

Name _____

Date _____

LABOR 2

Human Digestive System

The human digestive system is a complex series of organs and glands that process food in order to use the food as fuel, and body fat to break the food down into smaller molecules.

The digestive system is essentially a long, twisting tube that runs from the mouth to the anus and processes or stores digestive chemicals.

The Digestive Process

All meals pass using the following route:

mouth - liver - salivary - esophagus - stomach - small - large - rectum - sigmoid - anal - rectum - anal canal - anus

The start of the process - the mouth: The digestive process begins in the _____, food is partly broken down by the process of chewing, and by the action of the _____ glands.

On the way to the stomach in the _____, after being chewed and swallowed, the food enters the _____. It is a long tube that runs from the mouth to the _____. It uses muscle movements to force food from the throat into the stomach. This muscle movement gives us the ability to eat or drink.

In the stomach - The stomach is a large, sack-like _____.

In the small intestine - After being in the stomach, food enters the _____, the first part of the small intestine. In the small intestine, bile (produced in the _____ and stored in the gallbladder) and other digestive enzymes help in the breakdown of food.

In the large intestine - After passing through the small intestine, _____ passes into the large intestine. In the large intestine, most of the water and different substances are removed from the food.