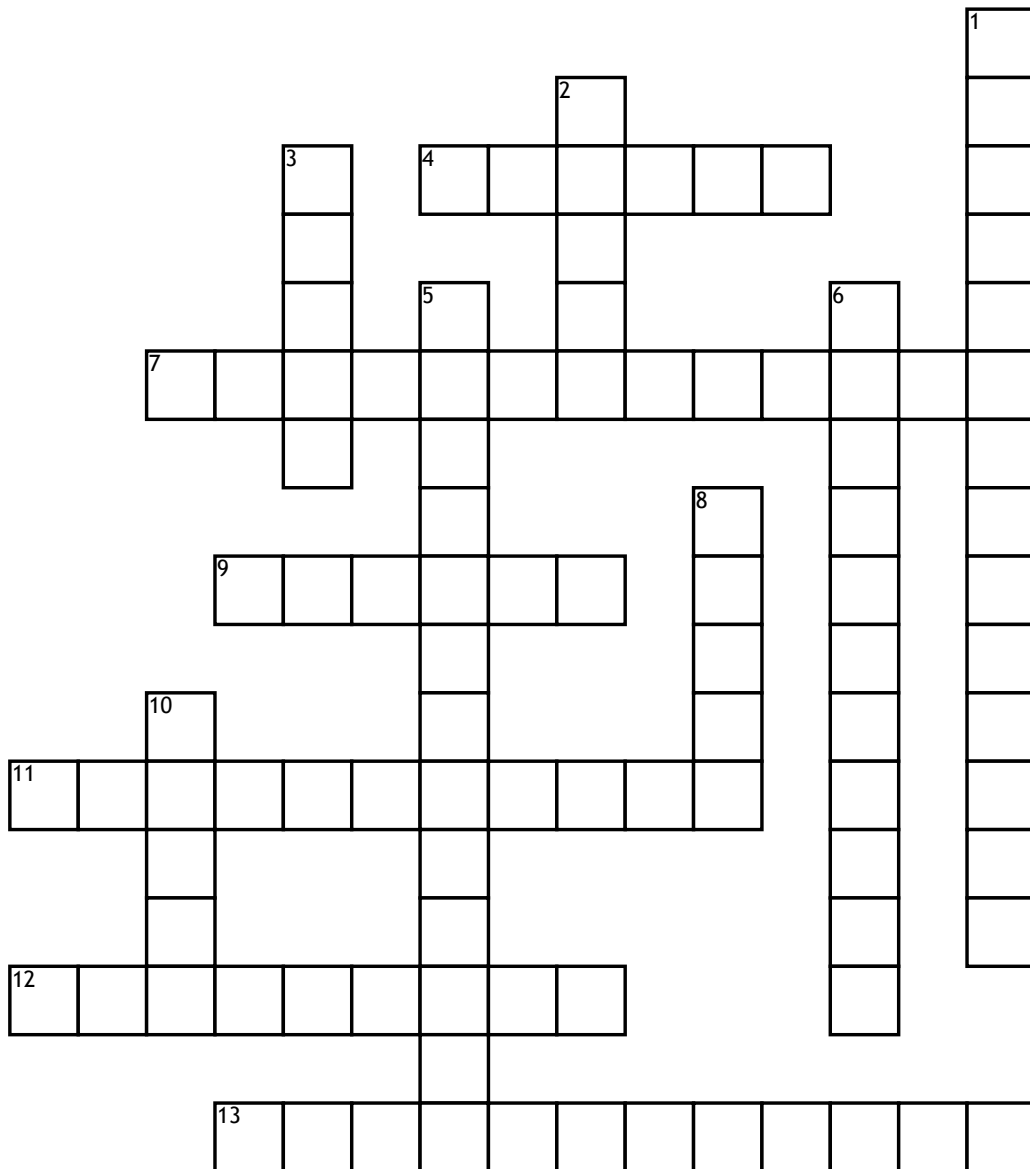


# Simple Machines



## Across

4. the fulcrum is between the effort and the load

7. the angle determines the effort needed; used for heavy lifting

9. this simple machine changes the direction of the force

11. the load is between the effort and the fulcrum

12. A simple machine changes force or

13. Two circles connected with a rod

## Down

1. combination or two or more simple machines

2. used to cut or push objects apart

3. A simple machine changes direction or

5. device for changing the amount or force or direction of force

6. the effort is between the load and fulcrum

8. spirally grooved cylinder

10. Made of a bar that pivots on a fulcrum