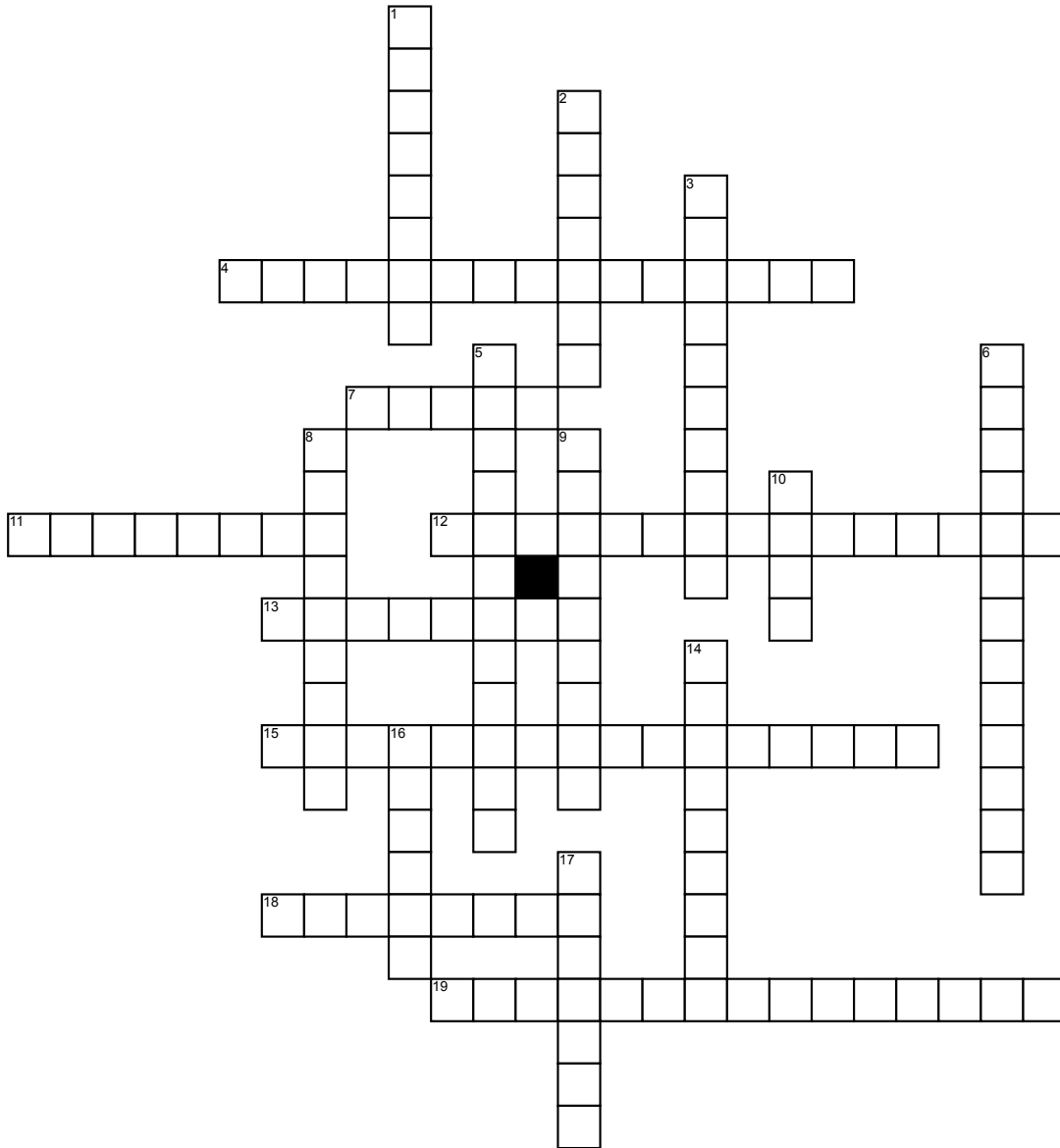


Forces and Interactions



Across

- 4. Which law states that objects at rest remain at rest, and objects in motion remain in motion, unless acted upon by a force?
- 7. The pull of a handle on a wagon is a type of contact
- 11. What kind of force involves both attraction and repulsion?
- 12. What kind of force involves both electricity and magnetic force?
- 13. The combined force of two people pushing on a box is an example of _____.
- 15. The force that keeps the moon and Earth in each other's gravitational field is _____.

- 18. Newton's second law states that to increase acceleration, you _____ force.
 - 19. When you're walking, you push backward on the ground and the ground pushes you forward with equal force is an example of?
- Down**
- 1. If Roxie is pushing on an object, then the object is moving _____ her.
 - 2. Which force keeps Venus in orbit around the sun?
 - 3. Gravitational Force is the _____ between two masses.
 - 5. A ball speeding up as it falls to the ground is an example of _____.

- 6. What force is considered the Universal Force?
- 8. If the mass of one object increases, then the gravitational force between that object and a second object _____.
- 9. If the distance between two objects increases, then the gravitational pull between the two objects _____.
- 10. Weight is the force of gravity acting upon a _____.
- 14. What units are used to measure mass?
- 16. If Dustin is pulling on a object, then the object is moving _____ him.
- 17. What units are used to measure force?