

If you are looking for review materials, practice MCQs and FRQs and full length practice exams, consider Ms. Wuerth's book [*Barron's AP Biology*](#), she hopes you find it useful!

AP Daily 7.4 Population Genetics

1. Mutations are _____ changes in an organism's DNA sequence
2. What do mutations create in a population?
3. What is genetic drift?
4. In what size populations is genetic drift more likely to occur?
5. One type of genetic drift is a bottleneck event. Describes what happens in a bottleneck event.
6. Another type of genetic drift is the founder effect. Describes what could create a founder effect.
7. Migration (also known as _____) can introduce new _____ into a population.
8. Continued migration between populations can also _____ genetic diversity/differences between populations over time.
9. The raw material of evolution is _____

10. Fitness depends on _____

11. What would be the effect on evolution if there was no genetic variation in a population?

12. What is a null hypothesis?

13. What is an experimental hypothesis?

14. STOP Pause the video at 4:12, what is the NULL hypothesis in the give scenario?