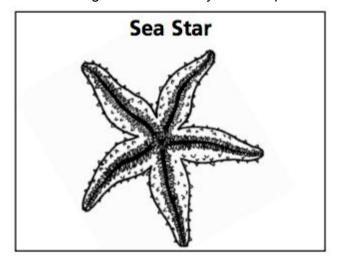
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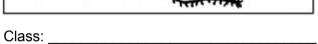
For each organism, state the class and the major structures and features associated with this class. Label the diagrams with the key features plus the mouth.



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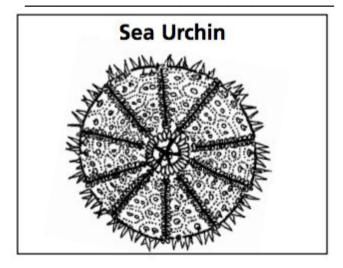
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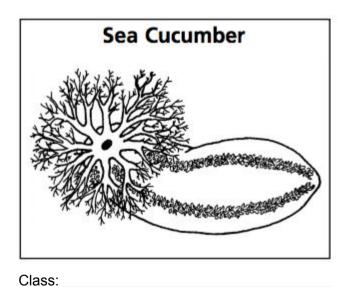
Important features:



## Important features:

\_\_\_\_





Class:

Important features:

1. \_\_\_\_\_

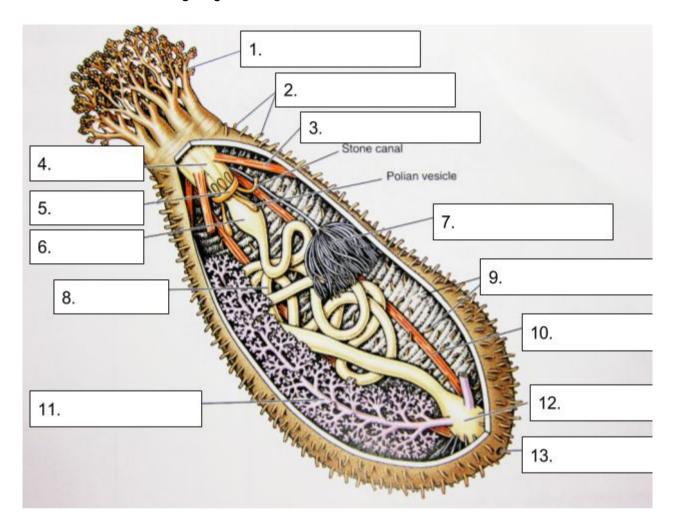
Important features:

1. \_\_\_\_\_

## Questions:

1.	Name 5 characteristics that these classes have in common (think: what makes them unique compared to mollusca or porifera):  1)
2.	What is found in sea star arms so that a new sea star can regenerate from a single arm?  1) 2) 3)
3.	Draw out a water vascular system and include the madreporite, ring canal, radial canal, ampullae, and tube feet for one of the four classes:
4.	How does a sea star move and eat its prey? Draw a comic that shows the structures used and how it can capture and consume a bivalve (class):

1. Label the following diagram:



- 2. Which numbered structures are part of the digestive system?
- 3. What type of food does the sea cucumber eat? Use its digestive system structures to justify your answer:
- 4. a. Which structure are part of the water vascular system? \_\_\_\_\_
  - b. What is the purpose of this system?
- 5. a. Which structures are used in movement? \_\_\_\_\_
  - b. Relate the movement of a sea cucumber to that of a nematode by using a small Venn Diagram:

