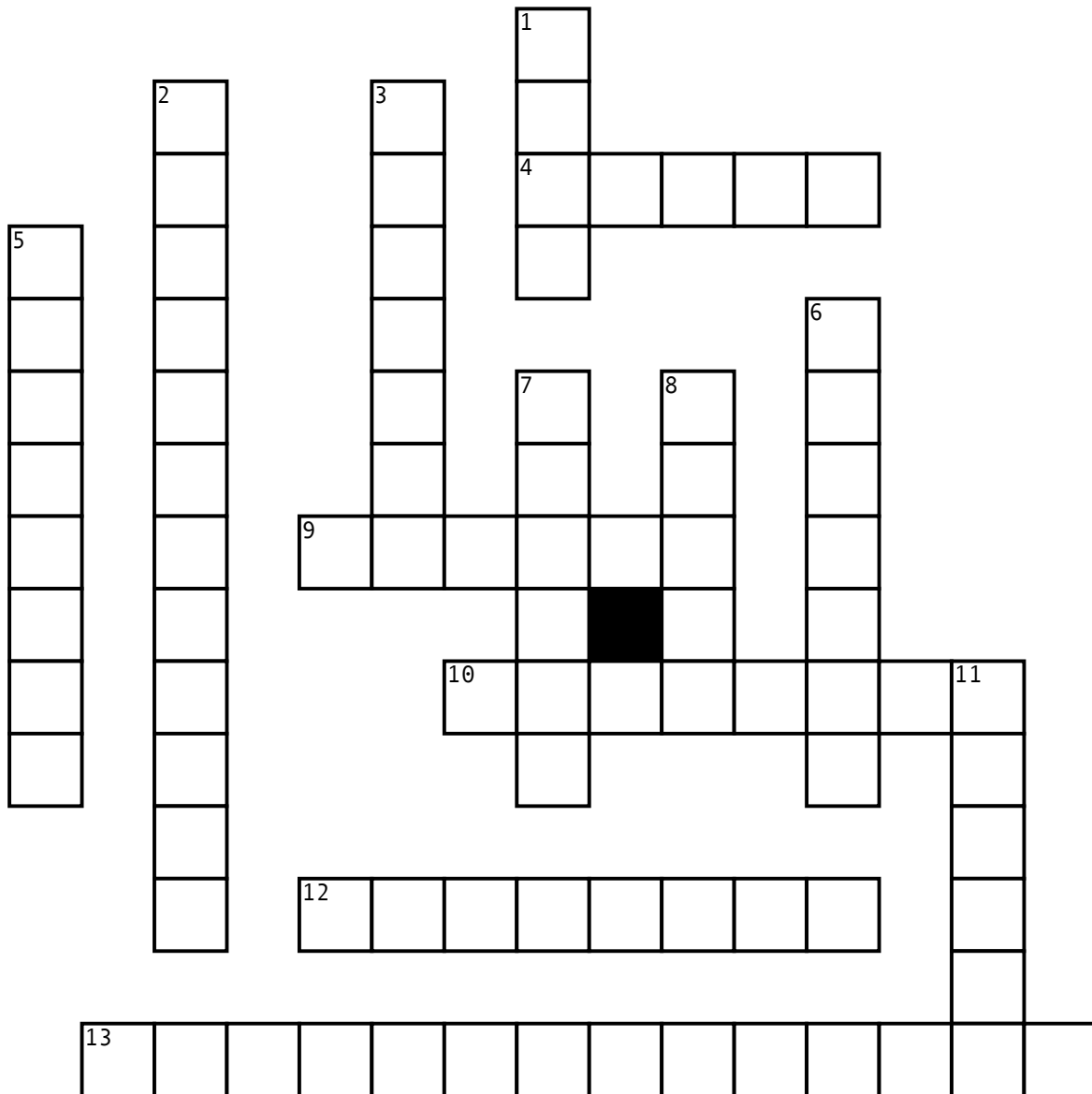


Motion and Position



Across

- 4. The distance an object travels per unit of time
- 9. Anything that has mass and takes up space
- 10. The product of an object mass and velocity
- 12. Speed in a given direction

- 13. An object that is used to determine if another object is in motion

Down

- 1. The amount of matter inside of an object
- 2. The rate at which velocity changes, which can be speed up, slow down or direction
- 3. The tendency of an object to resist change

- 5. An object rubbing against another object
- 6. The force that attracts a body toward the center of the Earth
- 7. Is a change in position of an object over time
- 8. A push or pull on an object
- 11. An object overall change in position