

# RIBBON OF LIFE

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1. Everything is made of atoms, including organisms. Write the sequence of increasing organization of atoms in living organisms.

a. \_\_\_\_\_ d. \_\_\_\_\_ g. \_\_\_\_\_

b. \_\_\_\_\_ e. \_\_\_\_\_ h. \_\_\_\_\_

c. \_\_\_\_\_ f. \_\_\_\_\_ i. \_\_\_\_\_

2. Some kinds of organisms are simple; others are complex. Put the major groupings of organisms in order from simplest to most complex.

a. \_\_\_\_\_ b. \_\_\_\_\_ c. \_\_\_\_\_

3. Cells are alive, but not all living cells are organisms. Explain.

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4. What is the basic unit of life? Why do you think so?

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5. What organelles are found in all cells?

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6. What is the difference between a prokaryotic cell and a eukaryotic cell?

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Name \_\_\_\_\_

Period \_\_\_\_\_ Date \_\_\_\_\_

7. How many kinds of organisms have prokaryotic cells? How many have eukaryotic cells?

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8. How are paramecia cells and sheep cells the same and how are they different?

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9. Plants and animals have tissues. What is a tissue?

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10. How do cells in animals such as mammals and other vertebrates get the resources they need to survive?

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11. Some say all life is aquatic. Explain what they mean.

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