

## The Digestive System: Digestion and Absorption

1. List the three major nutrient classes (a.k.a. macronutrients).
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_
  - c. \_\_\_\_\_
2. Which of the following carbohydrates is NOT a disaccharide?
  - a. maltose
  - b. lactose
  - c. starch
  - d. sucrose
3. The breakdown products (monomers) of proteins are \_\_\_\_\_.
4. The breakdown products of triglycerides include monoglycerides and \_\_\_\_\_.
5. The digestive enzyme \_\_\_\_\_ begins the breakdown of proteins in the stomach.
6. Pancreatic \_\_\_\_\_ is responsible for the majority of fat digestion.
7. Colic bacteria produce substantial quantities of \_\_\_\_\_ as a by-product of their metabolism.
8. List the three main substances that are absorbed in the large intestine.
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_
  - c. \_\_\_\_\_