



Quiz Answer Key

- Your digestive system works on the foods you eat for about:
 - 5 hours
 - 10 hours
 - 15 hours
 - 20 hours
- The digestive system breaks down food into:
 - nutrients
 - amylase
 - saliva
 - sphincters
- During the process of absorption, nutrients from food go from:
 - the intestines into the bladder
 - the blood into the organs
 - the intestines into the bloodstream
 - the mouth into the stomach
- The alimentary canal, or digestive tract, is made up of the:
 - pancreas, liver, and gallbladder
 - esophagus, stomach, and intestines
 - colon, rectum, and anus
 - mouth, esophagus, and stomach
- These move food through the digestive system:
 - digestive fluids
 - enzymes
 - mucous membranes
 - smooth muscles
- In the stomach:
 - muscles churn and mix the food with acids and enzymes
 - glands make 3 quarts of digestive juices each day
 - food leaves as a thick liquid called chyme
 - all of the above
- The pancreas, liver, and gallbladder help digestion in these ways, respectively:
 - making enzymes; making bile and processing nutrients; and storing bile
 - producing saliva; digesting carbohydrates; and eliminating waste
 - producing hormones; producing enzymes; and eliminating waste
 - making acids; producing digestive juices; and storing enzymes
- A flexible flap of tissue called the epiglottis reflexively closes over the windpipe when we swallow to prevent choking.
- Waves of muscle contractions called peristalsis force food down through the esophagus to the stomach.
- The inner wall of the small intestine is covered with millions of microscopic, finger-like projections called villi, through which nutrients can be absorbed into the body.

Extra credit

The small intestine is made up of three parts: the c-shaped first part called the duodenum, the coiled midsection called the jejunum, and the final section that leads into the large intestine called the ileum.