1. A characteristic associated with a gene.
2. The set of genetic information that make up the chromosomes of an individual organism.
3. An individual organism's set of genes, or genetic makeup.
4. An observable trait associated with a specific gene or set of genes.
5. A trait associated with genes found on the X and Y chromosomes.
6. Having two different alleles for a given gene.
7. An allele that masks the effects of another allele.
8. An allele that needs two copies to influence phenotype.
9. A chart used to illustrate inheritance patterns.
10. Having two copies of the same allele for a given gene.
12. A trait associated with genes found on chromosomes other than X and Y.
13. an inheritance pattern in which a dominant allele is able to completely mask the effects of a recessive allele in heterozygous situations.

14. Using the pedigree to the right, answer the following questions.

a. What do the circles symbolize? ____________________________
b. What do the squares symbolize? ____________________________
c. What do the Roman numerals refer to? ____________________________
d. What do the numbers below each symbol refer to? ____________________________
e. Do individuals that fall under "II" represent a younger generation than individuals that fall under "I"? ____________________________
f. How many male individuals are there in the 2nd generation? ____________________________
g. What do the filled-in patterns symbolize? ____________________________
h. What does the half filled-in circle symbolize? ____________________________