

Practice Quiz and Review Sheet

What are the main gases that make up our atmosphere?

What are the layers of the atmosphere (from the surface of the Earth to space)?

What type of EM radiation interacts with ozone in the stratosphere to make that area warmer?

The sun provides 341 watts per square meter of energy to the Earth. 161 W/m² are absorbed by the Earth. What percentage of the incoming shortwave (light) radiation is this? (Show your work.)

What happens to the radiation that is absorbed by the Earth?

Name two greenhouse gases.

List the following types of light from the EM spectrum in the proper order: blue, green, infrared, orange, ultraviolet.

Explain how the greenhouse effect keeps the Earth warm.

Define *albedo* and tell which would have a *lower* albedo: snow or grass.