

Digestive System

Write the name of the digestive system structure that matches each of the puzzle descriptions. Use the numbers to LABEL and COLOR each organ. The boxed letters running vertically through each word spell the answer to this question:

What is the process by which nutrients pass from the digestive system to the blood? _____

- 1 Produces enzymes that flow into the small intestine and helps break down starches, proteins, and fats; *orange* _____
- 2 After bile is produced in the liver, it is stored here until it is needed in the small intestine; *green* _____
- 3 A muscular tube that connects the mouth to the stomach; *yellow* _____
- 4 Muscular pouch that holds food where most mechanical digestion and some chemical digestion takes place; *brown* _____
- 5 The largest organ inside the body which produces bile that breaks down fats, medicines, and other substances; *red* _____
- 6 Flap of tissue that prevents food from entering the windpipe _____
- 7 Most chemical digestion and absorption of nutrients takes place in the small _____; *blue* _____
- 8 Finger-shaped structures through which nutrients are absorbed into the blood; *light blue* _____
- 9 Where mechanical and chemical digestion begin; *pink* _____
- 10 Where food is eliminated; *black* _____
- 11 Excess water is reabsorbed and solid material is readied from elimination from the body in the _____ intestine; *purple* _____

Word Bank
 anus, epiglottis, esophagus, gallbladder, intestine, large, liver, mouth, pancreas, stomach, villi

