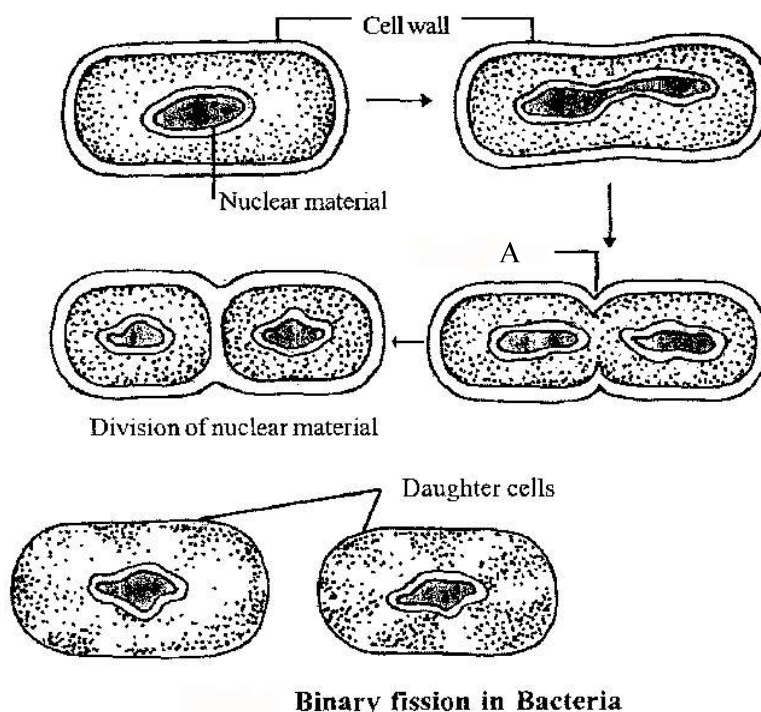


Name: _____



What is "A" on the diagram, above? _____

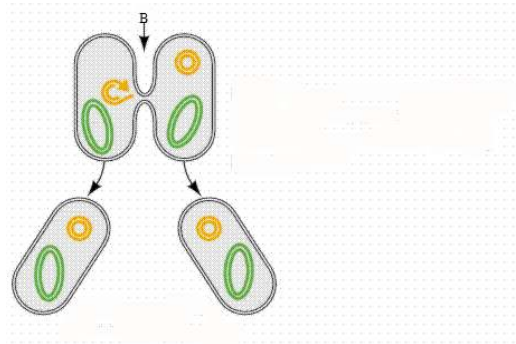
Bacterial cells cannot reproduce as eukaryotic cells do because bacterial cells _____. The genetic material of a bacterium consists of a/an _____.

As a bacterial cell grows it makes a _____ of its original, _____. When the cell becomes large enough, it _____ and the two chromosomes _____. The bacterial cell then builds a partition between the two halves; this partition is called a/an _____. The original cell splits into two smaller, _____ cells.

Under favourable conditions a bacterium can divide every _____.

In less favourable conditions, some bacterial reproduce sexually in a process called _____ . During _____, one bacterium transfers all or part of its chromosome to another bacterium through a structure called a pilus.

The process of sexual reproduction in bacteria allows for _____



What is "B" on the diagram above ? _____