Genealogies in Cakeland

mutation and **selection** determine the population dynamics

mutation: child's type differs from parent's type

selection: 'fitter' types survive longer and have more children
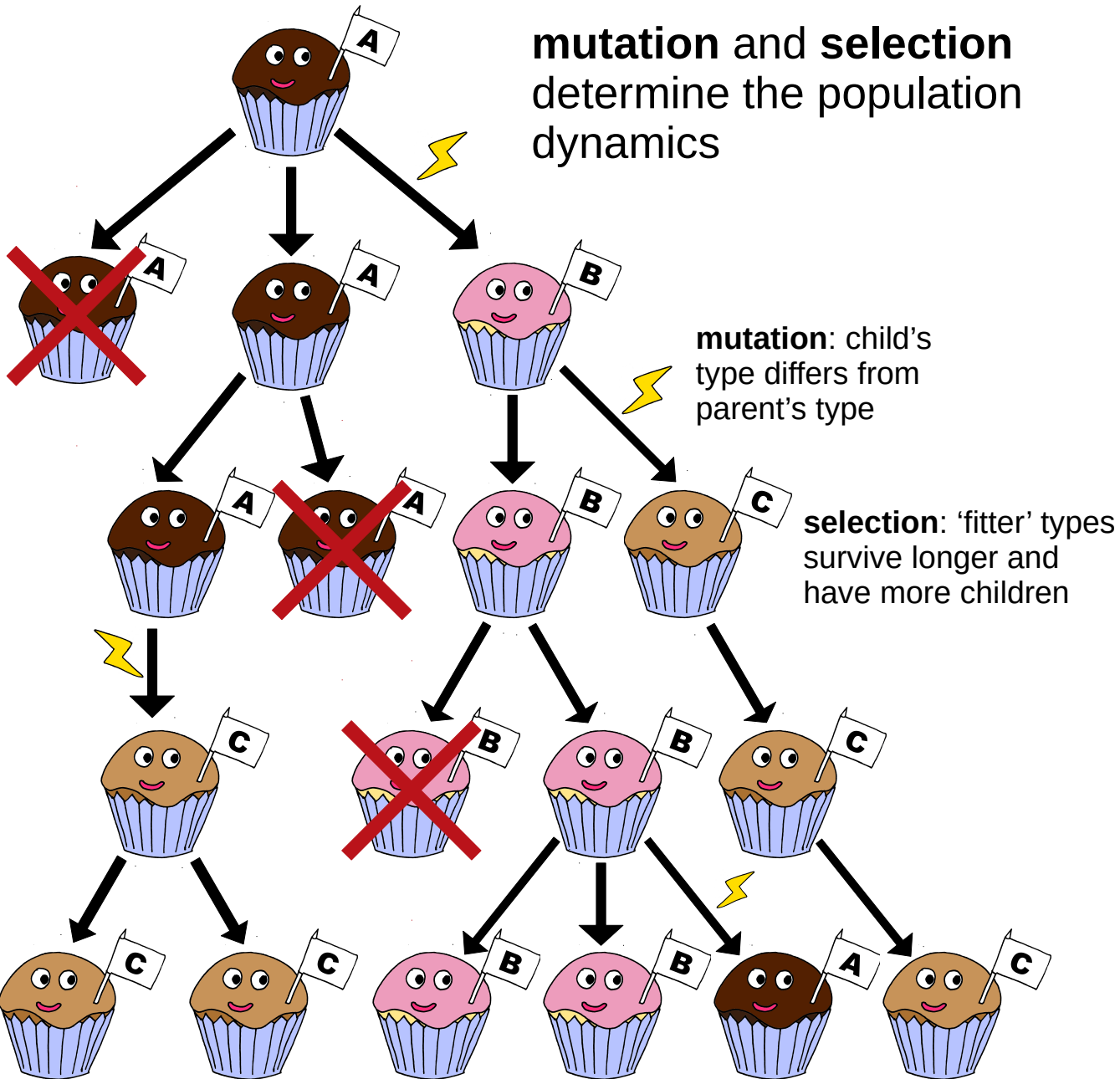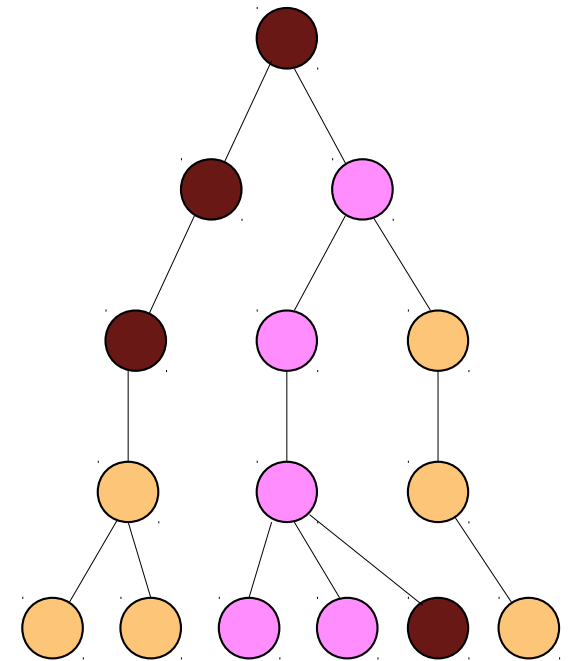
by removing individuals with no descendants we find the **genealogy**

Question: what do these genealogies look like in **algorithms** based on mutation and selection?