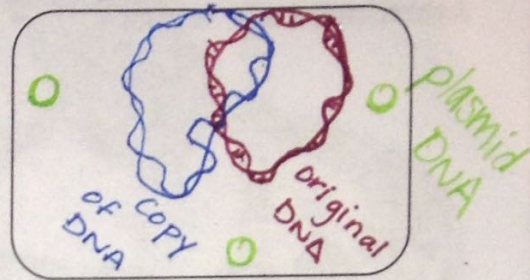


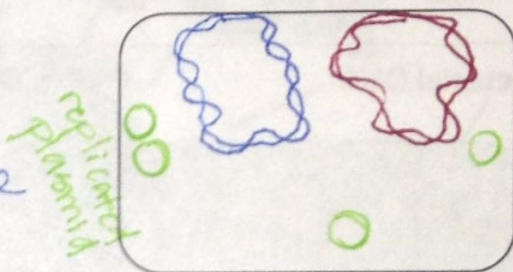
Binary Fission

a form of asexual reproduction
↳ making a genetic clone
↳ NOT mixing genetic info
from two individuals

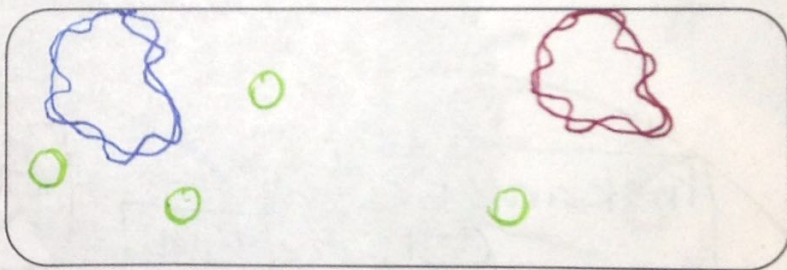
1. Prokaryotic chromosome duplicates (DNA replication)



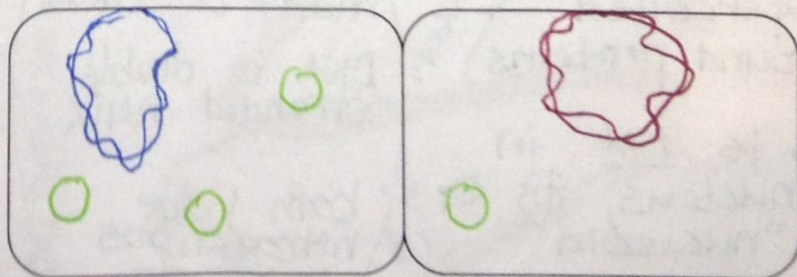
2. the new chromosome attaches to the cell membrane close to the original



3. cell membrane and wall grow causing the cell to elongate; pulling chromosomes apart



4. cell membrane and wall pinch in, separating the cell into two daughter cells each with a DNA nucleoid and about 1/2 of the cytoplasm



plasmids replicate and move independent of nucleoid