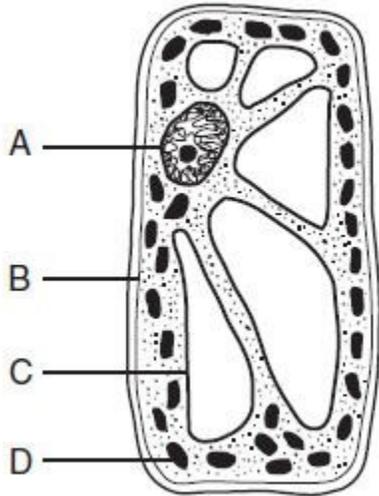


SC.912.L.14.3 – Cell Structure – Example 6 Answer

The diagram below represents a cell of a green plant.



Solar energy is used to produce energy-rich compounds in which structure?

A. A

B. B

C. C

D. D

Answer

D. D

Structure A is the nucleus, Structure B is the cell membrane, Structure C is a vacuole and Structure D is a chloroplast. The chloroplast is where photosynthesis takes place converting solar energy into sugars that are then converted to energy in the form of ATP.