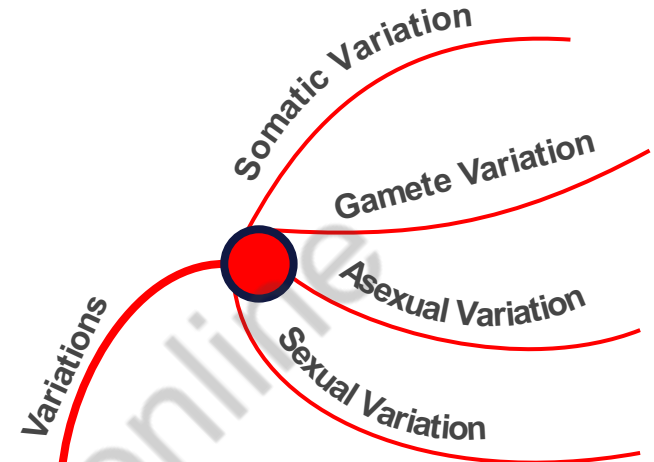
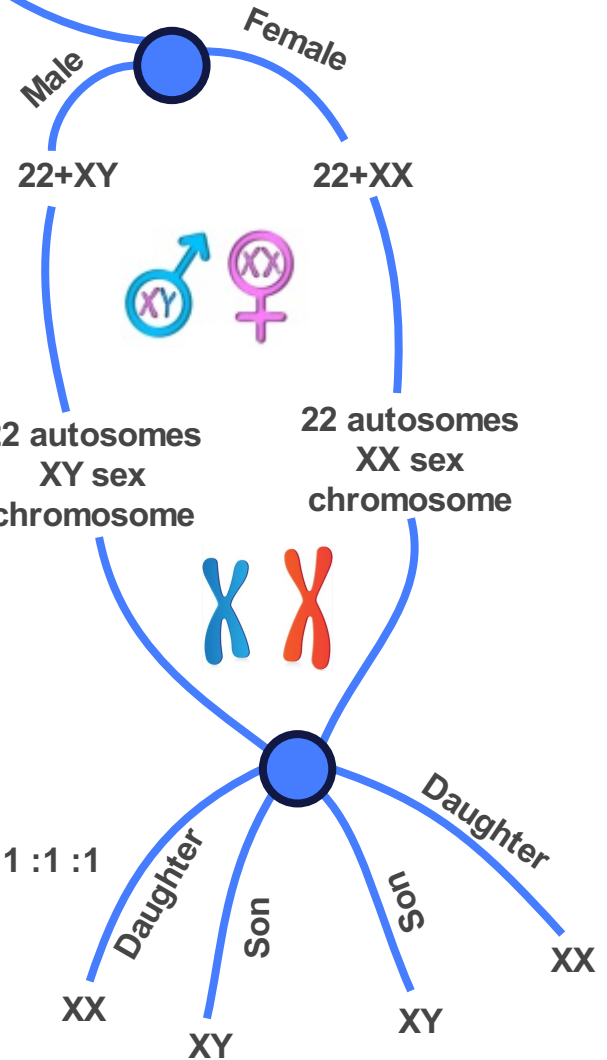




HEREDITY



Sex In



Gregor John Mendel

Law of Independent Assortment

Dihybrid Cross

Cross Pollination Phenotype

F₁ generation

Genotype

Self Pollination

Hybrid RRYy

F₂ generation

Phenotype

Genotype

- 9. Round Yellow
- 3. Wrinkled Yellow
- 3. Round Green
- 1. Wrinkled Green

1 : 2 : 2 : 4 : 2 : 2 : 1 : 1 : 1 : 1

Phenotype	Number	Phenotypic ratio
Yellow round	315	9/16
Green round	108	3/16
Yellow wrinkled	101	3/16
Green wrinkled	32	1/16

Law of Segregation

Monohybrid Cross

Cross Pollination Phenotype

F₁ generation

Genotype

Hybrid

F₂ generation
Self Pollination

Phenotype

Genotype

3 red : 1 white

1RR : 2Rr : 1rr

