

Name: \_\_\_\_\_ Date: \_\_\_\_\_

# CELL RIDDLES

Read each description below and then identify the correct vocabulary word. Write your answer on the line provided choosing from the following words:



Chlorophyll  
Organelle  
Nucleus

cell membrane  
cell wall  
Vacuole

cytoplasm  
chloroplast  
Mitochondria

1. I'm a real "powerhouse"  
That's plain to see  
I break down food  
And release energy

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

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

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

2. I'm strong and stiff  
Getting through me is rough  
I'm found only in plant cells  
I'm what makes them so tough

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

6. My name means "green leaf"  
I'm the pigment in a plant cell  
That causes its green color  
And absorbs the sun's energy well

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

3. I'm the fluid in the cell  
That fills in the space  
My main purpose is  
To hold organelles in place

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? \_\_\_\_\_

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

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

8. I've been called the storage tank  
By those with little taste  
I'm a sack filled with water,  
Food, enzymes, and waste

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

Name: \_\_\_\_\_ **ANSWER KEY** \_\_\_\_\_ Date: \_\_\_\_\_

# CELL RIDDLES

Read each description below and then identify the correct vocabulary word. Write your answer on the line provided choosing from the following words:



Chlorophyll  
Organelle  
Nucleus

cell membrane  
cell wall  
Vacuole

cytoplasm  
chloroplast  
Mitochondria

1. I'm a real "powerhouse"  
That's plain to see  
I break down food  
And release energy

What am I? **MITOCHONDRIA**

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

What am I? **CHLOROPLAST**

2. I'm strong and stiff  
Getting through me is rough  
I'm found only in plant cells  
I'm what makes them so tough

What am I? **CELL WALL**

6. My name means "green leaf"  
I'm the pigment in a plant cell  
That causes its green color  
And absorbs the sun's energy well

What am I? **CHLOROPHYLL**

3. I'm the fluid in the cell  
That fills in the space  
My main purpose is  
To hold organelles in place

What am I? **CYTOPLASM**

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

What am I? **CELL MEMBRANE**

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

What am I? **NUCLEUS**

8. I've been called the storage tank  
By those with little taste  
I'm a sack filled with water,  
Food, enzymes, and waste

What am I? **VACUOLE**