

Name: _____

Date: _____

Period: _____

Cell Organelles Worksheet

Complete the following table by writing the name of the cell part or organelle in the right hand column that matches the structure/function in the left hand column. A cell part **may** be used more than once.

Structure/Function	Cell Part
1. Stores material within the cell	
2. Closely stacked, flattened sacs (plants only)	
3. The sites of protein synthesis	
4. Transports materials within the cell	
5. The region inside the cell except for the nucleus	
6. Organelle that manages or controls all the cell functions in a eukaryotic cell	
7. Contains chlorophyll, a green pigment that traps energy from sunlight and gives plants their green color	
8. Digests excess or worn-out cell parts, food particles and invading viruses or bacteria	
9. Small bumps located on portions of the endoplasmic reticulum	
10. Provides temporary storage of food, enzymes and waste products	
11. Firm, protective structure that gives the cell its shape in plants, fungi, most bacteria and some protists	
12. Produces a usable form of energy for the cell	
13. Packages proteins for transport out of the cell	
14. Everything inside the cell including the nucleus	
15. Site where protein synthesis occurs on the homepage for more information. We will cover this topic in the next unit.	

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A dividing cell is not making proteins

When a cell is going to go through mitosis or meiosis the chromosomes appear on the scene. Each **chromosome** is a condensed form of DNA that forms wherever a cell is going to replicate itself or make a sex cell. The DNA is not in the form of chromosomes when the cell is just doing its normal function as you saw in the film. The chromosomes appear when a cell is