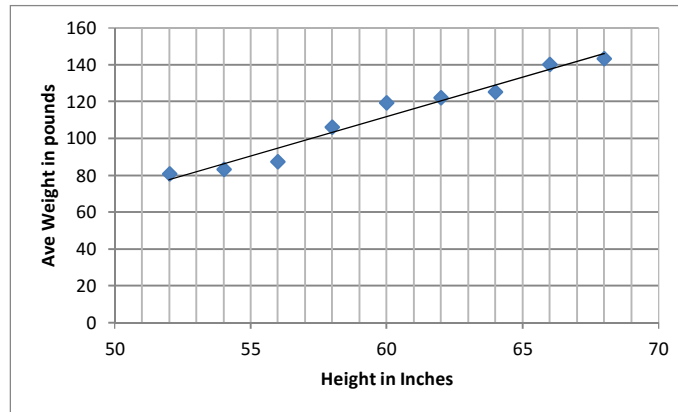


Scatter Plots

1. Create a Scatter Plot of the data in this table.

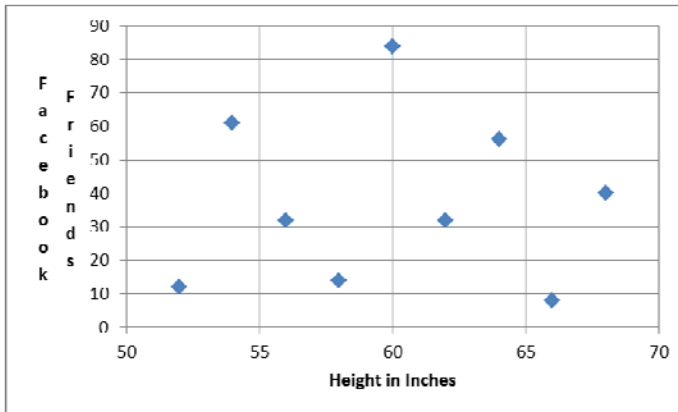
8th Graders	
Height in Inches	Ave. Weight in Pounds
52	81
54	83
56	87
58	106
60	119
62	122
64	125
66	140
68	143



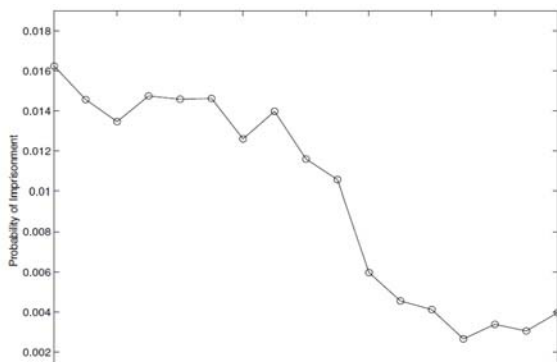
2. What type of correlation does the Scatter Plot in #1. show? positive correlation
3. Is there a causal relationship? Which Variable causes the other to vary?
Changes in height affect weight

4. Create a Scatter Plot of the data in this table.

8th Graders	
Height in Inches	Ave. Facebook Friends
52	12
54	61
56	32
58	14
60	84
62	32
64	56
66	8
68	40



5. What type of correlation does the Scatter Plot in #5. show? no correlation
6. What type of correlation is shown in the scatter plot below? Negative Correlation
7. In your own words, describe what the scatter plot shows us.



The more years of schooling an individual has, the lower the probability of Imprisonment.