

## Can You Identify These Cell Structures?

Read each description and then identify the cell structure. Write your answer on the line provided.

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  
Found throughout the cell.  
I transport proteins  
And other things as well.

What am I? \_\_\_\_\_

2. I'm strong and stiff  
Getting through me is tough.  
I'm found only in plants,  
But I guess that's enough.

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 name means "colored bodies,"  
And I contain DNA.  
I pass on traits to new cells  
In a systematic way.

What am I? Chromosomes

8. Proteins are made here  
Even though I'm quite small.  
You can find me in the cytoplasm  
Or attached to E.R.'s wall.

What am I? \_\_\_\_\_

4. I'm the "brain" of the cell  
Or so they say.  
I regulate activities  
From day to day.

What am I? \_\_\_\_\_

9. I've been called a "storage tank"  
By those with little taste.  
I'm a sac filled with water,  
Food, enzymes, or waste.

What am I? \_\_\_\_\_

5. Found only in plant cells,  
I'm green as can be.  
I make food for the plant  
Using the sun's energy.

What am I? \_\_\_\_\_

10. Since I contain many enzymes,  
I can digest an injured cell;  
And can break down a large molecule  
Into a smaller one as well.

What am I? \_\_\_\_\_