

Name: _____ Period: _____ Date: _____

How Cells Divide: Meiosis

Worksheet to accompany PBS Nova Animation
<http://www.pbs.org/wgbh/nova/baby/divide.html>

Step 1 – Before We Split

1. How many chromosomes are in the human genome?
2. How many chromosomes are in a sperm or egg cell
3. For each of the following diagrams, draw the chromosomes of the mother in one color and the chromosomes of the father in a different color.

Ke

structure.

7. The two bases that are purines are:

a. _____

b. _____

8. The two bases that are pyrimidines are:

a. _____

b. _____