

Name _____



Greenhouse Effect: True or False

Read each statement carefully. Decide if it is **True (T)** or **False (F)**. If false, try to think about how the statement/s could be corrected and rewrite them in the space at the bottom.

T/F

1. The greenhouse effect is a natural process that helps keep Earth warm.
2. Without the greenhouse effect, Earth would be hotter than it is today.
3. Carbon dioxide, methane, and water vapor are examples of greenhouse gases.
4. Burning fossil fuels adds extra greenhouse gases to the atmosphere.
5. The greenhouse effect and global warming are exactly the same thing.
6. Global warming can cause sea levels to rise as ice melts.
7. Infrared radiation is the heat energy that Earth gives off after absorbing sunlight.
8. Greenhouse gases act like glass in a greenhouse, trapping heat inside.
9. The greenhouse effect is always harmful and should be eliminated completely.
10. Human activities can make the greenhouse effect stronger than it naturally should be.