

How X-Rays Were Discovered

1. Number
2. Noun
3. Proper Noun
4. Adjective
5. Adjective
6. Noun
7. Adjective
8. Noun
9. Noun - Plural
10. Noun - Plural
11. Noun
12. Noun
13. Proper Noun
14. Adjective
15. Verb
16. Noun - Plural
17. Noun - Plural
18. Number
19. Noun - Plural
20. Adverb
21. Noun - Plural
22. Noun
23. Noun

How X-Rays Were Discovered

In late _____^{Number}, a German _____^{Noun}, W. C. _____^{Proper Noun} was working with a cathode ray tube in his laboratory. He was working with tubes similar to our _____^{Adjective} light bulbs. He evacuated the tube of all air, filled it with a special gas, and passed a high _____^{Adjective} voltage through it. When he did this, the tube would produce a fluorescent glow. Roentgen shielded the tube with heavy black _____^{Noun}, and found that a green colored fluorescent light could be seen coming from a screen setting a few feet away from the tube. He realized that he had produced a previously unknown " _____^{Adjective} light," or _____^{Noun}, that was being emitted from the tube; a ray that was capable of passing through the heavy paper covering the tube. Through additional _____^{Noun - Plural}, he also found that the new ray would pass through most substances casting _____^{Noun - Plural} of solid objects on pieces of _____^{Noun}. He named the new ray _____^{Noun}, because in mathematics " _____^{Proper Noun} " is used to indicated the _____^{Adjective} quantity.

In his discovery Roentgen found that the _____^{Verb} would pass through the _____^{Noun - Plural} of humans leaving the _____^{Noun - Plural} and metals visible. One of Roentgen's first experiments late in 1895 was a film of his wife Bertha's hand with a ring on her finger . The news of Roentgen's discovery spread quickly throughout the world. Scientists everywhere could duplicate his experiment because the cathode tube was very well known during this period. In early _____^{Number}, _____^{Noun - Plural} were being utilized _____^{Adverb} in the United States for such things as bone _____^{Noun - Plural} and _____^{Noun} _____^{Noun} wounds.

