

B9 Lesson 1: Genetics Basics

- Define the following important vocabulary:
 - Inheritance:
 - Chromosome:
 - Gene:
 - Allele:
- Where is the genetic information in a cell?

- Draw or explain what happens to chromosome number in the production of gametes and fertilization.

- What is a karyotype?

- What is the genetic difference between males and females?

- Draw or explain how a female zygote is produced.

- Draw or explain how a male zygote is produced.

- Outline the differences between mitosis and meiosis.