Meiosis Worksheet

Use the links in this worksheet and answer the questions listed.

Fill in all answers – feel free to use another sheet if you would prefer to.

1. Click here http://biologyinmotion.com/cell_division/.
2. Complete the "practice mitosis" and "practice meiosis" exercises:

   Describe:

3. In order to separate the chromosomes in half you will have to use the "shift" key
4. How did the results of the two practice exercises differ? (Your own words)

5. Click here http://www.pbs.org/wgbh/nova/baby/divi_flash.html
6. How many steps to complete Mitosis? _____

   Meiosis? _____
7. Go to the last step in Meiosis. What does it say about "daughter cells"?
8. http://biostudio.com/d_%20Meselson%20Radding%20Model%20Crossing%20Over.htm
9. Work through the animation … What is crossing over?
10. Does crossing over give any advantages to the cell (or ultimately the organism)? (if so what… describe)