**MIDTERM REVIEW WRAP-UP Name:**

**Student #:**

Please answer the questions below and submit your completed worksheet to your TA.

**Reflecting on Question 1**, a 9:3:3:1 ratio, you had to solve for genotypes and dominance relationships:

Is there anything new you have learned from discussing this problem today? How will this change what you will do in the future?

When solving a problem like this, once you have made a hypothesis about dominance relationships and genotypes, how can you test that your hypothesis supports the data provided?

**Reflecting on Question 2**, DNA structure as temperature increases:

Is there anything new you have learned from discussing this problem today? How will this change what you will do in the future?

What is the underlying concept involved in this question?

**Reflecting on Question 3**, complementation test:

Is there anything new you have learned from discussing this problem today? How will this change what you will do in the future?

Once you have analyzed the data and predicted the number of genes, alleles, and genotypes involved, how can you check that your prediction supports the data given?

**Reflecting on Question 4**, effects of mutation:

Is there anything new you have learned from discussing this problem today? How will this change what you will do in the future?

What is the most challenging part about predicting the effects of mutations on RNA, protein, and phenotype?