

Name: _____

Date: _____ Period: _____

Bio 10: Chapter 7-2 Worksheet

1) Fill in the chart below, indicating what type of cell the organelle is found in, it's role in the cell, and what the corresponding "factory" component is. See example.

Name of organelle	Found in plant, animal or both?	Function of organelle	"Factory" equivalent
EX: Cell membrane	Both	Separates inside of cell from outside	Walls of factory
Cell wall			
Cytoskeleton			
Nucleus			
Nucleolus			
Ribosomes			
Smooth Endoplasmic Reticulum			
Rough Endoplasmic Reticulum			
Mitochondria			
Chloroplasts (type of plastid)			
Golgi Apparatus			
Vesicles			
Vacuole			
Lysosome			

2) How can you tell if a cell belongs to a plant or animal? Give three ways you can tell the difference.

a) _____

b) _____

c) _____

3) When a cell divides, it has to move organelles around so that each daughter cell gets a fair share. What two major organelles would be used to accomplish this?

a) _____

b) _____

4) Bacteria cells are **prokaryotic**. Which organelles from the list would still be present in a bacteria?

5) Which organelles would be missing from a bacteria?
