Revinu Notks - Bly Quíz - p. 4
Darwin didn't know:

- How traits got imheritel (Genetios)
- how gues warked (DNA)

Theron:

1. Variation exists within spues
2. more indics. are bow than san survive
3. Struggle For existence
4. b/c of $\# 1$, some indies are better suitel to survive t reppodurn
(surviv el of the fittest)
S. over time, populations of
org. change - traits of fifties become mire Common
5. Wee specie descend, with Mretification, from existing specis
6. All organism have discendel from a single commit ancestor

Artificial Selection

- Humans select desirable tarits from variation in a mature to chang species
Darin: nature does this -
nat. selection on polyganic traits 1. Directional Selection -indians.@ ONE End of Bell curve become more fit



3. Disruptive selection

- indies.@ either End Bell curve become more fit


Souras of mutations:

1. Radiation or chemicals
2. random errors in DNA replication
Nat. sec. acts un phenotypes, not genotypes

Reproductive isolation - no longer interbreeding

- prerequisite for speciation

1. BEHAVIORAL
2. Geographic
3. TEmporal
