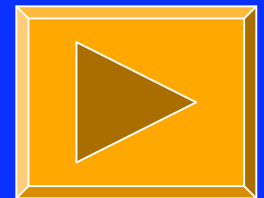


# JEOPARDY

<b>In the Beginning</b>	<b>Mutations</b>	<b>Natural Selection</b>	<b>Phylogenies</b>	<b>Mechanisms of Evolution</b>
<u>\$10</u>	<u>\$10</u>	<u>\$10</u>	<u>\$10</u>	<u>\$10</u>
<u>\$20</u>	<u>\$20</u>	<u>\$20</u>	<u>\$20</u>	<u>\$20</u>
<u>\$30</u>	<u>\$30</u>	<u>\$30</u>	<u>\$30</u>	<u>\$30</u>
<u>\$40</u>	<u>\$40</u>	<u>\$40</u>	<u>\$40</u>	<u>\$40</u>
<u>\$50</u>	<u>\$50</u>	<u>\$50</u>	<u>\$50</u>	<u>\$50</u>

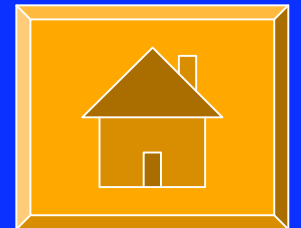
# Answer

- Simply put, descent with modification.



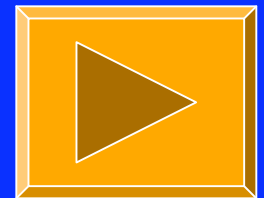
# Question

- What is evolution?



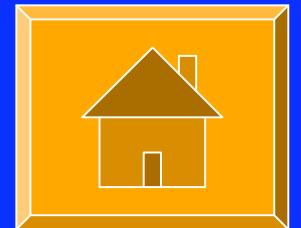
# Answer

- The central idea of evolution is that all life on Earth shares one.



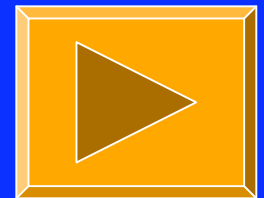
# Question

- What is a common ancestor?



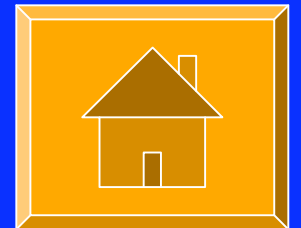
*Answer*

Small scale evolution



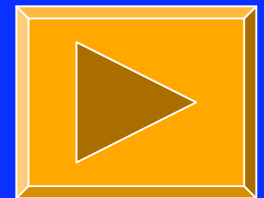
# Question

- What is microevolution?



# Answer

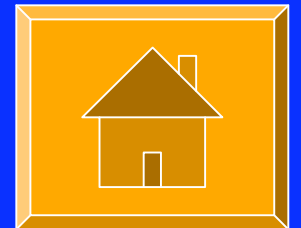
- Evolutionary relationships are represented on this.





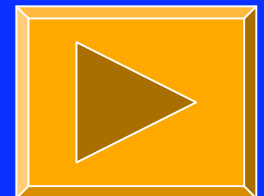
# Question

- What is a cladogram?



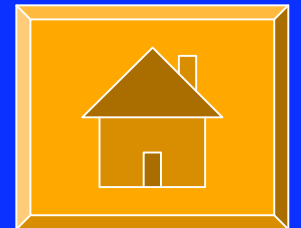
# Answer

- Genetics



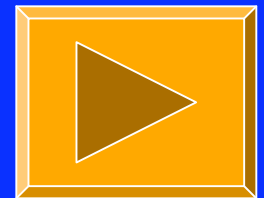
# Question

- What changes in evolution?



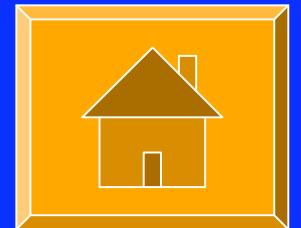
# Answer

This is the definition of mutation.



