1. What would be the benefit in having more byssal threads?

   Since mussels use byssal threads to attach, more byssal threads means having a stronger hold. Therefore, mussels are less susceptible to being dislodged.

2. What would be the benefit in having stronger byssal threads?

   Stronger byssal threads means there is less need for lots of byssal thread production. Mussels can then have a stronger hold while conserving energy, since they don’t need to produce lots of byssal thread.

3. What would be the benefit in having a longer foot?

   A longer foot allows the mussel to travel greater distances with less effort.

4. What was the main trait that was different between the two species?

   The answers to questions 4-7 are dependent upon the results of the students’ coin tosses.

5. What did that trait regulate?

6. Which traits were dominant and recessive and which were co-dominant?

7. What caused the distribution of *M. galloprovinialis* to be different than that of *M. trossulis*?