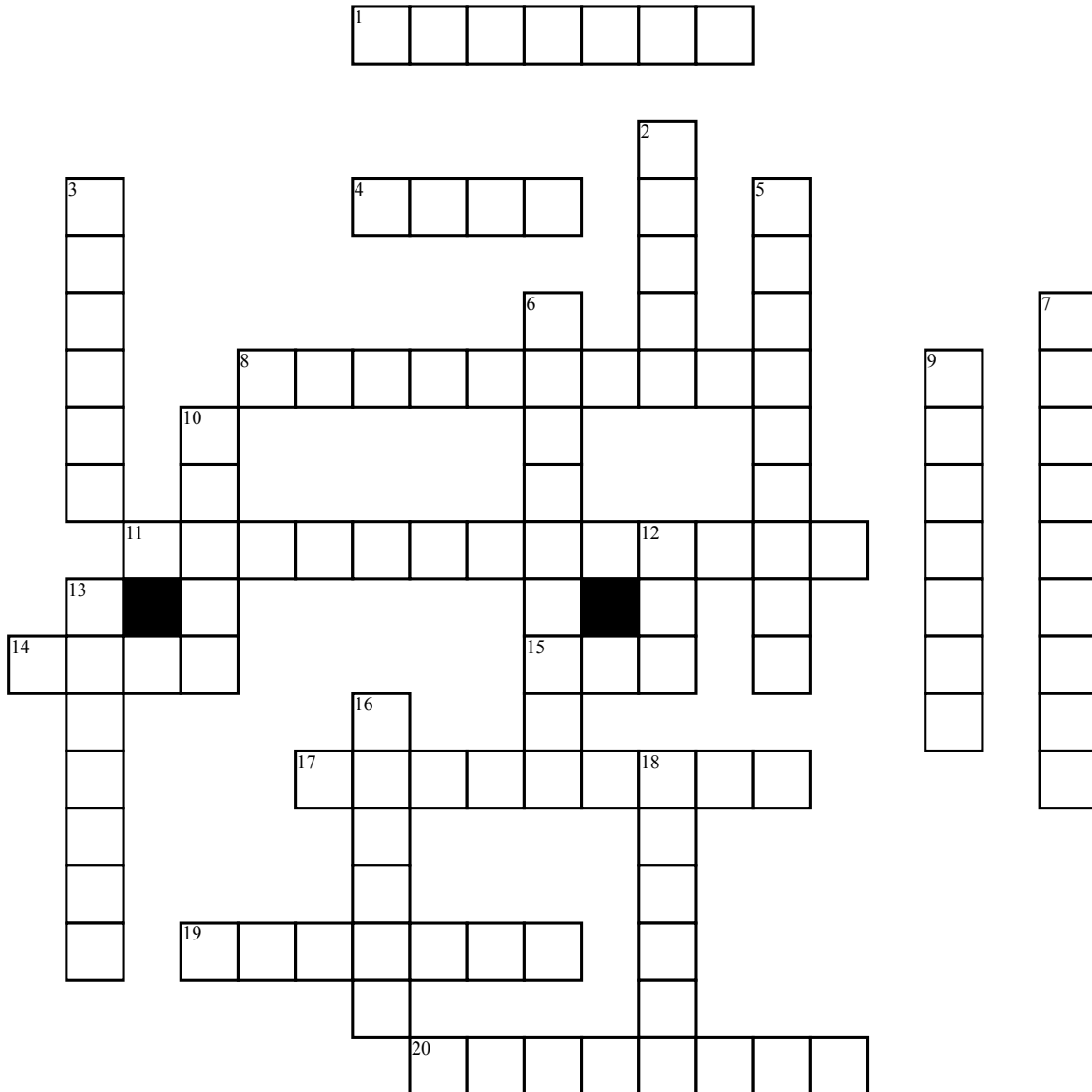


# UNIVERSE



## Across

1. The force that attracts anything with mass
4. How much matter that object is made from
8. Physical objects or particles that emit no detectable radiation of their own
11. A group of galaxies held together by gravity
14. Spread out parallel rays of light
15. An atom or molecule with an electrical charge due to the loss of gains of one or more electrons

17. Someone who works with another; a co-worker or team member

19. The inhabitant of a particular environment

20. What is our galaxy?

## Down

2. One complete circuit around a celestial body

3. Anything with \_\_\_\_\_ will weigh something on Earth

5. A large spiral galaxy located 2.5 million light years away similar to the milky way

6. Orbit some celestial body in space

7. The distance light travels in one year, about 9.48 kilometers; 6 trillion miles

9. Spread out thinly over a great area; not concise or concerned.

10. What we see at night when we look up

12. What is our closest star?

13. The measure how condensed an object is

16. An objective that refers to the cosmos

18. What has billions of stars?