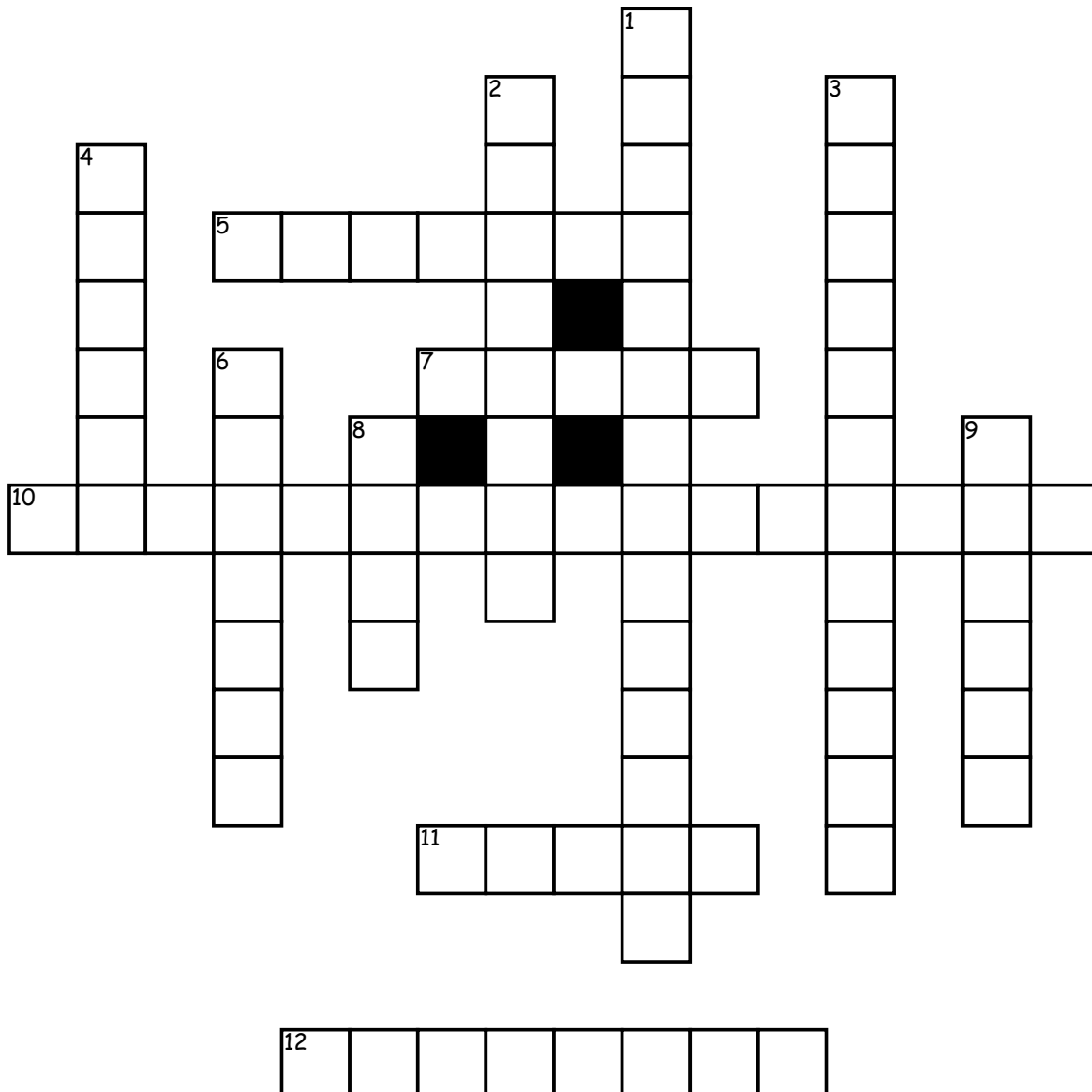


Force and Motion



Across

5. Property of an object to resist change in motion

7. Any push or pull that could cause a change in motion

10. I condition with opposite forces acting on an object aren't equal

11. Distance and object travels during amount of time

12. Speed and direction in which an object is moving

Down

1. I condition with opposite forces acting on an object are equal

2. The sum of all the forces in a system

3. Rate at which an object velocities is changing over time

4. a change in position of an object over time

6. For some attraction between all objects with mass

8. the property of matter that measures its resistance to acceleration

9. Force of gravity on an object