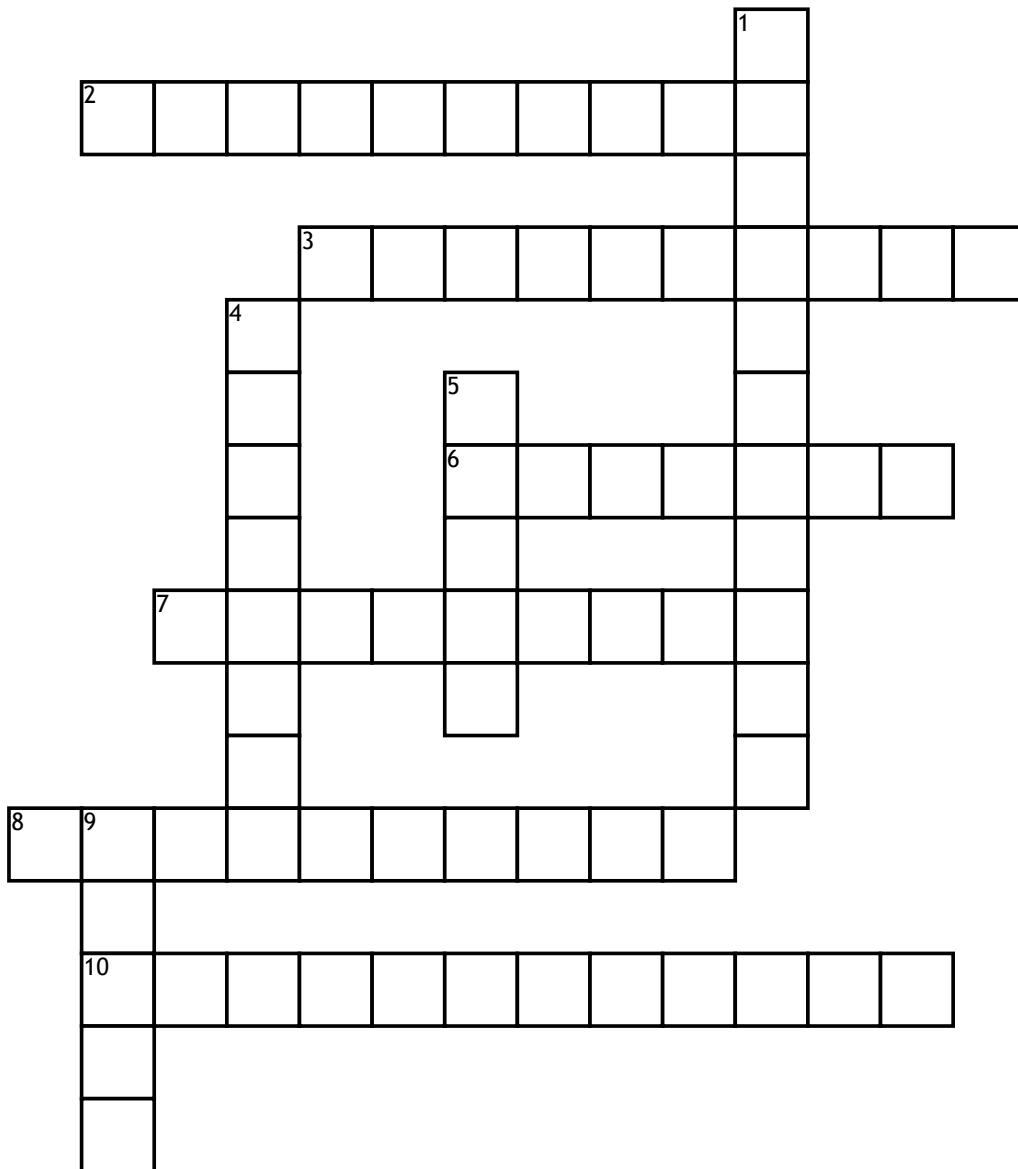


Experimental Vocabulary



Across

2. The smallest interval measurable by a scientific instrument
3. A qualitative judgement expressing the extent to which a conclusion is justified by the quality of the evidence
6. A result which is outside of the inherent variation of a data sample
7. The closeness in agreement between independent measurements of the same variable
8. If you carry out an investigation multiple times during a short time period with the same equipment and achieve consistent results, your experiment is ...

10. If your experiment has been recreated by another laboratory and they obtained consistent results, the experiment is ...

Down

1. The ... on your measurement expresses the range of values within which you are confident the true value lies
4. When your experimental results match closely with the true values, your experiment is
5. Results are ... when the method used to obtain them is appropriate and takes into account all control variables
9. The difference between true and measured values for a particular quantity