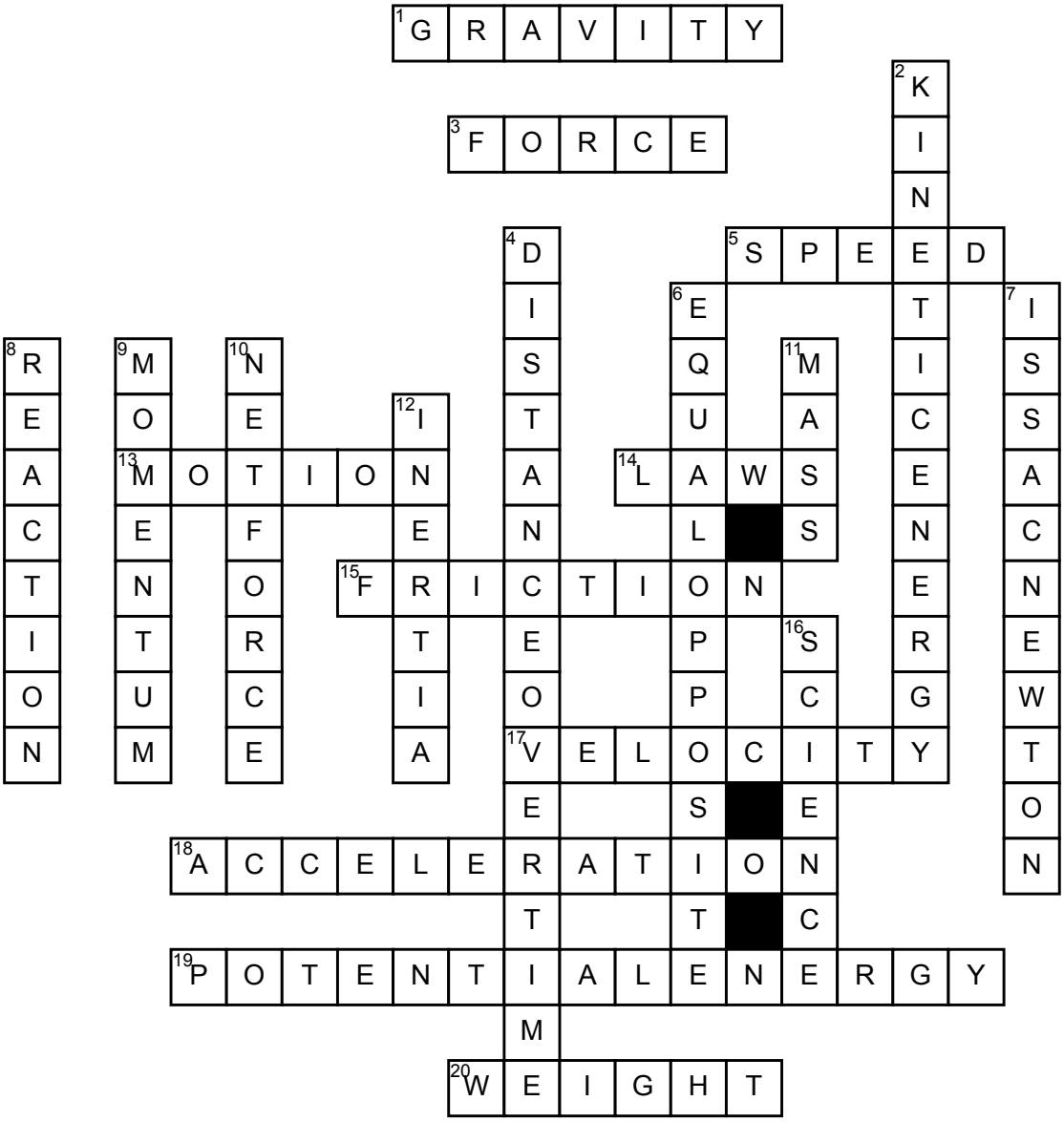
Name: _____

Issac Newton's Three Laws of Motion



Across

1. A force that pulls down on an object.

3. A push or pull exerted on an object.

5. The distance an object travels per unit of time

13. Newton's laws described the behavior of this

14. Sir Isaac Newton created these to describe motion

15. The force that one surface exerts on another when the two surfaces rub together.

17. Speed+Direction

18. The rate at which velocity changes.

19. Stored energy that results from the position or shape of an object.

20. How the force of gravity acts on an object

Down

2. Energy that an object has due to its motion.

4. The equation for speed.

6. For every action, there is a(n) _____?____and_____ _____.

7. A great scientist who developed three main laws of motion.

8. For every action, there is a(n) _____and_____ ___?___

9. The product of an object's mass and velocity.

10. The overall force on an object when all the individual forces are added together.

11. The amount of inertia depends on this; the amount of atoms in an object

12. The tendency of an object to resist any change in motion.

16. The study of cells, electricity, physics, chemistry, etc. as a whole.