

3. Answer the following questions on relationships:

- a.** What relationship do crabs and barnacles have to insects?
Each body section is closely jointed. Each section usually bears a pair of jointed legs. The eyes are compound.
- b.** What relationship does the sea squirt have to man?
The larva has a rod-like "backbone"
- c.** Name a common land dweller that is related to the clamworm.
Earth worm
- d.** The octopus belongs to the phylum Mollusca. Which two animals listed in No. 1 are related to the octopus?
Oyster and Chitons
- e.** Sea star, sea cucumber, and sea urchin all belong to the phylum Echinodermata. Why do they belong together? (Clue: Find out what "Echinodermata" means.)
They belong together because they are spiny-skinned animals.

4. Together as a group, select three items under #1 that are important economically. Explain why they are important.

Many of the animals in requirement #1 are beautiful to look at, and this makes them a tourist attraction in many areas. The economy of such places is built on tourism, and these animals are an important part of the draw.

Hermit crabs are sold as pets.

Though none of the animals listed here are Biblically clean, many of them are eaten. Entire communities base their economies on the catching of shell fish such as oysters, clams, crabs, and mussels. Some, such as the sea urchin, are served as delicacies

5. Name four low-tide animals and two high-tide animals.

5a. Low-tide

Ghost Crab



Horseshoe Crab



Hermit Crab



Starfish



Sand Dollars



5b. High-tide

Sea Cucumbers



Sunray Venus





Better photo of a Red Shrimp