University of Arizona- The Biology Project- Meiosis

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_

Link <http://www.biology.arizona.edu/cell_bio/tutorials/meiosis/main.html>

Click on Reproduction-

1. Explain what asexual and sexual reproduction are and explain the difference between the two.

Click Next at the bottom of the page-

2. What is a Kayotype? (click on link)

3. What does ploidy mean and give examples.

Click Next at the bottom of the page-

Explain what occurs in each phase of meiosis and draw a picture of it (based on the animation on the lower left hand part of page)

4. Prophase I

5. Prometaphase I (late prophase)

6. Metaphase I

7. Anaphase I

8. Telophase I

Click Next at the bottom of the page-

9. Summarize the information in Comparing Meiosis and Mitosis.

10. Summarize the information in Meitotic errors.

11. Mitosis, Meiosis, and Ploidy

12. Write your answers to the 10 review questions.