Bio Ch 12 review inheritance and human genetics

1. Thomas Hunt Morgan worked with *Drosophila melanogaster*. What did he discover?
2. What is the difference between autosomes and sex chromosomes and how many are there of each, as individuals and as pairs?
3. Who is more likely to get a sex-linked trait and why?
4. On a chromosome map, which alleles will be more likely to exhibit crossing-over, two close ones or two far apart ones and why?
5. List the four types of mutations found on a chromosome.
6. In a codon, list the three types of point mutations. What does this cause and why can it be troublesome?
7. List, describe, and give one example of four inheritance patterns not related to Mendel.
8. Name two ways to detect genetic diseases in fetuses.
9. Name and describe a way to treat a genetic disease.
10. What are the two types of cell mutations and which one would be more catastrophic to have nondisjunction and why?