1. What parts of the PowerPoint are familiar to you and seem easy?

I feel like I am familiar with Punnett squares. I understand how to work them and I feel like for the most part, I know how to figure out which trait an organism would have based on the dominant and recessive alleles that can be shown in a Punnett square. I also understand the concepts of polygenic traits, genotypes, and phenotypes. Genotypes and phenotypes have seemed to come easy to me so far.

1. What are two things that are new to you (did not learn previously)?

I feel like I am just beginning to learn and understand the difference between incomplete dominance and co-dominance. I know from this PowerPoint and past assignments that incomplete dominance is when neither of the alleles are dominant, and co-dominance is when both alleles are dominant. Either way, these kinds of dominance result in completely different phenotypes.

1. What concepts are still difficult to understand? (These can include concepts that overlap other modules such as alleles, genes, etc.)

I have a difficult time understanding independent assortment. It’s hard for me to understand exactly what it means and what it does. Even when we learned about it in mitosis, I still feel that I do not fully understand it.

1. How do you rate your understanding of Genetics with what you remember from the past? Do you remember being confused and not being able to answer questions or do concepts come easily to you?

I feel that I understand genetics much better than I used to. I know that I never understood what alleles are, and I had forgotten what genotypes and phenotypes are. Now that we have gone over some material about genetics, I feel that a lot of things that I have been confused about are coming back to me and I am remembering them. Now, I understand alleles better and I feel a lot more comfortable with genotypes and phenotypes as well as other concepts.

1. What do you think you need to focus on to understand Genetics even better this time?

Understanding alleles, heterozygous, homozygous, genes, and relationships between all of these things are important for me to focus on to understand genetics even better. For the most part, however, out of the things we have covered so far, I am confident that I understand genetics fairly well.