

Name: _____

Date: _____

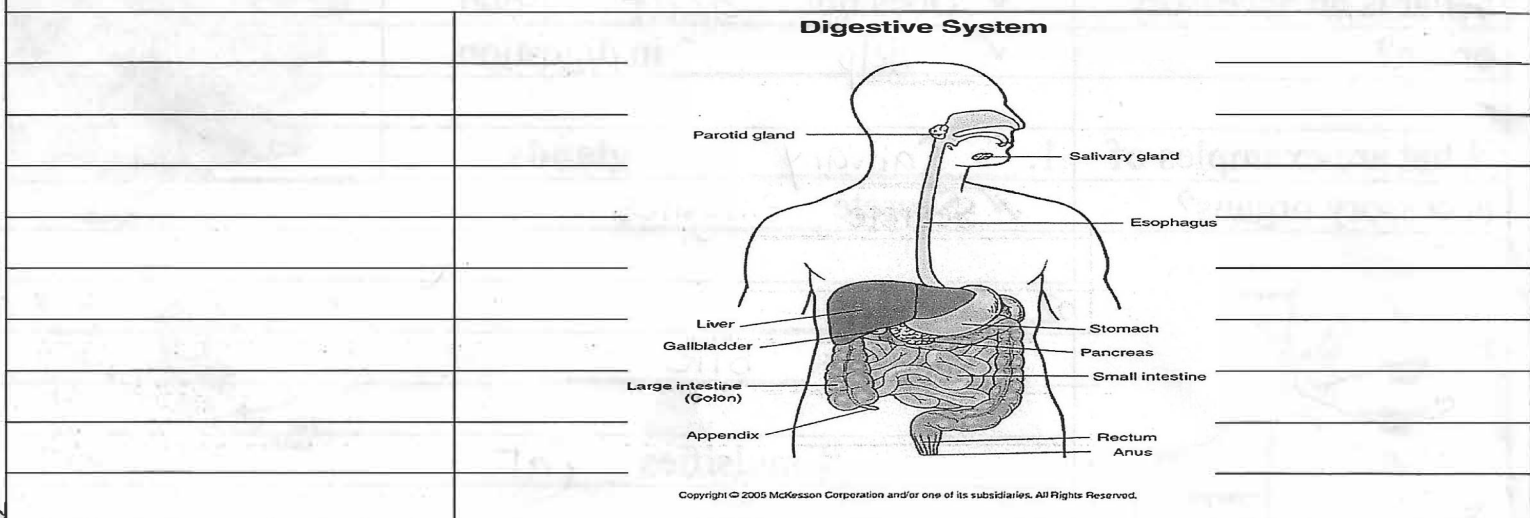
Period: _____

Do Now# 29

Homework: 29

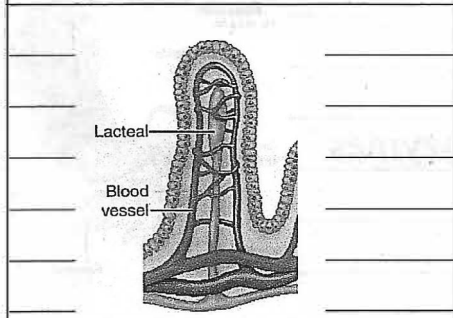
Aim: Why do we need to digest food?

- Vocabulary: (10)**
- | | | | | |
|---------------------------|---------------------------|------------------|-----------------------|--------------------|
| 1. <u>small intestine</u> | 3. <u>large intestine</u> | 5. <u>rectum</u> | 7. <u>liver</u> | 9. <u>pancreas</u> |
| 2. <u>villi</u> | 4. <u>colon</u> | 6. <u>anus</u> | 8. <u>gallbladder</u> | 10. <u>bite</u> |



What happens in the small intestine?

✓ Where final digestion occurs.
Diffusion of simple nutrients occur.



✓ The small intestine diffuse nutrients through its' villi.

↓

microscopic fingerlike structures in the small intestine for absorbing nutrients (end products) of digestion.

