## **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 <a href="http://biologyinmotion.com/cell division/">http://biologyinmotion.com/cell division/</a>.
- Complete the "practice mitosis" and "practice meiosis" exercises:Describe:
- 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. <a href="http://biostudio.com/d">http://biostudio.com/d</a> %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)