

Name \_\_\_\_\_

# Organ Trail WebQuest Worksheet

## Tissues

Go to:

[http://www.exploringnature.org/graphics/teaching\\_aids/Tissue\\_identification.pdf](http://www.exploringnature.org/graphics/teaching_aids/Tissue_identification.pdf)

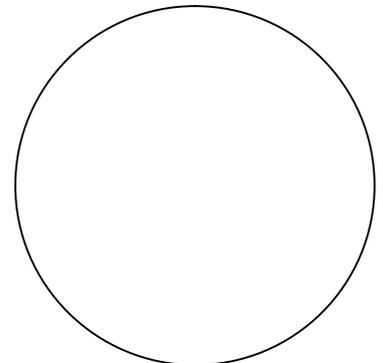
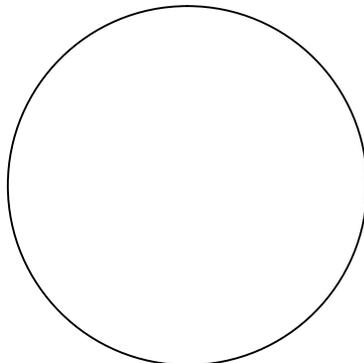
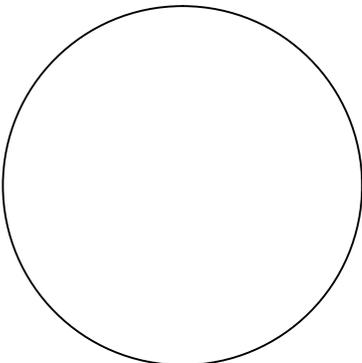
Provide the information about the four types of tissues. Draw and label tissue examples in the circles below.

### Epithelium

Function

Characteristics

Classification



# Connective

Function

The Three Elements

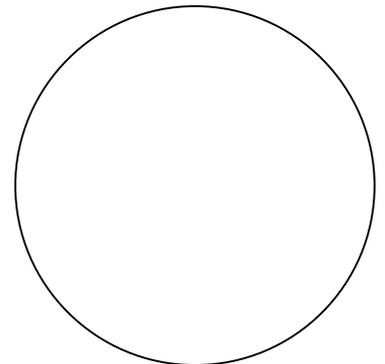
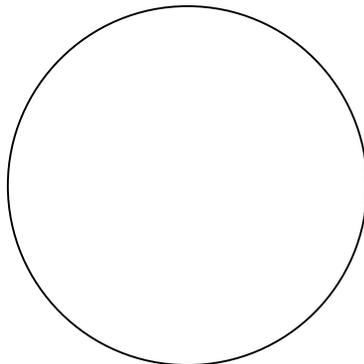
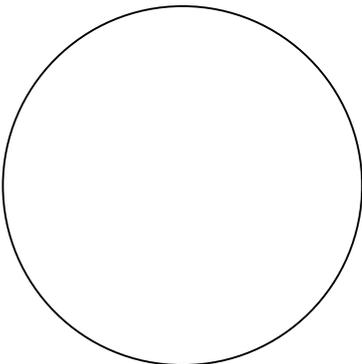
Two Kinds

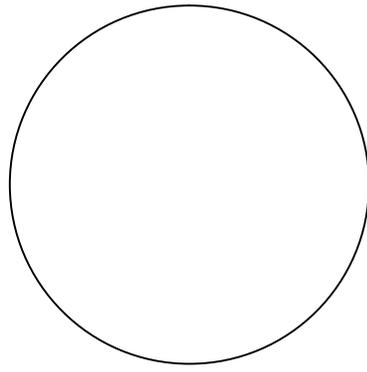
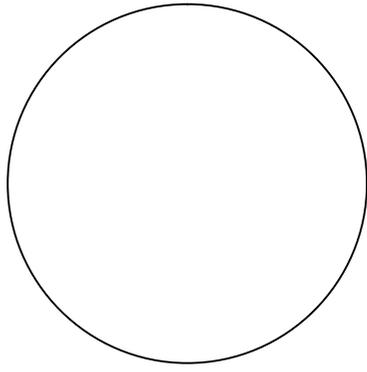
Special Connective Tissue (include function)

1.

2.

3.



