

Name: _____

Period: _____

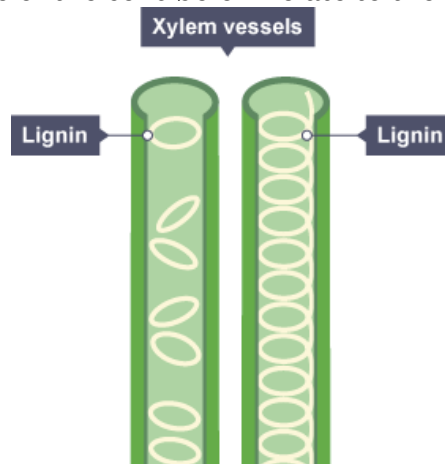
The Cell: 2.2 review

1. **Distinguish** between the cell wall and the cell membrane.
2. **Use the terms** *mitochondria* and *chloroplast* in a sentence.
Sentence 1:

Sentence 2:
3. **Define** *organelle* in your own words.
4. Which organelle is used to store water?
a. Chloroplast
b. Lysosome
c. Nucleus
d. Vacuole
5. **Explain** the role of the cytoskeleton.
6. **Draw** a prokaryotic cell and label its parts.

7. **Compare** the roles of the endoplasmic reticulum and the Golgi apparatus.

8. **Explain** how the structure of the cells below relate to their function (found in plant cells).



9. **Compare** the structures of a plant cell to the structure of an animal cell.

Structure	Plant cell	Animal cell
Cell membrane	Yes	yes
Cell wall		
Mitochondria		
Chloroplast		
Nucleus		
Vacuole		
Lysosome		

10. Why are most organelles surrounded by membranes?

11. **Compare** the features of eukaryotic and prokaryotic cells.