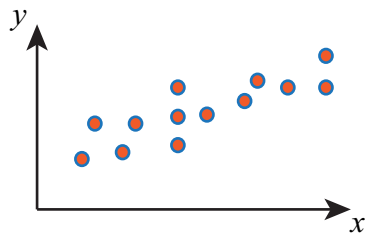


Histograms, Scatter Plots, and Best Fit Lines Worksheet

Or You Can Pick up a Pair of Relaxed Fit Lines

1. Build a stem and leaf plot for the list: 32, 44, 38, 39, 46, 50. earns \$40K, John earns \$22K, and Susan earns \$65K.
2. Build a stem and leaf plot for the list: 0.4, 0.5, 1.3, 1.6, 2.5, 3.1.
3. Draw a bar graph that represents 50 Google users and 20 Bing users.
4. Draw a bar graph for the salaries of the following college graduates: Jim
5. Draw a pie chart that shows a distribution of 5 apples, 8 bananas, 3 pears, and 6 peaches in a fruit basket.
6. Draw a pie chart that shows the distribution of cars in the parking lot: 20 Ford, 15 Acura, 4 Lexus, 7 BMW, and 8 Honda.

7. Draw the best line of fit for the following scatter plot.



8. The more Angela works out, the lower her heart rate goes. Which type of correlation does this show?
9. The more TV Angela watches, the more Twinkies she eats. Which type of correlation does this show?
10. What is the correlation between a student's hair color and his or her GPA?