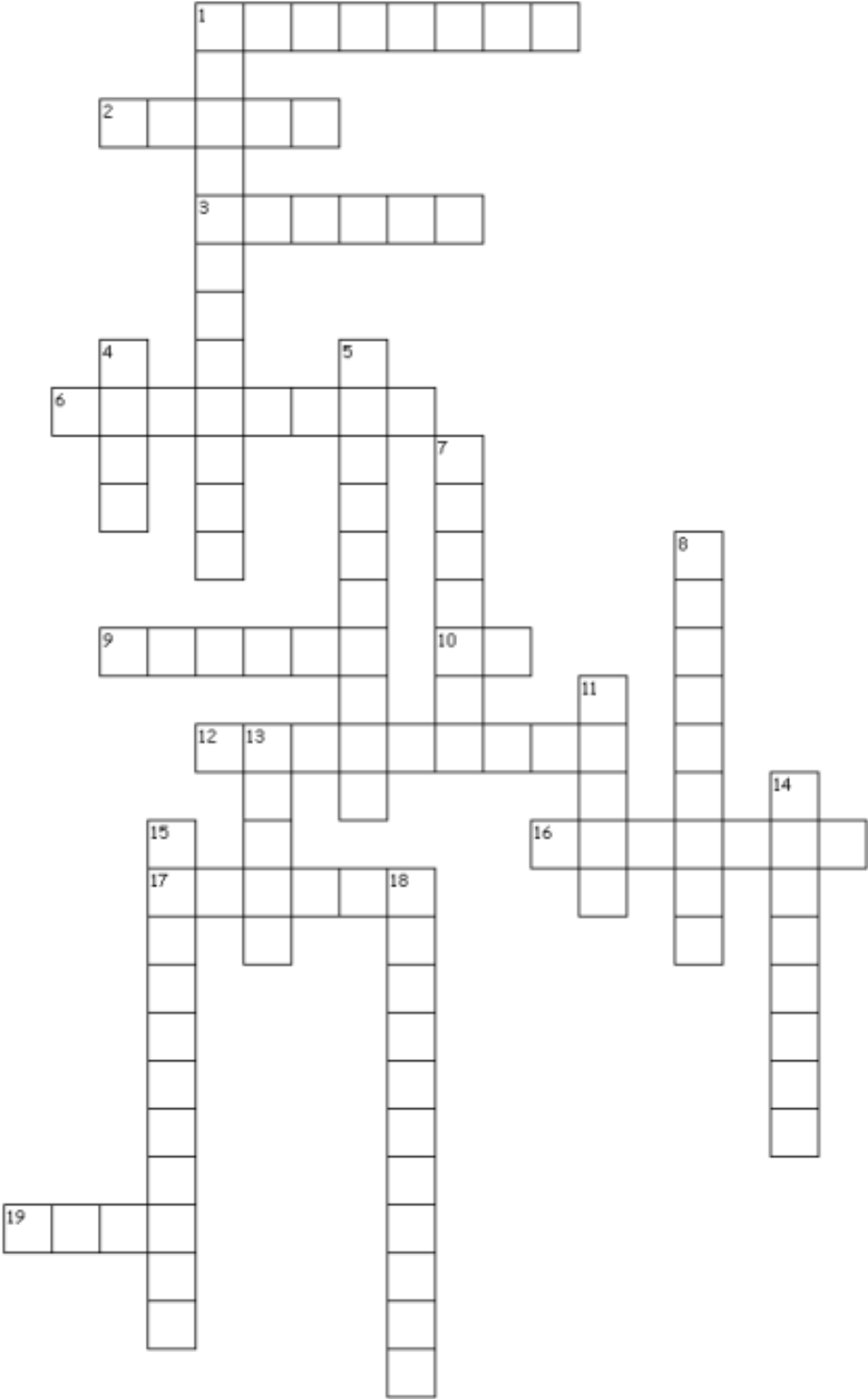


Unit 3 Criss-Cross Puzzle

Fill in the puzzle based on the clues listed below the puzzle.



Across

1. the force that acts on an object sliding across a surface
2. a push or a pull
3. something that is transferred between objects during an interaction
6. a large planet with a deep atmosphere like Jupiter is called a _____
9. a unit of force
10. abbreviation for a unit of measurement equal to the average distance between the Sun and Earth
12. type of energy of a system that depends on position
16. type of energy an object possesses because of its motion
17. the force exerted by a planet on an object on its surface
19. a body that orbits a planet

Down

1. a picture in which arrows represent the pushes or pulls on a object
4. this property of objects is the source of gravity
5. an object speeds up or slows down if the force acting on it are _____
7. the force that keeps a low-density object afloat in a liquid
8. the distance light travels in one year
11. a substance such as a gas or liquid that tends to flow and take the shape of its container
13. the path that an object takes as it moves through space around another object
14. this type of force changes the direction of motion
15. examples of this type of body are Eris, Pluto and Ceres
18. a rocky planet is a _____ planet