**MYP Biology Unit 2 Evidence #2- Study Guide**  Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block:\_\_\_\_\_\_\_

Complete on a separate piece of paper.

1. What is the difference between a prokaryotic and eukaryotic cell?
2. What are similarities between a prokaryotic and eukaryotic cell?
3. Diagram a prokaryotic cell, labeling all of the organelles
4. Diagram a eukaryotic cell, labeling all of the organelles.
5. What does the cell theory state?
6. What is the difference between an animal and plant cell?
7. Need to know all of the functions and structures of a cell. (See Organelle Table Practice)

|  |  |
| --- | --- |
| Salt Concentration (mg/mL)**X-axis** | Contractions per minute**Y-axis** |
| 0.000 | 4.0 |
| 0.001 | 5.5 |
| 0.010 | 2.0 |
| 0.100 | 7.5 |

1. Create a line graph. Remember to include a title, labels, and units.

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