

Worm Lab Questions

Names: _____

1. What is the name of the pumping organs of an earthworm?

Lateral hearts / Aortic Arches

2. List the parts of the digestive tract through which food passes.

mouth - pharynx - Esophagus - crop - gizzard - Intestine

3. What does the gizzard do?

Grind up food

4. Which parts of the earthworm serve as its brain? How are these parts connected to the rest of the body?

Nerve Ganglia

5. How can you find out whether an earthworm eats soil?

Look in the intestines

6. How is the earthworm's digestive system adapted for extracting relatively small amounts of food from large amounts of ingested soil?

Long intestine

7. Your dissection of the earthworm did not go beyond segment 32. What will you observe if you dissect the remainder of the worm to its posterior end?

Intestine