

Cell Biology
Organelles Part 1

Name: _____
Period: _____

Use Chapter 4, Section 2 of your textbook to answer the questions below.

Cytoskeleton (p.122)

1. The web of proteins in the cytoplasm of some cells is called _____.
2. What are attached to the cytoskeleton? _____
- _____ 3. What gives animal cells their shape?
a. the cell wall b. the cell membrane c. the cytoplasm d. the cytoskeleton
4. Besides providing shape for the cell, the cytoskeleton also is used for _____.



Nucleus (p.122)

5. Inside the nucleus of a eukaryotic cell, there is _____.
- _____ 6. What controls the chemical reactions in a cell?
a. proteins b. cytoplasm c. phospholipids d. cell membrane
7. The nucleus is covered by two _____.
- _____ 8. Where in the nucleus does a cell begin to make its ribosomes?
a. membrane b. pore c. cytoskeleton d. nucleolus



Ribosomes (p.123)

9. Ribosomes are organelles that make _____.
10. Ribosomes are the most common organelle in a cell. (True / False) _____
11. Ribosomes use _____ to make proteins.
- _____ 12. What kind of cells have ribosomes?
a. only blood cells b. only plant cells c. only animal cells d. all cells



Endoplasmic Reticulum (p.123)

13. The endoplasmic reticulum is a place in the cell where materials are _____.
14. _____ are the organelles that make the endoplasmic reticulum look rough and bumpy.
15. The endoplasmic reticulum _____ proteins throughout the cell.

