



21.1 Student Activity

Levels of Organization, part 1

Determine the characteristics of the following organisms:

1. Limpets are primitive gastropods that share many characteristics with mollusks. Since limpets do not have blood vessels, their circulatory fluid is referred to as hemolymph, a fluid containing both blood and lymph cells.

What kind of circulatory system do limpets have?



2. Sea anemones are meat eating predators. A ciliated opening moves prey, such as plankton and fish, into the sea anemone's gastrovascular cavity. After food is digested, waste matter is excreted out of the same ciliated opening that ingested the prey.

What kind of digestive system do sea anemones have?



3. Jellyfish have circular structural arrangement. Any line drawn through the center of their body produces identical halves.

What kind of body symmetry do jellyfish have?

