

CHAPTER 32 ECHINODERMS AND INVERTEBRATE CHORDATES

Get the Big Picture

Read the paragraphs in the boxes. Then answer the question.

Echinoderms have characteristics that make them different from other animals. Echinoderms move by hundreds of tiny suction cups on their tube feet. They have hard, spiny skeletons that are covered by a thin layer of skin. They also have a water vascular system. This system controls how they move, eat, respire, and get rid of waste. You can find echinoderms in all the oceans of the world.

Invertebrate chordates are ocean animals that do not have a hard skeleton. These chordates share some characteristics with echinoderms and animals with backbones. For example, echinoderm embryos look similar to invertebrate chordates. The invertebrate chordate may be the ancestor of all animals with backbones.

1. How are echinoderms and invertebrate chordates the same? How are they different?

Same: _____

Different: _____

