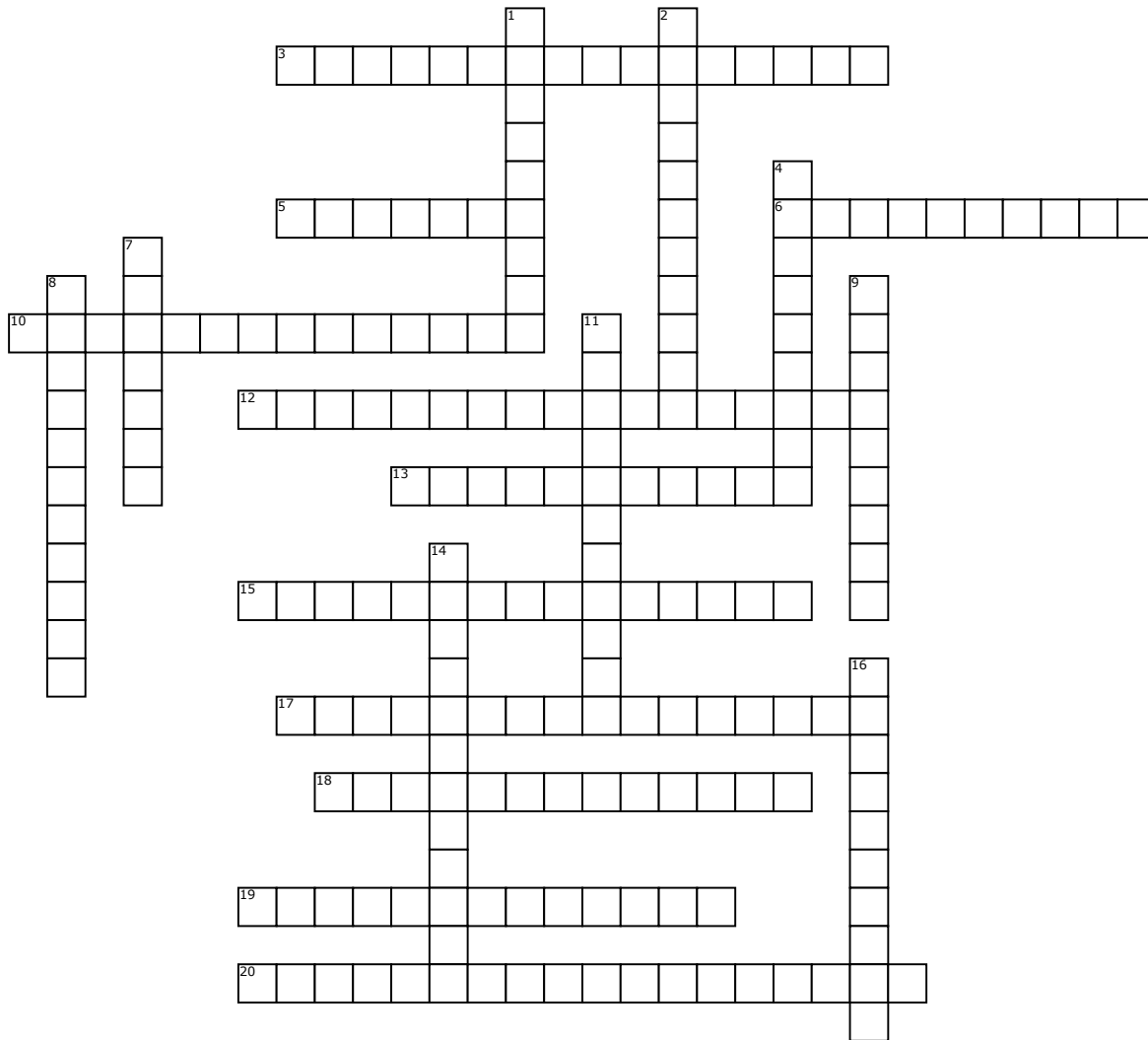


Name: _____

Date: _____

Climate



Across

3. the ability of gasses in the atmosphere to trap heat energy around the Earth

5. the day-to-day patterns of air and water in the troposphere

6. measures wind speed based on the rotation of the cups as the wind blows

10. the rotation of the Earth that causes storms in the Northern Hemisphere to spin counterclockwise

12. rising air that moves in a counterclockwise direction in the northern hemisphere, often associated with cloudy weather and precipitation

13. measures temperature

15. uses pictures from space to see large weather patterns

17. uses pictures from space to see large weather patterns

18. a localized climate that differs from the main regional climate

19. rapidly moving cold air mass, it lifts a warm air mass, then collides with another cold air mass

20. sinking air that moves in a clockwise direction in the northern hemisphere, usually associated with fair weather

Down

1. a mass of cold dense air that displaces warm air

2. local temperature of urban areas higher due to large expanses of concrete and asphalt

4. measures air pressure

7. long term average of variations in the atmosphere for a particular area

8. remnants of ancient plants that are typically burned for energy, releasing CO₂ gas

9. advancing warm air that rides up and over cold air

11. the processes of photosynthesis, decomposition, and respiration, by which carbon as a component of various compounds cycles between its major reservoirs: the atmosphere, oceans, and living organisms

14. an instrument that uses microwaves to detect the location, type and movement of precipitation

16. measures humidity by finding the difference between the wet bulb and the dry bulb