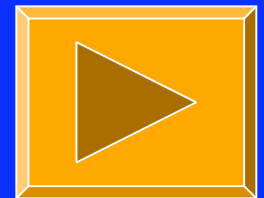
# Question

- What is a change in DNA?



# Double JEAPORDY

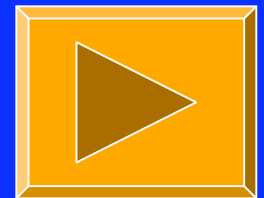
- How much do you wish to wager?



# Double JEAPORDY

## Answer

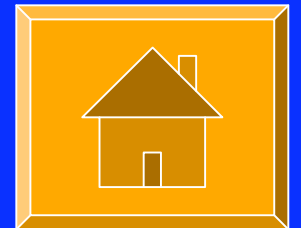
- The term for mutations that occur sperm and eggs.



# Double JEAPORDY

## Question

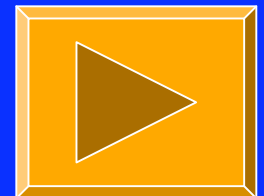
- What are germ-line mutations?





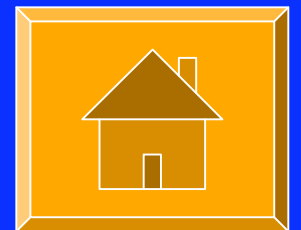
# Answer

- Copying problem and Environment.



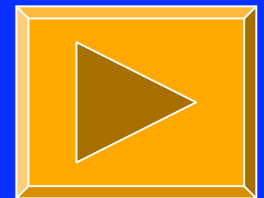
# Question

- What are the causes of mutations?



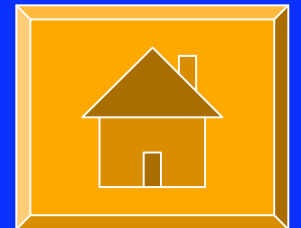
# Answer

- Somatic Mutations



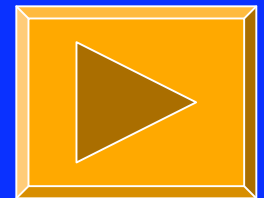
# Question

- What are mutations NOT found in gametes?



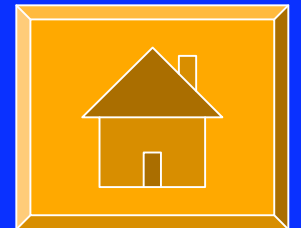
# Answer

- Mutations are not planned, instead they are



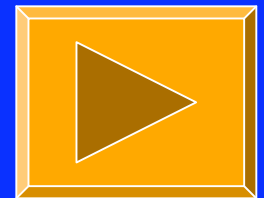
# Question

- What is random?



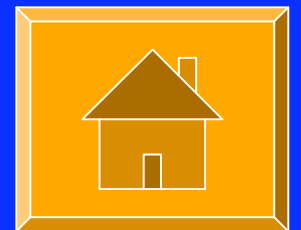
# Answer

- The process by which organisms have offspring with more favorable characteristics.



# Question

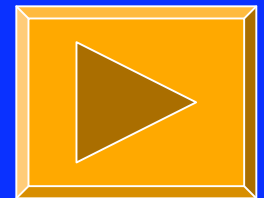
- What is DIFFERENTIAL REPRODUCTION?





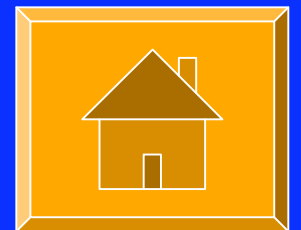
# Answer

- The Beagle



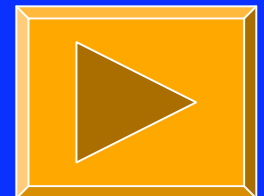
# Question

- What is the ship that Darwin traveled on?



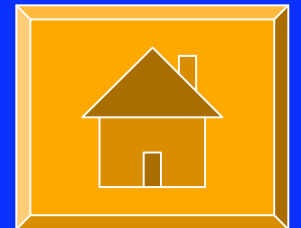
# Answer

- The genetic transmission of characteristics from parent to offspring.



