Cell Biology Name:

Parts of a Cell Period:

Use Chapter 4, Section 1 of your textbook to answer the questions below.

Parts of a Cell (p.117)

1. All cells have _____ in common.

The Cell Membrane and Cytoplasm

_____ 2. Where is the cell membrane located?
a. inside the cell
b. around the outside of the cell
c. in the center of the cell
d. in organelles

_____ 3. Which of the following does NOT describe the cell membrane?
a. controls what goes into and out of the cell
b. is made of fluid
c. covers the surface of the cell
d. protects the inside of the cell from whatever is outside the cell

4. The fluid (and the stuff floating in it) inside every cell is called _____.

Organelles

5. Structures in every cell that have specific jobs are called _____.

6. In Figure 4, the cytoplasm is made up of _____ and _____.

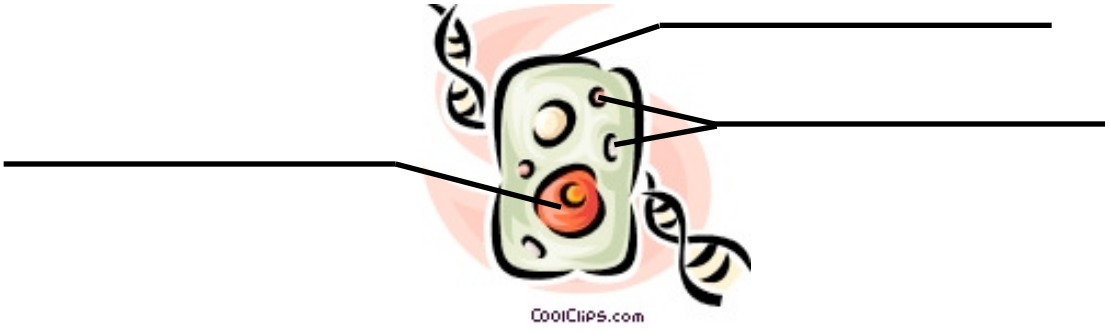
_____ 7. Which of the following does NOT describe where organelles can be found?
a. outside the cell
b. attached to membranes
c. attached to other organelles
d. floating in cytoplasm

Genetic Material

8. At some time in its life, every cell has _____.

9. Where does DNA come from? _____

10. Plant and animal cells store DNA in an organelle called a _____.

11. DNA gives cells _____ on how to make or do things.

12. On the diagram below, add the following labels: cell membrane, organelles, nucleus