Unit 7 Part 2 Study Guide

1. Where are hydrothermal vents found?
2. Describe a hydrothermal vent community.
3. What is a cold seep community? Why is it called a “cold” seep?
4. Which zone is the most difficult to live in? Why?
5. What is the “base” of the food webs in hydrothermal vent communities? Organisms that use this for food are known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
6. What are the 3 stages of a whale fall community? Describe each stage.
7. List and describe the different ways bioluminescence can be used.
8. What adaptations are necessary for survival in the epipelagic zone? Mesopelagic (Vertical migrators)? Mesopelagic (Non-migrators)? Bathypelagic? Make sure you cover Size, Coloration, Eyes, Musculature, Shape and Bioluminescence.