

Name: _____

Period: _____ Date: _____

Echinoderm Diversity: Echinoids and Sea Cucumbers

*Use the reading from the Marine Biology Coloring Book to complete the questions below.
USE COMPLETE SENTENCES!*

1. What are the two features that echinoids and sea cucumbers lack, compared to other echinoderm classes?
2. What are the *ambulacral* and *internambulacral* plates in the sea urchin? Where are their tube feet located?
3. What is *Aristotle's Lantern*? How is it involved in sea urchin feeding?
4. How do sea urchins move? Explain both ways.
5. How do sand dollars move? How do they gather food?
6. What function do the petals on the sea urchin have?
7. How is the sea cucumbers well adapted for burrowing?
8. How do sea cucumbers breathe?
9. How do sea cucumbers feed?