The purpose of the digestion system is to break down food and absorb nutrients into the blood. Bacteria help because they can digest cellulose, a sugar found in the cell walls of plants.

**Buffalo**

Ruminant: a hoofed mammal that regurgitates its cud to chew it again. Digests bacteria, makes water, and pack-poo.

**Zebra**

Non-Ruminant: a hoofed mammal that doesn't regurgitate. It feeds on leaves and absorbs some nutrients. Lots of water, pack-poo.

**Organ Color Key**

- Mouth
- Esophagus
- Stomach
- Small Intestine
- Cecum
- Large Intestine

**What is the name for the largest section of a ruminant's stomach?**

Yemen