

Comparing a Cell to a Factory

The Cell as a System

Name _____

Fill in the chart below while reading information at the following website:

A Busy Factory

<http://www.beyondbooks.com/lif71/4a.asp>

In the second column of the chart, write the name of the organelle that functions most like the factory worker described in the first column. In the third column, write a brief description of the function of the organelle in the cell.

Job in the Factory	Cell Organelle	Function of the organelle
Shipping/Receiving Department		
Chief Executive Officer (CEO)		
Factory floor		
Assembly line (where workers do their work)		
Workers in the assembly line		
Finishing/packaging department		
Maintenance crew		
Support beams (walls, ceilings, floors)		
Power plant		