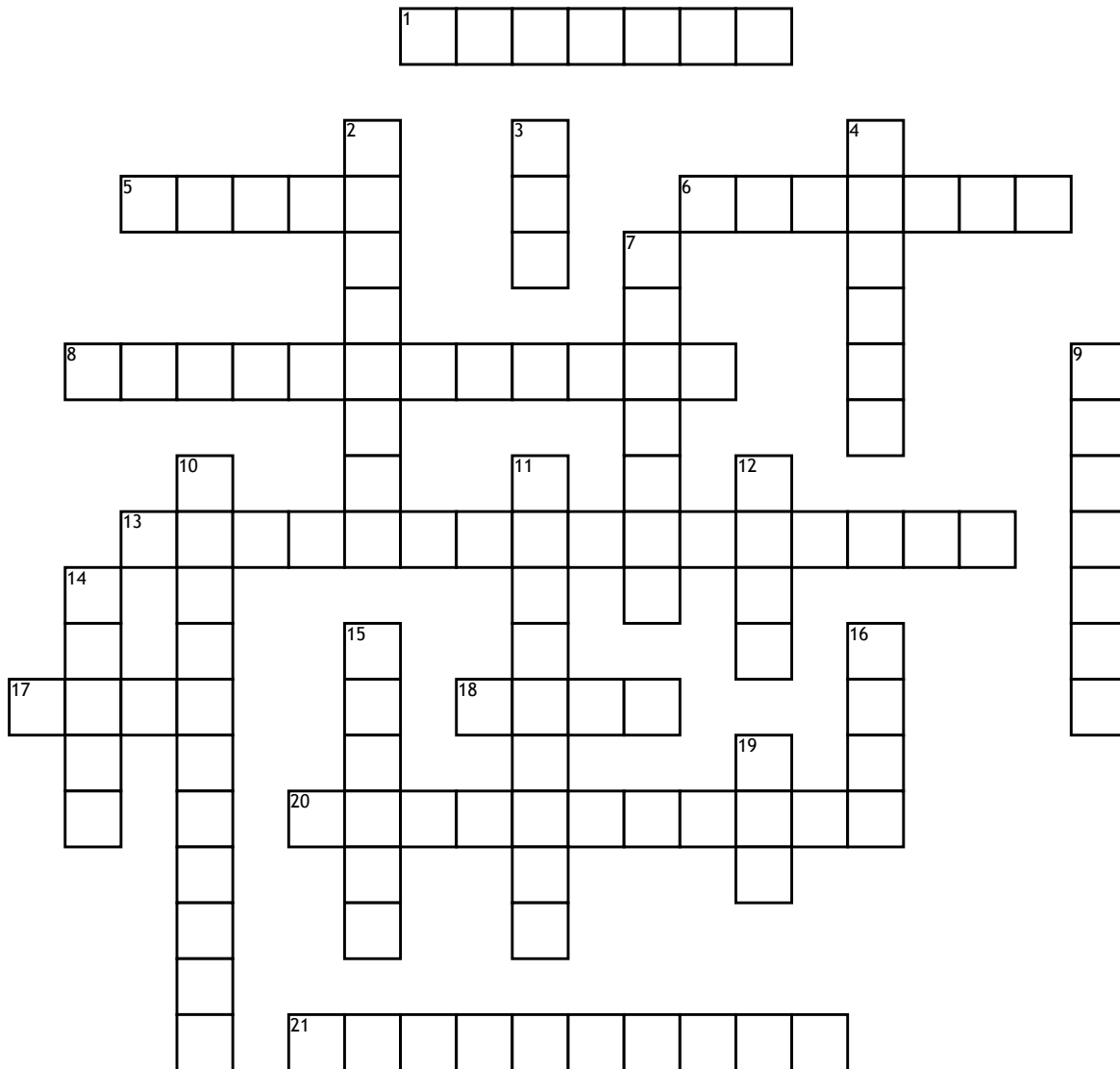


# Meteorology Grade 8 Fall 2019



## Across

1. Low level fluffy clouds made of water drops but without enough moisture to be rain clouds
5. Hurricanes tend to form at the equator, true or false?
6. Fast spinning planet with wind bands (Jovian bands) resulting from Coriolis effect
8. Layer of the atmosphere with stable temperature and horizontal winds
13. The amount of humidity in the air verses how much the air can hold at that temperature
17. Term to describe mid-level clouds

18. Does air heat or cool as it rises in altitude?

20. Layer of atmosphere that is the sea of air in which we live and where all weather takes place

21. Layer of gas surrounding earth and held on by gravity

## Down

2. Temperature to which air must be cooled to become saturated with water vapor

3. Condensed water in the air is called \_\_\_ or a cloud, depending on the altitude when it forms.

4. Term for low, gray clouds that are precipitating (raining or snowing)

7. Clouds forming sheets or "layers"

9. Type of cloud resembling heaps, lumps, or "plies" and indicating fair weather

10. The study of the atmosphere and its phenomena

11. The science of clouds

12. Fog with greater than 0.62 miles visibility

14. Weather systems spin clockwise in the northern hemisphere, true or false?

15. High, wispy clouds made of ice crystals; foretell worsening weather

16. Does warm air hold more or less water than cold air?

19. If you see a cloud halo around the sun or moon, will it likely be wet or dry in the next 12-24 hours?