

Scientific Procedures & Safety

Directions:

Fill in the blanks.

1. Science comes from the Latin word _____, meaning knowledge.
2. One of the earliest discoveries happened between _____ and _____, when observations revealed _____ move in the _____ in a certain pattern.
3. Robert _____, an English physicist and _____, first described cells in 1665.
4. In _____, Newton created the laws of _____ which illustrated how the objects move in the universe.
5. Gregor Mendel, the “_____”, discovered how genetic information is passed down from a parent to an offspring.
6. A number of scientists established the theory of _____ in the late _____ century.
7. Nicolas Joseph _____, invented the _____ in 1769.
8. Barthelemy Thimonnier invented the first functional _____ machine in _____.
9. The first _____ computer was built in 1936 by _____ Zuse.
10. In order to obtain _____ information, scientists utilize _____ and _____ to answer questions arising in the field of study.
11. The _____ refers to the techniques followed to gain new information.
12. To be termed scientific, a conclusion must be based on gathering observable, _____ and _____ evidence.
13. One way to determine a _____ is to apply scientific information from various _____ sources.

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14. _____ can help in the selection of equipment and technology needed in particular experiments.
15. With _____, many independent researchers have tested and provided _____ results to support the problem in question.
16. Eliminating all but one _____ allows for accurate results.
17. Repeating experiments will only help in confirming the _____ of the _____.
18. Multimedia presentations, or _____ reports, are a growing means of reporting.
19. Certain materials can be _____, such as live _____, and may require specific methods of disposal.
20. Wearing proper attire during _____ can help reduce accidents.