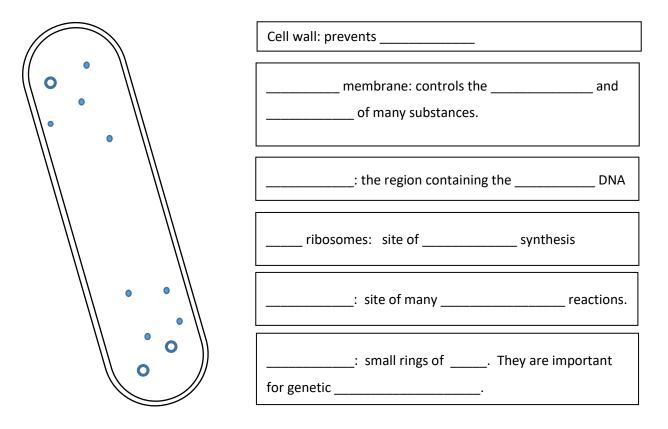
Prokaryotic Cells

- 1. Prokaryotic cells do not have _________ so therefore do not have organelles, such as rough endoplasmic reticulum, and their DNA is not enclosed in a __________. Also, the DNA in a prokaryote is not associated with _______ proteins, so is called _______ DNA.

 Prokaryotic cells divide by ________.
- Below is a rough representation of a _____- shaped bacteria. A common example of this type of bacteria is called ____. ____. Draw the ______ chromosome of DNA and add straight lines to the

correct structures. Then complete the labels and annotations.



- The diagram is missing ______, which are used for locomotion and ______ which are used for cell-to-cell adhesion for purposes such as exchanging ______. Add these two structures to the diagram. Not all prokaryotes have these structures.
- 4. Extension: The actual size of this type of bacteria is 2 μm . Work out the magnification of this diagram in space below.