

Chapter 16: Human Impact on Ecosystems

Section 2: Air Quality

I CAN STATEMENT: _____

VOCABULARY: Define each word using the text provided.

| Word | Page Found in Reading Text | Definition |
|-------------------|----------------------------|------------|
| Pollution | | |
| Smog | | |
| Particulate | | |
| Acid Rain | | |
| Greenhouse Effect | | |
| Global Warming | | |

MAIN IDEA: Pollutants Accumulate in the Air. COMPLETE sentences please!

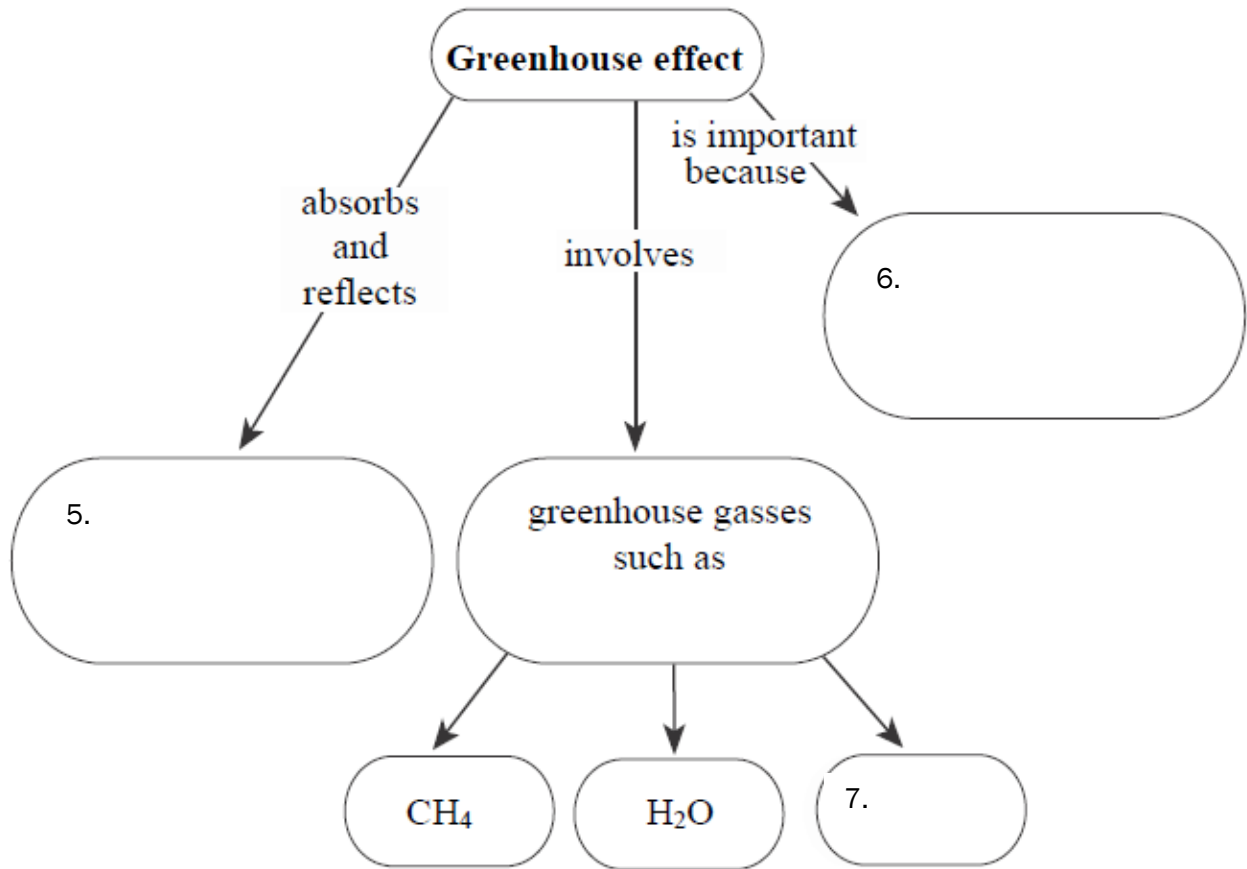
1. According to the text, what are the major components of smog and how does it form?

2. According to the text, how does acid rain affect ecosystems?

3. According to the text, what is pH?

4. According to the text, as the human population continues to increase and use more fossil fuels, why might acid rain become a bigger problem?

Complete the concept map with information about the greenhouse effect.



8. According to the text, what is the relationship between the greenhouse effect and global warming?

9. According to the text, how would an increase in atmospheric greenhouse gases contribute to an increase in average global temperatures?

10. According to the text, how might climate change affect seasonal temperature changes?
