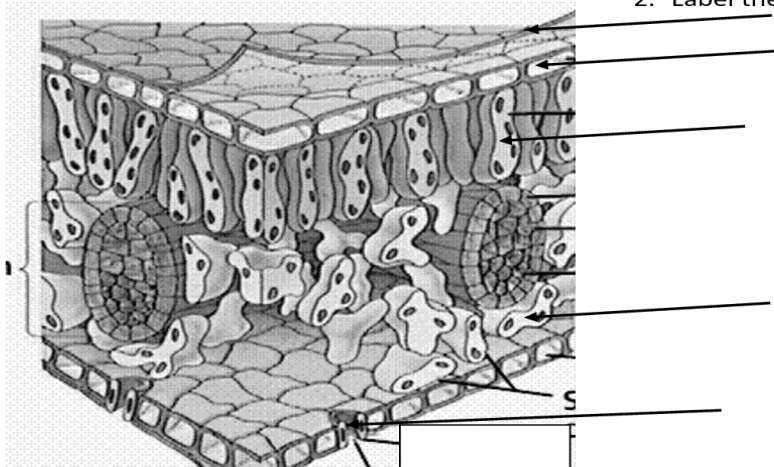


1. True/False All photosynthesis is carried out by plants.

2. Label the figure below:



3. The energy for photosynthesis comes mostly from various \_\_\_\_ wavelengths.

- Red and green
- Blue and red
- Blue and yellow
- Green and blue

4. Matching:

- |   |                          |
|---|--------------------------|
| a. Stacks of thylakoid-enclosed sacs                    | ____ thylakoid memb.     |
| b. Organelles in which photosynthesis takes place       | ____ mesophyll cells     |
| c. Cells containing the highest density of chloroplasts | ____ grana               |
| d. Waxy outer layer of leaves                           | ____ chloroplasts        |
| e. Cells that form the outer layer of veins             | ____ stomata             |
| f. Membranes containing chlorophyll & photosystems      | ____ bundle sheath cells |
| g. Pores that permit gas exchange to take place         | ____ cuticle             |

5. True/False Stomata are permanently open to permit gas exchange to place continually.