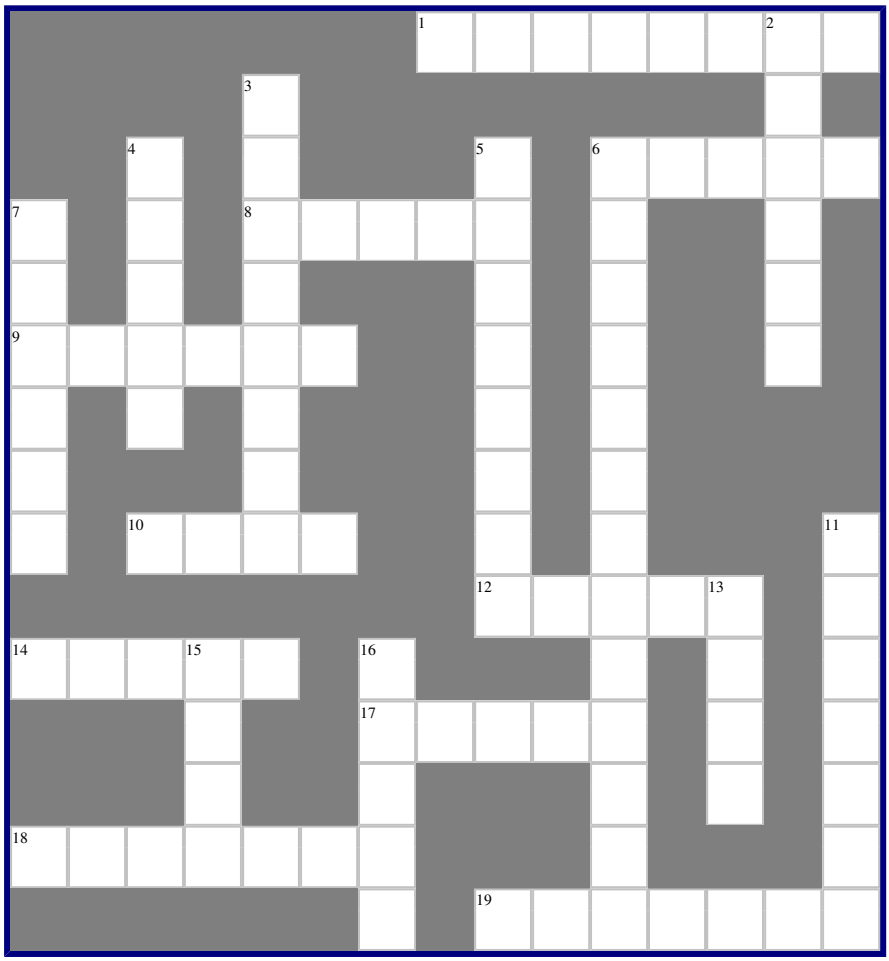
9M - Investigating Scientific Questions



Across

1. Ensure that only one input variable changes at a time to make it a (4,4) (8)
6. This tells you information about an axis, for example (5)
8. A straight edge with equally spaced markings on it (5)
9. Make a measurement again (6)
10. Horizontal or vertical lines on a graph from which data points are plotted (4)
12. The pattern that emerges from the results of your experiment (5)
14. Distance up (or down) divided by distance across on a graph (5)
17. The variable that you change during experiment (5)
18. A variable that remains constant during an experiment (7)
19. The variable that is the result of an experiment (7)

Down

2. A rough drawing (6)
3. A factor that can be changed in an experiment (8)
4. Representation of data by a picture (5)
5. Slope of a graph (8)
6. (4,2,4,3) Drawn through scattered points, it lets you estimate values not in your original data (13)
7. These are caused by imperfections in your equipment or mistakes that you make (6)
11. The sum of all values divided by the number of values (7)
13. Information obtained from an experiment (4)
15. To mark the data points on a graph (4)
16. The name of your experiment (5)
