How Warm Will Earth Get?

Drag the correct word from the list to complete the sentence.

reflects atmosphere

a) Water vapor in the atmosphere condenses into tiny droplets that form __clouds__.

b) A period of ten years is called a __decade__.

c) A surface that _____ light, bends the light back.

d) The _____ is the thin layer of gas that surrounds Earth.

Reset

Reading Passage

Global Warming: Reduction

How Warm Will Earth Get?

The concentration of greenhouse gases in Earth's atmosphere has been rising for several decades. The average temperature of Earth's atmosphere has also been rising during that time. How warm Earth's atmosphere will get depends on how long it takes people to lower greenhouse gas **emissions**, or the amount of gas put into the atmosphere. It also depends on how the Earth system responds to warming.

Will people continue to emit greenhouse gases at a steady rate, or will we lower our emissions? If people can lower emissions faster, Earth's average temperature will most likely increase at a slower pace. If people do not lower emissions, or if emissions increase, Earth's average

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Which statements are True and which statements are False?

WELL DONE!

✓ TRUE / FALSE **A)** The concentration of greenhouse gases in the atmosphere has remained the same for several decades.

✓ TRUE / FALSE **B)** If people lower greenhouse gas emissions, then Earth's average temperature will go down.

✓ TRUE / FALSE **C)** If people could stop all greenhouse gas emissions, Earth's average temperature would continue to rise slowly.

✓ TRUE / FALSE **D)** Negative feedback responses may act to balance changing temperatures.

Reset