

Name _____

Date _____

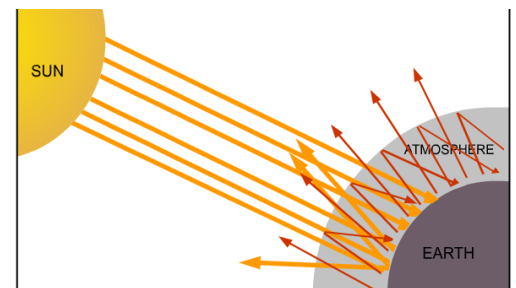


1. How would increasing CO₂ levels affect the Earth's average temperature?

- a. Temperature would increase as the CO₂ level increases.
- b. Temperature would decrease as the CO₂ level increases.
- c. Earth's average temperature would not change.
- d. Temperature would be lower than usual.

2. Circle all the ways that greenhouse gases (GHG) affect the energy radiating from the earth.

- a. GHG increase the amount of energy from the sun, and therefore increase the energy radiated by the earth
- b. GHG allow some energy to escape into space
- c. GHG reflect some energy back to the earth
- d. GHG decrease the amount of energy from the sun, and therefore decrease the energy radiated by the earth



3. If there were no greenhouse gases in the atmosphere

- a. it would be great for life on earth because there would be no worry about climate change
- b. the earth's temperature wouldn't change significantly
- c. the earth's temperature would decrease significantly
- d. the earth's temperature would increase significantly