

# Cell Theory

Ch. 7.1

- \* cell theory
- \* What all cells share
- \* cell
- \* pro v. eu

\* Basic Unit of Life

\* Cell - Robert Hooke  
- microscope

\* All cells contain

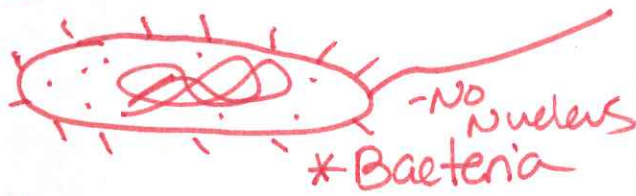
1. \* membrane
2. cytoplasm
3. genetic info.
- (4) ribosome

\* Cell Theory

1. @ least 1 cell
2. smallest "living" thing
3. cells come from pre-existing cells

\* Prokaryote

- before (nucleus)



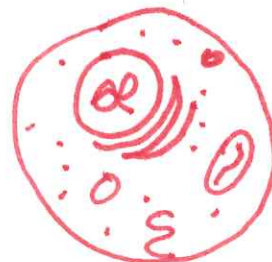
1<sup>st</sup> cells  
smaller / simpler  
always single-celled

Vocabulary

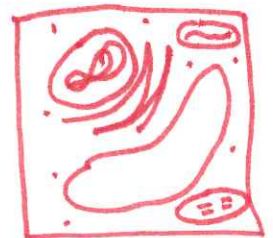
1. Cell Theory
2. Prokaryote
3. Eukaryote
4. nucleus
5. cell membrane

\* Eukaryote

- with (nucleus)



Animal



Plant

- larger / more complex  
- plants / animals / fungi  
4 main parts

1. membrane (outside)
2. cytoplasm (inside)
3. \* nucleus (DNA)
4. organelles