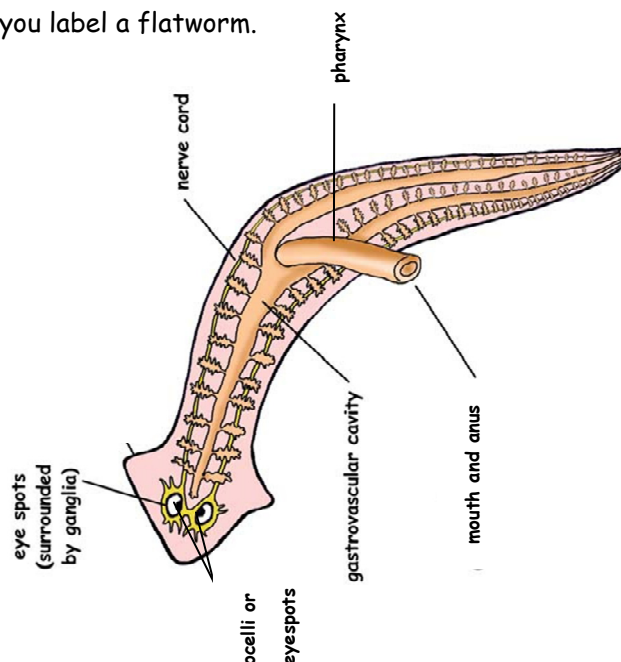


Name - \_\_\_\_\_

Unsegmented Worms Practice

- 1.) Name two types of unsegmented worms. \_\_\_\_\_ **planarian and tapeworms** \_\_\_\_\_
- 2.) To what phylum do the flatworms belong? \_\_\_\_\_ **Platyhelminthes** \_\_\_\_\_
- 3.) Flatworms are soft, flattened worms that have tissues and internal \_\_\_\_\_ **organs** \_\_\_\_\_
- 4.) A fluid filled body cavity that is lined with tissue is called a \_\_\_\_\_ **coelom** \_\_\_\_\_
- 5.) What type of symmetry does a flatworm have? \_\_\_\_\_ **bilateral** \_\_\_\_\_
- 6.) Flatworms rely on \_\_\_\_\_ **diffusion** \_\_\_\_\_ for respiration and excretion.
- 7.) The muscular tube near the mouth that aids in getting food is called the \_\_\_\_\_ **pharynx** \_\_\_\_\_
- 8.) How do parasitic flatworms obtain their food? \_\_\_\_\_ **ingestion through their mouth** \_\_\_\_\_
- 9.) What type of flatworm has no digestive tract at all? \_\_\_\_\_ **tapeworm** \_\_\_\_\_
- 10.) What do flame cells do? \_\_\_\_\_ **regulate water pressure internally** \_\_\_\_\_
- 11.) What is ganglion? \_\_\_\_\_ **cluster of nerve cells or simple brain** \_\_\_\_\_. Do flatworms have ganglia? **yes** \_
- 12.) What structure detects light in a flatworm? \_\_\_\_\_ **ocelli (eye spots)** \_\_\_\_\_
- 13.) Use the following diagram to help you label a flatworm.



- 14.) What is a hermaphrodite? \_\_\_\_\_ **organism with both male and female reproductive organs** \_\_\_\_\_

- 15.) Fission is when an organism splits in two and each half grows to become a complete new organism.
- 16.) Turbellarians are planarian flatworms that live in marine and fresh water.
- 17.) Flukes are parasitic flatworms that infect internal organs of their host.
- 18.) How does a blood fluke infect a human? bore through the skin
- 19.) Blood fluke embryos develop inside what organism? snails
- 20.) Schistosomiasis is widespread in tropical areas that lack proper sanitary treatment.
- 21.) Tapeworms are long, parasitic flatworms that are adapted to life inside the intestines of their hosts. Do tapeworms have a digestive tract? no
- 22.) What is the head of the adult tapeworm called? scolex
- 23.) What are proglottids? sections of the tapeworm containing reproductive organs and eggs
- 24.) How are tapeworm zygotes passed out of the body? with feces
- 25.) The larvae of a tapeworm grow in the muscle tissue (as cysts) of the intermediate host.