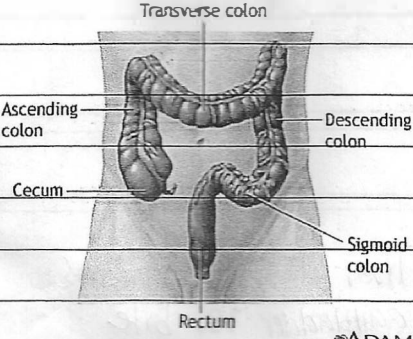
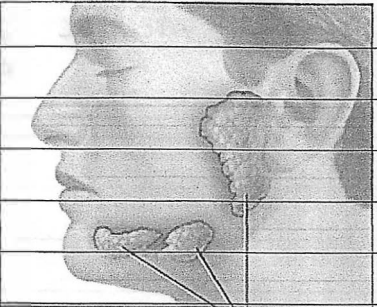
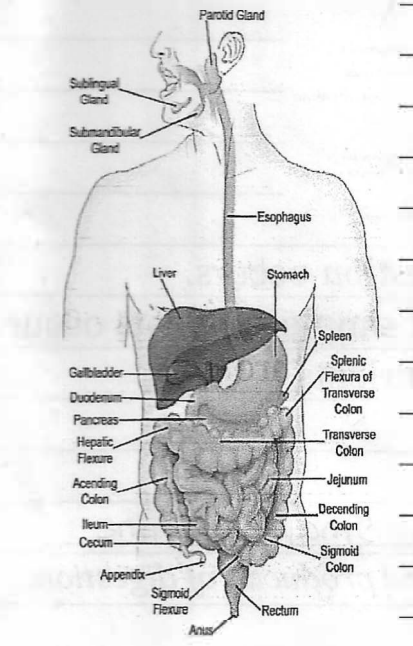
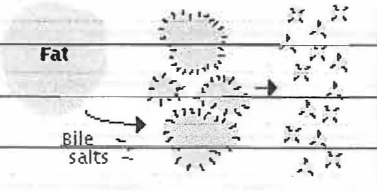
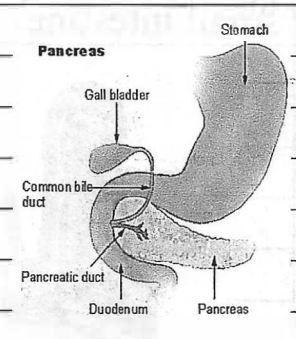
Where will the undigested food go?

✓ To the large intestine.

What is the job of the large intestine?

1. Re-absorbs water.
2. Receives undigested material from food.

Why do we need to digest food to simple molecules?

Questions/Main Ideas:	Notes:	
	<p>✓ Large intestine is also known as the <u>colon</u>.</p> <p>Feces are temporarily stored in the <u>rectum</u>.</p> <p>✓ Feces are eliminated through the <u>anus</u>.</p>	
<p>What is an accessory organ?</p>	<p>✓ Does not <u>digest</u> food.</p> <p>✓ <u>Help</u> in digestion.</p>	
<p>What are examples of accessory organs?</p>	<p>1. <u>Salivary</u> glands</p> <p>✓ Secrete <u>saliva</u>.</p>	 <p>Salivary glands</p>
	<p>2. <u>Liver</u></p> <p>✓ Secretes <u>bile</u></p> <p style="text-align: center;">↓</p> <p style="text-align: center;">Emulsifies <u>fat</u></p> <p style="text-align: center;">↓</p> <p style="text-align: center;"><u>Break down fat into into small globules</u></p> <p>3. <u>Gallbladder</u></p> <p>✓ <u>Stores</u> bile temporarily.</p> <p>4. <u>Pancreas</u></p> <p>✓ Secretes <u>digestive</u> enzymes</p>	 <p>Fat</p> <p>Bile salts</p>  <p>Pancreas</p> <p>Gall bladder</p> <p>Stomach</p> <p>Common bile duct</p> <p>Pancreatic duct</p> <p>Duodenum</p> <p>Pancreas</p>
<p>How are complex food digested?</p>	<p>✓ Through <u>Hydrolysis</u></p> <p style="text-align: center;">↓</p> <p style="text-align: center;"><u>Breaks down of food molecules by adding Water</u></p>	

Summary: 2 points

In the small intestine

Also, in the small intestine

In the large intestine

The reason we digest food is that