

## BACTERIA WORKSHEET

Zebra Book - pgs 516-524

1. Where can bacteria be found? **Give examples:**
2. Prokaryotes were once in the Kingdom \_\_\_\_\_ and lacked a \_\_\_\_\_ and \_\_\_\_\_.
3. What are the 2 Domains for prokaryotes?  
\_\_\_\_\_ and \_\_\_\_\_
4. \_\_\_\_\_ live in extreme environments and are sometimes called \_\_\_\_\_.

### STRUCTURE:

5. **Label** the bacteria (prokaryotic cell) structures on the diagram. **Give the function/importance** of each. (Write the functions/importance on the diagram.)

Chromosome Capsule Pili Flagella Plasma membrane Ribosomes

6. Page 518: check out the size of bacteria compared to a cheek cell.
7. What are the 3 shapes of bacteria and the specific name of each?
  - a.
  - b.
  - c.

### REPRODUCTION:

8. Bacteria reproduce \_\_\_\_\_ by a process called \_\_\_\_\_.
9. Bacteria reproduce very \_\_\_\_\_.  
In ten hours, 1 bacterium can become \_\_\_\_\_ bacteria.

### METABOLISM:

10. Explain the difference between the following:

Heterotrophic Bacteria      Photoautotrophic Bacteria      Chemoautotrophic Bacteria