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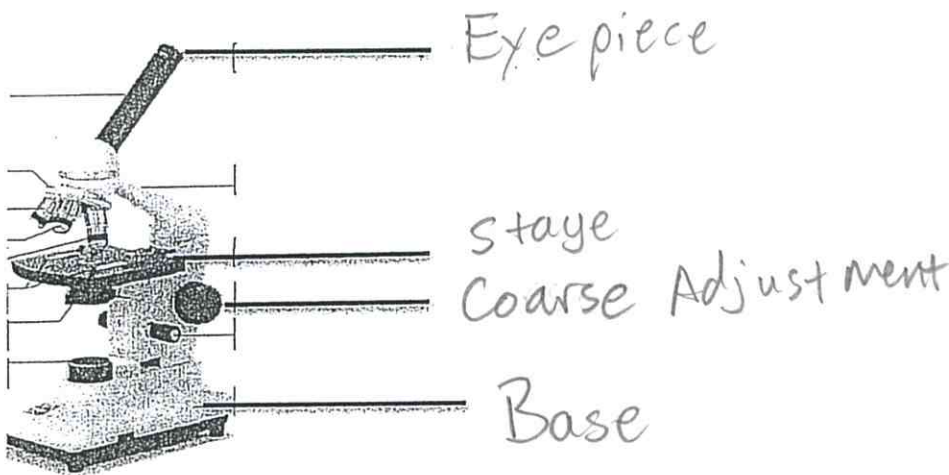
Date:

Hour:

Cell Theory

1. Developed over a time period of 200 years.
2. The first scientist to discover and describe cells was Robert Hooke
3. What are the 3 parts of the cell theory?
 - A. All organisms are made of one or more cells
 - B. cells are the basic unit of life
 - C. cells are created from existing cells
4. Theodor Schwann was the scientist who studied animal cells and also created the first 2 parts of the cell theory.
5. Robert Hooke and Anton van Leeuwenhoek not only helped discover cells, they also helped to develop the Microscope

Microscopes



Cells

1. cells are the smallest unit that can perform all processes necessary for life.
2. This part of a cell forms a protective barrier between the cell and its environment.
Cell Membrane.
3. Cells can only be created from other cells.
4. Cytoplasm is the fluid and almost all of the contents inside of a cell.
5. Organelles are structures in a cell that perform specific functions
6. The genetic material needed to make new cells is DNA or deoxyribonucleic acid.