

Amoeba Sisters | Video Recap

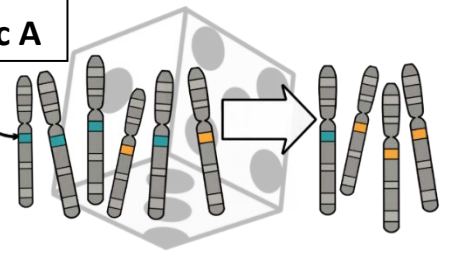
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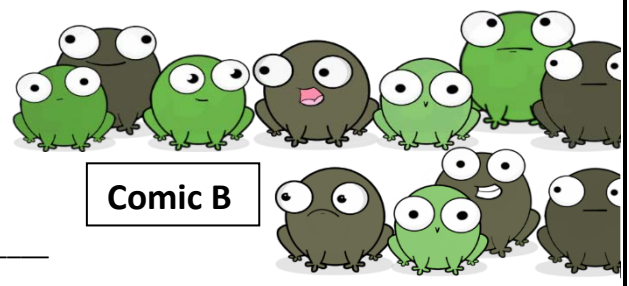
Amoeba Sisters Video Recap: Genetic Drift

1. Populations can have variety, despite being made up of the same species. If a population has different expressed traits, this can be due to different inherited **alleles**. Genetic drift can cause a change in **allele frequency** in a population. What if you had to explain **genetic drift** to a friend who has not watched the video? Use the comics below in your narration of genetic drift. Refer to comic A, comic B, and comic C in your narrative. You can use the comics in any order you choose!

Comic A

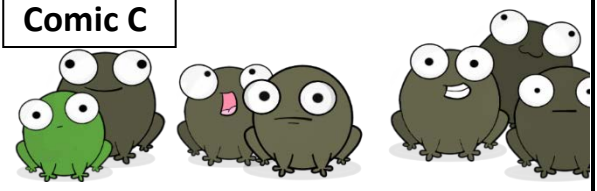
Allele
(Form of a gene)



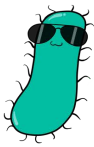


Comic B

Comic C





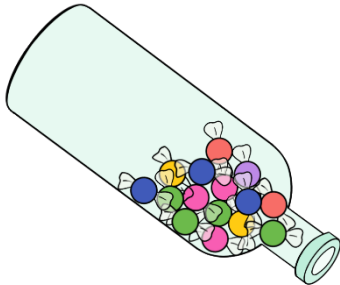


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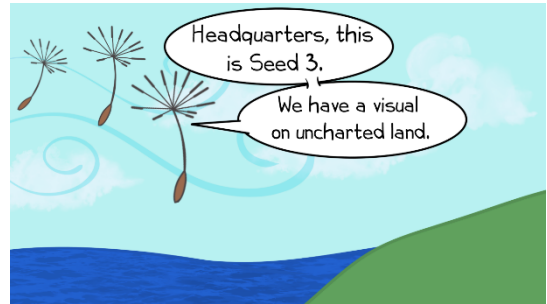
Label the effect depicted in the picture below. How does the picture connect to the definition?

2. _____ Effect



Label the effect depicted in the picture below. How does the picture connect to the definition?

3. _____ Effect



Sketch your Understanding!

4. The video explains why **small populations** tend to be more vulnerable to genetic drift. Explain why with a sketch! You can use captions if this better helps your explanation.

5. **Genetic drift** and **natural selection** can both be mechanisms of evolution. However, they are very different mechanisms. Explain how genetic drift is different from natural selection.

