

Name _____ Date _____
Ch 7 Marine Invertebrates Part 1 Study Guide (B) Lisa Peck

1. Describe cellular differentiation its advantage.

2. Why is sexual reproduction considered to be more complex and advantageous than asexual reproduction?

3. Describe the 2 types of symmetry exhibited by cnidarians and worms. Which type is more complex? What is the advantage to this type of symmetry?

4. How do poriferans obtain nutrition-food. What is their food?

5. How do cnidarians get their food? What is their food?

6. Why are poriferans important?

7. Why are cnidarians important?

8. Why are worms important?

9. List in order of complexity: worms, cnidaria, porifera. Use cellular differentiation to defend this order. Describe the presence or lack of CTOS citing examples.