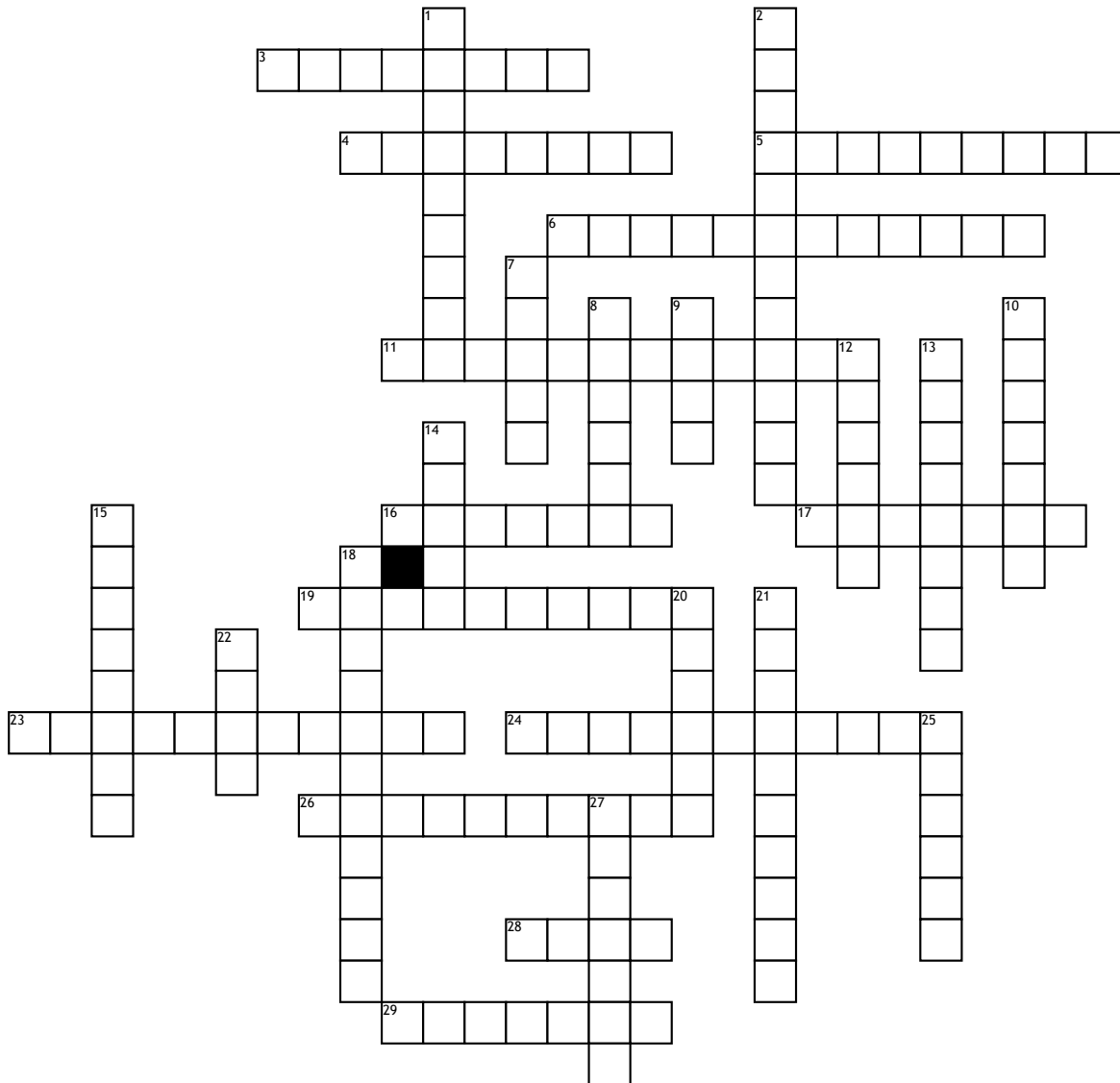


Name: _____

Date: _____

Science-Forces



Across

3. These forces give no overall force
 4. The metric unit for mass
 5. something that will reduce friction.
 6. Slowing down
 11. Speeding Up
 16. A non-contact force that attracts objects to each other.
 17. A force that actually touches the object
 19. Uses a cushion of air to reduce friction.
 23. Happens when there is no 'grip'
 24. Using a table to mark a scale correctly

26. A force that does not touch.

28. Force provided by a wing

29. A material that will bounce back to shape after the force is stopped.

Down

1. A material that will be permanently distorted.

2. Useful in reducing friction on wheels and axles.

7. Forces are balance when a bike is going at constant _____

8. the pulling force of gravity.

9. The amount of matter in an object.

10. Measures mass

12. The unit for force, symbol N

13. Friction provides this 'grip' to allow movement.

14. It can push, pull or twist.

15. A force caused by one surface sliding over another

18. A method of smoothing a surface to reduce friction.

20. Force provided by a jet engine or propeller

21. These forces will cause acceleration, deceleration, change in direction or shape.

22. Generated by friction

25. Gave us three laws of motion

27. The shape of a wing