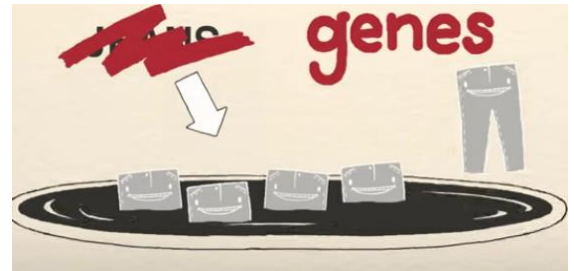


Five Mechanisms of Evolution Notes

Define evolution: _____

Describe the gene pool: _____

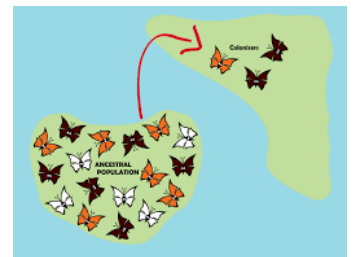


Genetic Drift: _____

- Bottleneck effect: _____



- Founder effect: _____



Non-random Mating: _____

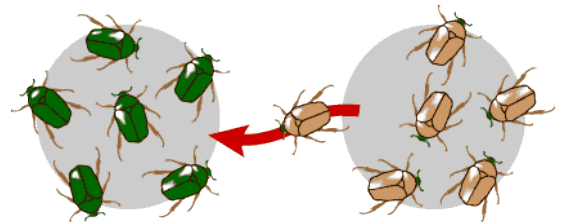
- Example: _____

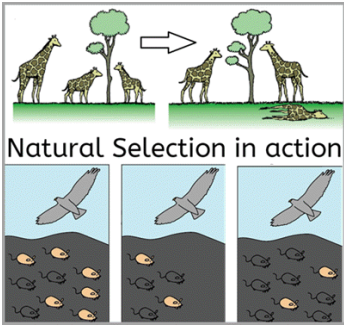
Mutation: _____

- Example: _____

Gene Flow: _____

- Example: _____





Natural Selection: _____

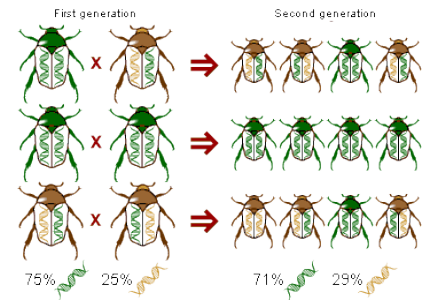
• Thumbs up are traits that are _____; thumbs down are traits that are _____

• Red hair in northern climates is _____ because _____

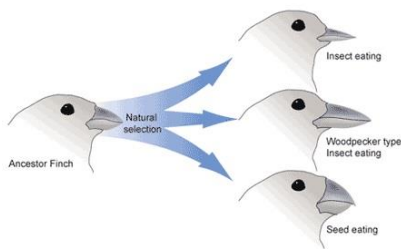
• Red hair in southern climates is _____

because _____

Microevolution: _____



Macroevolution: _____



• Speciation: _____

Summary: Using the information you just learned about, write how each of the 5 mechanisms can change a population. Be sure to explain what is causing the change and what is changing. You may use examples if you like.

1. Genetic drift: _____

2. Non-random mating: _____

3. Mutation: _____

4. Gene flow: _____

5. Natural selection: _____
