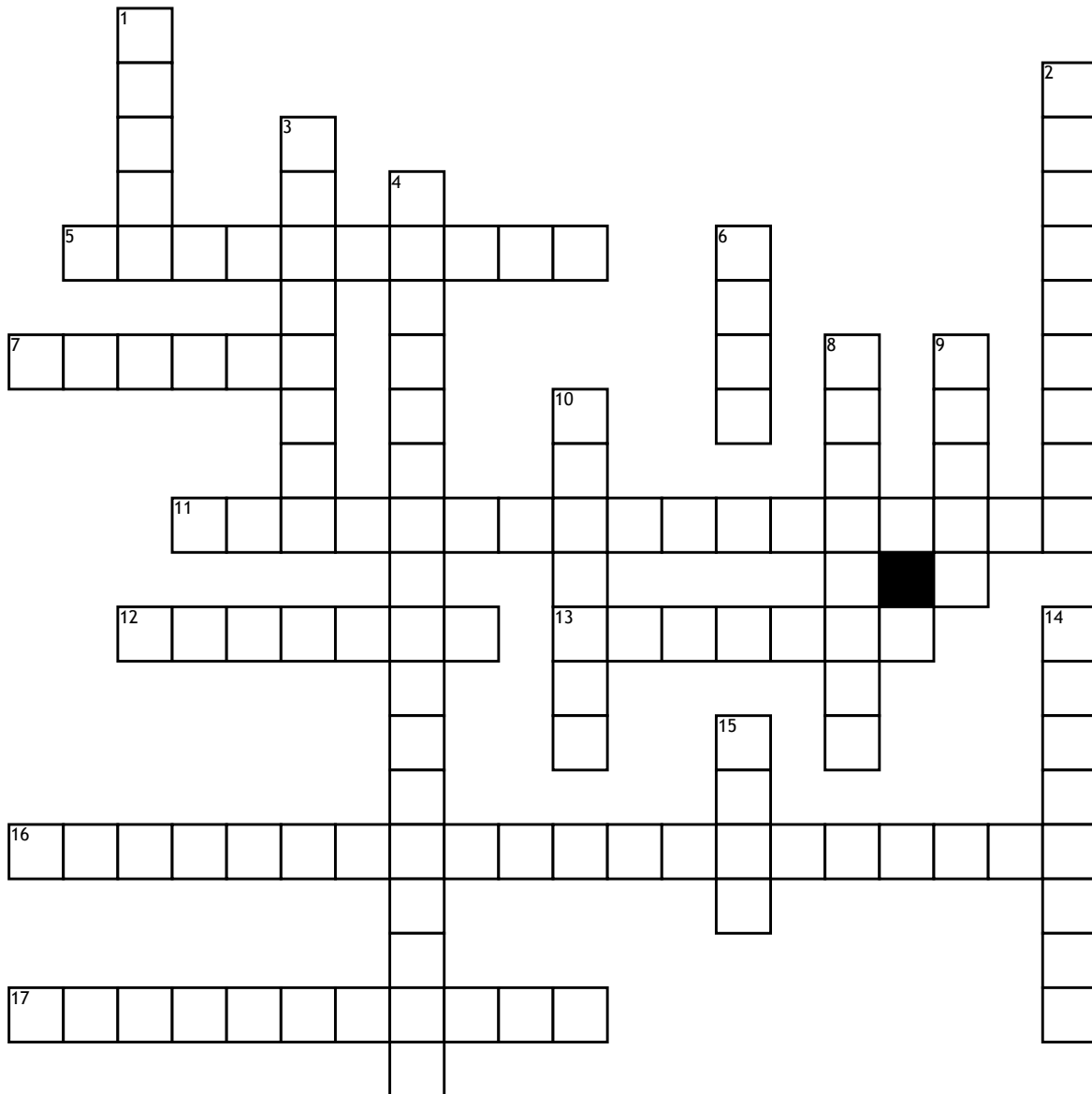


# Vocabulary Crossword Puzzle



**Across**

- 5. movement of one object around another
- 7. force of gravity on an object
- 11. two factors combine to keep an object in orbit
- 12. twice a year when the sun is directly overhead at the equator
- 13. tendency of an object to resist change in motion
- 16. every object in the universe attracts every other object

- 17. an object at rest and an object in motion will stay in motion with constant speed and direction unless acted upon by a force

**Down**

- 1. a push or pull
- 2. the study of the moon, stars, and other objects in space
- 3. days when the sun is farthest north and south of the equator
- 4. depends upon mass and distance

- 6. the amount of matter in an object
- 8. spinnin of the earth on its axis
- 9. the path taken while making a revolution
- 10. a force which attracts all objects towards each other
- 14. a system of organizing time that defines the beginning, length, and divisions of a year
- 15. an imaginary line that passes through earth's center and the north and south poles