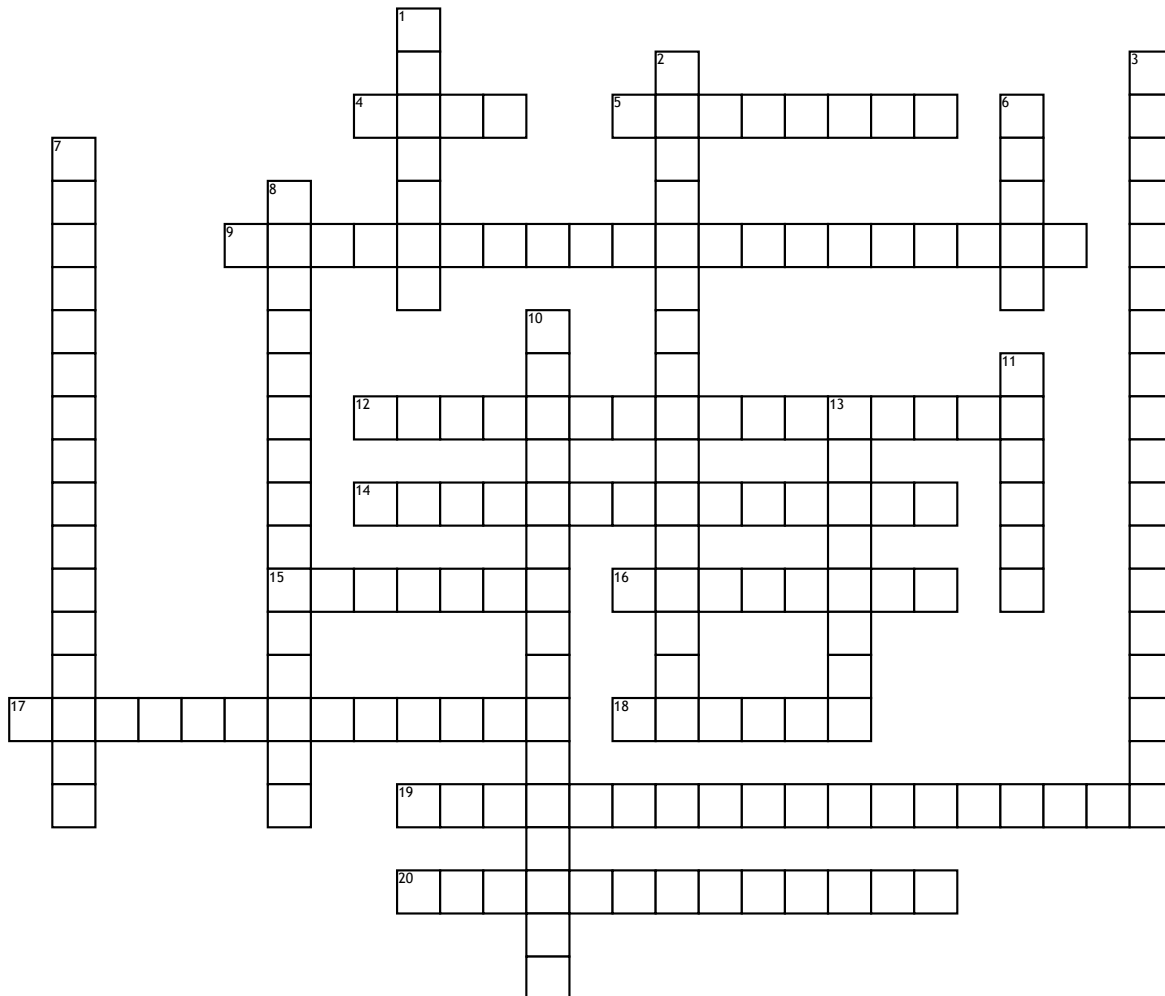


Chapter 12 Vocabulary Crossword Puzzle



Across

4. A measure of the inertia of an object and depends on the amount of matter the object contains.
 5. The overall force acting on an object after all the forces are combined.
 9. associated with charged particles.
 12. A center-direction force that continuously changes the direction of an object to make it move in a circle.
 14. The friction force that acts on objects that are not moving.
 15. The tendency of an object to resist a change in its motion.
 16. The product of an object's mass and it's velocity.

17. Friction acting on an object moving through the air.

18. The SI unit for force.

19. A powerful force of attraction that acts only on the neutrons and protons in the nucleus, holding them together.

20. The force that opposes the motion of an object through a fluid.

Down

1. A force that acts on between two masses.

2. An attractive force that acts only over a short range.

3. The attractive force that acts between any two masses.

6. A push or a pull that acts on an object.

7. The motion of a falling object after it is given an initial forward velocity.

8. A force that opposes the direction of motion of an object as it slides over a surface.

10. The constant velocity of a falling object when the force of air resistance equals the force of gravity.

11. The force of gravity acting on an object.

13. A force that opposes the motion of objects that touch as they move past each other.