

# 5th Grade Cell Structure Review

BibleMouse.com

## Understanding Cells and Their Functions

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the following questions based on the lesson about cell organelles and their functions.

1. What is the function of the nucleus in a cell?

- A. Energy production
- B. Control center
- C. Protein manufacturing

2. Describe the role of mitochondria in a cell. Why are they important?

---

---

---

3. Ribosomes are responsible for \_\_\_\_ in a cell.

4. The endoplasmic reticulum acts as the cell's control center.

- True       False

5. How are the parts of a cell similar to parts of a factory? Give an example.

---

---

---

6. Which organelle is known as the energy factory of the cell?

- A. Nucleus
- B. Mitochondria
- C. Endoplasmic reticulum

7. Understanding cells can help us appreciate God's design.

- True       False

8. The cell's internal transportation system is called the \_\_\_\_.

9. What was the most interesting part of the cell you learned about and why?

---

---

---

---

10. Which of the following statements best describes God's creation of cells?

- A. Cells are simple and unimportant
- B. Cells are fearfully and wonderfully made
- C. Cells do not have specific functions

---

Answer Key

1. Control center 2. Mitochondria produce energy for the cell. They are important because energy is needed for all cell functions. 3. protein manufacturing 4. False 5. Both have specific roles that contribute to the whole system. For example, ribosomes are like workers in a factory that produce products. 6. Mitochondria 7. True 8. endoplasmic reticulum 9. I found the mitochondria interesting because they are like power plants that provide energy for the cell. Without them, the cell couldn't function. 10. Cells are fearfully and wonderfully made