Name:_____ Date:_____

Meiosis Worksheet

1. A cell with two pairs of each set of chromosomes is called a [diploid / haploid] cell.
   These cells are typically found throughout the body tissues and are called [germ / somatic] cells.

2. A cell with only one of set of chromosomes is called [diploid / haploid] cell.
   These types of cells are found in the reproductive organs and are called [germ / somatic] cells.

3. Sperm and egg cells are called [gametes / zygotes]. A fertilized egg is a [gamete / zygote].

4. A type of cell division that results in diploid cells: [meiosis / mitosis]
5. A type of cell division that results in haploid cells. [meiosis / mitosis]

6. When a sperm and egg combine, it is called _____
7. What is the diploid number for humans? _____ What is the haploid number? _____
8. Matching chromosomes are called _____ pairs.
9. During prophase I of meiosis, these pairs form a tetrad in a process called _____.
10. When homologous chromosomes exchange genes, it is called: _____.
11. How many daughter cells are created at the end of meiosis I? _____ meiosis II? _____
12. During meiosis, chromosomes will split into daughter cells randomly, making each gamete unique. This is called _____.
13. The process by which sperm are made is called _____.
14. The process by which eggs are made is called _____.
15. During the creation of an oocyte, 3 additional haploid cells are created that will not be fertilized, these cells are called _____.

Label the Phases