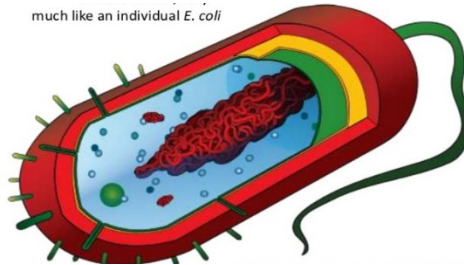


Name _____ Date _____ Period _____

Cells, Cells (they're made of organelles!) Quiz

Prokaryote vs. Eukaryote:

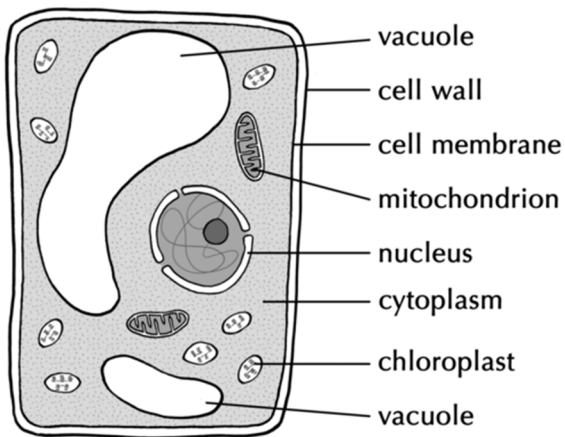
1. What is one difference between prokaryote and eukaryote cells?
2. Is this a prokaryote or eukaryote cell?



3. Which cell is thought to be older, prokaryote or eukaryote?

Organelles

4. Please label the organelles that are pictured/described.



5. The ribosome is an important organelle. What does it help do?
6. The cell membrane is composed of
 - a. A single layer of proteins
 - b. A phospholipid bi-layer
 - c. A carbohydrate bi-layer
 - d. A single layer of lipids

Name _____ Date _____ Period _____

7. What is one characteristic of active transport through the cell membrane?

Macromolecules

8. What are the three macromolecules that make up most cells?

9. What three periodic table elements make up most living things?

10. Proteins are very complex molecules. All of them, however, are made up of basic building blocks called:

- a. Polypeptides
- b. Amino Acids
- c. Carbohydrates
- d. Glucose