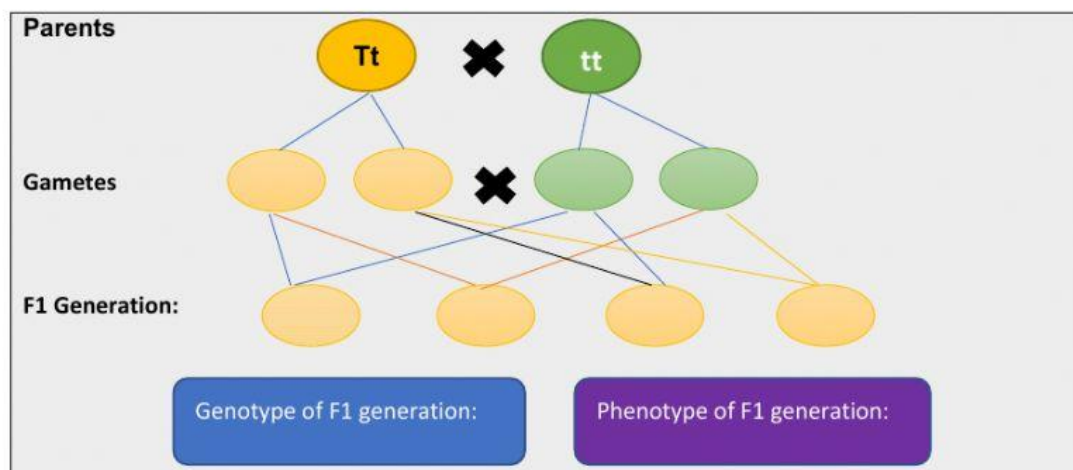


Ch 4.2 Mendelian Genetics

1. Fill in the blanks

- a. A _____ is a genetic cross between parents that differ in only one trait.
- b. A heterozygous tall plant (Tt) crosses with another heterozygous tall plant (Tt) is an example of _____.
- c. A _____ cross is a genetic cross between parents that differ in two traits.
- d. Law of independent assortment states: _____.
- e. Heterozygous yellow and round seed pea plant is an example of _____ trait.

2. Determine the alleles in the gametes for the following cross:



What are the possible ways of these alleles to assort into gametes – Law of independent assortment

