

Name _____ Date _____ Per _____

Organelle Riddles

Read each description below and then identify the correct cell structure. Write your answer in the line provided using only 10 of the following words:

| | | |
|-----------------------|---------------|--------------|
| Cytoplasm | Cell membrane | Vacuole |
| Endoplasmic Reticulum | Cell Wall | Chloroplast |
| Nucleus | Vacuole | Chromosomes |
| Mitochondria | Lysosomes | Mitochondria |

1. I'm a real "powerhouse"
That's plain to see
I break down food
To release energy.
What am I? _____

6. I'm a series of tubes
Spread throughout the cell
I transport proteins
And other things as well.
What am I? _____

2. I'm strong and stiff
Cutting through me is tough
I'm found only in plants
I'm what makes you tough.
What am I? _____

7. I'm full of holes
Flexible and thin
I control what gets out
As well as what comes in.
What am I? _____

3. My outer space colored bodies
And I contain DNA
I pass on traits to new cells
In a systematic way.
What am I? _____

8. Proteins are made here
Even though I'm quite small
You can find me in the cytoplasm
Or attached to the ER's wall.
What am I? _____

4. I'm the back of the cell
Or really any
I regulate activities
From day to day.
What am I? _____

9. I've been called the storage tank
By those with little sense
I'm a sack filled with water,
Food, enzymes, and more.
What am I? _____

5. I'm found only in plant cells
I'm as green as you are
I make food for the plant
Using the sun's energy.
What am I? _____

10. Some I contain many enzymes
I can digest an injured cell
And can break down a large molecule
into many tiny molecules as well.
What am I? _____