1. The high temperature for the next 3 days, is supposed to be 99, 100, and 103.

   (a) Find the mean.


   (b) Find the standard deviation.


2. Guess the correlation for each of the scatterplots below.
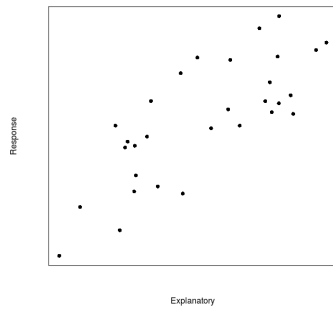
   Figure 1: r =                                    Figure 2: r =
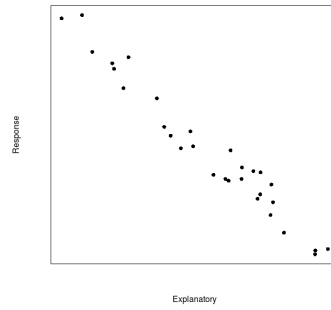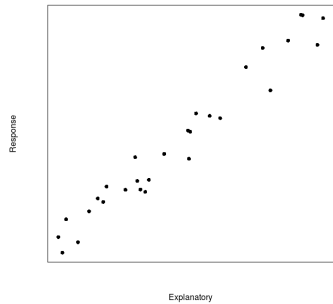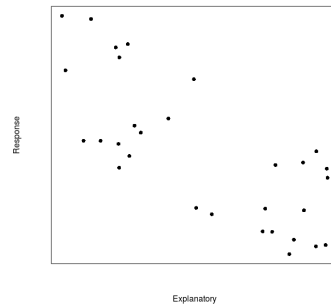


   Figure 3: r =                                    Figure 4: r =



3. Answer the following questions about correlation:

   (a) What possible values can Correlation take?

   (b) Why can't I use Correlation to describe the relationship between color of shirt and number of bee's attracted?


   (c) *Bonus:* What value(s) can Correlation take if I only have a sample size of 2?