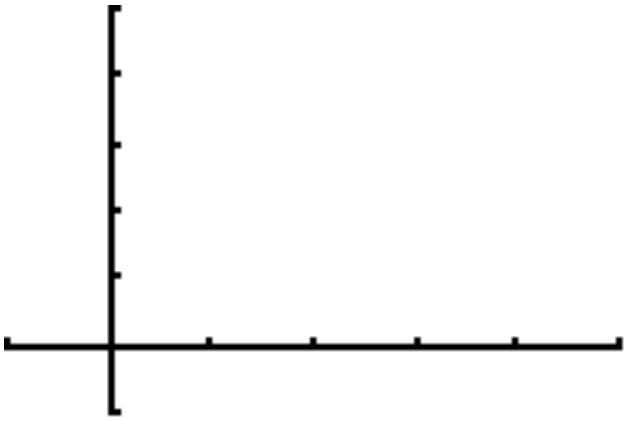
Is There an Association Between Spaces From Go and Property Cost?

Property	Spaces from GO	Cost
Mediterranean Avenue	1	60
Baltic Avenue	3	60
Reading Railroad	5	200
Oriental Avenue	6	100
Vermont Avenue	8	100
Connecticut Avenue	9	120
St. Charles Place	11	140
Electric Company	12	150
States Avenue	13	140
Virginia Avenue	14	160
Penn Railroad	15	200
St. James Place	16	180
Tennessee Avenue	18	180
New York Avenue	19	200
Kentucky Avenue	21	220
Indiana Avenue	23	220
Illinois Avenue	24	240
B & O Railroad	25	200
Atlantic Avenue	26	260
Ventnor Avenue	27	260
Water Works	28	150
Marvin Gardens	29	280
Pacific Avenue	31	300
North Carolina Avenue	32	300
Pennsylvania Avenue	34	320
Short Line Railroad	35	200
Park Place	37	350
Boardwalk	39	400

1. Draw a scatterplot of (Spaces From Go, Cost).



2. Does there appear to be an association between the two variables? If so, what type? Is the relationship linear?

3. Find the Least-Squares Regression Line: $y = a + bx$

4. What does b represent? What does a represent?

5. Are there any unusual points? What are they?

6. Predict the cost of a "new" property that is 50 spaces from Go.