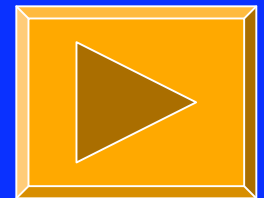
# Question

- What is heredity?



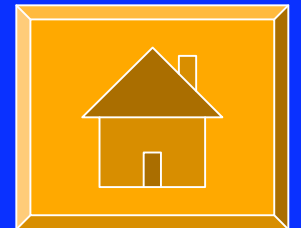
# Answer

- When looking at 2 traits, the one that is visible.



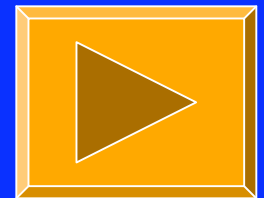
# Question

- What is phenotype?



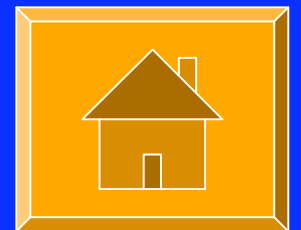
# Answer

- Natural Selection = Differential Reproduction + heredity + this.



# Question

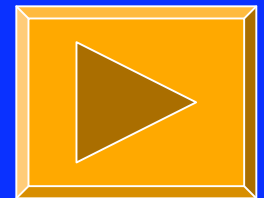
- What is variation?





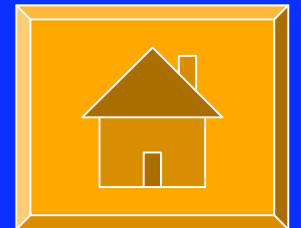
# Answer

- This is represented at the bottom of a phylogenetic tree (cladogram).



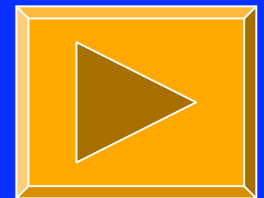
# Question

- What is a common ancestor?



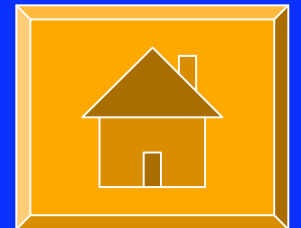
# Answer

- An event that causes a branching of a lineage.

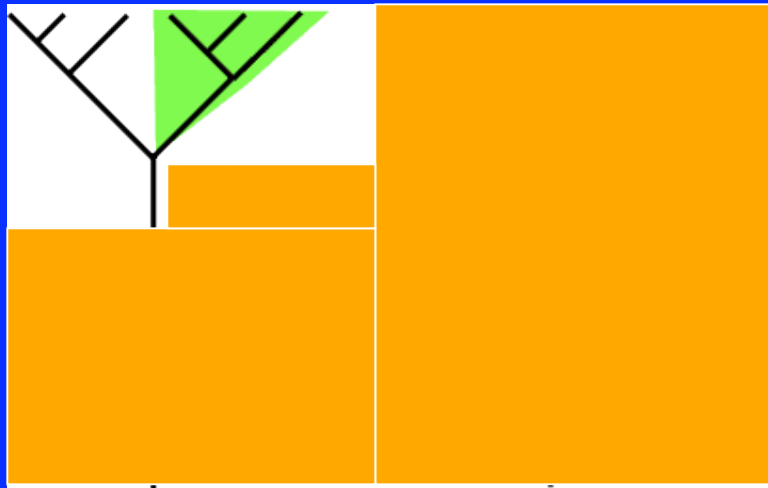


# Question

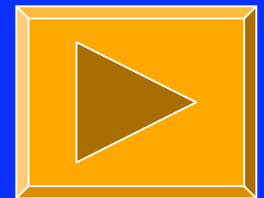
- What is a speciation event?



# Answer

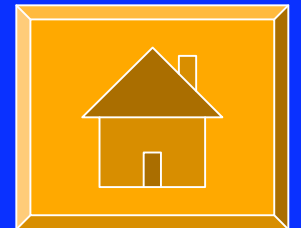


The name for the group of organisms represented by the green triangle.



