Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Worms**

1. Worms are classified into three major phylums:







**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. All Worms:
*
*
*
*
*
*
1. Reproduction

Many have separate \_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_ animals, like humans.

Some (most flatworms) have both male and female \_\_\_\_\_\_\_\_ organs and are known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Some reproduce asexually by breaking into pieces. This is known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_.



**Flatworms**

 Examples of flatworms are:

1.

2.

3.

Draw a picture of all three in the boxes below.

|  |  |  |
| --- | --- | --- |
|  |  |  |

1. Common Characteristics:
*
*
*
1. **Planarians**
* Free-living flatworms
* Live in the water

Planarians are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that feed on dead or decaying material. They can be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. They feed like a vacuum cleaner. They insert a feeding tube into prey, juices break down the prey and they suck up the partly digested food.

They have \_\_\_\_\_\_\_\_\_\_\_\_\_ that can detect light but not detail.

Their head has cells than can pick up odor so that they can locate \_\_\_\_\_\_\_\_\_\_\_\_.

1. **Tapeworms**
*
*
*

**Roundworms**

* Live in nearly any \_\_\_\_\_\_\_\_\_\_ environment
* Tiny and difficult to see, most \_\_\_\_\_\_\_\_\_\_\_ animal on earth
* Some are free-living and some are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Cylindrical bodies – like tiny strands of cooked spaghetti
* Digestive system is like a tube, open and both ends
	+ Food enters the \_\_\_\_\_\_\_\_\_
	+ Food is broken down by digestive juices
	+ Digested food is absorbed by the body
	+ Waste material exits at the far end of the tube called the \_\_\_\_\_\_\_\_\_

**Segmented Worms**

Examples of segmented worms: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_

* Made up of many linked sections called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Have a long string of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ tissue called a nerve cord
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ tube runs the length of the body

Circulatory System

* Have a closed circulatory system – \_\_\_\_\_\_\_\_\_\_\_ moves only within a connected network of tubes called blood vessels.
* Blood carries \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and food to cells
* Moves blood much more \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_