

****CLASS SET - Return to teacher at end of period!****

Unit 5b Vocabulary Definitions

Directions: Copy the following definition *exactly as written* into your vocabulary chart. Then use definition to finish the other boxes.

1	Asexual Reproduction	Process of reproduction involving a single parent that results in offspring that are genetically identical to the parent.
2	Crossing-Over	Process in which homologous chromosomes exchange portions of their chromatids during meiosis.
3	Diploid	Term used to refer to a cell that contains two sets of homologous chromosomes.
4	Fertilization	Process in sexual reproduction in which male and female reproductive cells join and form a new cell.
5	Gamete	sex cell
6	Haploid	Term used to refer to a cell that contains only a single set of genes.
7	Homologous	Term used to refer to chromosomes in which one set comes from the male parent and one set comes from the female parent.
8	Meiosis	Process in which the number of chromosomes per cell is cut in half through the separation of homologous chromosomes in a diploid cell.
9	Sexual Reproduction	Type of reproduction in which cells from two parents unite to form the first cell of a new organism.
10	Tetrad	Structure containing four chromatids that forms during meiosis.
11	Variation	Any difference between cells, individual organisms, or groups of organisms of any species caused either by genetic differences or by the effect of environmental factors on the expression of the genetic potentials.
12	Zygote	Fertilized egg