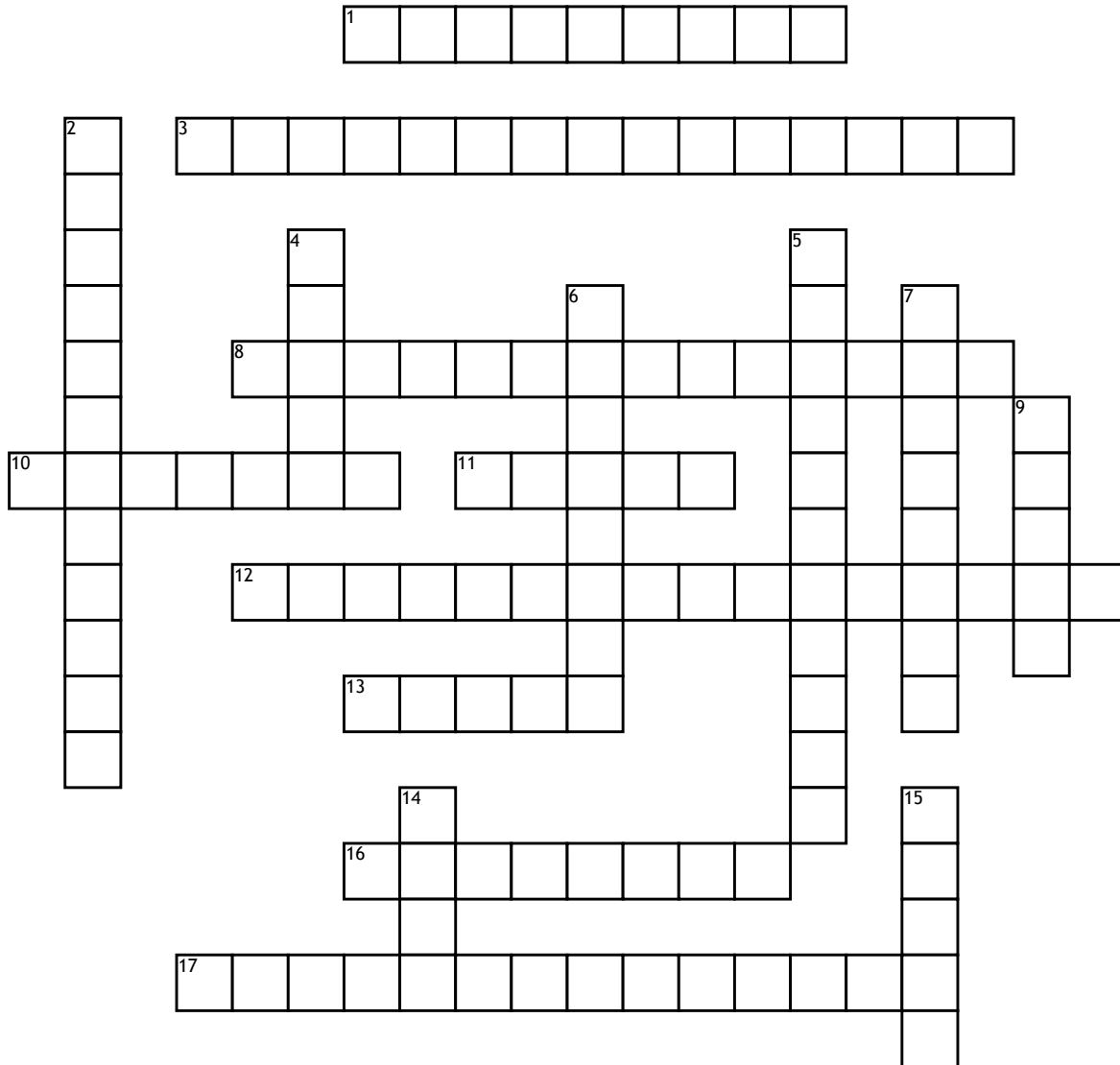


Physics



Across

- 1. Greatness or extent of size.
- 3. A push or pull that causes an object to move
- 8. Forces opposite in direction and equal in magnitude.
- 10. The force of attraction between objects. On Earth it pulls objects downward toward Earth's center.
- 11. A push or pull.
- 12. Forces that do not produce a net force of zero.

- 13. Round shafts that connect the opposing wheels of a car.
 - 16. An object's speed and direction.
 - 17. An object or location with which the position of a second object is compared over time to determine if the second object is moving.
- Down**
- 2. A change over time in the speed, the direction, or the speed and direction, of motion.
 - 4. To move without being continuously pushed or pulled.

- 5. The force that comes from the surface on which an object is located.
- 6. Structures that help parts move freely.
- 7. The overall force actin on an object, when all individual forces acting on the object are added together.
- 9. A description of how fast an object is moving
- 14. To change direction or course.
- 15. cm, m, km are examples of?