The Magic Can of Evolution: Exploring Life and Complexity

Name: _____ Date: _____

Vocabulary Words: Match the definition to each word.

1. Even the simplest _____ has thousands of parts.
2. In the experiment, the parts of a _____ were put into a can.
3. The experiment used _____ to try to make the pen come together.
4. The story compared making a pen to making a living _____.
5. Some people believe life exists because _____ made it.

Word Bank: cell, person, energy, pen, God

Multiple Choice: Choose the correct answer from the choices for each question.

1. What was added to the can to try to make the pen assemble?
   a) Water
   b) Firecrackers
   c) Magnets
   d) Glue

2. What is the main idea of the experiment?
   a) Pens are hard to build
   b) Life is simple
   c) Complex things cannot form just by chance and energy
   d) Monkeys can build pens

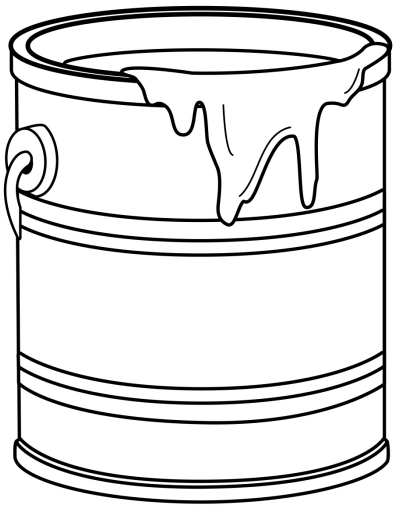
3. According to the passage, what does each part of a cell do?
   a) Nothing
   b) It has a specific job
   c) It moves randomly
   d) It only stores energy

4. How do most people learn about the origin of life in school?
   a) Life was built by humans
   b) Life formed from random energy in the "primordial soup"
   c) Life came from another planet
   d) Life always existed

Discussion & Reflection: Answer the following questions in complete sentences

1. Why is it that a cell cannot form by random chance and energy alone?

2. What do you think is the main message of the "magic can of evolution" experiment?



3. This shows me that God is (Circle the word):

Wise Powerful Caring Creative All of the above

Explain your choice: