***Biology 9 – Cells, Mitosis, and DNA Practice Quiz***

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1. Name the 4 different types of nucleotides,

Adenine \_

Thymine \_

Guanine \_

Cytosine \_

1. Which organelles digests & destroys wastes or chemicals?

Lysosomes

1. What are organelles only in Plant cells?

\_\_\_\_\_Chloroplasts\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cell Membrane

Vacuoles

1. What are organelles only in Animal Cells?

\_\_\_\_\_\_Centrioles\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_Lysosomes\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What is the point of cell reproduction?

\_\_\_\_\_\_Reproduction\_\_\_\_\_\_\_

\_\_\_\_\_\_Repair\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_Growth\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How does DNA duplicate?

Before Cell Division, DNA replicates itself by splitting (Like a zipper) and then forming new base pairs\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How much Chromosomes are in humans?

\_\_\_\_46

1. Pair the nucleotides together,

Thymine -

Cytosine -

Adenine -

Guanine -