

Name: \_\_\_\_\_ Period: \_\_\_\_\_

# 6.3 Mechanisms of Evolutionary Change

## Survival of the Fittest

Fitness:



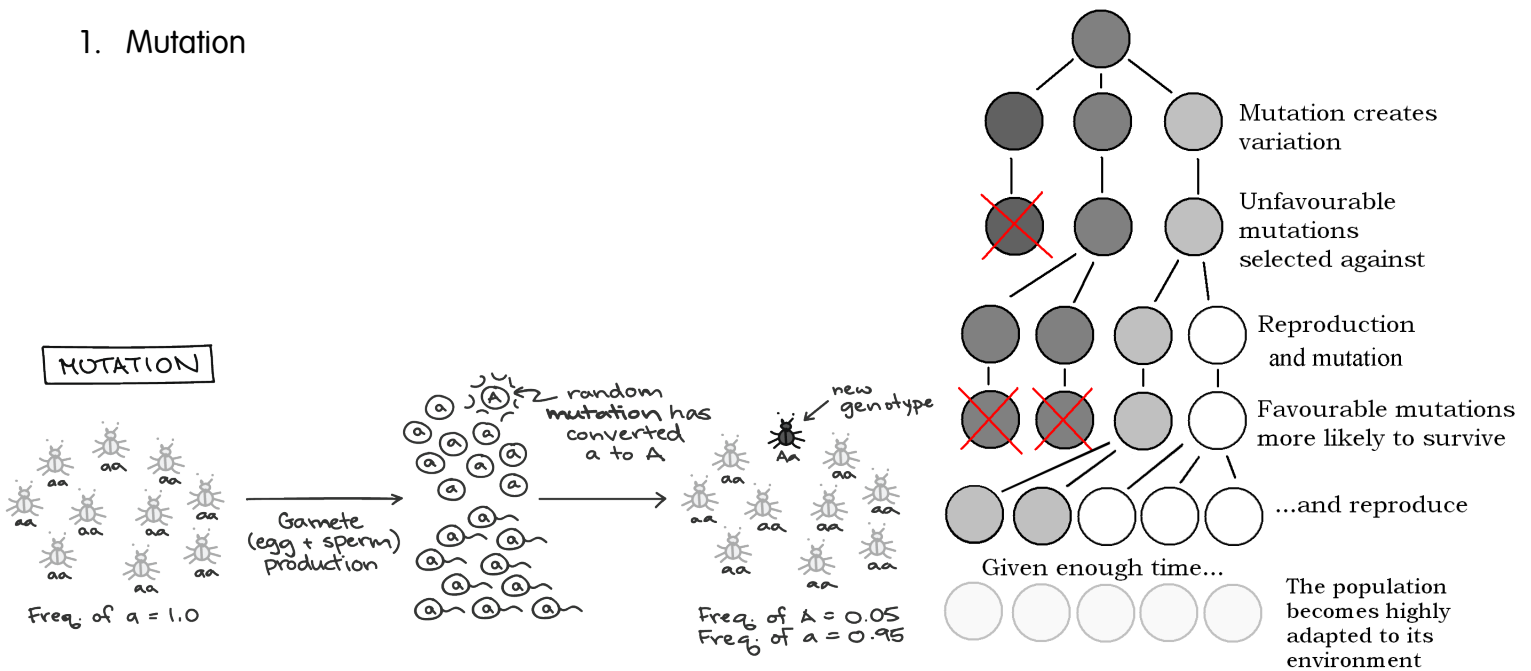
\_\_\_\_\_ fitness = \_\_\_\_\_ survival rate → \_\_\_\_\_ reproduction rate

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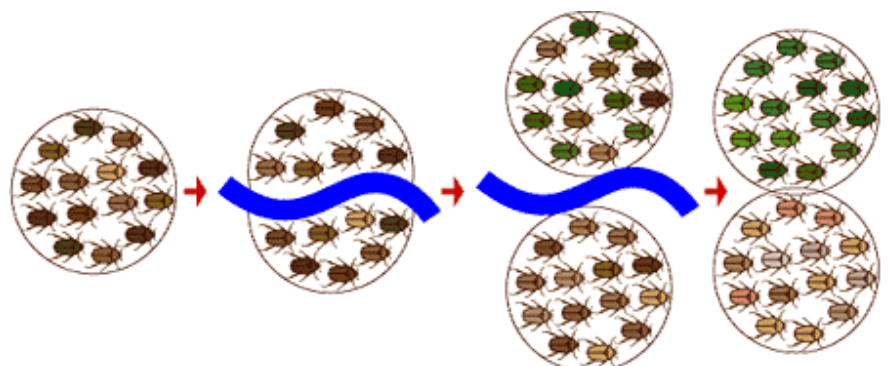
Most fit = Most survival → Survival of the fittest!

