

# Photosynthesis

This task is about photosynthesis.

a) To make glucose ( $C_6H_{12}O_6$ ) by the process of photosynthesis, plants need several raw substances in addition to sunlight.

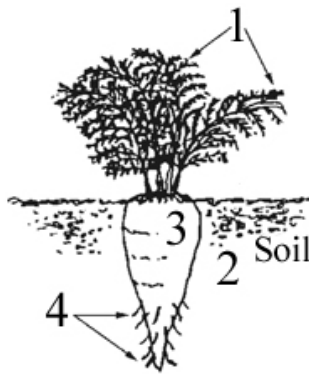
What are these raw substances? (*Select one*)

Carbon dioxide, oxygen

Water, oxygen

Hydrogen, oxygen

Water, carbon dioxide



b) Which part of the diagram shows where food is made by the plant? (*Select one*)

1

2

3

4

c) Photosynthesis is a process by which plants make their own food.

Where does the energy for photosynthesis come from? (*Select one*)

Nutrients in the soil

Chlorophyll

Carbon dioxide in the air

Water

Sunlight

d) All the following contain chlorophyll EXCEPT ... (*Select one*)

seaweed

cacti

moss

fungi

ferns