

# Feb 10, 2012

- 1) Review definitions etc
- 2) Quiz Chapters 1,2
- 3) Cell Theory and Organelles

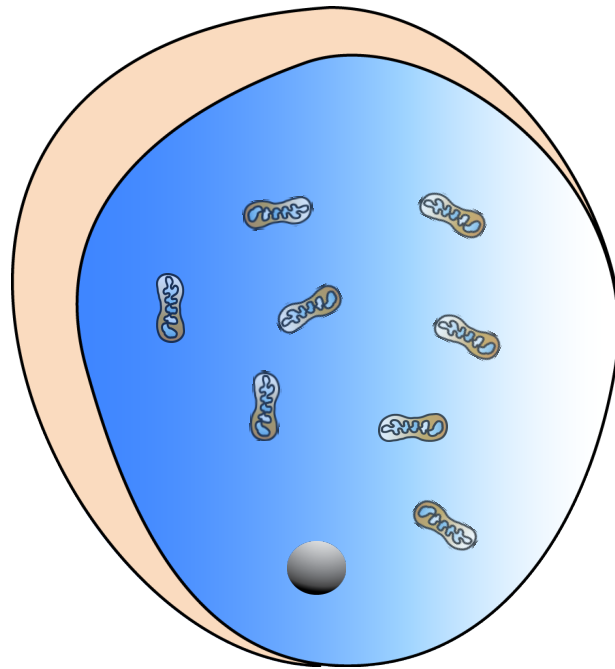
## Warm-Up

How many cells make up the human body?

one hundred trillion

# Quiz

What is the smallest unit of organization in living things? What are you made of?



### Emergence of Cell Theory

**1665- Hooke observed the cell walls of cork.**

**1668- Leewenhoek observed living blood cells, bacteria and single celled organisms.**

**1820- Robert Brown discovered the nucleus (nuclei) plural.**

**Schwann and Schleiden came up with the idea that plants and animals are composed of cells. This gave way to the cell theory.**

# Cell Theory

- \*1. All organisms are composed of one or more cells.
- \*2. Cell is smallest living unit.
- \*3. Cells arise only from other living cells.

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## Attachments

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Cell\_Parts\_in\_Plants\_and\_Animals.asf

Introducing\_the\_Cell.asf