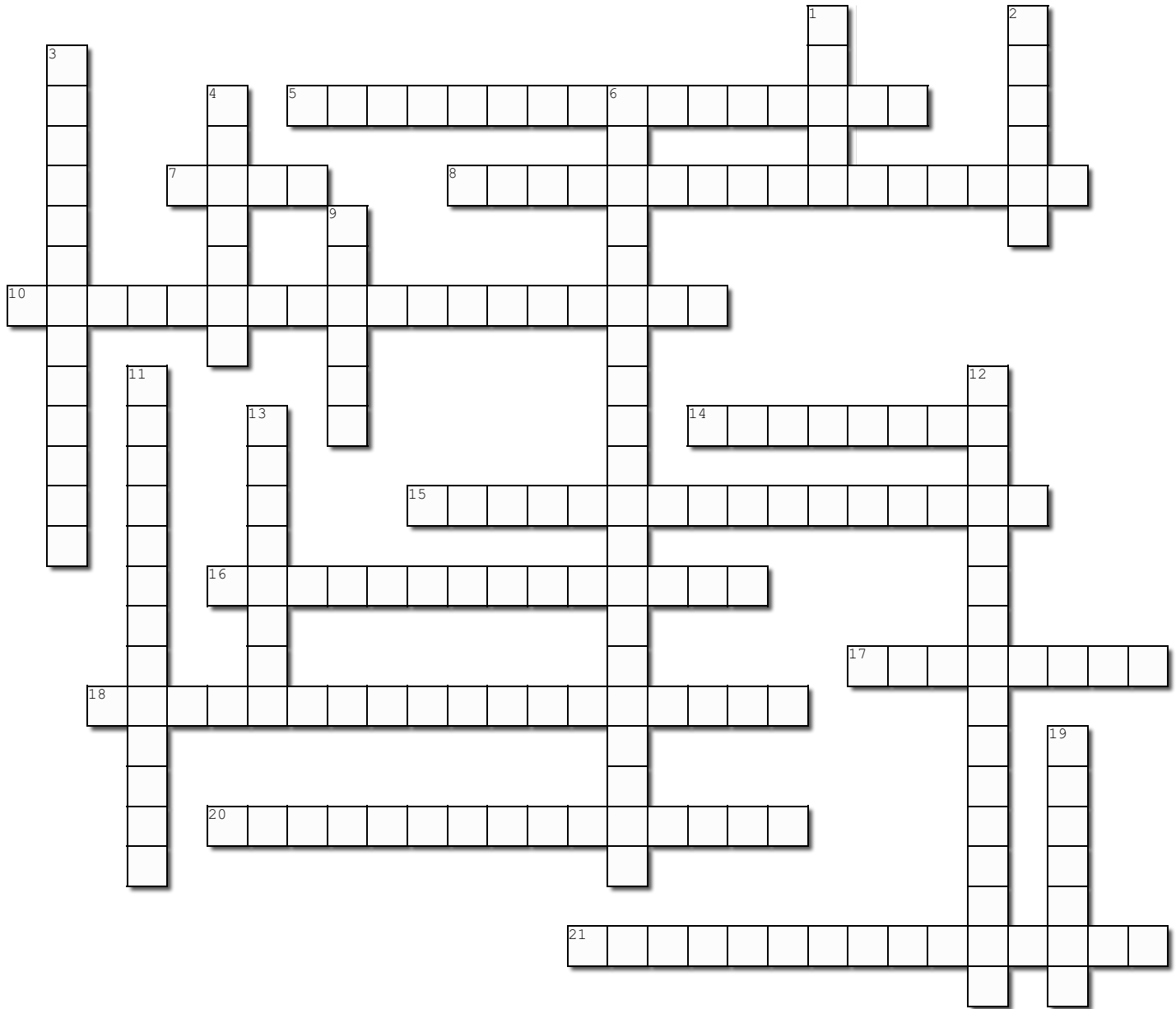


Name: _____

Chapter 12 Vocabulary Introduction

Complete the crossword puzzle below using vocabulary from Chapter 12 in your online textbook.



Created using the Crossword Maker on TheTeachersCorner.net

- centripetal force
- electromagnetic force
- weight
- static friction
- gravitational force
- friction
- weak nuclear force
- strong nuclear force
- force
- projectile motion
- mass
- air resistance
- terminal velocity
- momentum
- fluid friction
- rolling friction
- newton
- inertia
- sliding friction
- gravity
- net force

Across

5. a powerful attractive force that acts over a short range
7. a measure of the inertia of an object, which depends on the amount of matter the object contains
8. the curved path of an object in free fall after it is given an initial forward velocity
10. an attractive force that acts between any two objects
14. the overall force acting on an object after all the forces are combined
15. the constant velocity of a falling object when the force of air resistance equal the force of gravity
16. friction force that acts on objects that are not moving
17. the product of an object's mass and its velocity
18. the powerful attractive force that binds proton and neutrons together in the nucleus
20. force that opposes the direction of motion of an object as it slides over a surface
21. the friction force that acts on rolling objects

Down

1. a push or a pull that acts on an object
2. the SI unit for force; causes a 1 kg mass to accelerate at a rate of 1m/s^2
3. a friction force that opposes the motion of an object through a fluid
4. the attraction between any two objects because of their masses
6. a force associated with charged particles, which has two aspects, electric force and magnetic force
9. the force of gravity acting on an object
11. fluid friction acting on an object moving through the air
12. a force that continuously changes the direction of an object to make it move in a circle
13. force that opposes the motion of objects that touch as they move past each other
19. the tendency of an object to resist a change in its motion