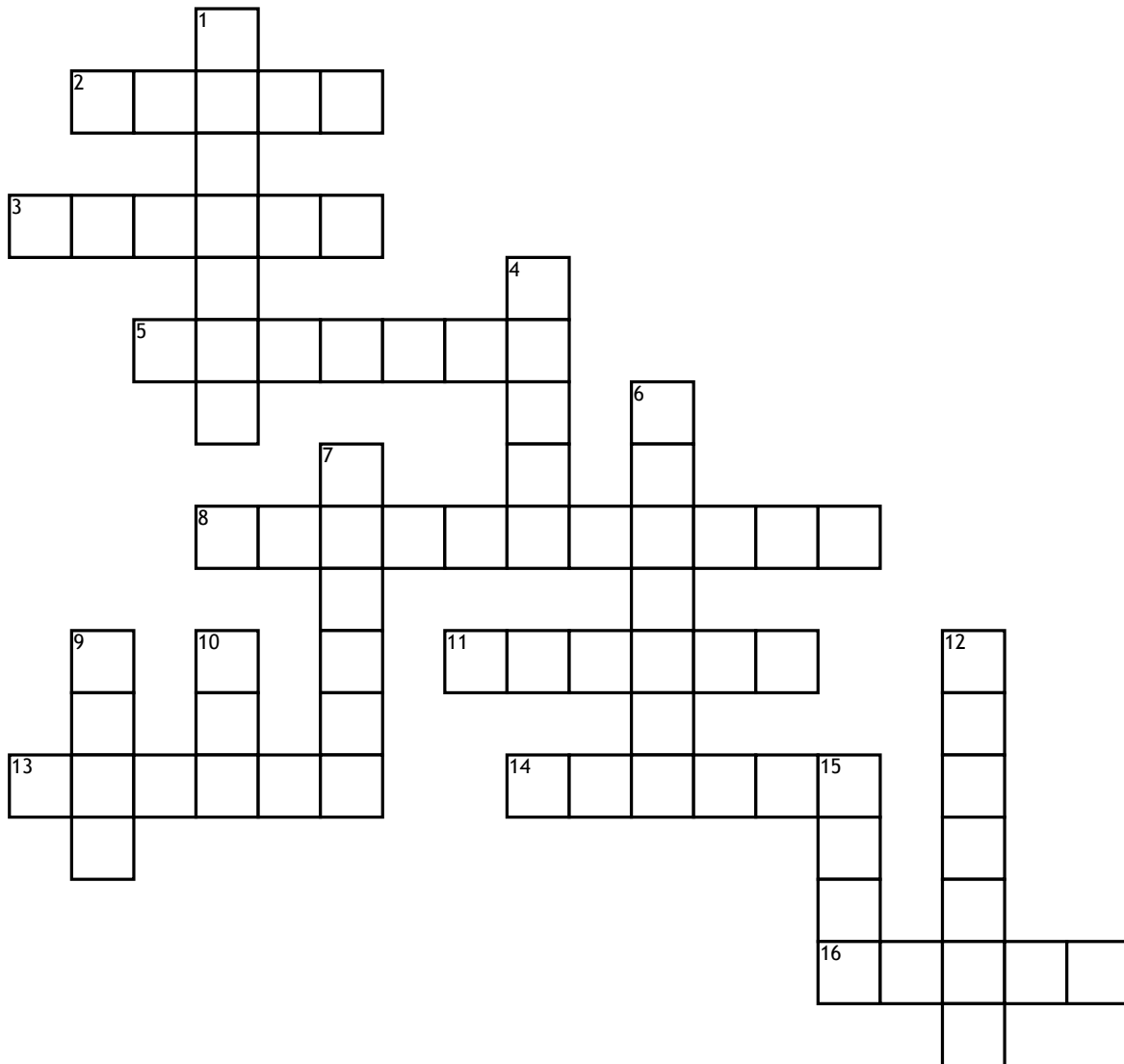


Planetary System



Across

2. Much smaller than major planets

3. _____ planets are gaseous, larger, and farther from Sun

5. Many moons (including Triton)

8. _____ planets are rocky, relatively small, and close to the Sun

11. Spectacular rings

13. Made of H/He gas & hydrogen compounds (H₂O, NH₃, CH₄)

14. Cheaper than other mission but have less time to gather data

16. The only surface liquid water in the solar system

Down

1. 300 times more massive than Earth

4. Even hotter than Mercury: 470 ° C, day and night

6. Made of metal and rock; large iron core

7. Explore surface in detail

9. Giant volcanoes, a huge canyon, polar cap

10. Converts 4 million tons of mass into energy each second

12. Land on surface of another world

15. All large bodies in the solar system orbit in the _____ direction and in nearly the same plane