**Chapter 9 –Regression Wisdom**

1. Extrapolation:
2. Interpolation:
3. Influential Point:
4. Lurking Variable
5. What is meant by a point that has high leverage?
6. Homogenous:
7. If a histogram of residuals appears to be bimodal or multimodal, what might you conclude, or at least investigate about the data?
8. Why is it important to examine a residual plot even if a scatterplot appears to be linear?
9. How do you identify an outlier in a scatterplot?
10. Explain the difference between an outlier and an influential point in a scatterplot.
11. Even if a strong association is observed between two variables it may be wrong to assume that changing one variable will cause a change in the other variable. Explain why.