

Name _____ Date _____ Period _____

BIOLOGY – PROBLEM SET

CHAPTERS 8 & 9: CELLULAR ENERGETICS

IN ORDER TO RECEIVE FULL CREDIT FOR ANSWERS, YOU MUST DO ALL OF THE UNDERLINED WORDS IN EACH QUESTION.

1. Identify and describe two specific examples of **levels of organization** that relate to a topic in chapters 8 & 9. [2 points]
2. Identify, describe, and draw one example of a **lock-and-key fit** OR a **structure-function relationship** OR a **surface area to volume ratio** that relates to a topic in chapters 8 & 9. [3 points]
3. Identify and describe one example of **matter** OR **energy** that relates to a topic in chapters 8 & 9. [1 point]
4. Identify and describe one example of **evolution** that relates to a topic in chapters 8 & 9. [2 points]
5. Describe and interpret the meaning of the following chart: [2 points]

