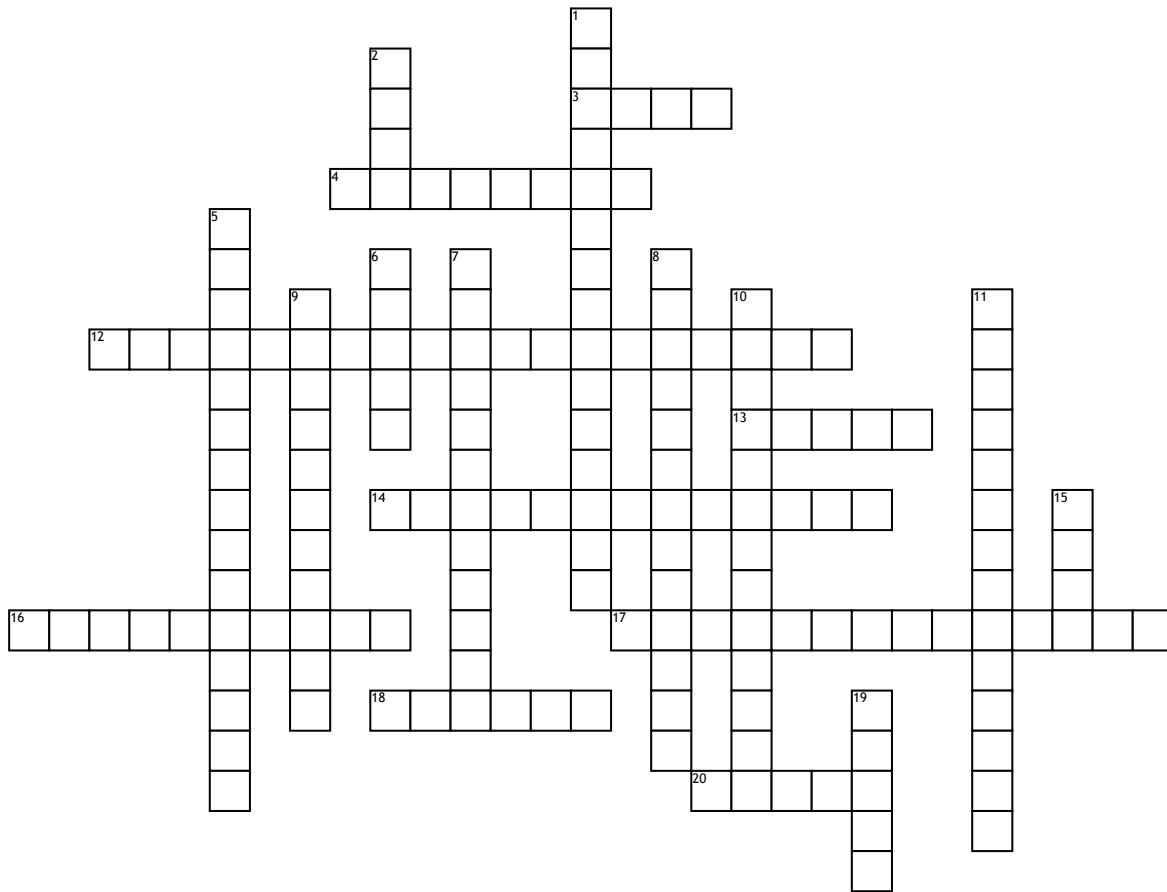


Name: \_\_\_\_\_

Date: \_\_\_\_\_

Period: \_\_\_\_\_

# Rube Goldberg - Vocabulary



## Across

3. A measure of the amount of matter in an object

4. The resistance that one surface or object encounters when moving over another.

12. A deliberately complex contraption in which a series of devices that perform simple tasks are linked together to produce a domino effect in which activating one device triggers the next device in the sequence.

13. physical strength and force exerted by something or someone

14. The energy an object has due to its motion

16. A form of energy that is transferred by a difference in temperature

17. A set of pulleys

18. A wheel with a grooved rim around which a cord passes. It acts to change the direction of a force applied to the cord and is chiefly used (typically in combination) to raise heavy weights

20. A rigid bar resting on a pivot, used to help move a heavy or firmly fixed load with one end when pressure is applied to the other.

## Down

1. A combination of two or more simple machines that operate together

2. A wheel with jagged edges like teeth

5. Stored energy that results from the position or shape of an object

6. A piece of wood, metal, or some other material having one thick end and tapering to a thin edge, that is driven between two objects or parts of an object to secure or separate them.

7. A simple lifting machine consisting of a rope which unwinds from a wheel on to a cylindrical drum or shaft joined to the wheel to provide mechanical advantage.

8. A plane inclined at an angle to the horizontal

9. Energy caused by an object's vibrations

10. Any of the basic mechanical devices for applying a force, such as an inclined plane, wedge, or lever.

11. The conversion of one form of energy into another, or the movement of energy from one place to another.

15. Activity involving mental or physical effort done in order to achieve a purpose or result.

19. A short, slender, sharp-pointed metal pin with a raised helical thread running around it and a slotted head, used to join things together by being rotated so that it pierces wood or other material and is held tightly in place.