

MEIOSIS WORKSHEET

1. _____ reproduction is when 2 sex cells join together.
2. The process of cell division that creates sex cells (reproductive cells) is called _____.
3. In meiosis, the original cell will divide to create _____ different "daughter" cells.
4. The sex cells (reproductive cells) that are created through meiosis are called _____.
5. Body cells that are produced through mitosis (such as skin, muscle, nerve cells) are called _____ cells because they contain complete pairs of chromosomes.
6. The sex cells produced by meiosis are called _____ cells, because they only contain HALF of the chromosomes needed to make life.
7. Sexual reproduction requires _____ haploid cell from BOTH parents to have all the chromosomes needed to make offspring.
8. When sex cells combine in sexual reproduction, each half of the chromosome finds its _____ partner to match up with.
9. In humans, each sex cell (gamete) contains _____ chromosomes and when fertilization occurs, the new human offspring will have all _____ chromosomes that are present in human DNA.
10. Because meiosis creates 4 unique sex cells, sexual reproduction results in _____ genetic variation than asexual reproduction.

