

Solutions

Each answer shows the steps, then the **result**.

2.1

- lipase digests fat into **fatty acids** and **glycerol**

2.2

- the enzyme that digests protein is **protease**

3.1 B

- amylase digests starch into **reducing sugars**
- A is protease; C and D are lipase products

3.2

(a)

- it **kills harmful microorganisms**
- it gives an **acidic pH** suited to the stomach's protease

(b)

- the stomach protease is **pepsin**

3.3

- large molecules are **insoluble** and cannot be absorbed
- small soluble molecules can **pass into the blood**