

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

Period: \_\_\_\_\_

**Do Now #3.4**

10 points

1. Draw a mitochondrion. (1 point)
  
2. What process occurs in the mitochondria? (1 point) \_\_\_\_\_
  
3. What are the **2 raw materials** of **RESPIRATION**? (2 points)
  - a. \_\_\_\_\_ (sugar)
  - b. \_\_\_\_\_ (gas)
  
4. What are the **2 products** of **RESPIRATION**? (2 points)
  - a. \_\_\_\_\_ (energy rich molecule)
  - b. \_\_\_\_\_ (gas)
  
5. What is the organelle for **RESPIRATION**? \_\_\_\_\_
  
6. Why do guard cells close during hot days? \_\_\_\_\_  
\_\_\_\_\_
  
7. What is the organelle for **PHOTOSYNTHESES**? \_\_\_\_\_
  
8. What part of the leaf are gases exchanged? \_\_\_\_\_

# Homework # 3.4

## Excretory System Homework 20 points

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

### 1. Answer the following questions based on Figure 1.

a. What is the name of Figure 1? (whole figure 1)

\_\_\_\_\_

b. What is number 1? \_\_\_\_\_

c. What is number 6? \_\_\_\_\_

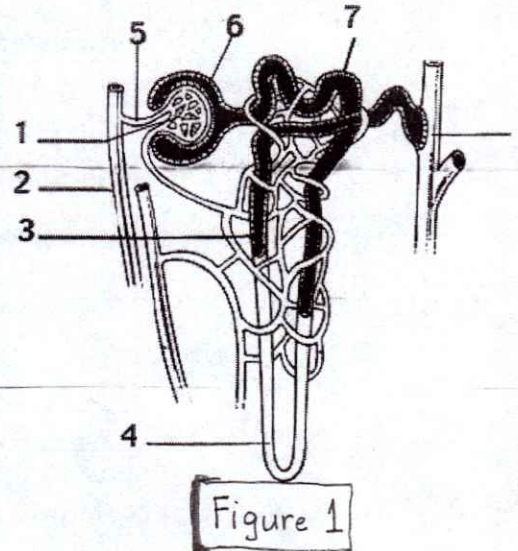
d. What remains in number 1 after blood is filtered?  
\_\_\_\_\_ (2 points)

e. What diffuses into number 6 after blood is filtered?  
\_\_\_\_\_ (2 points)

f. What is number 1 made of? \_\_\_\_\_

g. What <sup>(organ)</sup> part of your body can we find Figure 1? \_\_\_\_\_

h. Why is figure 1 very important? \_\_\_\_\_  
\_\_\_\_\_



### 2. Answer the questions based on Figure 2.

a. What is letter A? \_\_\_\_\_

b. What is letter B? \_\_\_\_\_

c. What is letter C? \_\_\_\_\_

d. What is letter D? \_\_\_\_\_

e. What is letter A for? \_\_\_\_\_

f. What is letter C for? \_\_\_\_\_

g. What is letter D for? \_\_\_\_\_

h. What is the filtering unit of letter A? \_\_\_\_\_

i. What are the metabolic wastes found in urine? \_\_\_\_\_ (2 points)

