

Name _____ Date _____ Period _____

Biology Department Warm-up
First 9 weeks 1-4.1

Instructions - Answer each multiple-choice question. Below each answer, write a sentence that justifies your answer by explaining why you selected it.

1. What is a main difference between prokaryotic and eukaryotic cells?
- a. the need for nutrients
 - b. plasma membranes
 - c. organelles
 - d. genetic information

Justification –

2. Simple single-celled organisms that lack a nucleus are classified as a type of bacteria. Bacteria aid in digestion and can provide us with food. These organisms can be described as-
- a. eukaryotic
 - b. prokaryotic
 - c. complex
 - d. multicellular

Justification –

3. Prokaryotic and eukaryotic cells are two different types of cells. They also share similarities. Prokaryotic and eukaryotic cells are similar in all of the following ways except-
- a. having a cell membrane
 - b. having ribosomes
 - c. having a nucleus
 - d. having genetic material

Justification -