

Ch12 Chapter Questions

1. What is *genetics*?
2. What is Gregor Mendel known for?
3. What does *cross* mean?
4. What is the difference between self and cross-pollination?
5. Draw and label the parts of a flower? (p.560)
6. Why did Mendel use the pea plant?
7. How did Mendel get the true-breeding generation?
8. List the names of the 3 generations of plants that Mendel created and the results of the crosses he did.
9. What is an allele?
10. Define the following: dominant and recessive traits
11. Define Mendel's 2 laws: law of segregation and independent assortment
12. Define the following: probability, pedigree
13. What is a sex-linked gene?
14. Define the following: incomplete dominance, and co-dominance
15. Define the following: polygenic inheritance, multiple alleles