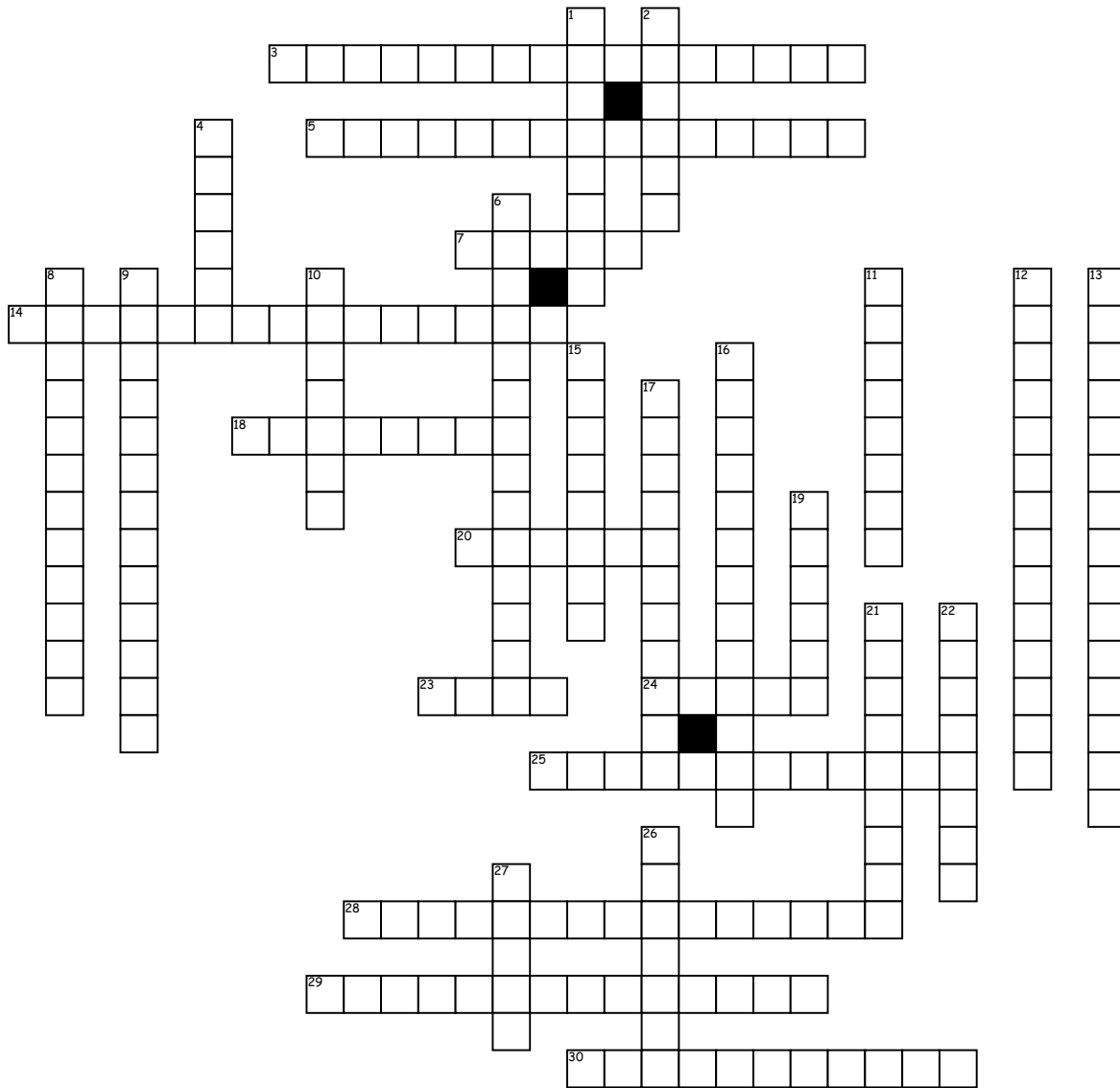


Name: _____

Force and Motion



Across

- 3. two opposite forces working against each other creates motion with the stronger force
- 5. forces that pull objects towards their center/self
- 7. how fast an object is moving needs distance and time
- 14. when two surfaces come in contact and one surface/object rolls over the other
- 18. when 2 surfaces make contact
- 20. an object changes positions over time
- 23. the amount of matter in an object
- 24. object that has the force
- 25. a change in velocity

28. force doesn't touch the object

29. two opposite forces working against each other that are equal in size

30. the discoverer of gravity

Down

- 1. object that gets the force
- 2. what happens because of a push/pull
- 4. the measuring unit for force
- 6. two forces working opposite/against each other
- 8. the agent or receiver touches the object
- 9. when two surface come in contact and surface is liquid or air
- 10. the force that attracts things because of mass

11. the total force after two forces are working

12. stay still friction

13. when two surfaces come in contact and one object/surface slides across the other

15. how fast an object is moving plus the direction it's going

16. a tool used to show acceleration

17. a tool used to measure force

19. the measure of gravity pulling on mass

21. size (or something)

22. the power of a moving object

26. diagram that shows force using arrows

27. a push or pull