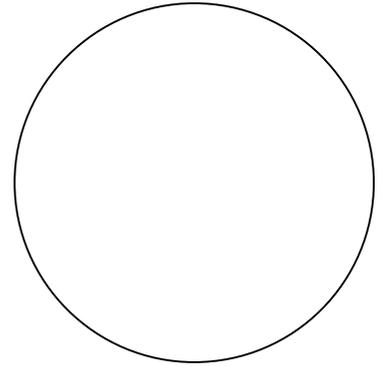


## **Nerve**

**Function**

**Three Elements**

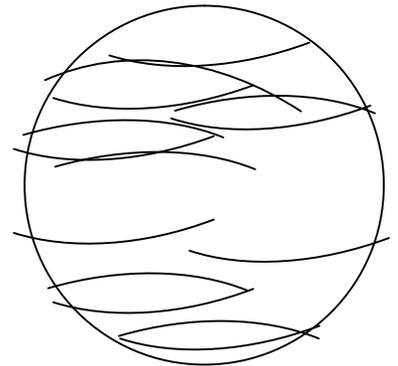
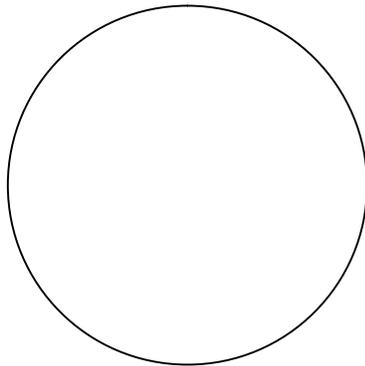
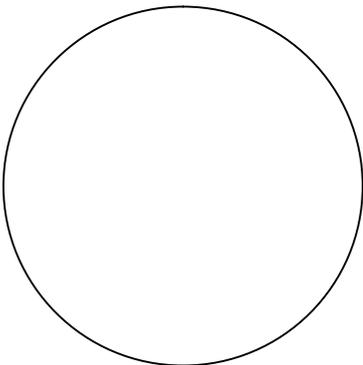
- 1.
- 2.
- 3.



## **Muscle**

**Function**

**Three Types**



# Organs & Organ Systems

The following websites will be helpful for this section:

<http://www.sciencenetlinks.com/interactives/systems.html>

[http://www.harcourtschool.com/activity/bodyintro\\_34/index.html](http://www.harcourtschool.com/activity/bodyintro_34/index.html)

[http://kidshealth.org/kid/htbw/htbw\\_main\\_page.html](http://kidshealth.org/kid/htbw/htbw_main_page.html)

[http://library.thinkquest.org/2935/Natures\\_Best/Nat\\_Best\\_High\\_Level/Title\\_Net\\_Page/Title\\_page\\_h.html](http://library.thinkquest.org/2935/Natures_Best/Nat_Best_High_Level/Title_Net_Page/Title_page_h.html)

[http://www.bbc.co.uk/science/humanbody/body/interactives/3djigsaw\\_02/index.shtml?nervous](http://www.bbc.co.uk/science/humanbody/body/interactives/3djigsaw_02/index.shtml?nervous)

Research the organ systems in the body. Explain how each system helps the body function. Identify major organs in each system and explain their role in the organ system.

Using the All Systems Go! website, answer these questions based on what you learned from playing the activity, and from reading the *Learn More* section.

- What body system helps humans turn the food they eat into energy?
- What body system helps humans breathe?
- What body system controls other body systems?
- What body system provides structure for the body?
- What body system allows us to move?
- What body system includes a transport system (blood) and a pump (the heart) that keeps the transport system moving?
- Can you think of two body systems that work together?

- What part of the nervous system is essential for it to work properly?
- What event could disrupt one or more body systems?
- What parts of the respiratory system would need to be blocked to not allow any air into this system?

## **T rivia**

**Use the site below to answer the trivia questions.**

**<http://web.archive.org/web/20010821010416/www.stfrancistopeka.org/64trivia.html>**

1. What is the only liquid organ?
2. What percent of the body is skeletal muscle?
3. What is the largest part of the nervous system (and also the smallest part of the brain)?
4. True or false? Your digestive system begins to work before you eat. Explain your answer.
5. How long are the small intestines? Large intestines?
6. What is the largest organ in the body? The next largest?
7. Where are the body's blood cells produced?
8. There are how many bones in the body? Muscles?