

LHWHS Biology
Directed Reading

NAME _____

Chapter 6 - Chromosomes and Cell Reproduction

Go to Mrs. Antonelli's website. Click on the biology book. Log in. Choose Chapter 6 (Entire Chapter). Click on visual concepts. Answer the questions below.

---Gamete---

1. Provide two examples of gametes.

2. What does it mean for a cell to be a haploid ?

---Comparing Cell Division in Prokaryotes and Eukaryotes---

3. Which type of cell reproduces more quickly....

.....Prokaryotes or Eukaryotes (*circle one*)

Explain why ?

---Gene---

4. Provide a definition for 'gene'.

---Chromosome---

5. In your cells, where are chromosomes located ? _____

What two type of biomolecules are chromosomes made of ?

---Parts of a Chromosome---

6. Describe the centromere.

7. What are the chromatids ?

---Homologous Chromosomes---

8. What does it mean for chromosomes to be homologous ?