

Name _____ Date _____ Section _____

Prokaryotic and Eukaryotic Worksheet

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

• smaller(1-5 um)	Multicellular	Has DNA
• No membrane bound organelles	Has linear DNA in a nucleus	Has a nucleoid (condensed circular DNA)
• Reproduces by binary fission	Membrane-bound organelles	Can have a cell wall
• Undergoes Mitosis/Meiosis/to make new cells	Larger (10-100 um)	Unicellular
• Ribosomes present	Bacterial Cells	
• Has cytoplasm	Plant cells	
• Has plasma membrane	Animal Cells	
• Evolutionarily older type of cell		

