

Name:

Class:

Teacher:

### Lesson one: Exploring Life

#### Review questions

1. What are the three principles of cell theory?

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2. What is the difference between unicellular and multicellular organisms?

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3. Fill in the blanks. Humans are examples of \_\_\_\_\_ organisms, whereas bacteria is an example of a \_\_\_\_\_ organism.

4. Explain one similarity between prokaryotic and eukaryotic cells.

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5. Explain three differences between prokaryotic and eukaryotic cells.

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6. The kingdoms protista, fungi, plantae and animalia belong to which domain?

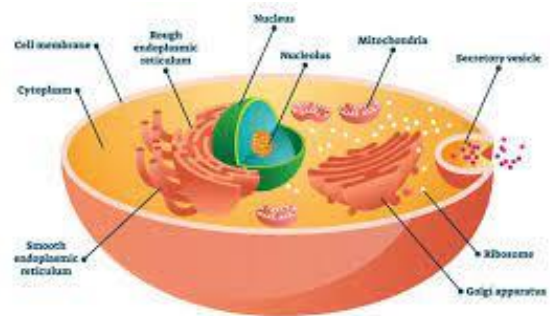
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7. What do kingdoms bacteria and archaea have in common?

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8. What type of cell is this? Procaryote or eukaryote? (See picture)

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9. Explain your answer to the previous question.

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10. How can we differentiate between plants and animals? What characteristic could be used to distinguish the two? (*See textbook page 27*).

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