Chapter 10: True or False

Name:

1. In terms of energy harvesting, the chloroplast is to plants as the mitochondria is to animals.
2. CO2 and O2 gases are exchanged in the stroma of the leaves.
3. Photosynthesis can be summarized as the oxidation of CO2.
4. O2 released during Photosynthesis is from the splitting of water.
5. The light reaction of Ps occurs in the stomata.
6. Darker objects gain heat faster by reflecting all wavelengths of light.
7. Your date has a red shirt on tonight, meaning that the pigments on their shirt absorbs at about 700nm.
8. Wavelengths of 380nm - 450nm are much lower in energy than the ultra red 700nm – 750nm of light on the visible light spectrum.
9. Visible light consists of colors we can see, including wavelengths that drive photosynthesis.
10. Calvin cycle is fueled by NADH and ATP, which are produced in the light reaction.