



PHONES & EAR BUDS away Please!

Thurs, Nov 9, 2017

Pick up: Meiosis Recap

Today you will:

- Take POGIL Quiz & turn in POGIL
- Measure onion roots
- [Meiosis Amoeba Sisters](#) video clip

Homework:

- **WB pg 89-94-Due Tuesday**
- **Complete Meiosis diagrams**
- **Quiz-Tuesday, 11/14-Please Study!**

POGIL Quiz

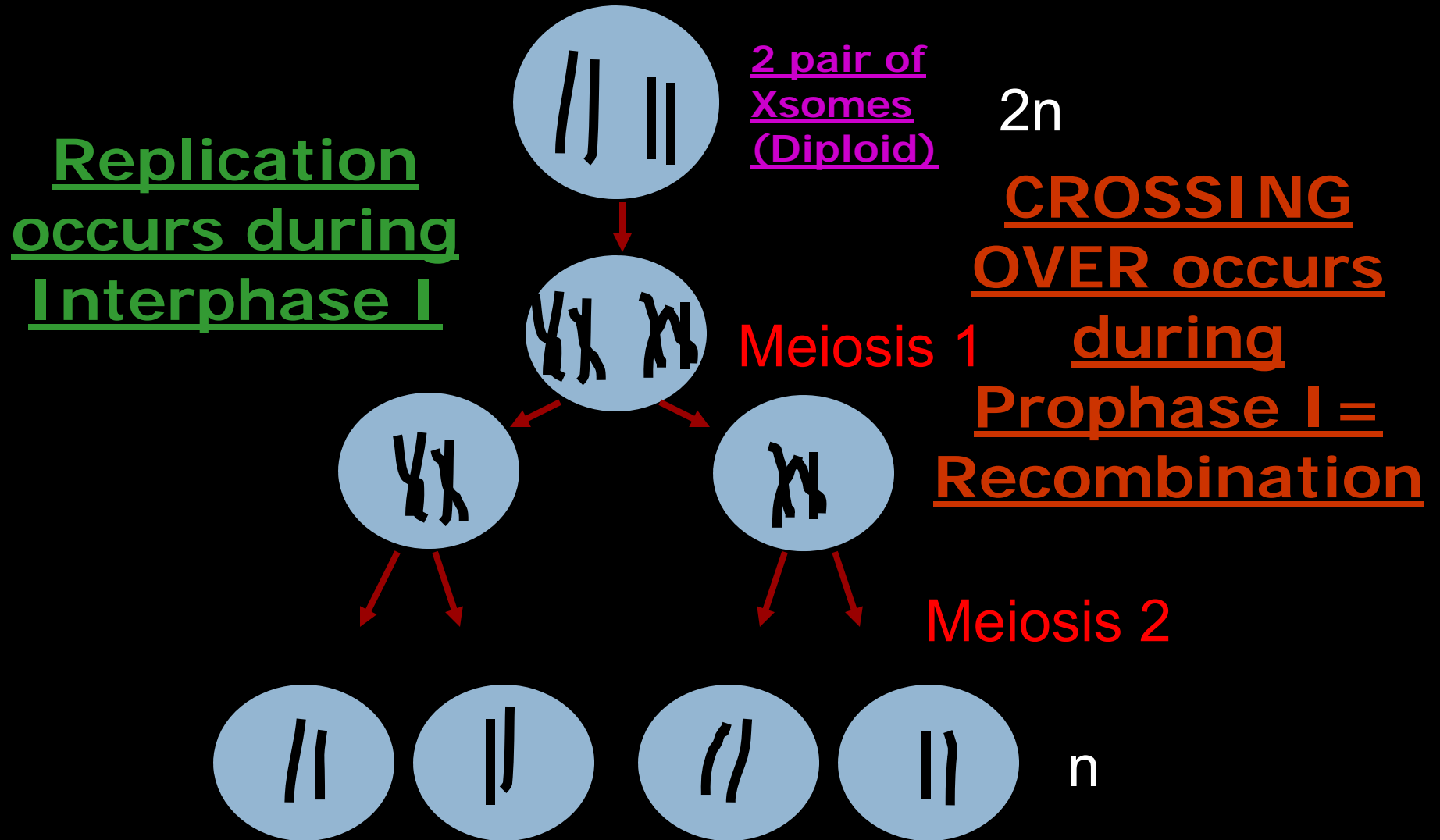
Assessment Questions

1. Which of the following is true concerning mitosis and the cell cycle?
 - a.* Mitosis occurs immediately before S phase.
 - b.* Mitosis occurs immediately after cytokinesis.
 - c.* Mitosis occurs after G_2 and before cytokinesis.
 - d.* Mitosis occurs in between G_1 and G_2 .
2. The phases of mitosis in the correct order are
 - a.* prophase, telophase, anaphase, and metaphase.
 - b.* prophase, metaphase, anaphase, and telophase.
 - c.* telophase, anaphase, prophase, and metaphase.
 - d.* metaphase, anaphase, prophase, and telophase.
3. Describe two situations in human life when mitosis would be critically important.

DSQ

- Meiosis is an important process to the survival of many organisms. What is/are the overall purpose(s) of meiosis?
 - A) To produce genetically identical cells for growth
 - B) To produce cells with the same number of chromosomes
 - C) To produce gamete cells with half as many chromosomes
 - D) To produce sex cells with twice as many chromosomes as the parent cell

MEIOSIS Notes pg 3



End up w/ 4 SPERM or EGG-half # of Xsomes as parent cell (Haploid)

YOUR JOB TODAY

Complete

Flow Chart, MEiosis

Use Ch. 6.1 & 6.2

- 1. Briefly describe what is happening **OVERALL** in each phase.**
- 2. Draw the chromosomes in each cell.**