

Asexual Reproduction

- All _____ reproduce asexually.
- _____: making identical offspring from one _____.

Different varieties of asexual reproduction:

- 1) _____
- 2) _____

Binary Fission

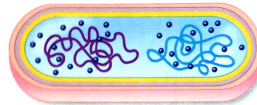
Binary fission: type of asexual reproduction in _____ that involves a cell _____ into two _____ cells.

- 1) _____ grows bigger and _____ is copied.



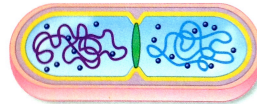
A young cell.

- 2) _____ forms around the _____ of the cell.



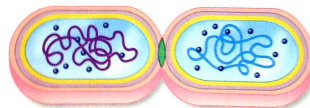
Chromosomes replicated, move to opposite sides.

- 3) _____, divided each parent cell into separate _____.



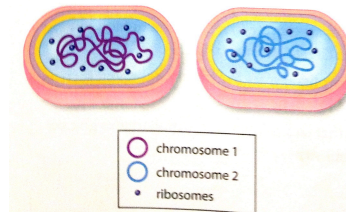
Protein band forms in centre of cell.

- 4) Now have two _____.



Septum formation begins.

Some prokaryotes remain attached while others separate totally.



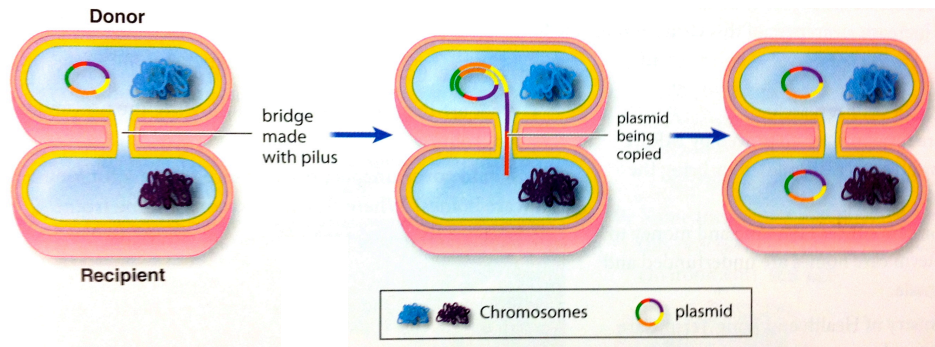
When septum complete, cells are divided. Either separate or stay together.

Conjunction

Conjunction: _____ of genetic information between two cells that are physically interacting.

Conjunction allows a species to _____ it's _____ and react to it's environment.

- 1) Two cells line up _____ each other.
- 2) Section of DNA is _____ from one to the other.
- 3) Cell that _____ the DNA _____ by binary fission.



Conjunction vs Binary Fission

Binary Fission

Conjunction