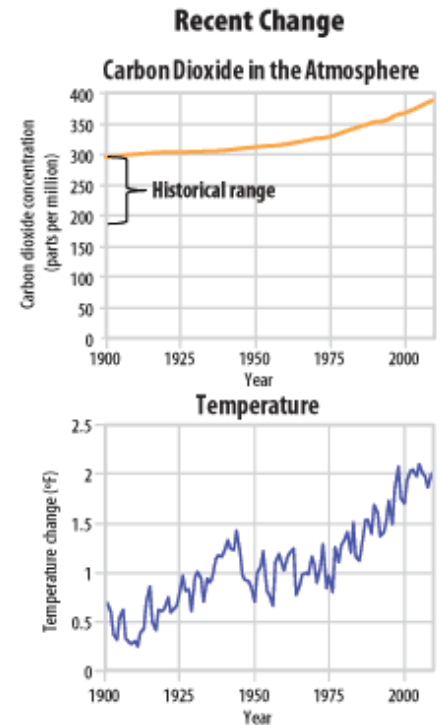
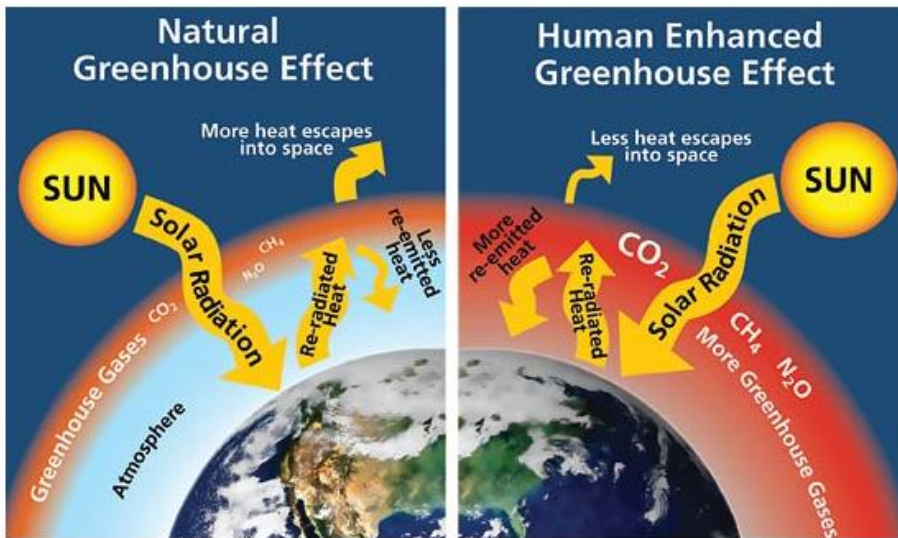


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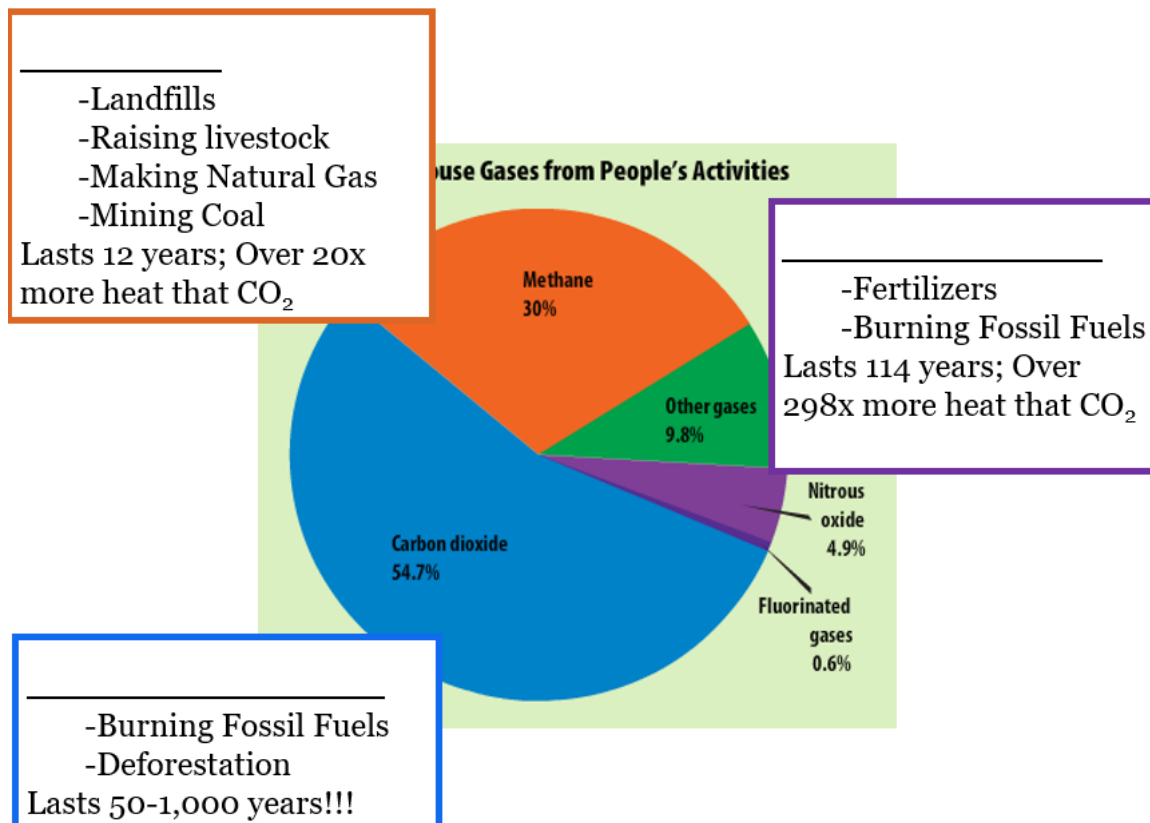
I can explain how Atmospheric Changes Impact Global Climate

Global Warming

- _____
- Caused by an _____ - CO₂ and methane - that trap heat in the Earth's atmosphere



Greenhouse Gases



Results of Global Warming

- Melting polar ice caps may lead to _____
- _____ (hurricanes, droughts)
- Disruption of Ecosystems → Loss of Biodiversity

How Can We Reduce Greenhouse Gas Emissions & Global Warming?

1. Use alternative energy
— _____
2. Reduce use of fossil fuels
— _____
3. Tax carbon emissions
4. Buy energy efficient appliances

Analyze the data shown in the graph. In your answer, be sure to:

- state the overall relationship between time and carbon dioxide levels
- state *one* possible cause for the overall change in the carbon dioxide levels shown in the graph
- identify the biological process that might account for the decreases in carbon dioxide levels
- identify *two* actions carried out by humans that could lower carbon dioxide levels

