

DIGESTIVE SYSTEM IN HUMANS

- 1. Mouth**
 - Secretes digestive juice (saliva) to **begin digestion**
 - Teeth chew food to **increase surface area exposed to digestive juices to increase rate of digestion**
 - Passes digested and undigested food to the gullet

- 2. Gullet / Oesophagus**
 - Receives digested and undigested food from the mouth and passes it to the stomach
 - Does not secrete digestive juice – **no digestion occurs.**

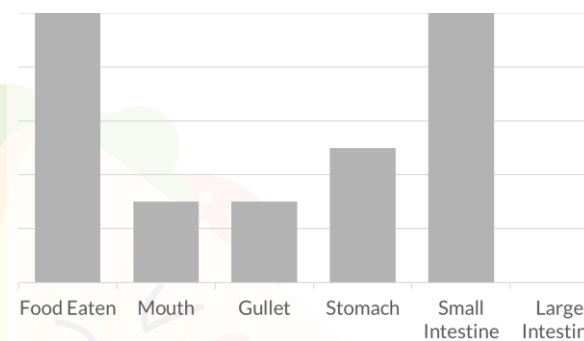
- 3. Stomach**
 - Secretes digestive juice (gastric acid) to **continue digestion**
 - Churns and mixes partially digested food with digestive juices
 - Passes digested and undigested food to the small intestine

- 4. Small Intestine**
 - Secretes digestive juices to **complete digestion**
 - Absorbs digested food into the bloodstream**
 - Passes on undigested food to the large intestine

- 5. Large Intestine**
 - Absorbs **water and minerals** from undigested food.
 - Stores undigested food as **faeces** before passing it on to the anus

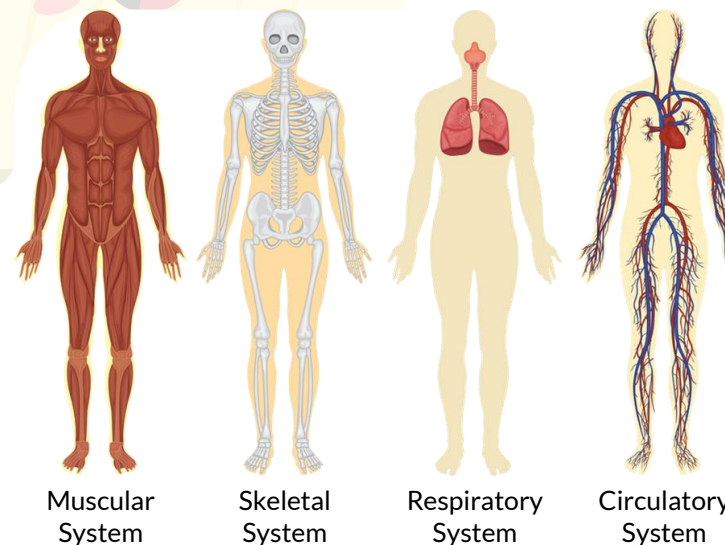
- 6. Anus**
 - Excretes faeces from the body

Amount of digested food found in each organ



Remember:

Digestion begins at the mouth and completes in the small intestine.



- Digestive system** digests food and **absorbs digested food** into the bloodstream at the **small intestine.**
- The **circulatory system** transports oxygen from the lungs, **digested food from the small intestine,** and **water from the large intestine** to all the muscles.
- The **muscles** convert digested food, water, and oxygen into **energy.**