Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_

**#\_\_\_\_\_\_**

**Cell Diagrams & Can You Identify Me?**

Read each description and then identify the cell structure 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? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. 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? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. My name means “colored bodies”,

and I contain DNA.

I pass on traits to new cells

in a systemic way.

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

1. I’m the “brain” of the cell

or so they say.

I regulate activities

from day to day.

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

1. 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? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. I’m a series of tubes

found throughout the cell.

I transport proteins.

and other things as well.

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

1. I’m full of holes,

flexible and thin.

I control what gets out

as well as what comes in.

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? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9. I’ve been called a “storage tank”

 by those with little taste.

 I’m a sac filled with

 water, food or waste.

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

10. Since I contain many enzymes,

 I can digest an injured cell and

 I can break down a large molecule

 into a smaller one as well.

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

