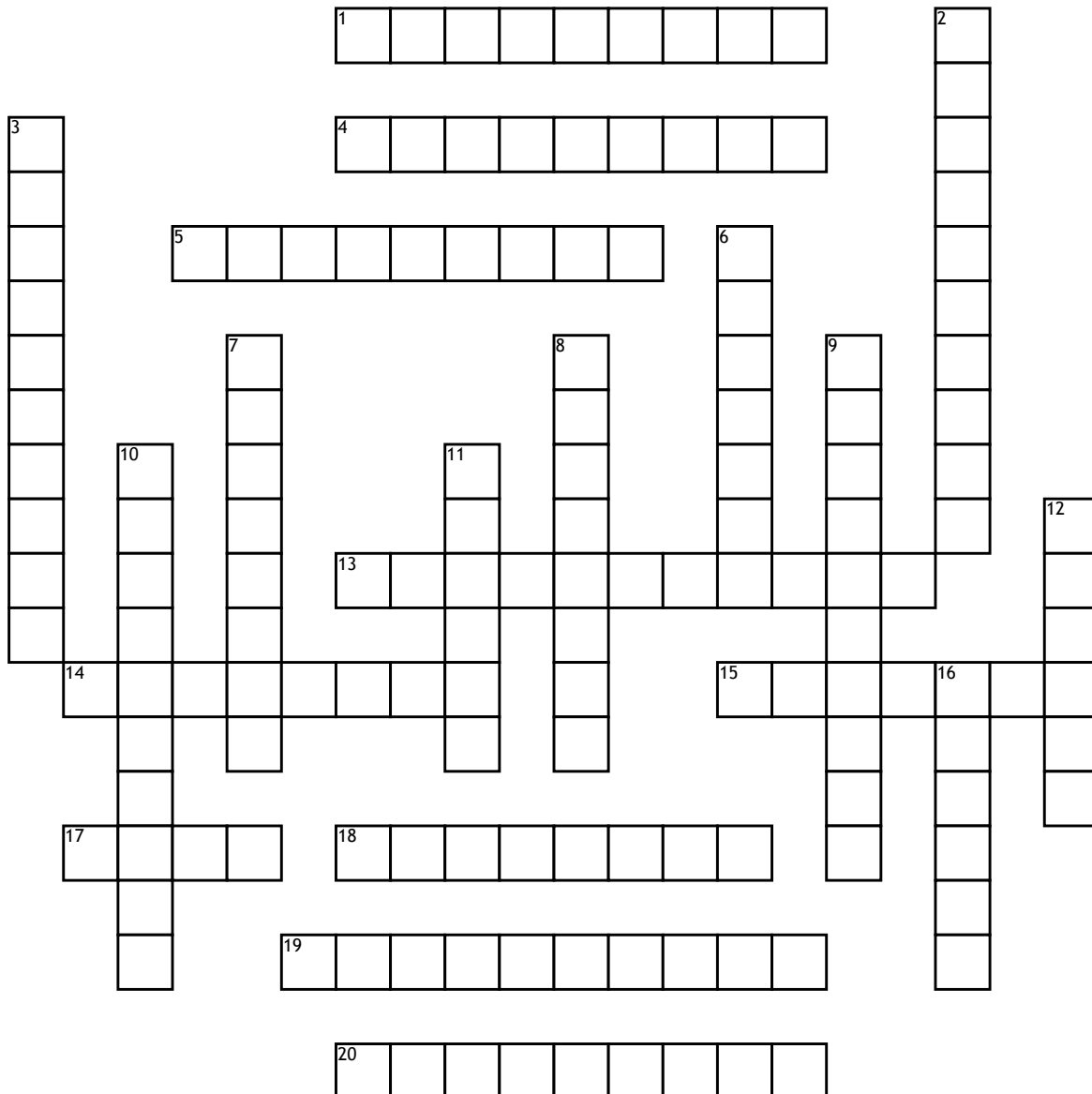


Rocket Boys



Across

1. the branch of science which investigates properties and reactions
 4. a violent shattering or blowing apart of something
 5. an artificial body placed in orbit round the earth or another planet in order to collect information
 13. a mathematical determination of the amount or number of something
 14. A chemical element, found in most pools
 15. a series of Soviet artificial satellites, the first of which was the first satellite to be placed in orbit.

17. the smallest particle of a chemical element that can exist.
 18. Recurring at intervals of time, and related to the table of elements
 19. a chemical substance used in the production of energy, air planes have them
 20. a light silvery grey metal, also a chemical element

Down

2. a surveying instrument with a rotating telescope for measuring horizontal and vertical angles.
 3. concerned with, operating by, or producing electricity.
 6. an essential or characteristic part of something abstract

7. a statement that the values of two mathematical expressions are equal
 8. Resembling or consisting of small grains or particles
 9. A secondary product made in the manufacture of something else
 10. the branch of mathematics dealing with the properties and manipulation of numbers
 11. a low-melting alloy, used for joining less fusible metals.
 12. An object that can be propelled to a great height or distance, usually into space
 16. a salt or ester of nitric acid