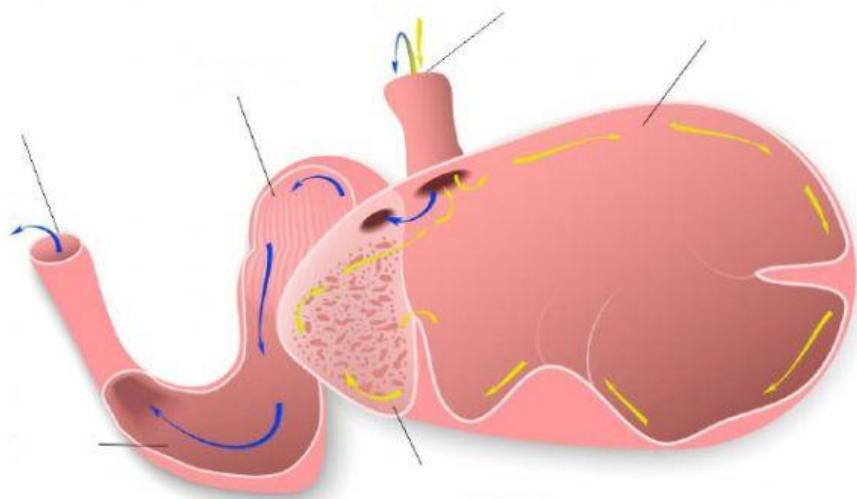


## Structure And Function Of The Ruminant Digestive System

Label the diagram of the digestive system of the sheep by dragging the label below into their correct positions.



**Omasum**

**Abomasum**

**Esophagus**

**Rumen**

**Reticulum**

**Small Intestine**

2. Which of the following animals have a ruminant?

- (A) Dog
- (B) Cat
- (C) Sheep
- (D) Duck

3. Which of the following is true of all ruminants?

- (A) They all chew the cud
- (B) They all eat only grass
- (C) They are all livestock animals
- (D) They are all domesticated.

4. How many compartments are there in the stomach of a ruminant?

- (A) One
- (B) Two
- (C) Three
- (D) Four

5. Which of the following is **not** true of the ruminant?

- (A) They have no incisors in their top jaw.
- (B) They regurgitate their food and chew it later.
- (C) They have three compartments in their stomachs
- (D) They all have a rumen.

6. In the digestive system of a sheep the major absorption of nutrients takes place in the ...

- (A) Rumen
- (B) Intestine
- (C) Omasum
- (D) Reticulum

7. Which of the following represents the passage of food through the stomach of the ruminant?

(A) Mouth → esophagus → rumen → esophagus → Mouth → esophagus  
→ Reticulum → Omasum → Abomasum → Small intestine

(B) Mouth → Esophagus → Rumen → Omasum → Abomasum → Small Intestine

(C) Mouth → Reticulum → Esophagus → Omasum → Small Intestine  
→ Abomasum

(D) Mouth → Esophagus → Reticulum → Rumen → Omasum