

Nuclear Quiz

True/False Questions

- _____ 1. Radiation could mutate you giving you deformities.
- _____ 2. Sleeping next to someone most nights of a year results in a radiation dose about the same as that from an X-ray of your hand.
- _____ 3. The recent shipment of 1.5 tons of plutonium from France to Japan had the energy equivalent of about 1000 oil tanker shipments.
- _____ 4. Some TV's and computer screens emit radiation that can cause cancer.
- _____ 5. Many dentures are radioactive.
- _____ 6. Irradiation of strawberries to retard spoilage causes the strawberries to be slightly radioactive.
- _____ 7. Living 1 mile from the Chernobyl nuclear reactor during the accident would be more likely to cause your early death than being 5 pounds overweight.
- _____ 8. Organically grown tomatoes are not radioactive.
- _____ 9. Radioactive waste with a half life of 1 trillion years is even more dangerous and difficult to store or dispose of safely than is otherwise-similar waste with a half life of 24,000 years.
- _____ 10. The Chernobyl accident has resulted in deformed farm animals being born.
- _____ 11. Transportation of fruits and vegetables will cause more deaths over the next 20 years than the transportation of nuclear waste.
- _____ 12. A pound of plutonium dust dispersed over a city would likely cause 100,000 deaths.
- _____ 13. The Three Mile Island nuclear reactor accident will ultimately result in over a thousand people dying of cancer.
- _____ 14. Some eyeglasses and camera lenses are radioactive.
- _____ 15. For decades early this century, many people thought radiation was healthy and paid substantial money for beverages and ointments laced with radium and/or radon.

- _____ 16. All environmentalists are against nuclear power.
- _____ 17. The dead skin layer on your body stops some kinds of ionizing radiation.
- _____ 18. Most cancer is caused by environmental pollution – both nuclear and chemical.
- _____ 19. Using a vacuum cleaner reduces radioactivity in your home.
- _____ 20. Each Boeing 747 includes 3000 pounds of uranium-238 metal in its construction.
- _____ 21. Coal-burning power plants cause thousands of deaths each year.
- _____ 22. Eating a gram of plutonium is more likely to kill you than eating a gram of vitamin D or caffeine (taken all at once).
- _____ 23. It is more dangerous to have lived in a house with an elevation of 50 ft higher than your present house than to have a dental X-ray.

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Answers to the True/False Questions

1. F
2. T
3. T
4. T
5. T
6. F
7. F
8. F
9. F
10. F
11. T
12. F
13. F
14. T
15. T
16. F
17. T
18. F
19. T
20. T
21. T
22. T
23. T