Name: ___________________________ Period: _____ Date: __________

BACTERIA
Directions: Answer the questions below. Use your notes and what you have learned about bacteria to help you answer the questions.

1. Where can common bacteria be found? **Give examples:**

2. Prokaryotes, which is another term for bacteria since they do not have a ______________, were once in the Kingdom ____________________________, but now are divided into the kingdoms ____________________________ and ____________________________.

3. What are the 3 terms for ways that bacteria can get their energy, or food?

4. __________________________ live in extreme environments.

5. Draw the 3 shapes of bacteria and write the specific name for each.

<table>
<thead>
<tr>
<th>Name</th>
<th>Shape</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

REPRODUCTION:

8. Bacteria have __________________________ reproduction by a process called ________________.
Organization of a Bacterial Cell

**STRUCTURE:**
Directions: Write the name of each part of the bacterial cell on the matching letter of the diagram above.

<table>
<thead>
<tr>
<th>Cell Membrane</th>
<th>Flagellum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cell Wall</td>
<td>Nucleoid</td>
</tr>
<tr>
<td>DNA</td>
<td>Ribosomes</td>
</tr>
</tbody>
</table>

A. __________________________________   D. ______________________
B. _________________________________   E. ______________________
C. _________________________________   F. ______________________

**Virus - Shapes**

Match the shape of each virus to the correct term.

1. Bacteriophage   ____________
2. Crystal         ____________
3. Cylinder        ____________
4. Sphere          ____________