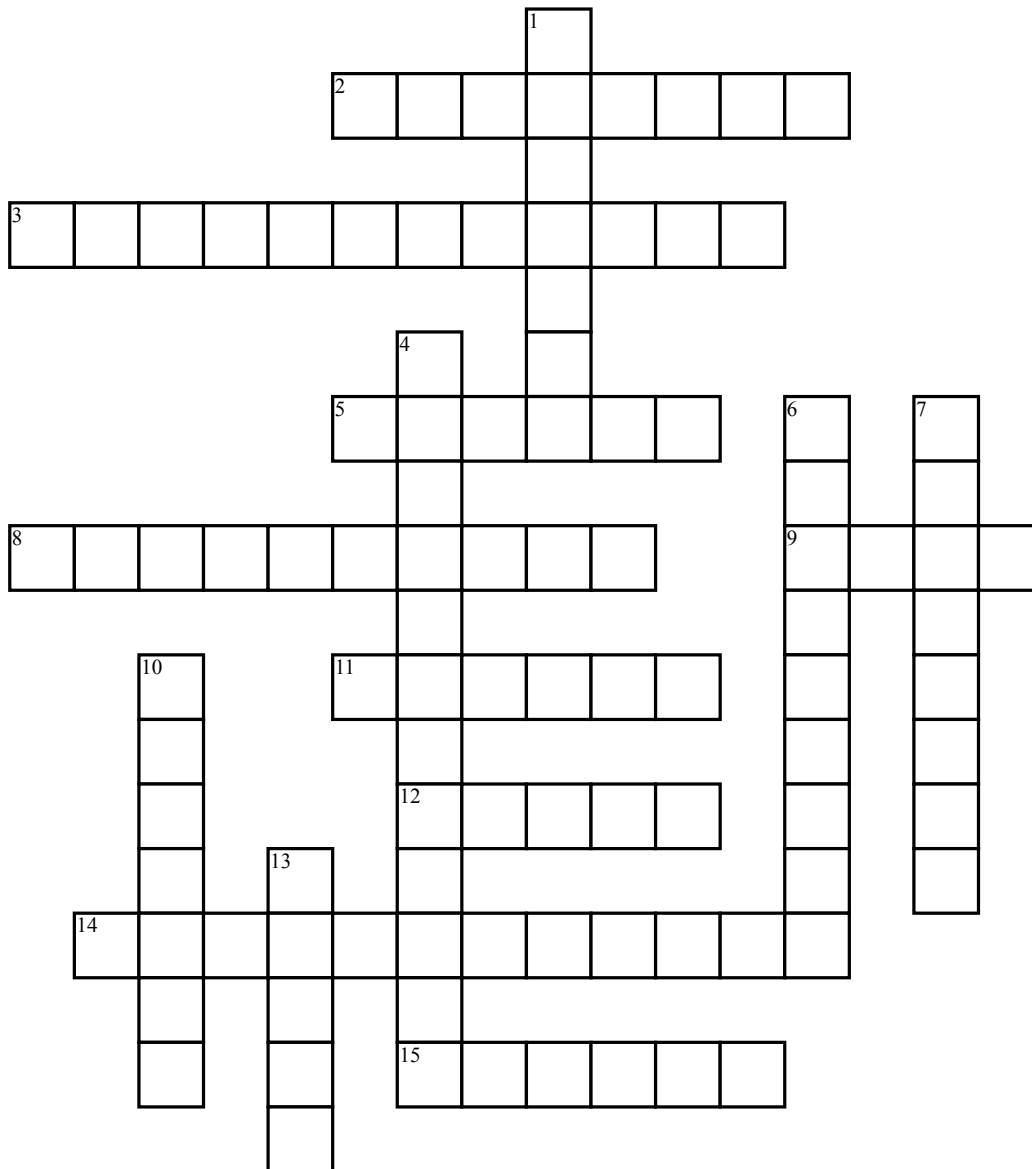


Physics Crossword: Forces



Across

2. A vector quantity that represents the rate and direction at which an object covers distance
3. A vector quantity that represents the change in the rate of velocity
5. A quantity that is represented by a magnitude (number) and direction
8. Forces that act between two objects that aren't physically touching each other
9. Quantity of matter in a body

11. A vector quantity that represents the force of gravity on an object

12. An interaction that can change the motion of an object

14. A vector quantity that represents how far and which direction an object has travelled

15. A quantity that is represented by magnitude (number) only

Down

1. A force that acts between two objects that are physically touching each other

4. Where the mass seems to be concentrated

6. When a vector is broken into parts the parts are -----

7. A scalar quantity that represents how far something has travelled

10. The force that attracts an object towards the centre of the earth

13. A scalar quantity that represents the rate at which an object covers distance.