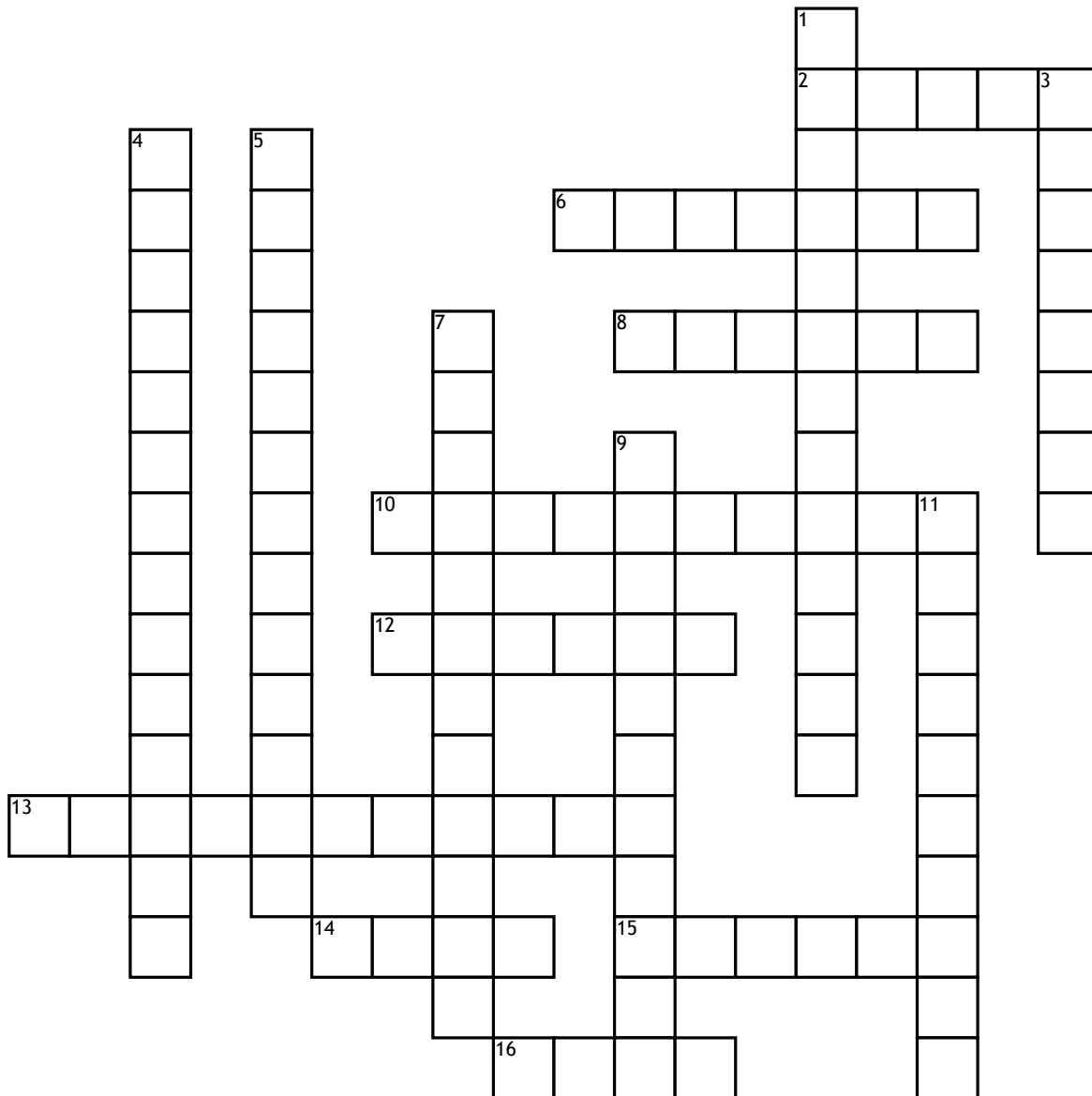


The Sun



Across

2. very tiny, makes up matter

6. mass divided by volume

8. has mass and volume

10. seen as the Northern Lights on Earth

12. takes up space

13. inner layer of sun's atmosphere, visible

14. center part, hottest, where nuclear fusion occurs

15. outer layer of sun's atmosphere, appears white during solar eclipse

16. how much stuff a solid, liquid, or gas has

Down

1. middle layer, holding layer for sun's energy

3. cool areas of gas on sun's surface, black

4. outer layer, releases sun's energy at the surface

5. hydrogen atoms smashing together to create helium atoms

7. middle layer of sun's atmosphere, appears reddish during solar eclipse

9. loops of gas on sun's surface, near sun spots

11. eruption of energy when sun spots and prominences meet up