

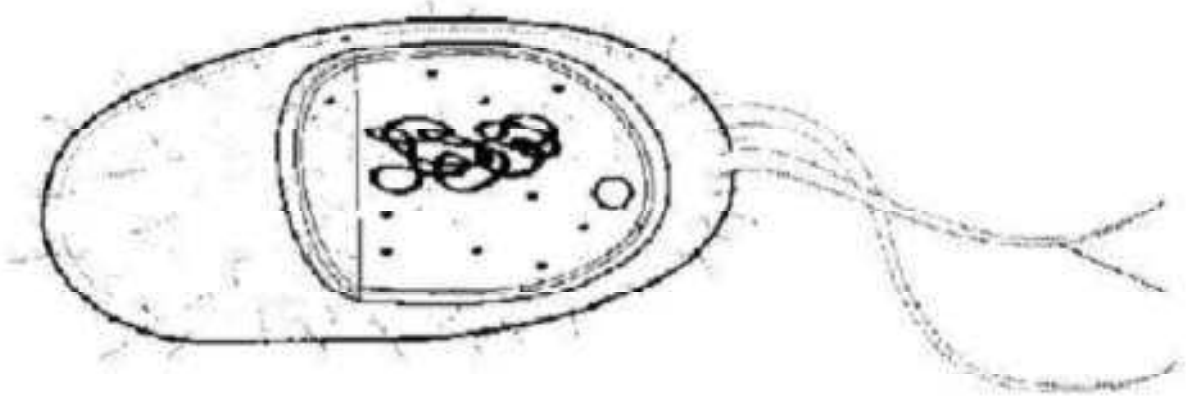
Name: _____ Block: _____ Date: _____

Bacteria Worksheet #1
Biology 11

1. How can you distinguish a prokaryote from a eukaryote?

2. Describe the differences between the two main groups of Kingdom Monera: Archaeobacteria and Eubacteria.

3. Identify each of the following structures on the bacterium below.
 - Capsule
 - Cell membrane
 - Cell wall
 - Chromosome
 - Flagella
 - Pilus
 - Plasmid
 - Ribosomes



Name: _____ Block: _____ Date: _____

4. Describe the three main groups of archaeobacteria, and the characteristics that distinguish them from each other.
5. Describe the three main groups of eubacteria, and the characteristics that distinguish them from each other.
6. How can bacteria be identified? Name and describe three ways.
7. Describe how bacteria reproduce
 - (a) Sexually
 - (b) Asexually
8. Explain the differences between obligate aerobes, obligate anaerobes, and facultative anaerobes. (3 marks)
9. List and briefly describe 5 ways in which bacteria are important to Earth.