

Cells, Tissues, Organs and Systems  
Assignment #10 Fluid Movement in Animals

NAME: \_\_\_\_\_ Date Due: \_\_\_\_\_

1. What is the responsibility of the circulatory system in animals?

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2. Describe the **open** circulatory system, which is found in animals such as the snail.

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3. Describe the **closed** circulatory system, which is found in animals such as the earthworm.

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4. Explain the difference between veins and arteries.

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5. Describe how the human heart functions.

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6. Why are valves important in a closed circulatory system?

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7. What are the 2 main responsibilities of the excretory system?

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8. Why can't complex organisms get rid of waste the same way that unicellular organisms do?

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9. What is digestion?

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10. What advantages are there in having digestion take place in a tube-like structure rather than a sac?

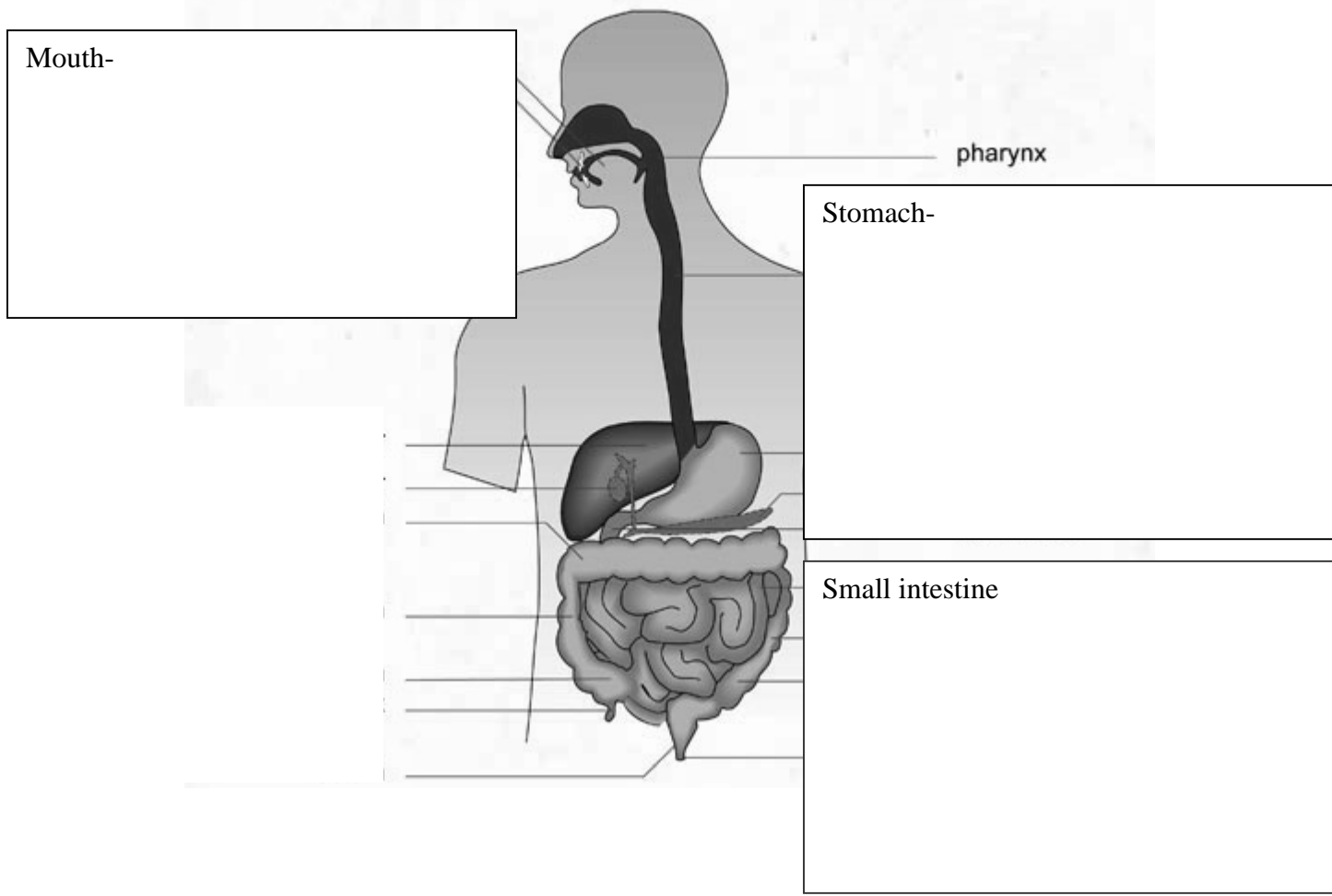
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11. Summarize how human **digestion** occurs in the mouth, stomach and small intestine. Show your answer in the boxes on the diagram.

## DIGESTIVE SYSTEM



12. Aspirin removes the protective mucous coating that lines the stomach. Explain why taking aspirin may cause digestive problems.

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Not completed on due date  
 Answers lacked effort and/or knowledge  
 Shows little understanding of circ. & exc. And dig. Systems more studying is needed  
 Many or all questions must be redone #'s \_\_\_\_\_  
 Parent signature required or receive 0. 50% with a parent signature and redone  
 X \_\_\_\_\_

Completed with accuracy  
 More explanation needed for some answers  
 Shows good understanding of circ. & exc. And dig. systems  
 **More or a better** explanation is needed for questions #'s \_\_\_\_\_

Completed with detail  
 Excellent explanations given  
 Shows excellent understanding of circ. & exc. And dig. systems  
 **Little or no** further explanation is needed Fine tune questions #'s \_\_\_\_\_  
  

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