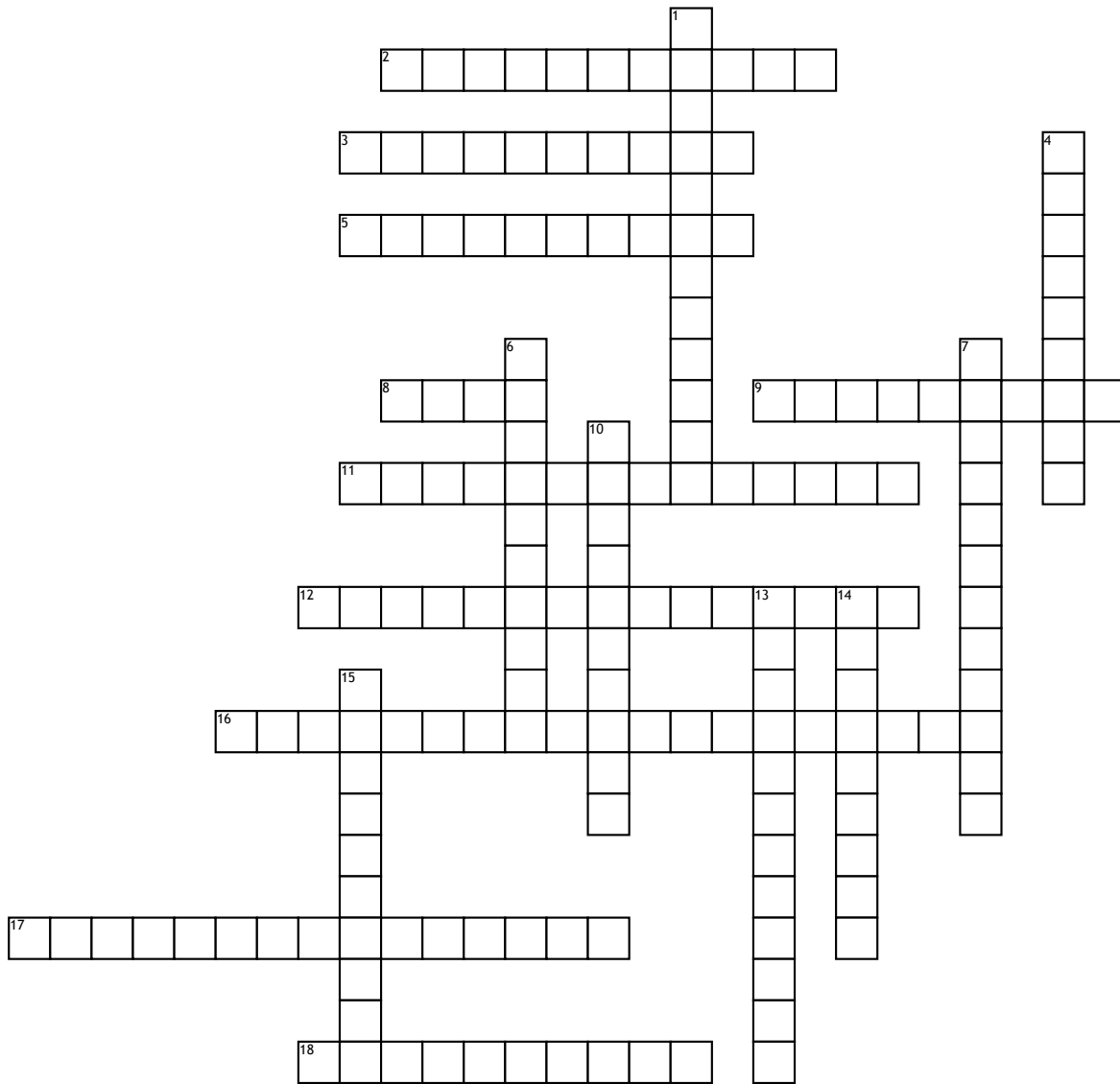


Name: _____

Atmosphere/ Heat Transfer



Across

- 2. 0-17km above Earth's surface, site of weather, organisms, contains most atmospheric water vapor.
- 3. layer of Earth's atmosphere immediately above the stratosphere
- 5. transfer of heat by the movement of fluid.
- 8. thermal energy in transfer from one body of matter to another.
- 9. energy that is radiated or transmitted in the form of rays or waves of particles
- 11. the effect of Earth's rotation on the direction of winds and currents.

12. Gases such as Carbon Dioxide, Methane, Nitrous Oxide, and Water Vapor.

16. the pressure caused by the weight of the atmosphere.

17. a scale that ranks levels of ozone and other air pollutants

18. a substance that reduces the transfer of thermal energy.

Down

1. uppermost layer of the atmosphere, in which temperature increases as altitude increases.

4. a sedimentary rock consisting of mainly calcium

6. a thin layer of gases surrounding Earth.

7. 2nd layer of atmosphere; extends from 18-30 km up; location of ozone layer. Absorbs 95% of UV radiation.

10. a measure of the pollutants in the air that is used to express how clean or polluted the air is

13. a measure of how much of the sun's energy is reflected off an object back out to space.

14. the outer layer of the thermosphere, extending outward into space

15. direct transfer of heat from one substance to another substance that it is touching.