

## Biology Chapter 7 Section 1

Objectives: Students will

- A) Identify five scientist's contributions to the cell theory
- B) List the three parts of the cell theory
- C) Compare prokaryotes and eukaryotes
- D) Compare plant, animal cells and viruses

Scientist Name	Discovery

B) List the three parts of the cell theory

1. All \_\_\_\_\_ are composed \_\_\_\_\_

2. The \_\_\_\_\_ is the \_\_\_\_\_

3. All cells come from \_\_\_\_\_

\_\_\_\_\_

C) Compare prokaryotes and eukaryotes

Two basic cell types:

### Prokaryotic Cells

\_\_\_\_\_ cells

No \_\_\_\_\_

No \_\_\_\_\_

Have \_\_\_\_\_,

\_\_\_\_\_, free

\_\_\_\_\_ &

free \_\_\_\_\_

Lack membrane bound \_\_\_\_\_

\_\_\_\_\_

### Eukaryotic Cells

Evolved from \_\_\_\_\_

Contain a \_\_\_\_\_

with \_\_\_\_\_

Have \_\_\_\_\_

Also have \_\_\_\_\_,

\_\_\_\_\_ &

\_\_\_\_\_

Have \_\_\_\_\_

## An Organelle Is:

Obj. D) Compare plant, animal cells, and viruses.

ANIMAL

PLANT

1. No \_\_\_\_\_,  
Just a \_\_\_\_\_

2. \_\_\_\_\_  
= involved in \_\_\_\_\_  
\_\_\_\_\_

1. \_\_\_\_\_  
= absorbs \_\_\_\_\_, makes  
\_\_\_\_\_ through

photosynthesis = \_\_\_\_\_  
2. \_\_\_\_\_ =  
rigid outer structure, made of  
\_\_\_\_\_ (fiber)

\* \_\_\_\_\_ =  
carbohydrate found in cell  
walls

3. \_\_\_\_\_  
= \_\_\_\_\_

A) Compare plant, animal cells and viruses

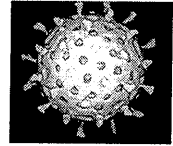
What are viruses?

Not \_\_\_\_\_.

Need \_\_\_\_\_ to  
survive.

Contain \_\_\_\_\_ or  
\_\_\_\_\_

\_\_\_\_\_ into \_\_\_\_\_



Exit Ticket –Complete the following for a summary:

- 3 things I learned are
- A.
- B.
- C.
- 2 things I have questions about are
- A.
- B.
- 1 thing I will never forget is
- A.