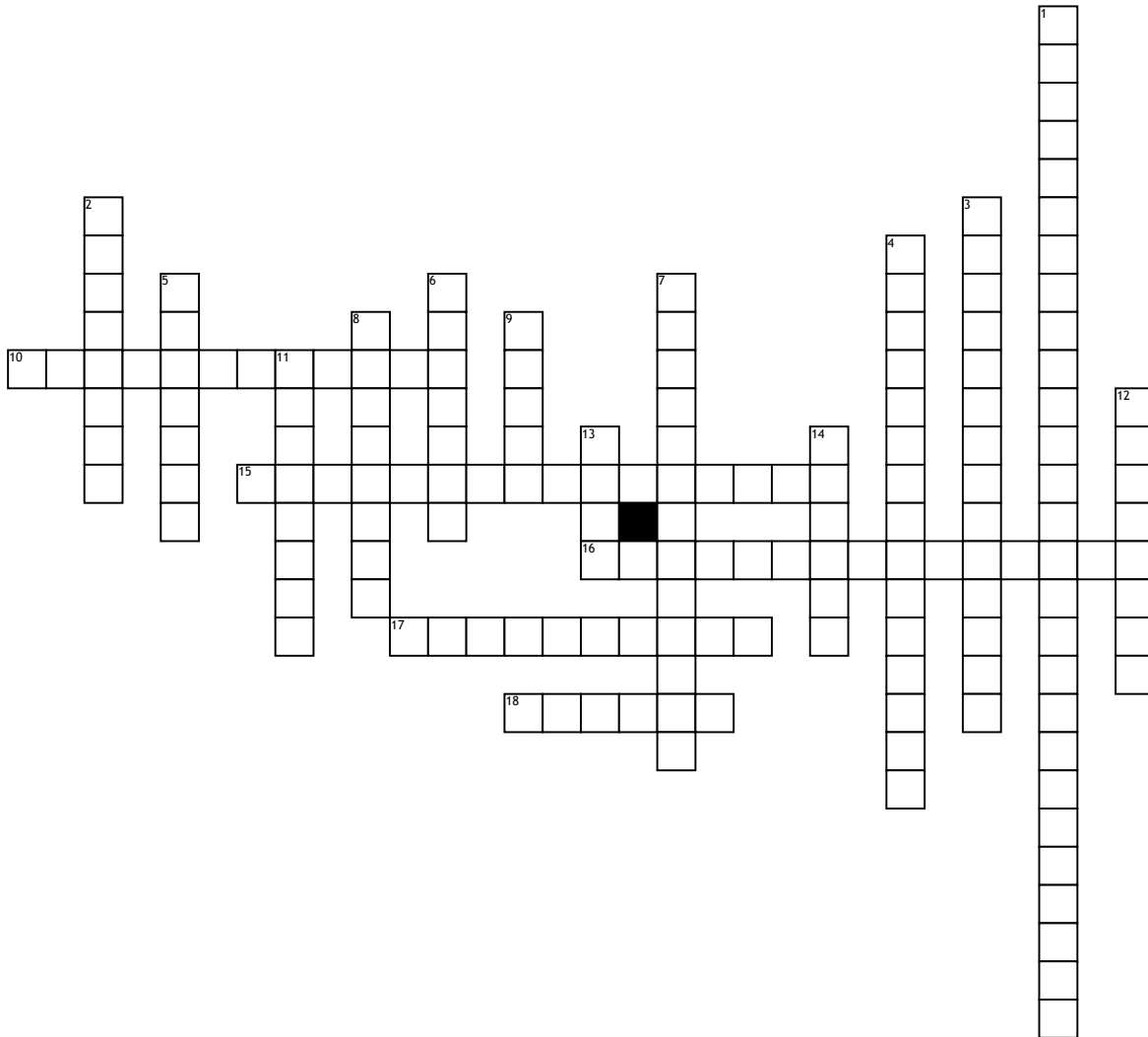


Chapter 3 Vocabulary



Across

- 10. a force that fluids exert on submerged objects to push it upward
- 15. a force that causes objects to move in circles
- 16. occurs when two surfaces slide over each other
- 17. objects that orbit around other objects in space
- 18. SI unit used to measure the strength of force

Down

- 1. a law that states that in the absence of outside forces, the total amount of momentum of objects that interact does not change
- 2. combination of all the forces acting on an object
- 3. occurs between two objects that aren't moving
- 4. occurs when an object rolls across a surface
- 5. a force that pulls objects toward each other
- 6. resistance to change in motion

7. occurs when a solid object moves through a fluid

8. force that two surfaces apply on each other when they rub against each other

9. a push or a pull

11. when gravity is the only force acting on an object

12. characteristic of moving objects that is related to its mass and velocity

13. the measure of the amount of matter in an object

14. the measure of the amount of force of gravity on an object