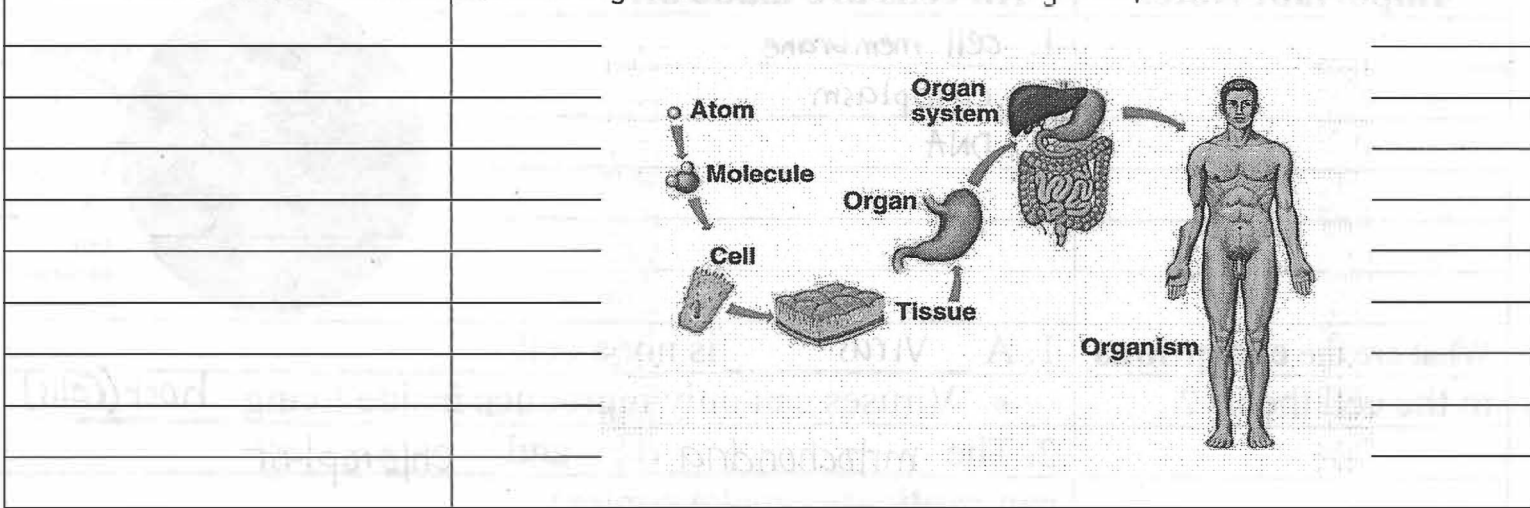


Name:	Date:	
Period:	Do Now# 2-4	Homework# 2-4

Aim:

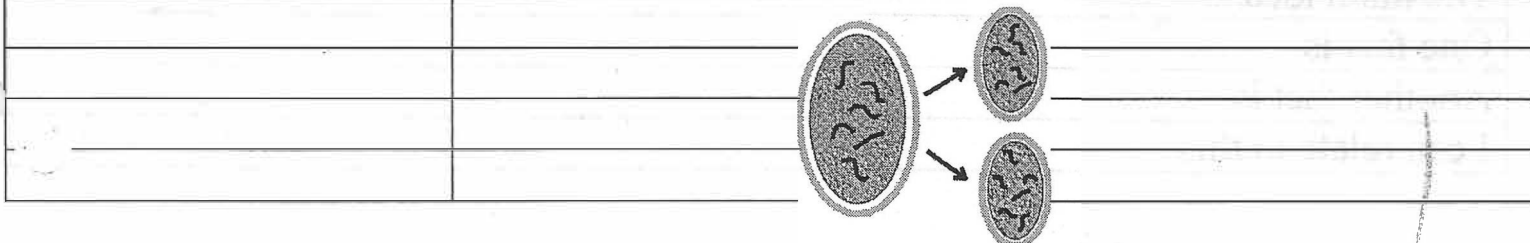
- Vocabulary: (6)**
- | | | |
|---------------|---------------|--------------|
| 1. Organelles | 3. tissue | 5. eukaryote |
| 2. Cell | 4. prokaryote | 6. replicate |

What are the different levels of organization in organisms?	<p>Organelles (Small parts of the <u>cell</u>)</p> <p>↓</p> <p>Cell (Basic unit of <u>life</u>)</p> <p>↓</p> <p>Tissue (Group of <u>cells</u>)</p> <p>↓</p> <p>Organ (Group of <u>tissues</u>)</p> <p>↓</p> <p>Organ System (Group of <u>organs</u>)</p> <p>↓</p> <p>Organism (All <u>organ</u> systems)</p>
---	---

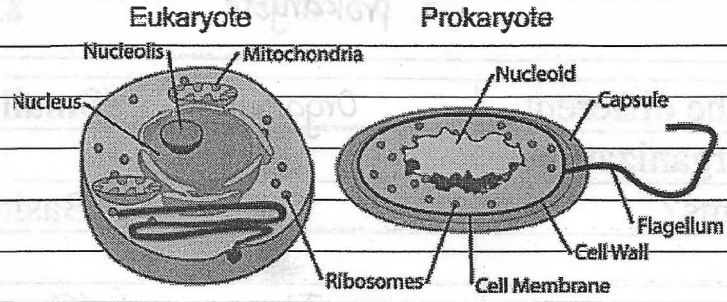


What are the 3 statements of the cell theory?

1. The cell is the basic unit of all living things.
2. The cell is the basic function of all living things.
3. All cells come from pre existing cells.

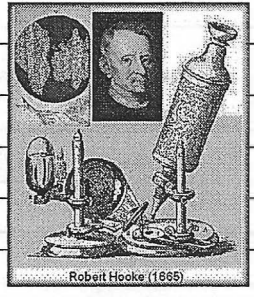


Questions/Main Ideas:	Notes:	
What are the 2 types of cells?	1. Prokaryote	2. Eukaryote
	a. Cells that lack <u>nucleus</u>	a. Cell's DNA enclosed by a <u>nuclear membrane</u>
	b. Example: <u>bacteria</u>	b. Examples: <u>animal cells</u> <u>plant cells</u>



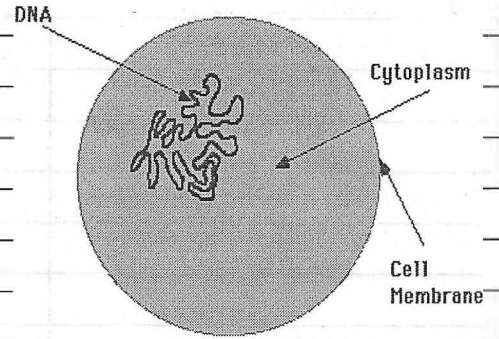
Who is Robert Hooke?

1. Invented the *compound microscope*.
2. Discovered *cells*.



Important Note:

- * All cells are made of:**
1. cell membrane
 2. cytoplasm
 3. DNA



What are the **exceptions** to the cell theory?

1. A virus is not a cell.
 - Viruses can only reproduce inside living host (cells)
2. The mitochondria and chloroplast can **replicate**. (make copies)

Summary: 2 points

The main idea is

One fact is

Another fact is

I can relate to this