Name: _____ Row: _____

Date:_____ Period:_____

Speciation & Genetic Drift Worksheet

Speciation: Write the letter of the correct definition in the blank space on the left.

1.	_____ reproductive isolation	a) physical barrier that keeps two populations separate
2.	_____ behavioral isolation	b) populations of the same species differ genetically from each other
3.	_____ geographic isolation	c) difference reproduction times
4.	_____ temporal isolation	d) differences in courtship or mating behaviors
5.	_____ subspecies	e) individuals from different populations can not longer mate successfully with each other

Extinction: Write the letter of the correct definition in the blank space on the left.

6.	_____ mass extinction	a) remains of dead organisms
7.	_____ episodic speciation	b) new species that form right after a mass extinction
8.	_____ biodiversity	c) difference between individuals.
9.	_____ fossil record	d) many different species living in the same ecosystem
10.	_____ variation	e) organic matter that turned into rock and used to record evolution

Gene Flow: Write the letter of the correct definition in the blank space on the left.

11.	_____ allele frequency	a) all the alleles in a population
12.	_____ genetic drift	b) change in allele frequencies caused by random chance
13.	_____ founder effect	c) great reduction in the size of a population with a great loss of variation
14.	_____ bottleneck effect	d) small number of individuals who colonize a new area
15.	_____ gene pool	e) how common an allele is in a population