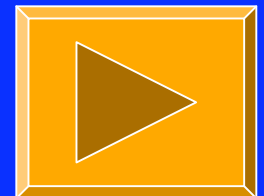
# Question

- What is a clade?



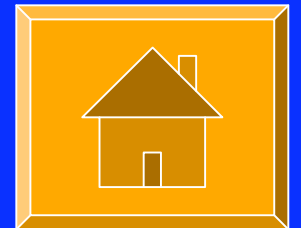
# Answer

- The descendants within a lineage are found at this location on the cladogram.



# Question

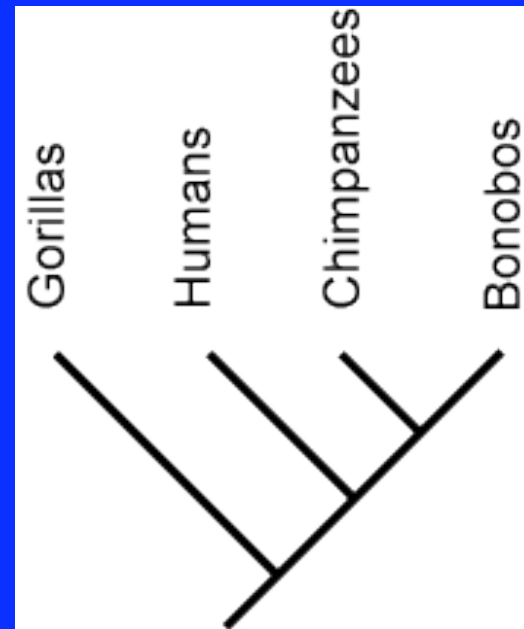
- What is the top of the tree/cladogram?





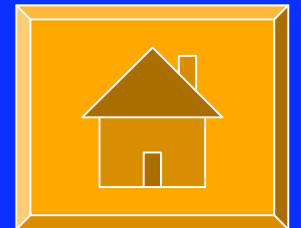
# Answer

- The closest relative to the bonobo.

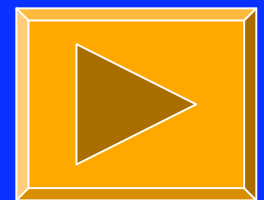


# Question

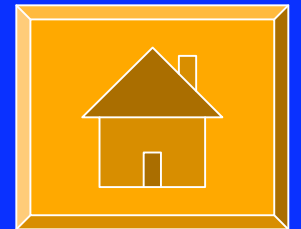
- What is a chimpanzee?



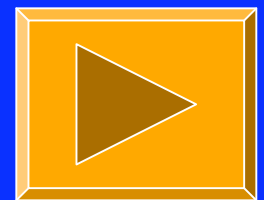
*Answer*



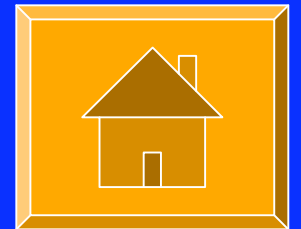
# Question



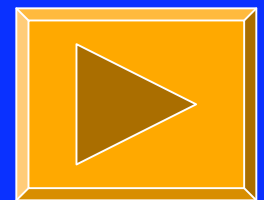
*Answer*



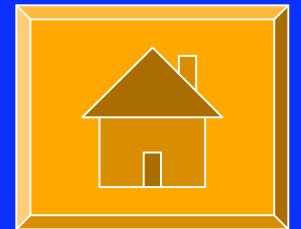
# Question



*Answer*

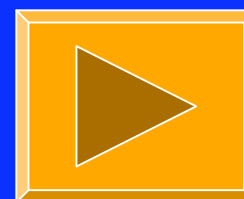


# Question

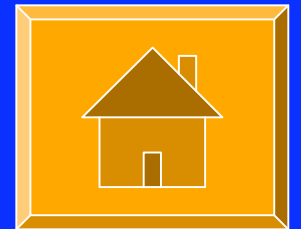




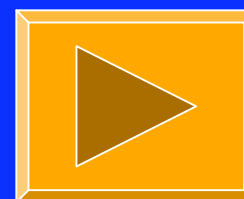
*Answer*



# Question



*Answer*



# Question

