

## Life Science Quiz: Cells

### Part 1: Cell Organelles and Processes

Directions: Fill in the blank with the correct word(s) from the list below.

cell membrane

cell wall

chloroplast

endoplasmic reticulum

eukaryotic

golgi body

mitochondria

nucleus

prokaryotic

ribosomes

vacuole

1. A \_\_\_\_\_, which uses sunlight to make energy, is found only in plant cells.
2. The \_\_\_\_\_ is selectively permeable, only letting certain substances into or out of the cell.
3. \_\_\_\_\_ serve as the cell's batteries, providing energy for cellular processes.
4. Proteins are made in the \_\_\_\_\_.
5. A \_\_\_\_\_ cell, like bacteria, does not have a nucleus.
6. The \_\_\_\_\_ can be either rough or smooth, depending on whether or not ribosomes are on it. It moves things around in the cell.
7. The \_\_\_\_\_ contains the cell's genetic material and controls cellular activities.
8. The \_\_\_\_\_ is a stack of membranes that help "customize" proteins by adding pieces to them or subtracting pieces away from them.
9. A \_\_\_\_\_ is made of carbohydrates and supports and protects plant cells.
10. A large \_\_\_\_\_ can be found storing water and nutrients in plant cells.
11. Plant and animal cells always have a nucleus, which means they are \_\_\_\_\_ cells.

### Part 2: Cell Labeling

Directions: Label parts 1-5 in the animal cell drawing using organelles from the word bank in Part 1.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

