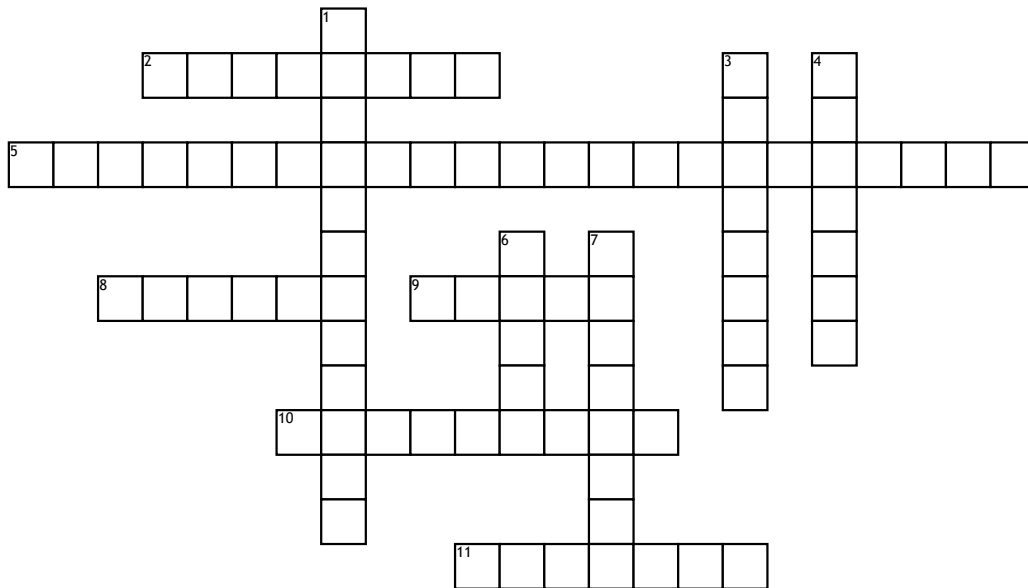


Gravity



Across

2. What is speed in a specific direction?
5. What is acceleration in circular motion?
8. What is a quantity that has both size and direction?
9. What is simply a push or a pull?
10. What is the management or guidance of someone or something?
11. What is the tendency of all objects to resist a change in motion?

Down

1. What is the rate at velocity changes?
3. What happens when gravity is pulling it down and no other forces are acting on it?
4. What is a force of attraction due to their mass?
6. What happens when an object travels around another object in space?
7. What is the combination of all forces acting on an object?

Word Bank

Centripetal acceleration
 Inertia
 Orbit
 Vector

Gravity
 Acceleration
 Direction
 Net force

Velocity
 Force
 Free Fall