Ruminant Verses Non-Ruminant Digestive Systems

Let's Start With the Basics!

The series of organs in the digestive system through which food passes, nutrients are absorbed, and waste is eliminated.

What is a Ruminant?
Any even-toed, cloven-hoofed animal, that chews a cud consistently or regularly and has a stomach that is divided into four compartments.

Differences in Ruminant/Non-Ruminant Digestive Tracts:
1. They have a 4-compartmental stomach designed to digest plant matter (rumen, reticulum, omasum, abomasum).
2. They have a large fermentation vat full of microbes.
3. Ruminant examples include; Cattle, sheep, camels, giraffes and goats.
4. Ruminants are normally herbivorous.
5. Ruminants can regurgitate.