

Open-ended Assessment:

Describe with as much detail as possible the function of each in the digestive process. Write in complete sentences.

What is digestion and why is it important?

Digestion is important because it will help you be healthier. It makes you healthier because food that passes by your ^{digestive} system gives you nutrients.

What happens in the mouth?

In the mouth, mechanical and chemical digestion starts. Mechanical digestion is the physical breaking down of food. Chemical digestion is also the breaking down of food. The only difference is that in one you bite it and in the other enzymes work.

The esophagus is like a tube ^{or connection} between the mouth and stomach. It measures 30 cm. It takes ^{for} 6 seconds for the food to pass by the esophagus.

What happens in the stomach?

In the stomach ^{hydrochloric} hydrochloric acids break down nutrient. ^{How} ~~When~~ these acids ^{don't} ~~can~~ burn your stomach is that you have a ^{protective} lining called mucus. After 4 hours in your stomach food becomes a thick milkshake called chyme. Your stomach is sized measured the size of your closed fist. It may grow 5 liters.