

## VII. Non-Mendelian Inheritance

A. The inheritance of characteristics by a single gene may \_\_\_\_\_  
Mendelian dominant-recessive relationships

B. Examples:

- a. Incomplete dominance
- b. Codominance
- c. Multiple alleles
- d. Polygenic traits
- e. Sex-linked
- f. Sex-influenced

### C. Incomplete Dominance

- a. One allele is \_\_\_\_\_ over the other
- b. \_\_\_\_\_ offspring are \_\_\_\_\_  
between two parental phenotypes
- c. \_\_\_\_\_ of alleles
- d. \_\_\_\_\_ phenotypes

### D. Codominance

- a. \_\_\_\_\_
- b. \_\_\_\_\_ phenotypes are present
- c. \_\_\_\_\_ is dominant or recessive
- d. A person with AB blood has both A and B proteins  
on their red blood cells.

### E. Polygenic Traits

- a. \_\_\_\_\_
- b. Genes can be on the \_\_\_\_\_
- c. \_\_\_\_\_ combinations and mixes
- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_

d.

