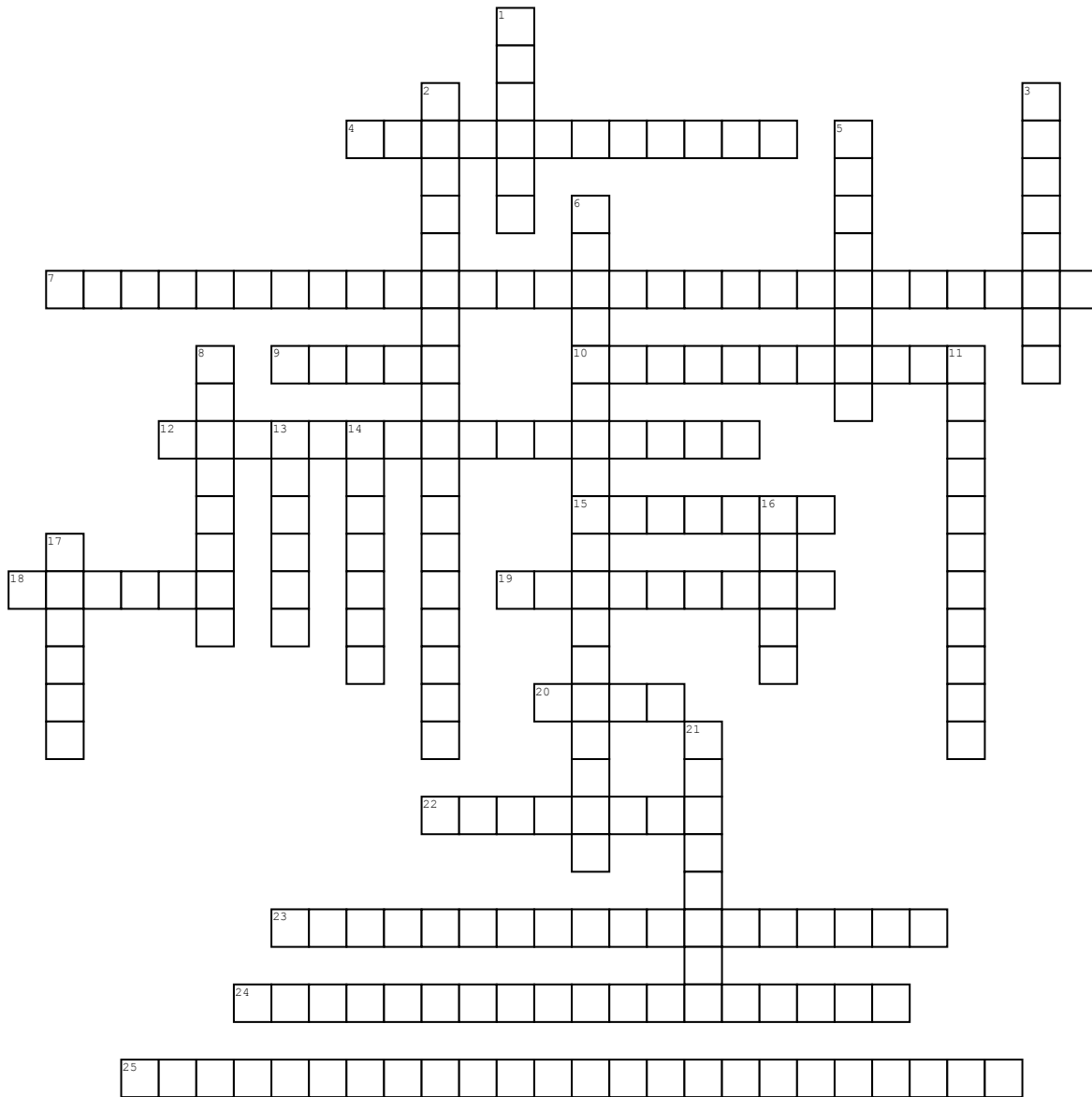


Quarter 2 vocab



Across

- 4. rate of change of velocity per unit of time
- 7. force per unit mass exerted
- 9. causes change in motion
- 10. support force exerted upon an object that is in contact with another
- 12. collision with momentum and energy that are conserved
- 15. force is exerted
- 18. quantity of matter contained
- 19. maintain at a constant overall total
- 20. body of matter no shape

- 22. sum of all forces on an object
 - 23. length of vector
 - 24. part of kinetic energy is changed during a collision
 - 25. vector, magnitude and direction
- Down**
- 1. magnitude not direction
 - 2. for every action there is an equal and opposite reaction
 - 3. movin body
 - 5. resistant on a surface while trying to move
 - 6. mathematical expression

- 8. speed of something in a given direction
- 11. force acting on objecy
- 13. connected things
- 14. resistance to a state of motion
- 16. rate at which an object covers distance
- 17. direction and magnitude
- 21. movement under the force of gravity