Genetics Meiosis

Name: Date:

Write the correct answer.

1. Different forms of a gene are called alleles.

2. Replication is when DNA copies itself and it occurs during Interphase.

3. Human cells have 46 pieces of chromatin.

4. DNA has genes that determine traits of an organism.

5. What occurs during interphase? the cell does normal cell activity

6. At the end of Meiosis II you have made 4 haploid gametes (sex cells).

7. Cytokinesis occurs at the same time at Telophase II.

8. When does interphase occur? before meiosis

9. List the 2 alleles for fur color in Snurfles & the letter that represents those alleles? G yellow and G Green.

10. Half of your DNA comes from your mother and half from your father.

11. Uncoiled stringy DNA is called chromatin