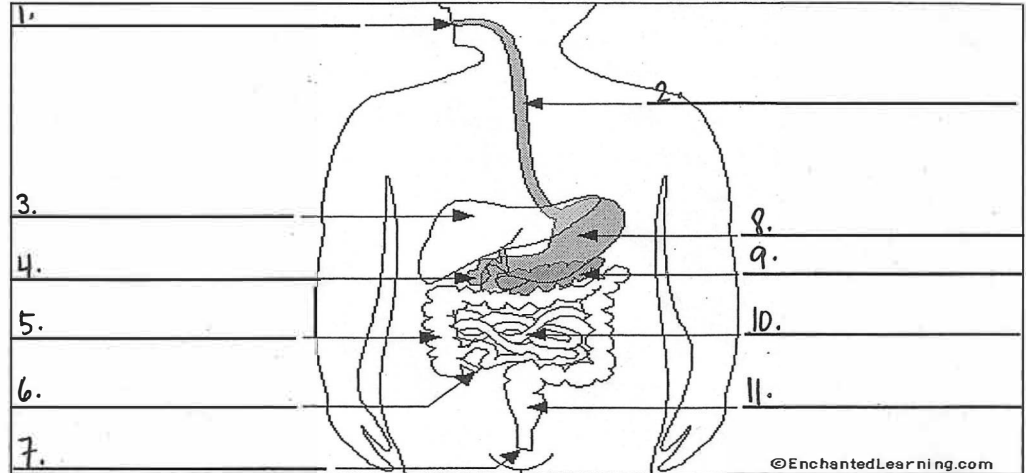


Name:

Do Now # 2.9
16 points

1. Label the different parts of the human digestive system. (11 points)
12. Draw a star beside the name of where digestion starts.
13. Draw a smiley face beside the name of where Final digestion occurs.

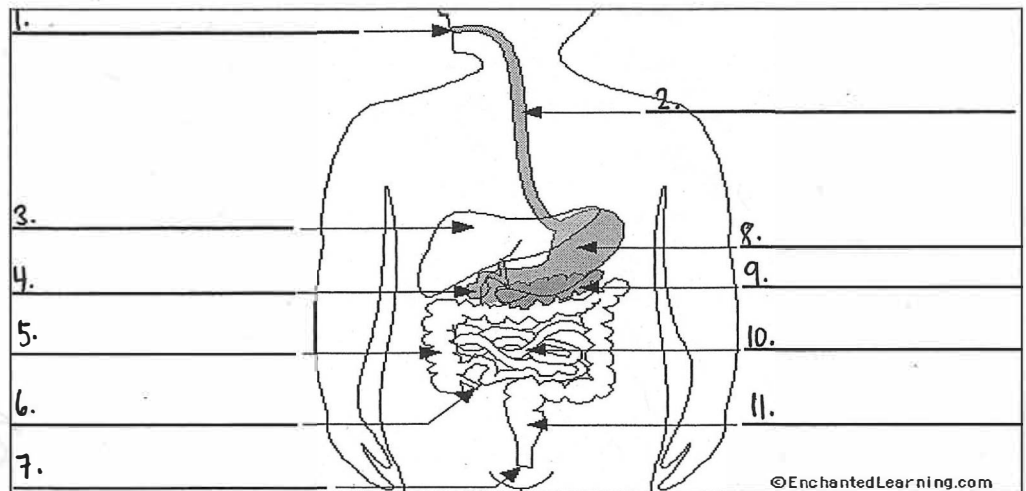


14. What molecule is initially digested in the mouth? _____
15. Is there digestion occurring in the esophagus? YES or NO
16. What molecule is initially digested in the stomach? _____

Name:

Do Now # 2.9
16 points

1. Label the different parts of the human digestive system. (11 points)
12. Draw a star beside the name of where digestion starts.
13. Draw a smiley face beside the name of where Final digestion occurs.



14. What molecule is initially digested in the mouth? _____
15. Is there digestion occurring in the esophagus? YES or NO
16. What molecule is initially digested in the stomach? _____

Name: _____

Date _____

Living Environment Period _____

10 points

Homework # 2.9

Heterotrophic Nutrition

For questions 1-6, use the diagram to answer the following questions. Give the LETTER and IDENTIFY the organ that is most closely related to the statement.

(6 points)

1. The chemical digestion of proteins begins in this organ in the given diagram.

Letter _____ Organ _____

2. This organ in the given diagram produces and secretes hydrochloric acid (HCl).

Letter _____ Organ _____

3. This organ in the given diagram contains many villi.

Letter _____ Organ _____

4. The chemical hydrolysis of ^(STARCH) carbohydrates begins in this organ in the given diagram.

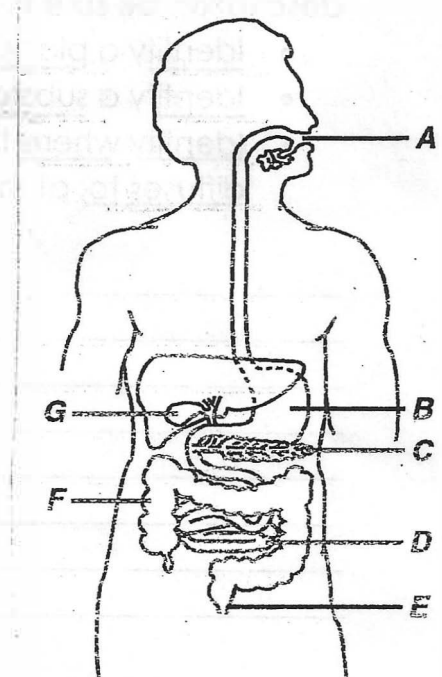
Letter _____ Organ _____

5. Most water reabsorption occurs in this organ in the given diagram.

Letter _____ Organ _____

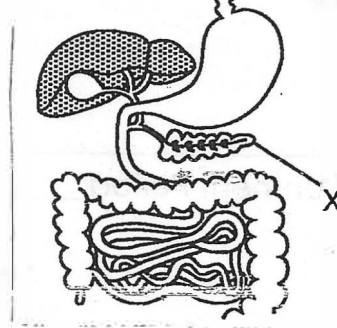
6. This organ in the given diagram produces and secretes enzymes that help to ^{FINAL} complete the digestion of carbohydrates and polypeptides. (FINAL DIGESTION)

Letter _____ Organ _____



→

DIAGRAM A



7. Look at **Diagram A** and label structure X. State one problem for the organism that would result from a malfunction of the structure you identified. (1 point)

8. Describe one example of diffusion in the human body. In your description be sure to: (3 points)

- Identify a place where diffusion takes place.
- Identify a substance that diffuses there.
- Identify where that substance diffuses from and where it diffuses to, at the place.
