

Starfish Pre-lab Worksheet

The following worksheet must be successfully completed before you start the actual dissection of the starfish.

Introduction

1. What phylum does the Starfish belong? _____
2. The phylum Echinodermata is composed of the most familiar marine animals and is distinguished by:
 - a. _____
 - b. _____
 - c. _____
3. What class does the starfish belong?
 - a. _____
4. Name four tools that are recommended for this dissection:
 - a. _____
 - b. _____
 - c. _____
 - d. _____

External Features

5. Name and describe the opening of the water vascular system.
 - a. _____
6. The mouth is in the center of the underside surface. This surface is also known as:
 - i. _____
 - ii. _____
7. What are the deep furrows extending from the mouth to the tips of each arm called?

8. What do these deep grooves contain? _____
9. At the end of each arm or ray, what is located? _____
10. In preserved specimens how can these items be seen?
 - a. _____
11. On the aboral surface, the dorsal side, ossicles of endoskeleton are located. What is another name for these plates? _____
12. Where are the dermal brachiae and what is their function?
 - a. _____
13. What are the pedicellaria, what is their function?
 - a. _____

Answers For The Starfish Prelab

Terry C. Jones



Answers For The Starfish Prelab:

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Lorijo Metz, 2011-08-15 Introduces starfish discussing their physical characteristics life cycle and eating habits

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