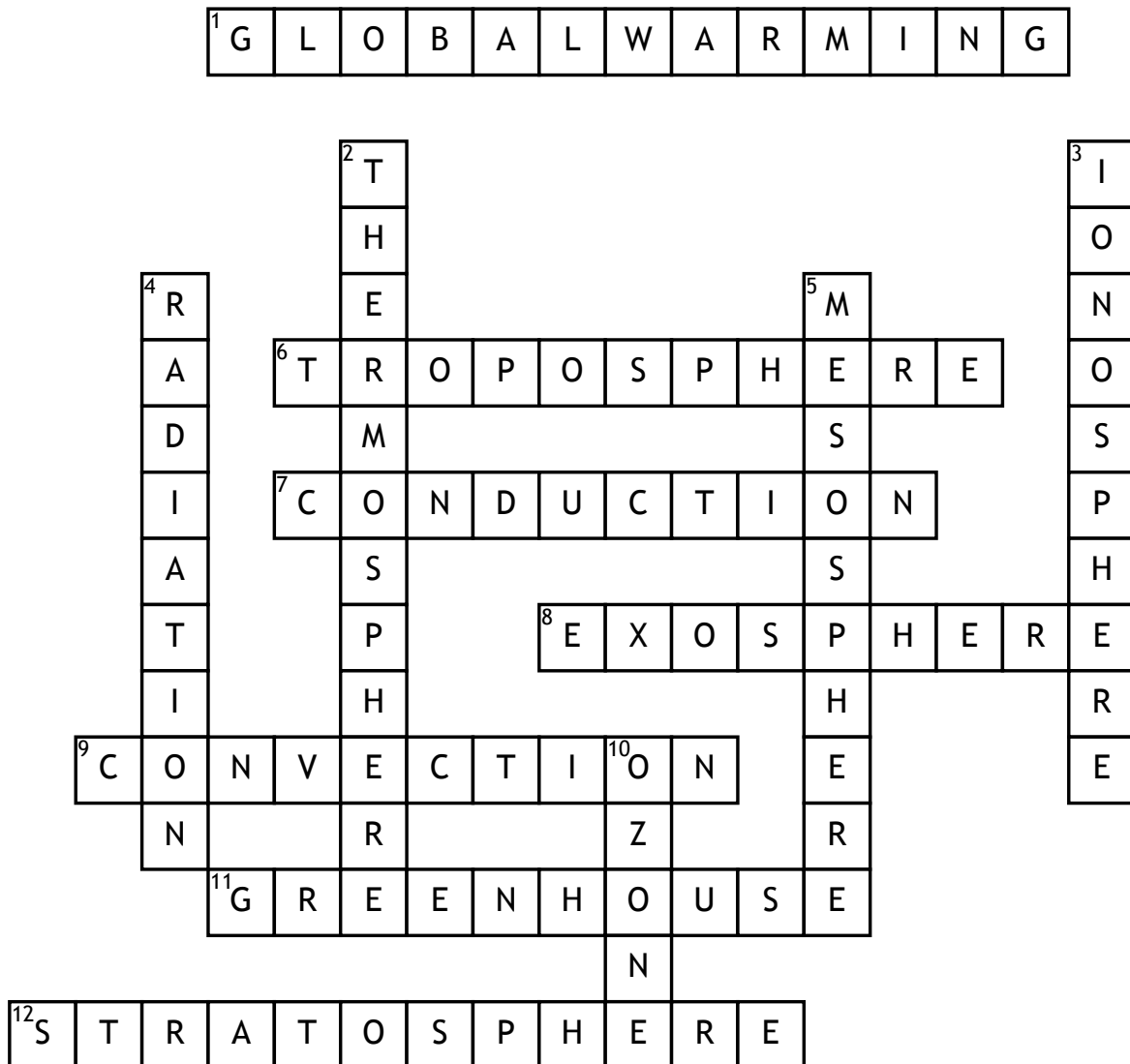


# Ch. 17 The Atmosphere



## Across

1. The rise in average global temperatures over time.
6. Layer closest to the Earth's surface; contains 90% of the atmosphere's total mass; all weather occurs in this layer
7. The transfer of heat from one thing to another through direct physical contact.
8. Outermost layer of the atmosphere that contains almost no air molecules.

9. The transfer of heat by circulation or movement.

11. The \_\_\_\_\_ effect is the process by which gases in the atmosphere trap heat.

12. Layer that contains ozone

## Down

2. Layer with high temperatures due to absorption of the Sun's rays.
3. Layer of electrically charged particles found within the thermosphere

4. Earth receives energy from the sun in the form of \_\_\_\_\_.

5. Coldest layer of the atmosphere; located above the stratosphere

10. Important gas in the atmosphere that absorbs ultraviolet radiation from the sun.