**Questions to answer:**

1. Explain the process by which Mendel conducted his experiments.
2. How does Mendel’s work demonstrate support for the concepts of dominant and recessive alleles?
3. Compare and contrast the terms:
   1. genotype and phenotype
   2. heterozygous and homozygous.
4. What is the purpose of a test cross?  How is it conducted?
5. Explain the events in meiosis that explain the law of segregation and the law of independent assortment.