Module 3C Questions:

Question 1:

Using the mean and standard deviation for Weight12 from your mouse data set, calculate the standard error for **n=2** and **for n=25**. (If you prefer, you can also use the following values instead of the mean/standard deviation from your data set: mean=28g, and standard deviation =2.5g.). As a reminder, the equation for the Standard Error is:

$$SE_{\bar{X}} = \frac{\sigma}{\sqrt{n}}$$

Question 2:

What would happen if, instead of using a characteristic that was normally distributed (such as weight), you were using a trait that was **highly skewed**?

Question 3:

In your own words, explain what Standard Error is.