Name _____ Period _____

Prokaryotes and Eukaryotes Venn Diagram

Place the following descriptions in the correct locations on the Venn Diagram. *Each description will only be used once!*

Has organelles	Includes plants, animals, protozoa, and fungi	No nucleus
DNA in nucleus	Smaller cells	Is ONLY unicellular (bacteria)
All life came from these cells	Cells contain DNA	No organelles
Can be unicellular or multicellular	Cells have cytoplasm	DNA bunched in center of cell
Has a cell membrane	2.0 billion years old	Larger cells by 10x
3.5 billion years old	Cells have a nucleus	Means "before nucleus"
Means "true nucleus"		

Choose which type of cell best fits each description. Write the letter of each cell type in the blank provided at the left of the description.

P = Prokaryotic cells
E = Eukaryotic cells
B = Both Prokaryotic and Eukaryotic cells

_____	**1.**	Has a definite, well-defined nucleus
_____	**2.**	Type of cells in *your* body
_____	**3.**	Have DNA
_____	**4.**	Bacteria cells
_____	**5.**	Multicellular
_____	**6.**	Has cytoplasm
_____	**7.**	Can live as unicellular organisms ** Think about it **
_____	**8.**	Type of cells found in plants
_____	**9.**	Type of cells found in a goldfish
_____	**10.**	Carry out every activity associated with living things

Venn Diagram

Comparing and Contrasting

_____ _____