

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? _____

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? _____