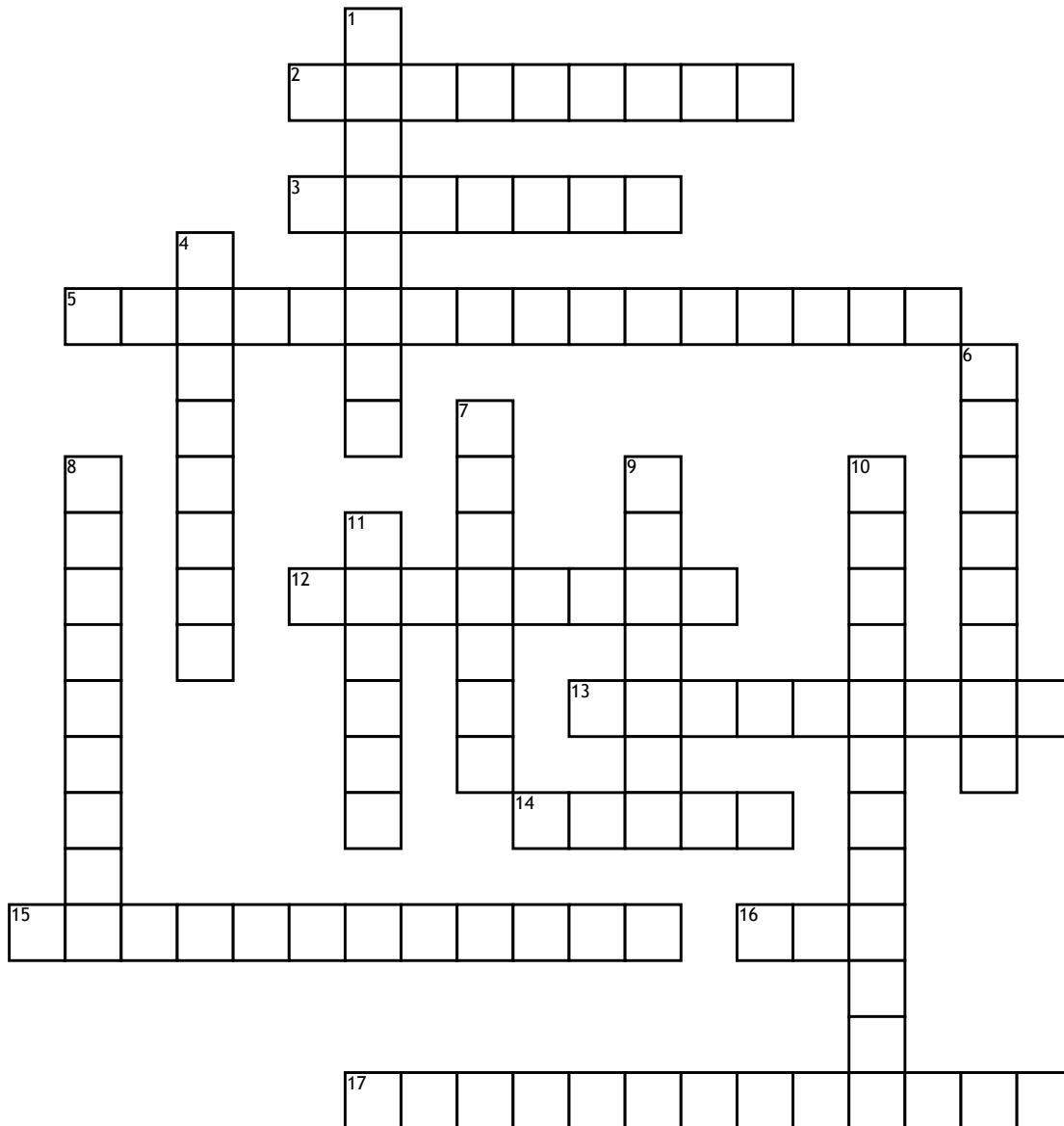


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# The Mysteries Of The Weather



## Across

2. A storm with a violent wind  
 3. A volume of air defined by its temperature and water vapor content  
 5. The amount of water vapor present in air expressed as a percentage of the amount needed for saturation at the same temperature  
 12. A line on a map connecting points having the same temperature at a given time or on average over a given period  
 13. The boundary of an advancing mass of warm air, in particular the leading edge of the warm sector of a low-pressure system  
 14. The boundary between two air masses that have different temperatures or humidity

15. A symbolic illustration showing the weather occurring at a given reporting station  
 16. Vapor condensed to fine particles of water suspended in the lower atmosphere that differs from cloud only in being near the ground  
 17. Rain, snow, sleet, or hail that falls to the ground

## Down

1. A quantity representing the amount of water vapor in the atmosphere or a gas  
 4. A severe snowstorm with high winds and low visibility  
 6. Is the temperature at which forms and is a measure of atmospheric moisture

7. The state of the atmosphere at a place and time as regards heat, dryness, sunshine, wind, rain  
 8. the boundary of an advancing mass of cold air, in particular the trailing edge of the warm sector of a low-pressure system.  
 9. A violently rotating column of air that is in contact with both the surface of the earth and a cumulonimbus cloud or, in rare cases, the base of a cumulus cloud  
 10. Scientists who study the atmosphere  
 11. A line on a map connecting points having the same atmospheric pressure at a given time or on average over a given period