

# Eukaryote Vs. Prokaryote

1. For each statement, write a **"P"** if it best applies to **prokaryotes** only, **"E"** if it best applies to **eukaryotes** only, and **"both"** if it applies to **both prokaryotes and eukaryotes**.

1. \_\_\_\_\_ I have a cell membrane (plasma membrane)

2. \_\_\_\_\_ I have a nucleus

3. \_\_\_\_\_ Bacteria are an example of me.

4. \_\_\_\_\_ Fungi are an example of me.

5. \_\_\_\_\_ Animals are an example of me.

6. \_\_\_\_\_ I contain ribosomes.



7. \_\_\_\_\_ I contain membrane-bound organelles.

8. \_\_\_\_\_ I contain cytoplasm.

9. \_\_\_\_\_ Your body cells are made of this type of cell.

10. \_\_\_\_\_ Protist are an example of me.

11. \_\_\_\_\_ Plants are an example of me.

12. \_\_\_\_\_ I contain genetic material such as DNA.



2. The cell theory makes several fascinating statements about cells! Drag the correct answer to complete the three statements mentioned in the video that are included in the cell theory.

1. The \_\_\_\_\_ is the \_\_\_\_\_ living \_\_\_\_\_ in all organisms.

2. All \_\_\_\_\_ are made of cells.

3. All cells come from other \_\_\_\_\_ cells.

Cell

smallest

unit

living things

pre-existing