

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

