

Name _____

How is a cell like a city?

Cell Part	Function	City Analogy	City Analogy Explanation
Cell membrane			
Golgi complex			
Mitochondria			
Nucleus			
Ribosome			
Endoplasmic Reticulum			
Lysosome			
Vacuole			
DNA			

Descriptions/Functions (Write the correct letter in the “function” boxes above.)

- Packages up things made in the cell.
- Control center for the cell; gives directions for cell operations; holds blueprints for cell parts.
- An internal delivery system for the cell.
- Provides the boundaries for the activities that go on within the cell
- Breaks down old or damaged structures of the cell
- Stores water, waste, and other materials for the cell
- Makes all kinds of things to use in the cell and to send out of the cell
- The blueprints of the cell
- Creates and stores energy for the cell

City Analogies

City limits
Postal service
Sanitation
Power plant
Workers
Factory
Warehouse
City Hall
City plans