Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_

**Cells- Review-** Use the textbook pp.322-326, pp.532-535, and/or your science notebook to answer these questions.

1. What is a cell?
2. What are the functions (jobs) of the following cell components (parts)?

*Cytoplasm*

*Cell membrane*

*Cell wall*

*Mitochondria*

*Chloroplast*

*Nucleus*

*Vacuole*

*Endoplasmic Reticulum*

1. What is the difference between a prokaryotic cell (prokaryote) and a eukaryotic cell (eukaryote)?

*Prokaryotic cell:*

*Eukaryotic cell*:

1. Which of the following kingdoms are prokaryotes and eukaryotes? Label them.

*Fungi*

*Plants*

*Animals*

*Bacteria*

1. Draw two cell models: *Plant cell and animal cell on the back.* For each cell, include and label the cell components that it may have. Use the list in #2 for cell components.

Plant Cell

Animal Cell