

Escuela e Instituto

LINCOLN

10th Grade

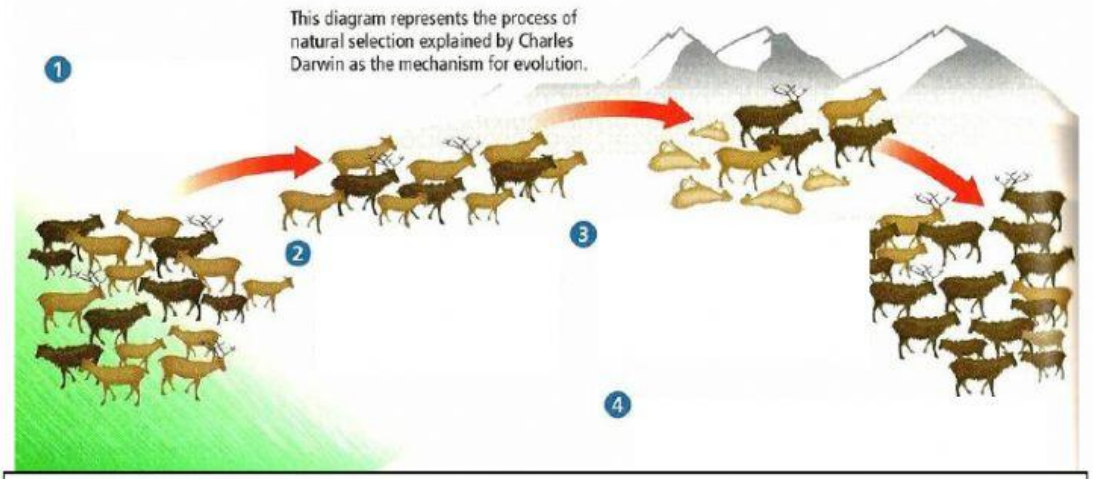
2022

Name: _____

1.- Match the following vocabulary with the correct definition.

Population	Theory that states that Earth's present landscape was produced by past action of the same gradual geological processes that we observe today
Catastrophism	hypothesized that organisms evolved by a process in which the bodies of living organisms are modified through the use or disuse of parts.
Aristotle	change over time in the characteristics of a population.
Evolution	it states that organisms of the modern world are the species that survived the catastrophes.
Uniformitarianism	categorized all organisms into a linear hierarchy that he called the "Ladder of Nature".
Lamarck	consists of all the individuals of one species in a particular area.

2.- Label the picture with the words in the bank



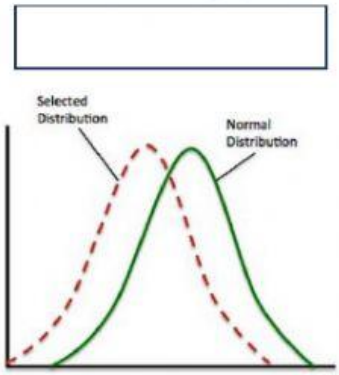
Differential reproduction	Genetic variation	Overproduction	Struggle to survive

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3.- Write the four major categories of evidence for evolution

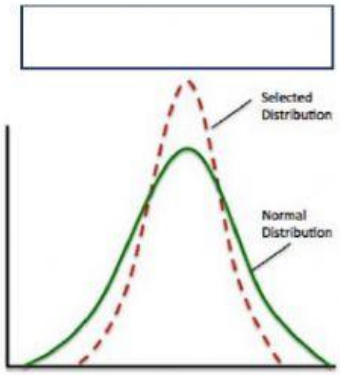
a) _____
b) _____
c) _____
d) _____

4.- Label each of the graph with the type of natural selection that they are representing:



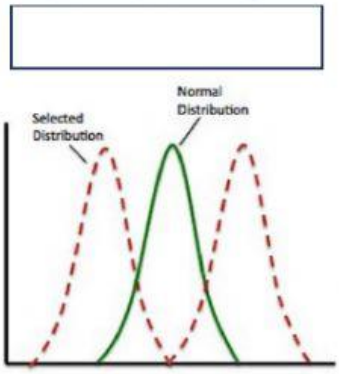
Graph A

The distribution of the traits in the altered population differs from the original population in that the selected value has decreased (smaller, shorter, lighter, etc.)



Graph B

The population has changed so that more individuals have the average value of the trait compared to the original population.



Graph C

Two altered traits appear, each reflecting the two distinct variations of the original population.

Each graph compares the normal distribution of a trait in the original population with the distribution of the trait in the population altered by natural selection.

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