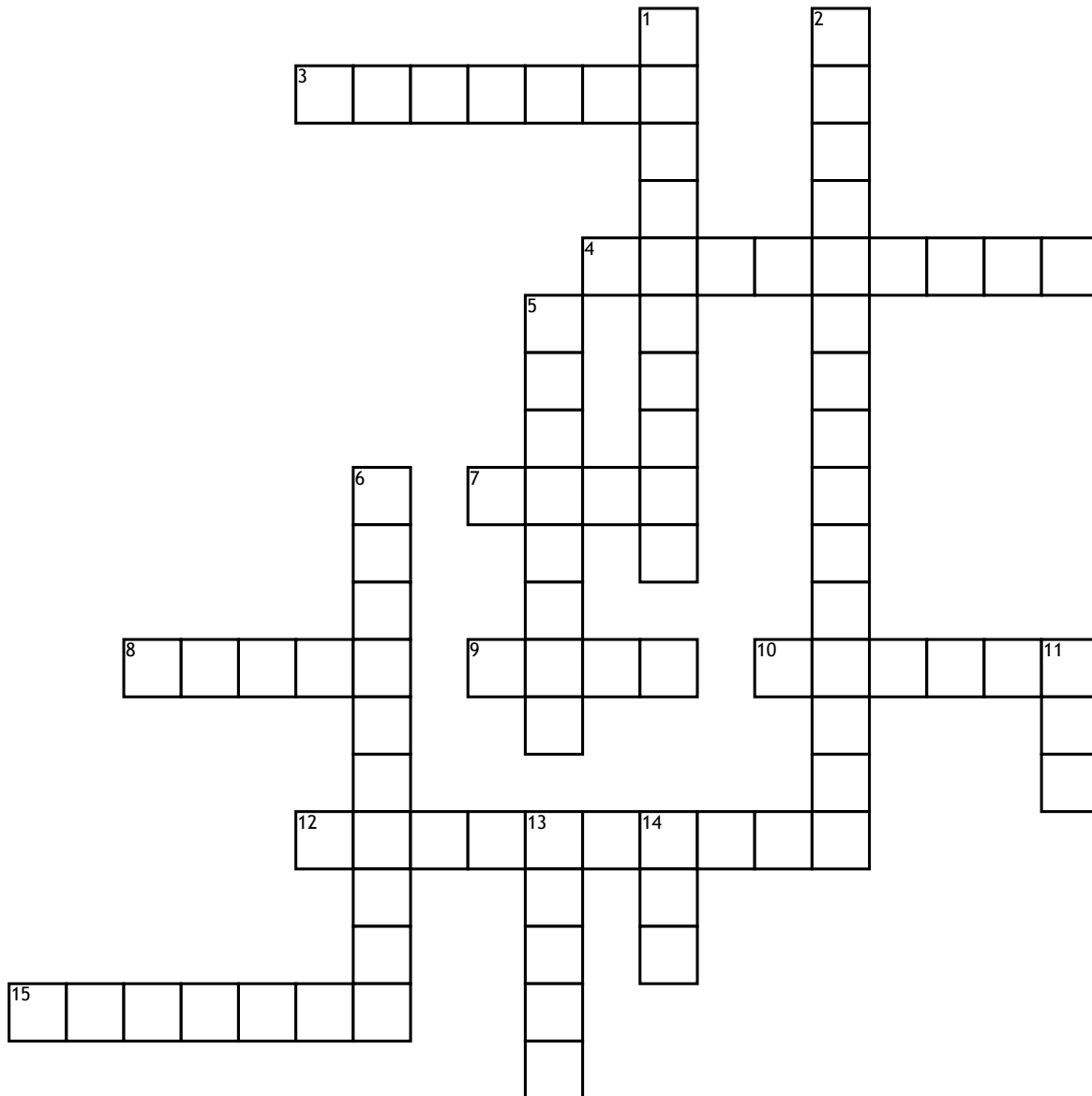


Name: _____ Date: _____

6th and 7 th Grade Air Currents and Behaviors



Across

3. Land, water, and air near the _____ are always warm.

4. A _____ is a wind that blows from the sea to the land due to local temperature and pressure differences.

7. _____ is the movement of air from high pressure to areas of low pressure

8. On sunny days land _____ up faster than water does.

9. Cool air creates _____ pressure

10. The three _____ cells in each hemisphere creates northerly and southerly winds.

12. The _____ are steady winds that flow from west to east between latitudes 30 degrees north and 60 degrees north

15. Because it is so warm in the _____, air pressure is usually low.

Down

1. The _____ are steady winds that flow from east to west between 30 degrees north latitude and 30 degrees latitude

2. The _____ are cold winds that blow from the east to the west near the North Pole and South Pole

5. The _____ effect is when the Earth's rotation causes moving air and water to appear to move to the right in the Northern hemisphere and to the left in the Southern Hemisphere

6. Near the top of the troposphere is a narrow band of high winds called the _____

11. Warm air creates _____ pressure

13. The Sun's energy warms the _____.

14. Near the North Pole and South Pole sunlight strikes the Earth at a _____ angle