## Four Mechanisms of Evolutionary Change Leading to Fitness:

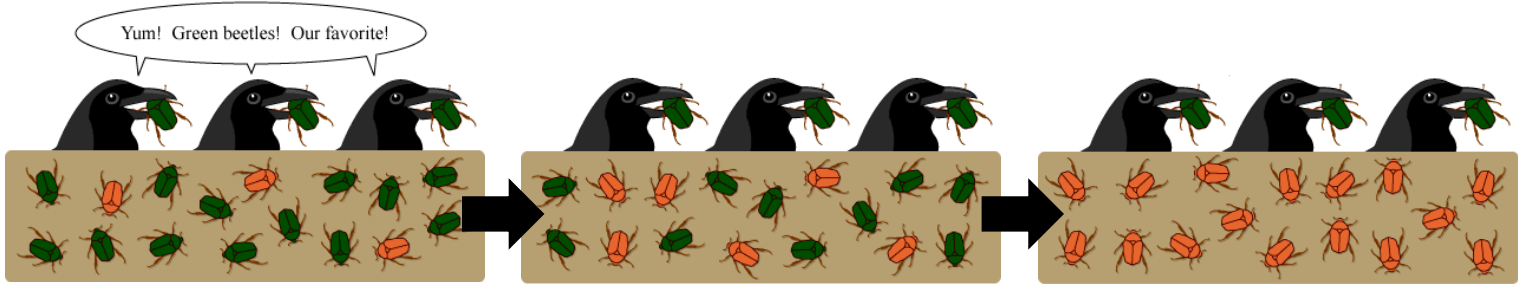
### 1. Mutation



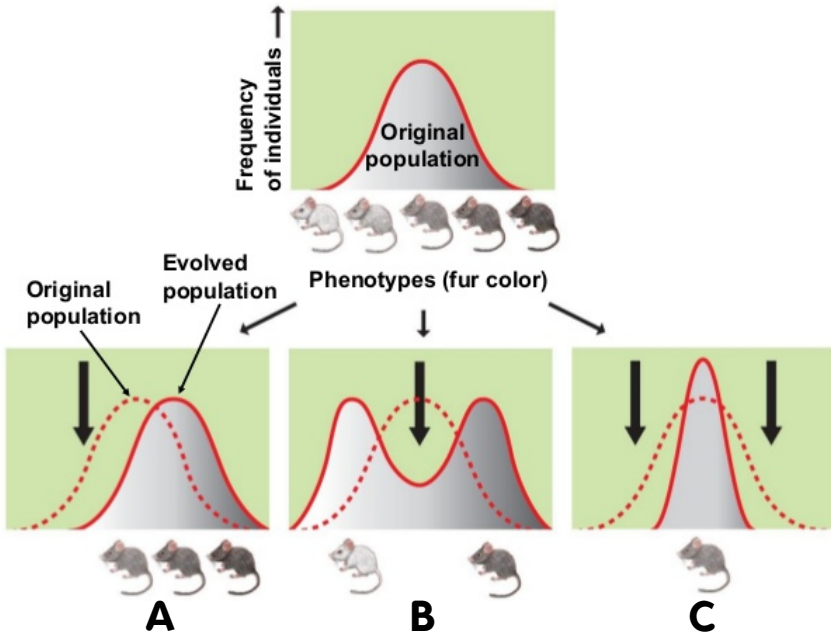
### 2. Migration/Isolation



### 3. Natural Selection



#### Three Types of Natural Selection:



A. Directional Selection

B. Disruptive Selection

C. Stabilizing Selection

### 4. Sexual Selection

