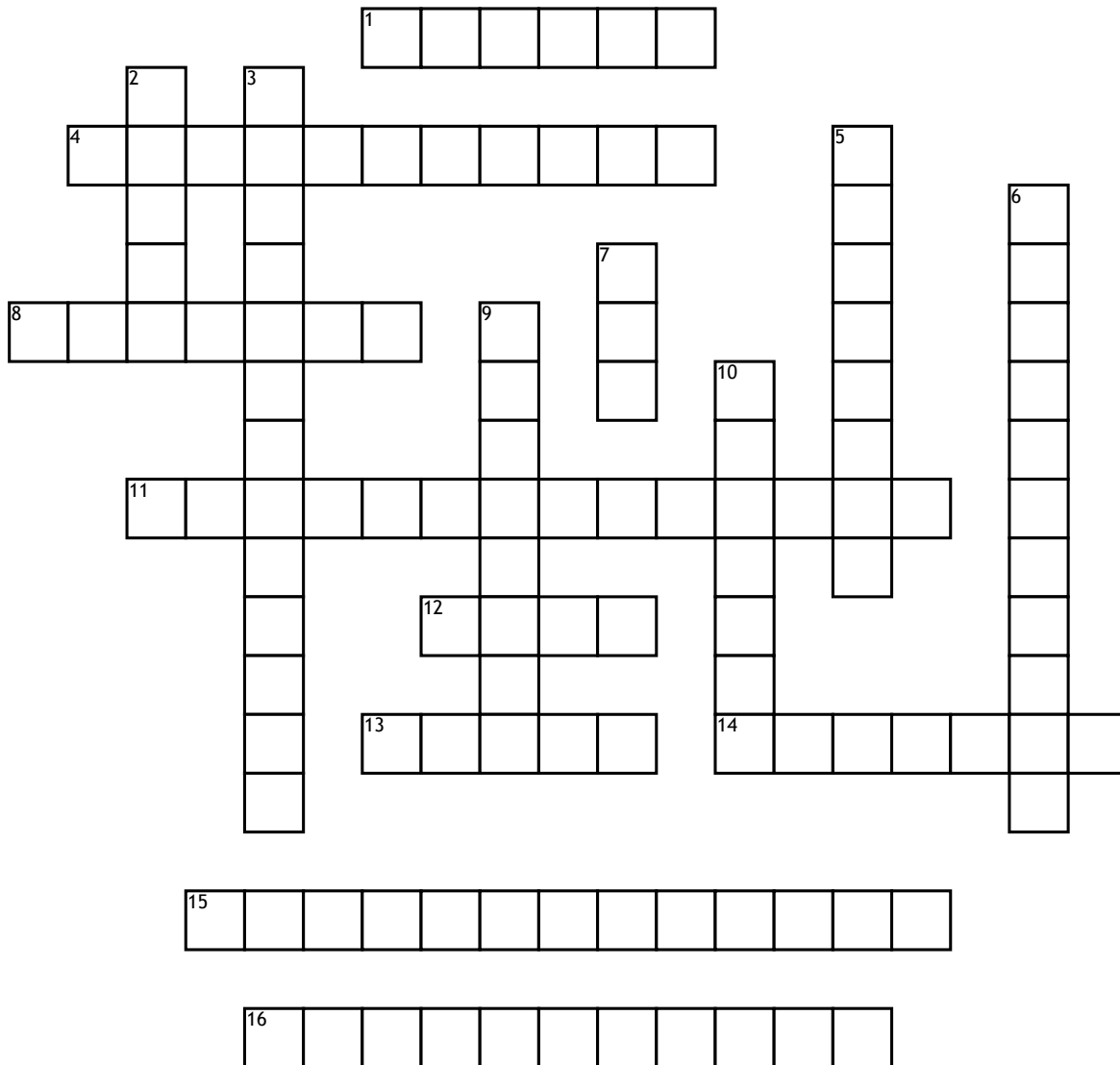


Name: \_\_\_\_\_

# Water



## Across

- 1. Plant vessel that transports food around plant
- 4. Polar substances which dissolve in water are ...
- 8. Diffusion of water through a partially permeable membrane
- 11. At the surface of the liquid the inwardly acting cohesive forces produce a ....
- 12. The SHC of water is ...

13. Ice is less ... than water so therefore floats

14. The polarity of water makes it an excellent ....

15. Bonds between H<sub>2</sub>O molecules

16. Non-polar substances that do not dissolve in water are ...

## Down

2. Plant vessel that carries water and mineral ions.

3. The continuous flow of water from roots to leaves

5. Hydrogen bonds between water molecules and cell wall

6. Water permits the passage of visible light

7. The chemical formula for water

9. Hydrogen bonds between water molecules

10. Water's cohesive and adhesive properties mean its ... making it a useful lubricant