


CONCEPT REVIEW
27

THE FUNCTIONS OF THE DIGESTIVE SYSTEM

 PAGES 168 TO 172
Complete this concept review handout and keep it as a record of what you have learned.

DEFINITIONS

- Digestion is _____

- Mechanical transformation consists of _____

- Chemical transformation breaks down _____

- Nutrients are _____

- Absorption is _____

PROCESSING FOOD IN THE DIGESTIVE SYSTEM

- Ingestion and propulsion of food along the digestive tract.
- _____
- _____
- _____

HOW FOOD TRAVELS ALONG THE DIGESTIVE TRACT

Mechanism	Description	Location
Deglutition	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____



DIGESTION

Mechanical transformation

Process	Description	Location
Chewing	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Chemical transformation

Digestive glands and secretions

Digestive glands	Secretions	Location	Targets
Salivary glands	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Nutrients

Nutrients that can be directly absorbed

Water, _____

Nutrients requiring chemical transformation

Nutrients	Molecules
Proteins	_____
Carbohydrates	_____
Fats	_____