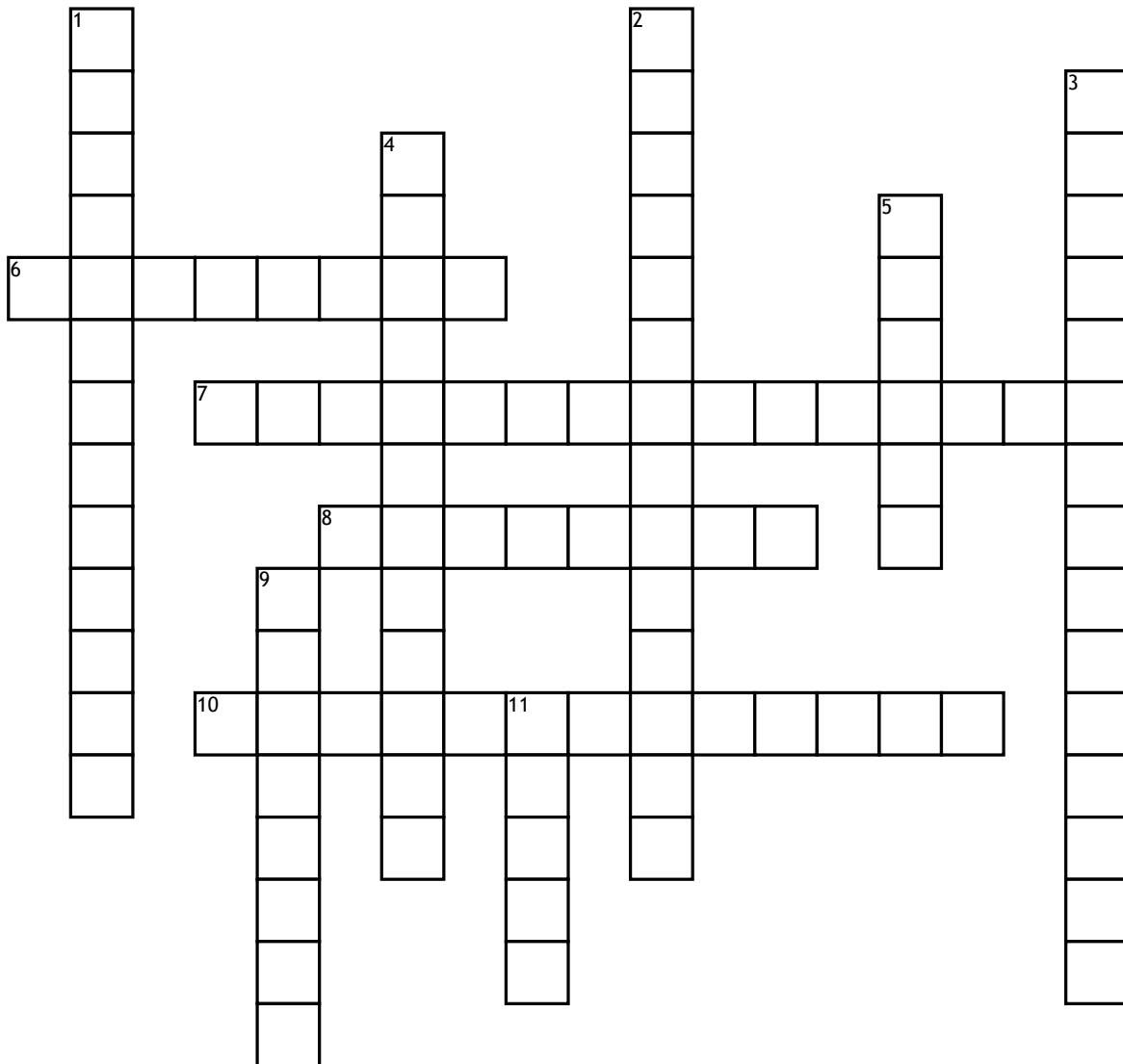


# Motion and Forces Vocabulary



## Across

6. when two or more forces act on an object at the same time

7. Friction between a rolling object and surface it rolls on

8. a force that opposes the sliding motion of two touching surfaces

10. Friction when an object moves through fluid meaning either liquid or gas

## Down

1. Friction like force that opposes motion of objects that move through air - depends on speed, size, and shape of object

2. friction in which two surfaces are not moving past each other

3. Friction where two surfaces slide past one another

4. rate of change of velocity.

5. two dimensional (fast, direction)

9. includes speed of an object and the direction of it's motion

11. a push or pull applied to an object