

Reproduction and Cells Name _____

Procedures:

1. On the back of this paper are two pathways of cell division. You will model the cell division on your desk and then draw it on the paper.
2. Listen as your teacher tells you how to place the chromosomes and make your drawing as you go. If you have colored pencils, use them for the chromosomes.
3. Answer the questions and complete the Venn Diagram when you are finished.

Analysis:

1. What is an organism that reproduces asexually? Sexually?
2. How are the two processes alike?
3. How are they different?
4. How does meiosis produce an organism with all 4 chromosomes?
5. Why is meiosis sometimes called “reduction division”?