Crustacean Note Guide

**Crustaceans Include:**

Most crustacean species live in the \_\_\_\_\_\_\_\_\_\_. Atlantic lobster and the Dungeness crab, are used by people as a source of food. Crustaceans are important to the ocean food web. Tiny crustaceans such as \_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_ are a food source for many other animals, including other invertebrates, fish, and whales.

Most crustaceans are free-living aquatic animals, but some are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ like woodlice, some are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ such as fish lice and tongue worms and some are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ such as barnacles.

Crustaceans have:

* \_\_\_\_\_\_\_\_ or more pair of legs
* two pairs of sensory \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* water-living crustaceans have \_\_\_\_\_\_\_\_\_\_\_\_
* open circulatory systems..no \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_
* reproduce \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* young hatch from \_\_\_\_\_\_\_\_\_\_\_\_\_\_

The eating habits of crustaceans vary. Lobsters and shrimp eat plants and small animals. Many crustaceans are \_\_\_\_\_\_\_\_\_\_\_\_\_\_, feeding off the remains of other organisms. Some, such as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, are filter feeders. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ form of a barnacle is free swimming. However, as an adult this arthropod attaches itself to a rock or another hard surface, such as a mollusk's shell or the hull of a ship. It uses its \_\_\_\_\_\_\_\_\_\_\_\_\_\_to capture food from surrounding water.

While watching the video, answer the questions below.

1. Legs that can bend are said to be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. What are two sensory objects that arthropods have\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. What is an appendage \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. What is an arthropods skeleton called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. In order to grow an arthropod must \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. How long does it take an arthropod to grow a new exoskeleton \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. Where do horseshoe crabs mate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Where do they lay their eggs \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Draw a picture of a lobster. Label the following:

head

thorax

abdomen

appendages