

Unit 7 Study Guide:

Meiosis

- What is it?
- What happens during it?
- What does it make?
- What is independent assortment?
- What is crossing over?

Punnett Squares:

- What is homozygous dominant?
- What is heterozygous?
- What is homozygous recessive?
- What is a genotype?
- What is a phenotype?
- What type of cross produces 3 different genotypes?
- What type of cross produces 100% heterozygous?
- How do you do a Dihybrid cross?
- How do you do a Punnett square with sex-linked traits?

Pedigrees:

- How do you know what the genotype of an individual in a pedigree is?
- What does a square stand for?
- What does a circle stand for?
- How do you show marriage and a baby?

Karyotypes:

- What is a karyotype?
- How many autosomes do humans have?
- How many sex chromosomes do humans have?
- How many total chromosomes do humans have?
- How can you tell if someone has a disorder or not with a karyotype?
- What disorder is caused by trisomy 21?
- What disorder is caused by XXY?
- What disorder is caused by a single X?