

Name \_\_\_\_\_ Date \_\_\_\_\_ Section \_\_\_\_\_

### Prokaryotic and Eukaryotic Worksheet

Directions: Write in the similarities and differences between the prokaryotic and eukaryotic cells

- smaller(1-5 um)
- No membrane bound organelles
- Reproduces by binary fission
- Undergoes Mitosis/Meiosis/to make new cells
- Ribosomes present
- Has cytoplasm
- Has plasma membrane
- Evolutionarily older type of cell

Multicellular  
Has linear DNA in a nucleus  
Membrane-bound organelles  
Larger (10-100 um)  
Bacterial Cells  
Plant cells  
Animal Cells

Has DNA  
Has a nucleoid (condensed circular DNA)  
Can have a cell wall  
Unicellular

