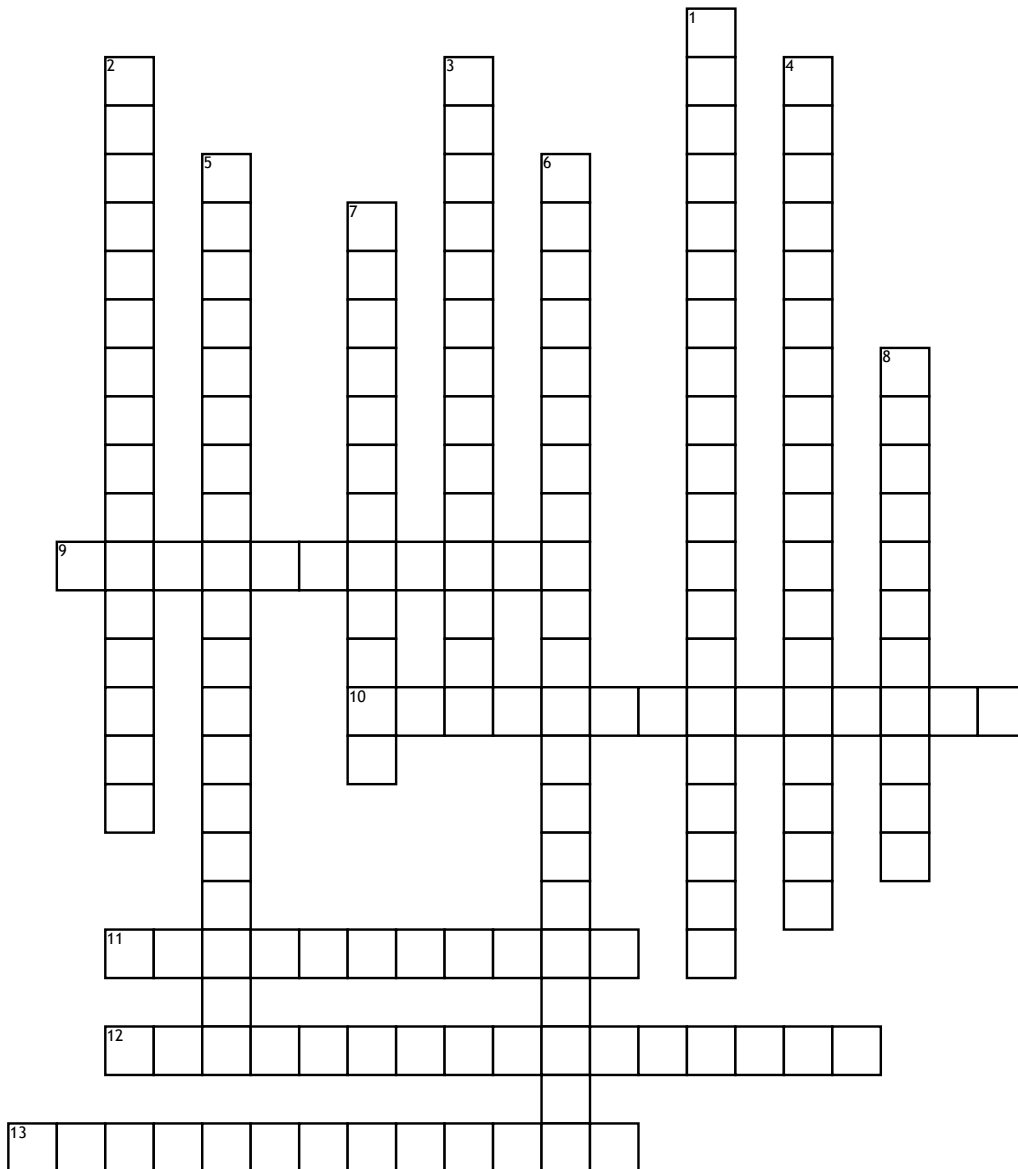


# Vocabulary Contract



## Across

9. the force exerted by a compressed or stretched spring upon any object that is attached to it

10. a force which acting conjointly with one or more forces, produces the effect of a single force or resultant

11. that component of the contact force that is perpendicular to the surface that an object contacts

12. diagrams used to show the relative magnitude and direction of all forces acting upon an object in a given situation

13. is one of the six classical simple machines defined by renaissance scientists

## Down

1. when a body is in relative motion with another, with their surfaces in contact

2. at two separate points are not parallel, they intersect

3. a state of imbalance between opposing forces or processes

4. a force that attracts any objects with mass

5. the friction that exists between a stationary object and the surface on which it's resting

6. the ratio between the force necessary to move one surface horizontal over another and the pressure between the two surface

7. the force exerted on the desk by the people

8. means the condition of equal balance between opposing forces