Pre-Test: What’s Your Question? Become an Expert!

|  |  |
| --- | --- |
| **The Scientific Method Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per.\_\_\_\_**  **Circle the correct response to the question:** | |
| In what step of the Scientific Method do you ask a question? | |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Conclusion |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Problem |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Hypothesis |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Information |
| In what step of the Scientific Method do you go to the library or ask an expert? | |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Conclusion |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Hypothesis |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Problem |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Information |
| The possible answer to the problem. | |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Hypothesis |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Conclusion |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Data |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Experiment |
| The actual answer to the problem. | |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Hypothesis |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Data |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Conclusion |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Information |
| The variable that you change in the experiment. Also called the manipulated variable. | |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Controlled |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Dependent |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Independent |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Responding |
| The variable that changes because you changed the other variable. Also called the responding variable. | |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Dependent |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Independent |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Controlled |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Manipulated |
| The group in the experiment that does not get the variable is called the \_\_\_\_\_\_\_\_\_\_\_ group. | |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Dependent |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Control |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Independent |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Responding |
| The variables in the experiment that do not change are called the \_\_\_\_\_\_\_\_\_\_ variables. | |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Controlled |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Independent |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Dependent |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Manipulated |
| Recorded observations and measurements. | |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Information |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Conclusion |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Hypothesis |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Data |
| The conclusion is based on the results of the \_\_\_\_\_\_\_\_\_\_\_\_\_. | |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Information |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Hypothesis |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Experiment |
| [http://cte.jhu.edu/techacademy/web/2000/lehman/nr/rbd.gif](http://cte.jhu.edu/techacademy/web/2000/lehman/mctest.htm) | Problem |