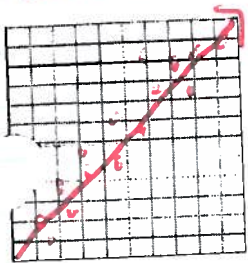


Making Predictions

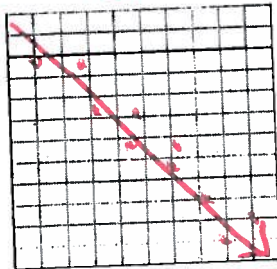
Correlations or Trends:

When we look at a graph, we may notice a trend or a certain direction it is moving in. There are two types of trends or correlations: Positive and Negative.

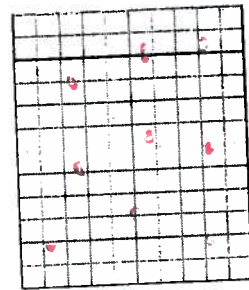
This would be an example of a Positive correlation.



This would be an example of a Negative correlation.



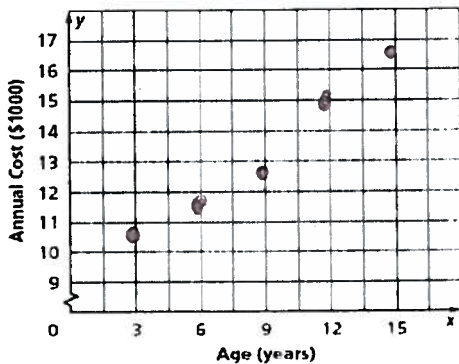
This would be an example of NO correlation or trend.



Scatter Plots!

Positive Trend

Cost of Raising a Child Born in 2003					
Child's Age	3	6	9	12	15
Annual Cost (\$)	10,700	11,700	12,600	15,000	16,700



What would you predict will happen at age 16?

≈ 17.7

Why? gradual upward trend.

(gas, car, insurance, food)