Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Cell Study Guide

1)What is the difference between a living and non-living thing?

2) What is one thing that all living organisms need?

3)How does the sun help living organisms?

4) What does a microscope do?

5) How do microscopes help scientists?

6)What is a cell?

7)What is a prokaryote and what makes them different from eukaryotes?

Know the functions of the following organelles.

Nucleus –

Mitochondria –

Ribosome –

Chloroplast –

Lysosome –

Vacuole –

Cell membrane –

Cell wall –

Cytoplasm –

Endoplasmic reticulum smooth –

Endoplasmic reticulum rough –

Golgi body –

Draw and label the different parts of the cell.

Be able to compare and contrast prokaryotes and eukaryotes.

What are the levels of organization in the body starting with the cell and working up towards the organism.

What are some examples of organs?