The Digestive System

Matching:

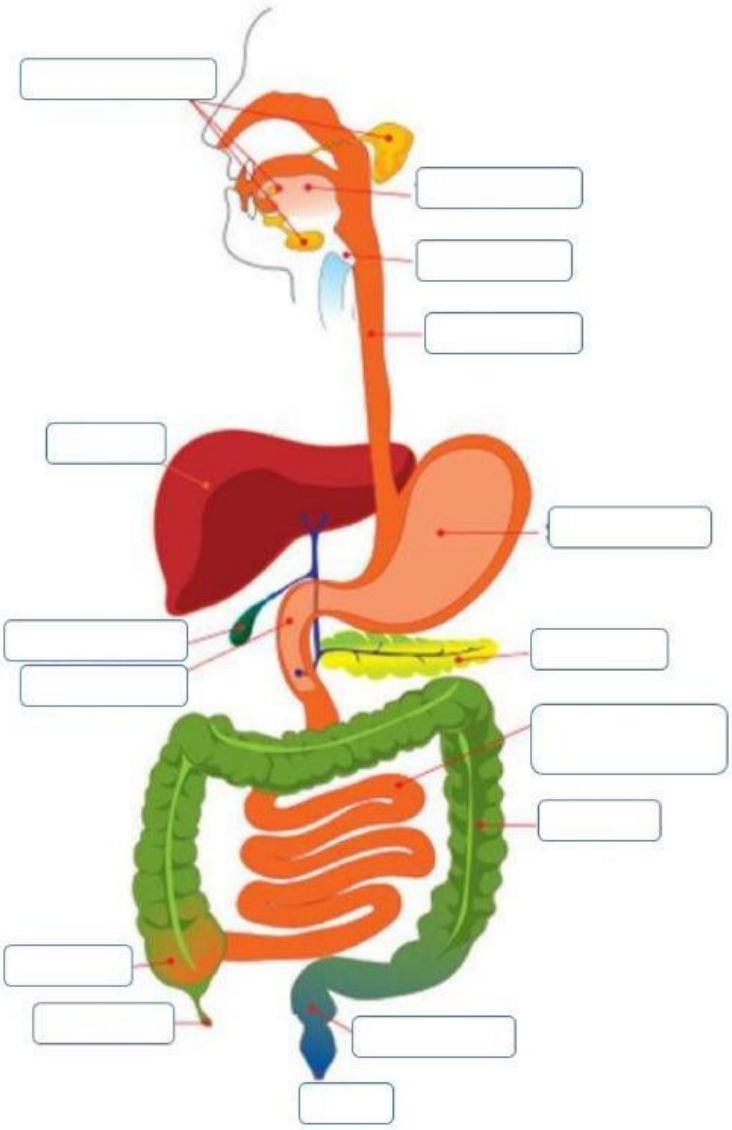
Mesentery **Esophagus** **Gastrointestinal Tract** **Bolus**
Duodenum **Bile** **Digestion** **Peristalsis** **Nutrients**

1. _____ - a twisting channel that transports your food and has internal surface area of between 30 and 40 square meters
2. _____ - a yellowish-green liquid that digests fat
3. _____ - a large stretch of tissue that supports and positions all digestive organs in the abdomen
4. _____ - a series of actions that create a process to break down food in the body
5. _____ - first part of the small intestine
6. _____ - a moist lump of food produced when the saliva mixes with food
7. _____ - a 25-centimeter-long tube going from the throat to the stomach where the food goes after it is chewed and swallowed
8. _____ - a series of defined muscular contractions that propels the food into the stomach
9. _____ - needed to sustain bodily functions

Multiple Choice:

1. How many organs are included in the Digestive System?
   a. 6
   b. 10
   c. 8
2. What is the purpose of the Digestive System?
   a. To allow the body oxygen
   b. To help the body move
   c. To transform food into nutrients and energy
3. What is the trio of organs that break down food using special juices?
   a. Pancreas, gallbladder, and liver
   b. Hormones, blood cells, and enzymes
   c. Heart, lungs, blood vessels
4. What four things work together to break down food, modulate digestive process, and deliver its final products?
   a. Heart, lungs, liver, and kidneys
   b. Enzymes, hormones, nerves, and blood
   c. Blood vessels, enzymes, red and white blood cells
5. What do your glands start to produce before you even have the first bite of food?
   a. Saliva
   b. hormones
   c. Oxygen
6. What helps to break down starches in your food?
   a. White blood cells
   b. Enzymes in the saliva
   c. Hormones in the blood
7. What is secreted by the cells in the lining of the stomach that trigger the release of acids to break down proteins in food?
   a. carbohydrates
   b. carbon dioxide
   c. Hormones
8. What do carbohydrates turn into?
   a. Glucose
   b. fats
   c. nutrients
9. How long does the digestive journey last?
   a. 48 – 72 hours
   b. 30 – 40 hours
   c. 2 – 3 hours

Label the Diagrams Below with the parts of the Digestive System and Oral Cavity



Tongue

Salivary Glands

Rectum

Esophagus

Appendix

Liver

Ileum
(small intestine)

Anus

Colon

Gallbladder

Colon

Caecum

Duodenum

Pancreas

Stomach

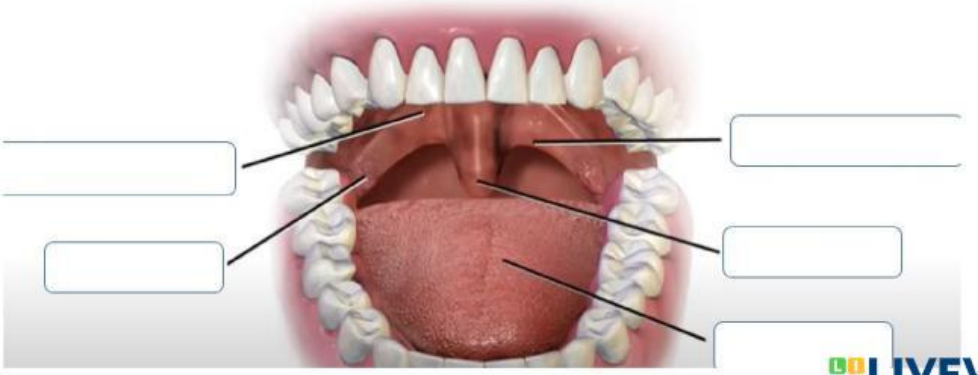
Epiglottis

oral cavity (mouth)

Tongue

Soft Palate

Uvula



Tonsil

Hard Palate