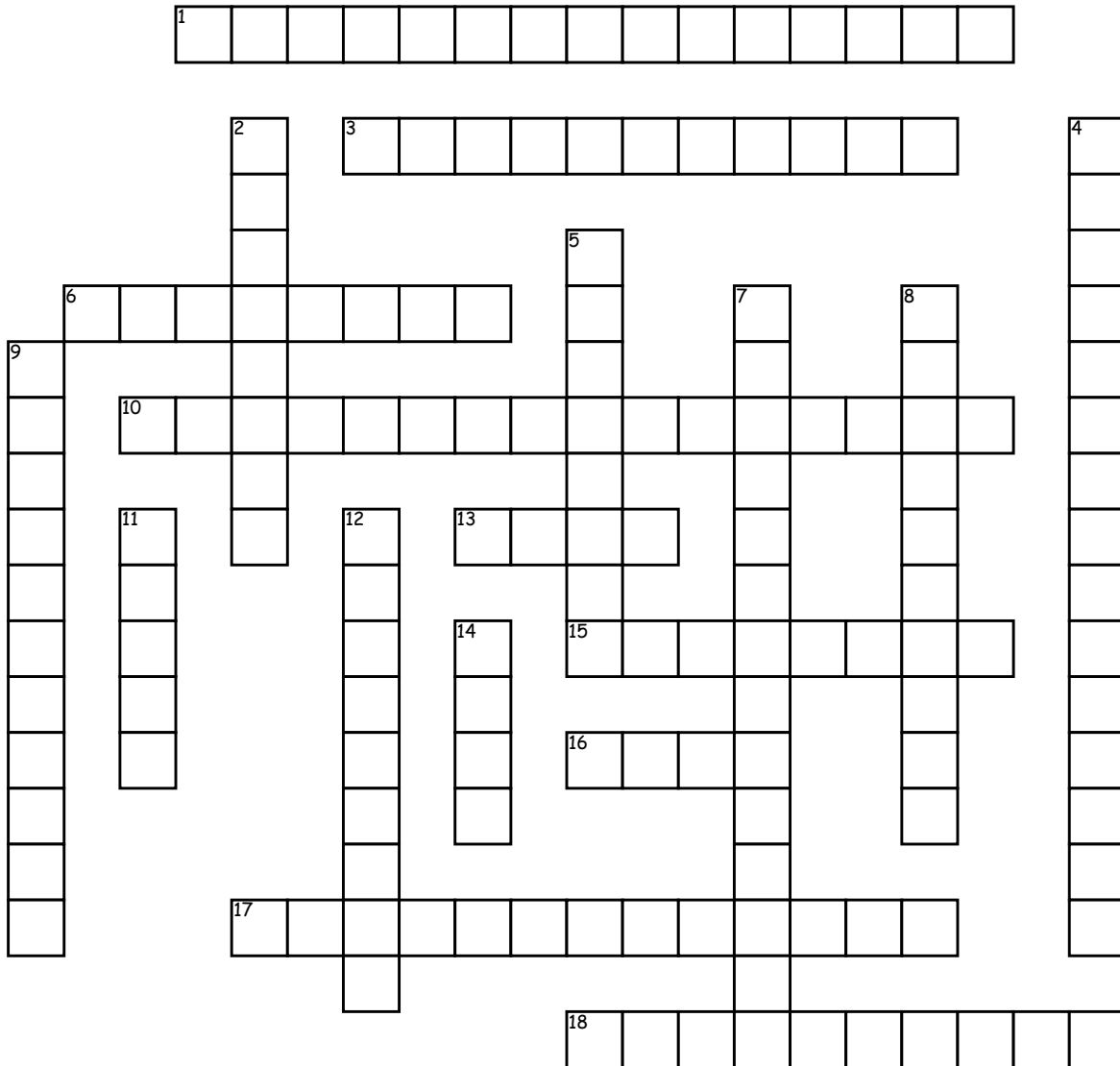


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Oceans Currents



## Across

1. masses of cold water are called
3. the water temperature may drop from 20°C to 5°C
6. air currents flow in a clockwise pattern in the \_\_\_\_\_ hemisphere
10. occur deeper than 200m
13. surface currents are caused by \_\_\_\_\_ action
15. deep ocean currents are caused by temperature and \_\_\_\_\_ of the water.

16. As air moves over the ocean's surface, its energy is transferred by friction to the water molecules, causing the ocean water to \_\_\_\_\_.

17. It is a large amount of ocean water that moves in a particular unchanging direction.

18. surface currents are caused by wind action and \_\_\_\_\_.

## Down

2. air currents flow in a counter-clockwise pattern in the \_\_\_\_\_ hemisphere.
4. extend to an average depth of 200m.

5. can be warm or cold, depending on their origin.

7. caused by Earth's rotation

8. currents where warmer water is rising and colder water is sinking

9. Water \_\_\_\_\_ varies with depth.

11. Moving currents are forced to turn when they meet a \_\_\_\_\_ surface.

12. temperatures are close to the freezing point

14. water is more dense than warm water and tends to sink