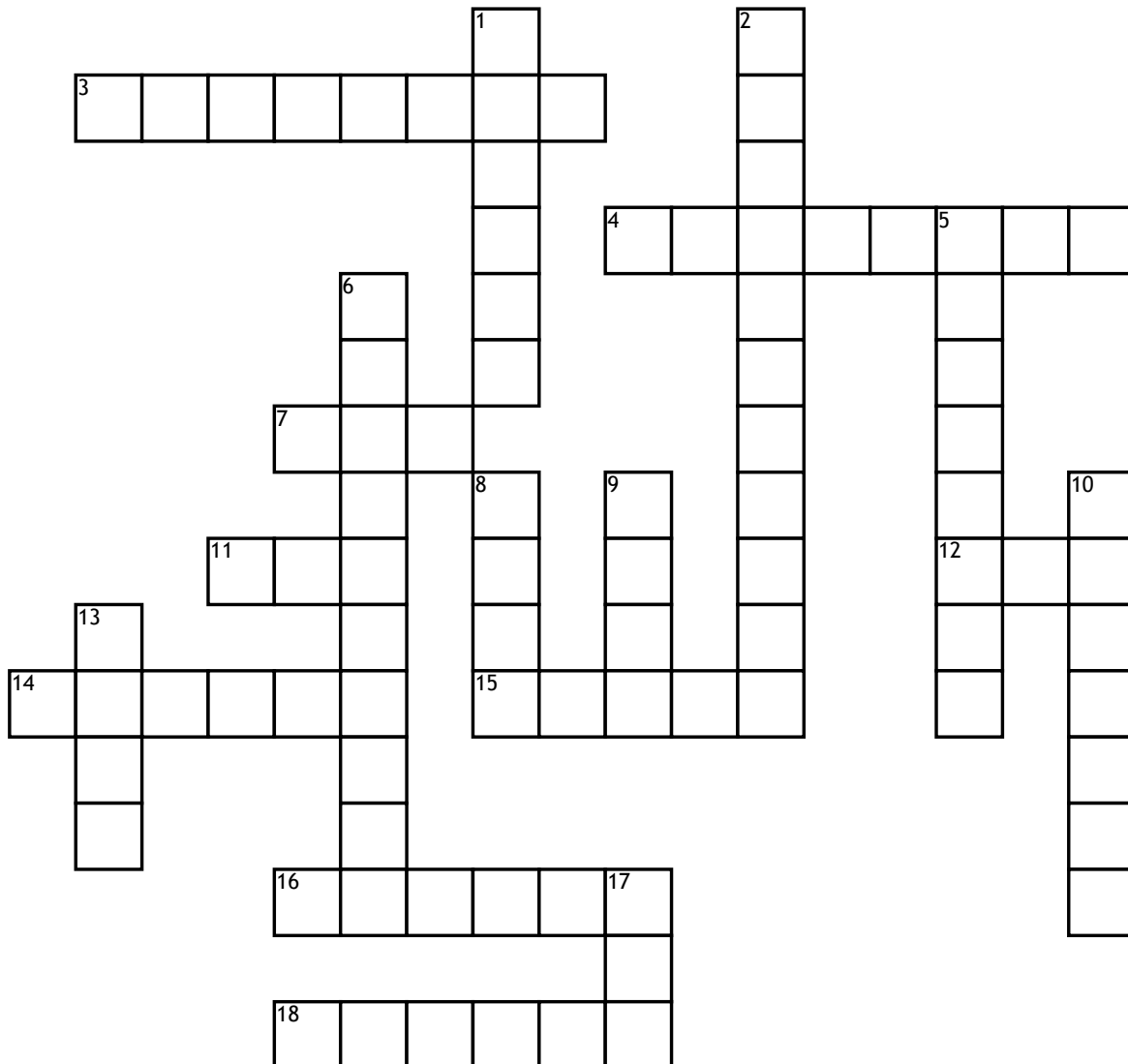


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Forces



## Across

3. If the forces on each side of an object are equal and opposite we say the forces are?
4. Coal, oil and Gas have this kind of energy?
7. Stopping distance of a car would be increased on
11. This reduces Friction on the chains of a bike
12. This type of resistance will slow a parachute down.
14. This material has high frictional forces

15. Surface area and this increases the air resistance of a parachute

16. What is different about an object on each planet due to the gravitational pull of the planet.

18. A balance to measure Force and Weight

## Down

1. Unit of force?

2. The speed of a car can be increased if it is more?

5. If Forces on an object are balanced the speed of the car will be ?

6. If forces on a plane are unbalanced it will?

8. The what of an object is same on every planet and in deep space

9. Shape that has little friction as it moves through water?

10. Example of a force?

13. Word to describe a force?

17. We multiply the mass of a man in kilograms by this to get his weight on Earth.