

Name:

Date:

Block:

Cell Questions - Please answer in complete sentences.

1. Describe the differences between prokaryotic and eukaryotic cells.
2. What is the difference between a cell wall and a cell membrane?
3. Why do plants need cells with cell walls?
4. Every cell needs a membrane. Why?
5. What would be the negative effects of a cell not having lysosomes?
6. Predict whether skin cells or muscle cells have more mitochondria. Explain how you arrived at your prediction.
7. If you were given a slide containing living cells, how would you identify the cells as either plants or animals?
8. What would happen if the nucleus of a cell were damaged?
9. What are the benefits of being multicellular?