

Group Discussions

General Instructions. Use the data table below and respond to the following prompts/questions. Then, discuss your answers with your group.

A student is doing the same investigation with the blackworm that we did yesterday. This is their data table.

Trial #	Pulses	Comments
1	13	
2	14	
3	29	

1. Calculate the average (mean) for their pulses.
2. Are there any outliers in their data? If so, which trial is the outlier? Why do you believe this is the outlier?
3. Consider this scenario. You just completed your 3 trials and found that one of your trials has an outlier. What will you do? For example, will you re-do the trial? Will you only find the mean of the other two trials? Discuss the pros and cons of possible options.
4. Review handout 14 from 7bscience.com. Using the rules from handout 14, correct the data table at the top of this page. What is wrong with this student's data table? There are several things they did wrong!