

EXCRETORY SYSTEM WORKSHEET

1. How does the excretory system help maintain homeostasis?
2. How are the following metabolic wastes removed from the body?
 - a. CO₂
 - b. water
 - c. salts
 - d. urea
3. Identify two ways in which the liver functions in excretion.
4.
 - a. What materials are filtered out of the blood in the nephron?
 - b. What structures act as filters?
 - c. Why is it important that the blood vessels of the glomerulus are capillaries?
 - d. On what basis are materials filtered out of the blood?
 - e. Which of these materials are wastes?
 - f. Which of these materials are important to the body?
 - g. What happens to the filtrate that enters the tubule of the nephron?
 - h. How are important materials returned to the blood stream?
 - i. How does the loop of Henle remove water from the filtrate?
 - j. What is tubular secretion?
 - k. Describe the composition of the urine that leaves the nephron.