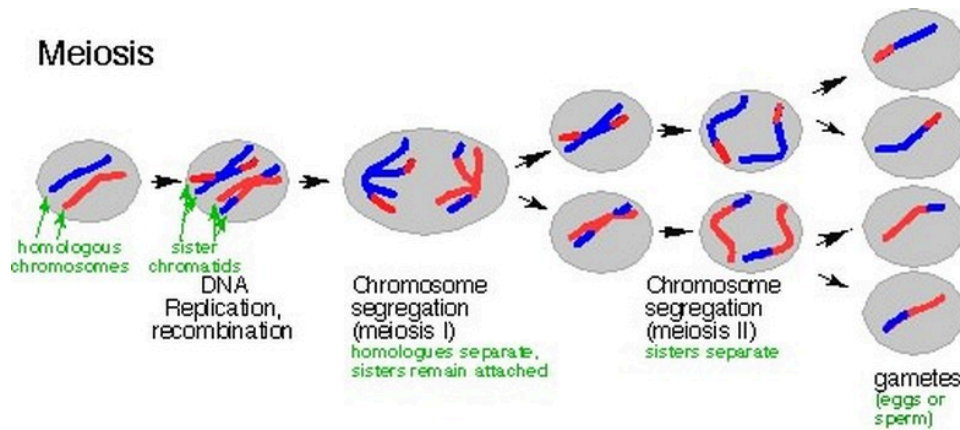


By the end of the period I will be able to compare and contrast Mitosis and Meiosis.

Attach [Mitosis and Meiosis Worksheet](#) as Flip out page

Directions: Copy down the following image on page 94 of your notebook.
Please use color. You have the whole page.

Meiosis



Questions:

ADD 5 of your own questions.

Title: **Sexual Reproduction, Meiosis, and Heredity**
How do we get diversity? C-Notes

EQ: How are genetically unique cells produced?

Instructions: Answer and COPY DOWN the questions below. Use the [SLIDES: Sexual Reproduction, Meiosis, and Heredity](#). To answer the questions :

1. Define Sexual Reproduction
2. What role do Gametes play in sexual reproduction.
3. Draw and label a pair of sister chromatids and the centromere:

4. Compare and contrast haploid and diploid cells.
5. What is the significance of organizing the DNA into Chromosomes?
6. How do chromosomes explain that everybody gets 2 genes for each trait?
7. What is the goal of meiosis with regard to homologous chromosomes?
8. Why are gametes genetically different?
9. What results because of crossing over?

Summary (4-5 sentences summary)

