

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