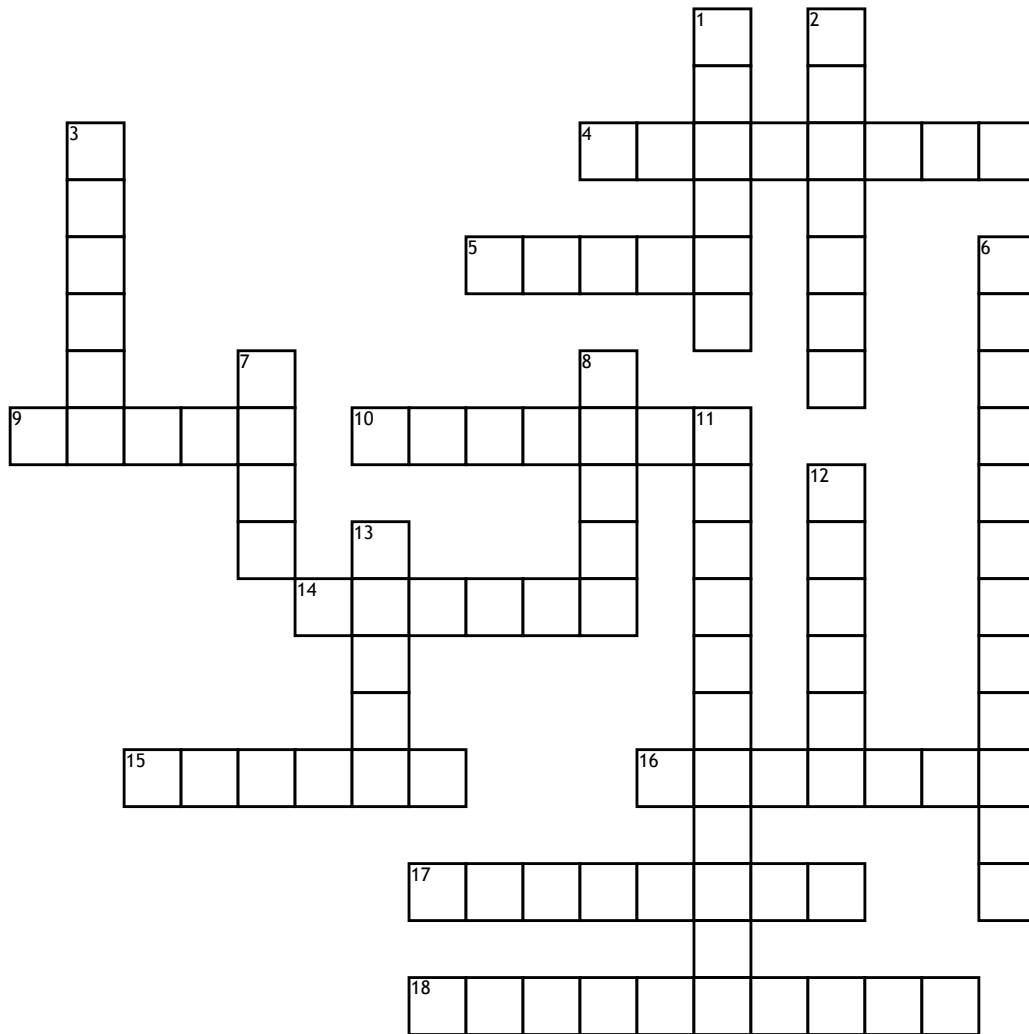


Name: \_\_\_\_\_

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

# Forces



### Across

- 4. An upward force on an immersed object
- 5. True or false? Mass and weight are the same thing
- 9. Which country has banned facebook, twitter and instagram?
- 10. All forces are measured in \_\_\_\_\_
- 14. How much space an object takes up
- 15. Your \_\_\_\_\_ is the force of gravity pushing down on us

- 16. The more \_\_\_\_\_ (size) objects are, the greater their gravitational pull on each other will be
- 17. A force that moves in the opposite direction of motion, it opposes motion
- 18. Gravity, Magnetism, and electric forces are all examples of \_\_\_\_\_ forces

### Down

- 1. The gravitational pull between 2 objects increases (gets stronger), the \_\_\_\_\_ the objects get to each other
- 2. \_\_\_\_\_ is a force of attraction

- 3. A \_\_\_\_\_ surface will have the least amount of friction
- 6. What is it called when an object pushes water out of its way?
- 7. How much "stuff" there is in an object
- 8. A push or a pull on an object
- 11. Change in state of matter for dry ice
- 12. Only \_\_\_\_\_ can exert friction
- 13. A \_\_\_\_\_ surface will have a lot of friction

### Word Bank

- |          |              |         |             |          |
|----------|--------------|---------|-------------|----------|
| false    | smooth       | china   | noncontact  | massive  |
| friction | displacement | newtons | sublimation | buoyancy |
| volume   | rough        | force   | closer      | solids   |
| weight   | gravity      | mass    |             |          |