Correlation Coefficient

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A statistic (number) that quantifies how good of a fit an equation is for a set of data.

1. Make a scatter plot of this data, find the regression equation, and graph this equation along with the scatter plot.



Set up the calculator to give

2nd

0

Arrow key down until you find

▶DiagnosticOn



Now when you find a regression equation the calculator will give you the correlation coefficient too.

2. Make a scatter plot of this data, find the regression equation, and graph this equation along with the scatter plot.





3. Make a scatter plot of this data, find the regression equation,