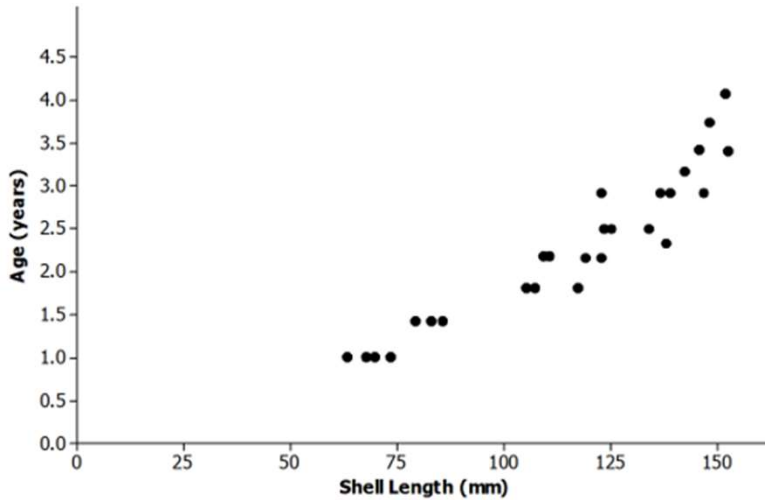
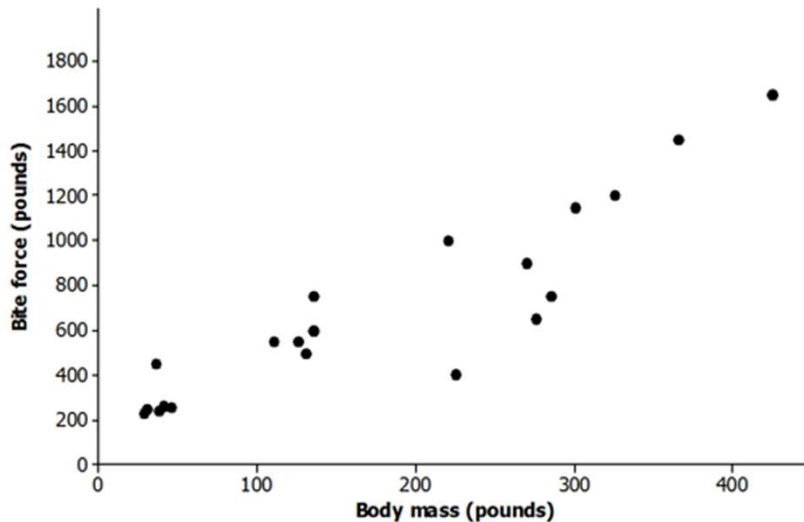


Scatter Plots

1. Shown below is a scatter plot of data on shell length in millimeters (x) and age in years (y) for 27 lobsters of known age. Write a few sentences describing any possible relationship between x and y .



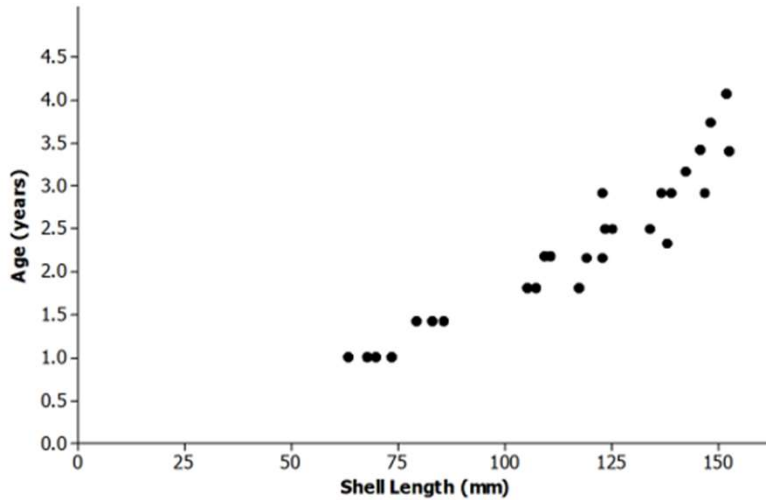
2. Shown below is a scatter plot of data from crocodiles on body mass in pounds (x) and bite force in pounds (y). Write a few sentences describing any possible relationship between x and y .



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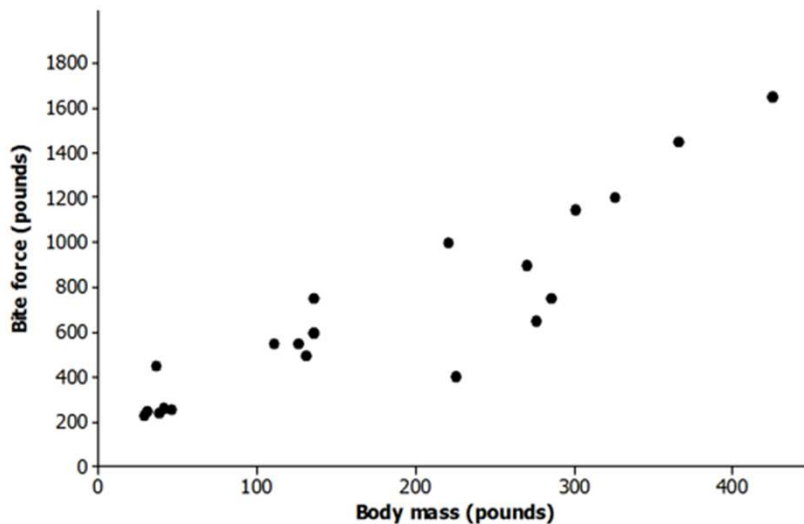
Scatter Plots

1. Shown below is a scatter plot of data on shell length in millimeters (x) and age in years (y) for 27 lobsters of known age. Write a few sentences describing any possible relationship between x and y



Possible response: There appears to be a relationship between shell length and age, but the pattern in the scatter plot is curved rather than linear. Age appears to increase as shell length increases, but the increase is not at a constant rate.

2. Shown below is a scatter plot of data from crocodiles on body mass in pounds (x) and bite force in pounds (y). Write a few sentences describing any possible relationship between x and y .



Possible response: There appears to be a positive linear relationship between bite force and body mass. For crocodiles, the greater the body mass, the greater the bite force tends to be.

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