



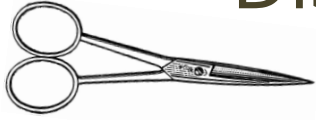
Dissection 101: Crayfish

PowerPoint Quiz (Teacher)

Crayfish Dissection Quiz: Complete the following questions.



1. Name the structure indicated. **Mandibles**
2. What is a function of this structure? **Break food apart**
3. Name the structure indicated. **Gills**
4. Name the structure indicated. **Chelipeds**
5. What is a function of this structure? – **Defense, fighting and capturing prey**
6. Male, female or both?
A. Male B. Female C. Both
7. Name the structure indicated. **Stomach (cardiac and pyloric)**
8. What is a function of this structure? **Storage and digestion**
9. Name the structure indicated. **Antennal glands (green glands)**



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10. What is a function of this structure? **Excretion of body wastes (equivalent to urine)**
11. What is one characteristic of arthropods (describe)?
- **Jointed appendages – bend to move in specific directions and specialized for specific jobs**
 - **Exoskeleton – hardened cuticle, which is an outside layer of skin; it is nonliving tissue called chitin that does not grow with the body and must be removed for growth in a process called molting (shedding)**
 - **Body segmentation – specific regions**
12. What is the structure indicated? **Swimmerets**
13. Describe how the abdomen (tail) moves the crayfish through the water.
Propels the crayfish in a backward direction by whipping the tail forward (third law of motion)

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