

Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

Biology Department Warm-up  
First 9 weeks 1-4.3

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

1. Which monomer does not synthesize the biomolecule listed?
- a. amino acid - protein
  - b. glycerol - carbohydrate
  - c. nucleotide - nucleic acid
  - d. fatty acid & glycerol - lipid

Justification-

2. Which of the following items are not paired correctly?
- a. Prokaryote - ribosome
  - b. Eukaryote - chloroplast
  - c. Prokaryote - nucleus
  - d. Eukaryote - cell membrane

Justification-

3. Two students were designing an experiment to determine if the number of plants grown in the same pot affected the size that the plants would grow. Which of the following would be an example of a control for their experiment?
- a. having three pots with different plants in each pot
  - b. having one pot with only one plant
  - c. watering each pot with different amounts of water
  - d. using different sized pots

Justification-