

Cell Analogies Worksheet

Name: _____

Date: _____

Analogy (Webster's): "A comparison between two things which are similar in some respects, but otherwise different. An explaining of something by comparing it point by point with something else."

Instructions:

Fill in the spaces below for each cell part in order to create a one-sentence analogy that shows the similarity between the cell part and the object you selected to represent the cell part in your collage. Be sure to explain the reasoning behind your analogies (see the underlined section of the example).

Example Analogy: "The **nucleus** is like a **brain** because it controls and coordinates the activities of the whole cell in the same way the brain controls and coordinates the activities of the body."

Remember: Your analogies need to be accurate, complete, and ***original***.

ORGANELLES FOUND IN ALL EUKARYOTIC CELLS

1. The **plasma membrane** is like _____ because it _____
_____ in the same way _____
_____.

2. The **nucleus** is like _____ because it _____
_____ in the same way _____
_____.

3. The **cytoplasm** is like _____ because it _____
_____ in the same way _____
_____.

4. The **mitochondrion** is like _____ because it _____
_____ in the same way _____
_____.

5. **Chromosomes** are like _____ because it _____
_____ in the same way _____
_____.

6. The **Golgi apparatus** is like _____ because it _____
_____ in the same way _____
_____.

7. The **lysosome** is like _____ because it _____
_____ in the same way _____
_____.

8. The **ribosome** is like _____ because it _____
_____ in the same way _____.

9. The **vacuole** is like _____ because it _____
_____ in the same way _____.

10. The **endoplasmic reticulum** is like _____ because it _____
_____ in the same way _____.

ORGANELLES FOUND IN PLANT CELLS *BUT NOT ANIMAL CELLS*

11. The **cell wall** is like _____ because it _____
_____ in the same way _____.

12. The **chloroplast** is like _____ because it _____
_____ in the same way _____.

What is a prokaryotic cell?

What is an EXAMPLE of a prokaryotic cell?

What is a eukaryotic cell?

What ARE TWO EXAMPLES of a eukaryotic cell?