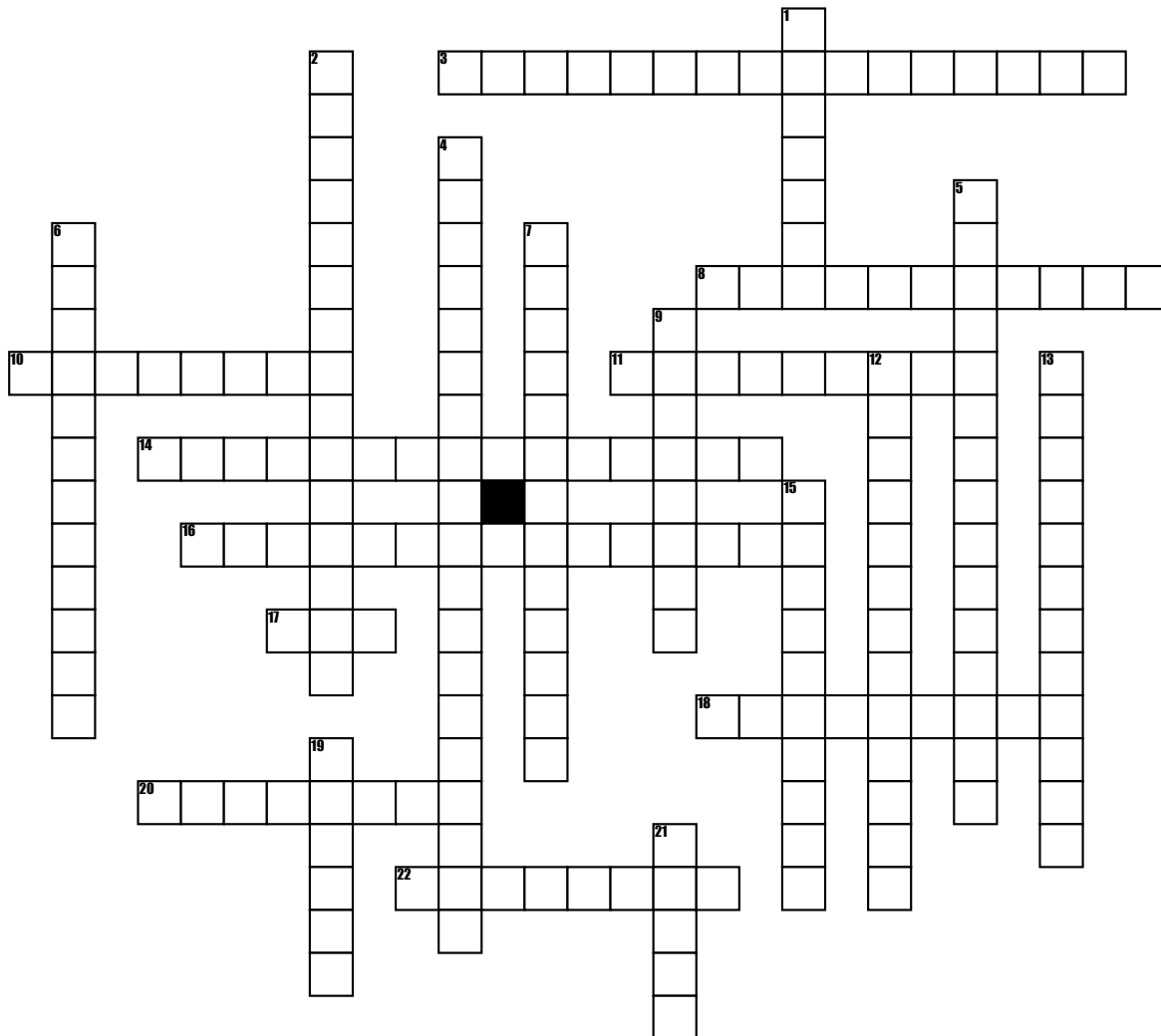


Inputs to technological systems even



Across

3. A lever in which the load lies between the fulcrum and the effort. A wheelbarrow is an example of a second-class lever.

8. the state of being a partner or partners.

10. The lever arm is defined as the perpendicular distance from the axis of rotation to the line of action of the force.

11. a person through experience or education; the theoretical or practical understanding of a subject.

14. is the method of raising capital by selling company stock to investors. In return for the investment, the shareholders receive ownership interests in the company.

16. A lever in which the effort is placed between the fulcrum and the load. A baseball bat is an example of a third-class lever.

17. an airlike fluid substance which expands freely to fill any space available, irrespective of its quantity.

18. a person who is studying or has expert knowledge of one or more of the natural or physical sciences.

20. a person who purchases goods and services for personal use.

22. a tool held in the hand and operated without electricity or other power.

Down

1. a person responsible for controlling or administering all or part of a company or similar organization.

2. A natural material is any product or physical matter that comes from plants, animals, or the ground.

4. To make extremely weary; wear out

5. refers to a factor that dramatically increases (hence "multiplies") the effectiveness of an item or group.

6. a simple lifting machine consisting of a rope that unwinds from a wheel onto a cylindrical drum or shaft joined to the wheel to provide mechanical advantage.

7. an amount or supply of something) unable to be used up because existing in abundance.

9. a person who designs, builds, or maintains engines, machines, or public works

12. a firm raises money for working capital or capital expenditures by selling bonds, bills, or notes to individual and/or institutional investors

13. Employees whose work is helping a company or organization to operate, for example technical

15. the use of the imagination or original ideas, especially in the production of an artistic work.

19. a wheel with a grooved rim around which a cord passes.

21. firm and stable in shape; not liquid or fluid.