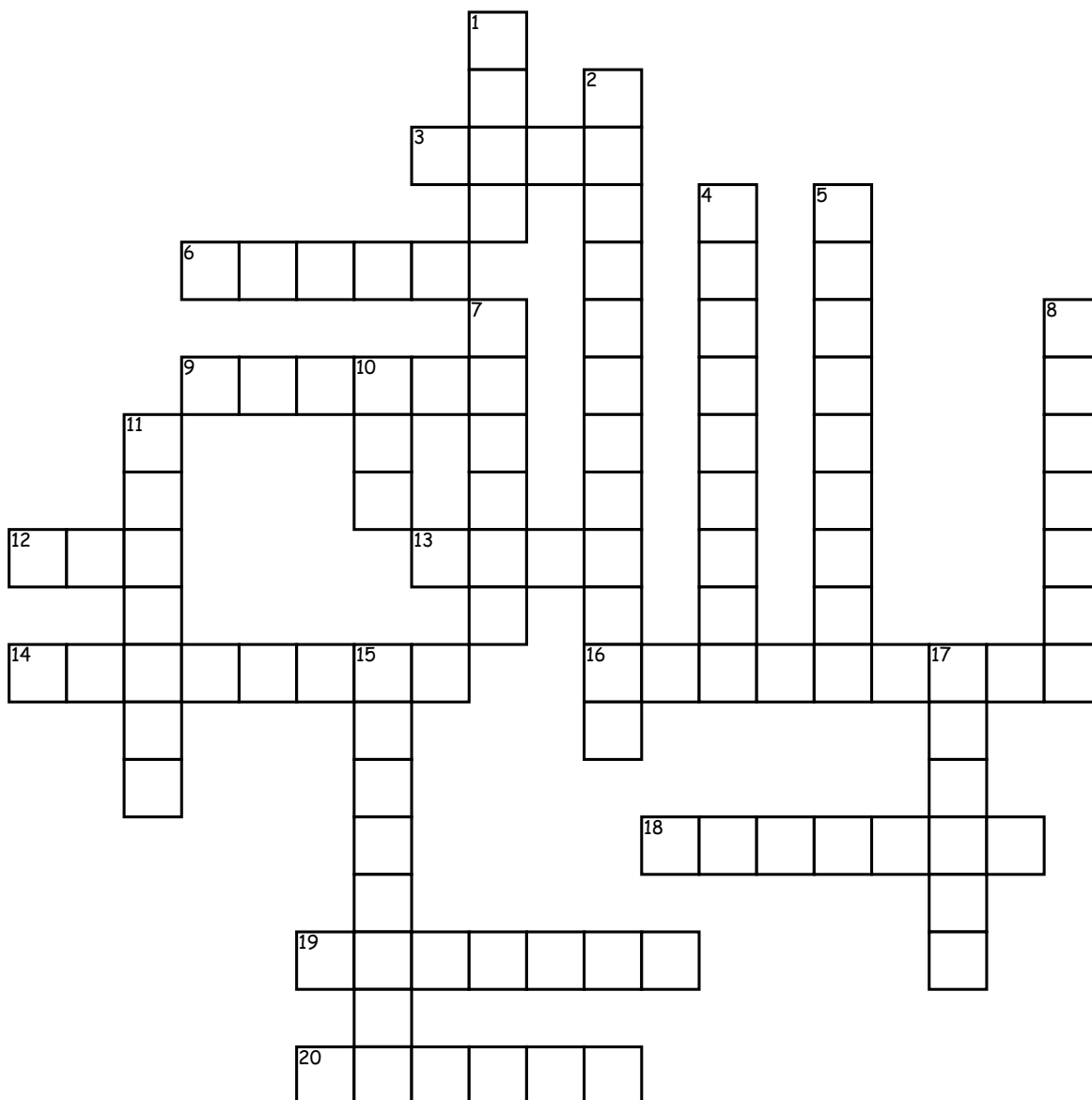


universe



Across

3. what is a number that shows how much an object resists speeding up and slowing down

6. what is the curved path of a celestial object or spacecraft around a star, planet or moon

9. what is a gaseous state of matter in which electrons separate from the atom

12. what is An atom or molecule with an electric charge due to the loss or gain of one or more electrons

13. what is a transparent material that can either focus or spread out parallel rays of light as they pass through it

14. what is all things that exist throughout space and time

16. what is someone who works with another; a co-worker or team member.

18. what is an adjective that means of or relating to stars

19. what is the force that attracts anything with mass, or bulk, toward any other thing with mass

20. what is the universe and everything within it.

Down

1. what is the basic building block from which galaxies are made.

2. what is an area of astronomy that deals with understanding the physical nature of stars and other objects in space

4. what is of or relating to the sky, or outer space

5. what is a light-collecting instrument that makes distant objects appear nearer through the use of lenses or a combination of curved mirrors and lenses

7. what is something which occupies space and has mass

8. what is spread out thinly over a great area; not concise or concentrated.

10. what is the star at the center of Earth's solar system

11. what is the measure how condensed an object is, found by dividing the mass by the volume

15. what is an imagined situation of how events or conditions might play out.

17. what is a massive group of stars bound together by gravity