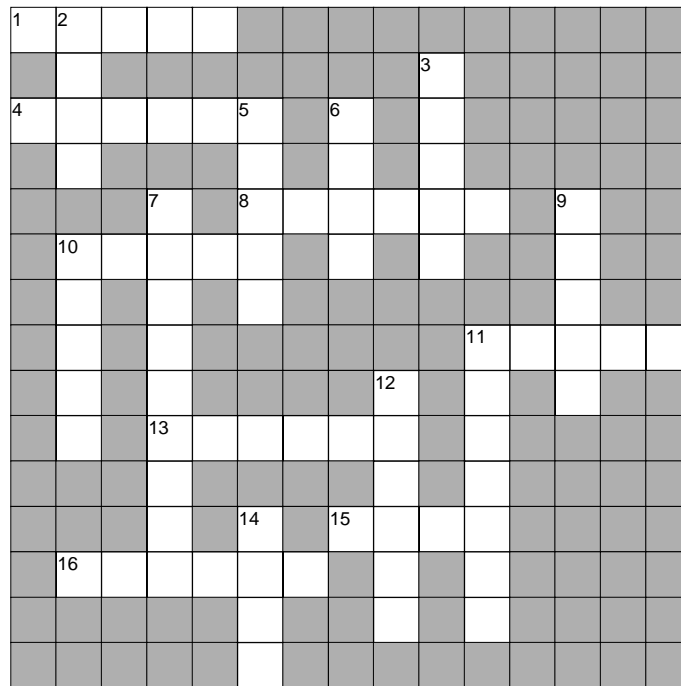


Simple Machines



Across

1. A type of simple machine is an inclined ____.[5]
4. A lever used by carpenters.[6]
8. Simple machine made with a wheel on an axle and a rope.[6]
10. Example of an inclined plane.[5]
11. Scissors are an example of a ____ order lever.[5]
13. Pulley system used by mechanics is a block and ____.[6]
15. Example of wheel and axle is a ____ knob.[4]
16. Example of lever in a playground.[6]

Down

2. Weight to be moved by a simple machine.[4]
3. A rigid bar that turns freely about a pivot.[5]
5. Mechanical advantage of a pulley is the number of ____ supporting the load.[5]
6. Type of simple machine is a wheel and ____.[4]
7. Effectiveness of a simple machine is its mechanical ____.[9]
9. An example of a ____ order lever is a fishing rod.[5]
10. Mechanical advantage of a wheel and axle is ____ diameter divided by axle diameter.[5]
11. Pivot.[7]
12. A wheelbarrow is an example of a ____ order lever.[6]
14. Example of an inclined plane.[4]