Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ECHINODERMATA

1. What does the word “Echinodermata” mean?
2. Name three examples if echinoderms?
3. What type of symmetry do echinoderms have?
4. What are tube feet used for?
5. Why are vertebrates (including humans) more closely related to echinoderms than other invertebrates?
6. The bony plates found in the skin of echinoderms are also known as what?
7. Are sea stars herbivores or carnivores?
8. Are sea urchins herbivores or carnivores?
9. What is Aristotle’s lantern?
10. Do sea stars reproduce sexually or asexually?
11. Describe how a sea star eats a clam.
12. What is the opening to the water vascular system called?
13. What do sea cucumbers use as a defense?
14. Match the stages of embryology with their correct description.

\_\_\_\_\_1. Solid sphere of cells A. zygote

\_\_\_\_\_2. Dividing zygote and resulting cells B. bipinnaria

\_\_\_\_\_3. The embryo once the digestive system C. blastula

starts to form

\_\_\_\_\_4. Hollow sphere of cells D. gastrula

\_\_\_\_\_5. A fertilized egg E. morula

\_\_\_\_\_6. Larval stage of echinoderms F. cleavage