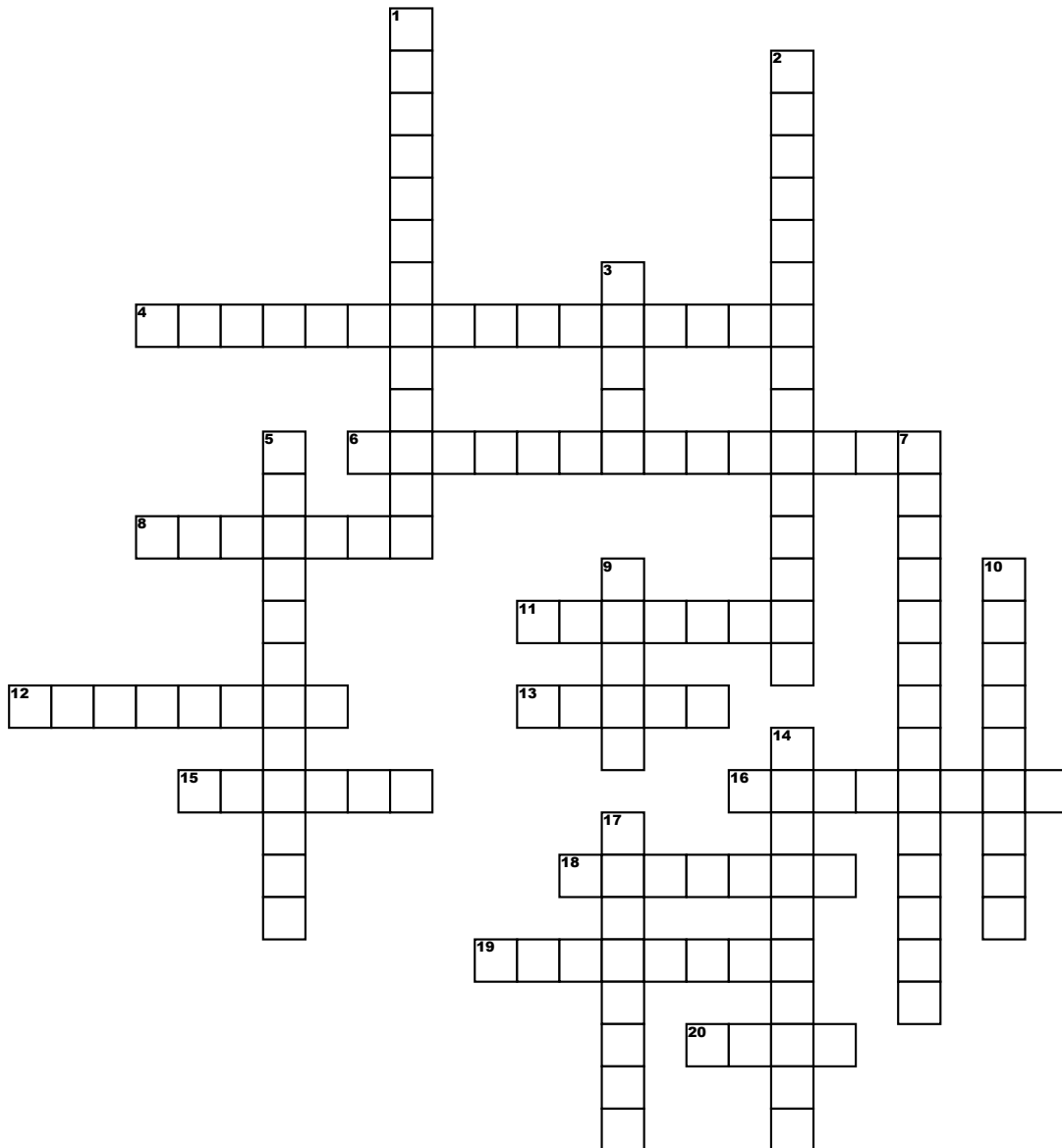


Force and motion vocabulary Crossword



Across

- 4. forces that do not cancel each other out when acting together on a single object action
- 6. What is the forces that cancel each other out when acting together on a single object
- 8. where do the lever rests
- 11. The tendency of an object to resist a change in its state of motion
- 12. What is the force acting per unit area
- 13. How fast an object's position is changing with time at any moment

- 15. The force one object applies to a second as in Newton's third law of motion
- 16. What is the speed and direction of a moving object
- 18. forces of attraction between bodies that have mass eg. people to earth, the moon to the earth, the earth to the sun
- 19. the force with which an object responds to an action as in Newton's third law of motion

Down

- 1. What is the produces of an output force to lift the load

- 2. an object will remain still or at a constant speed unless acted on by an outside unbalancing force
- 3. What is a push or pull that acts on an object
- 5. What is a change in velocity
- 7. Devices with few moving parts that make work easier to do
- 9. consists of a rigid bar that rests on a pivot point
- 10. the part of the lever you apply an input effort force
- 14. energy which causes a rise in temperature
- 17. Opposes the motion of one object moving past another