

Uranium Myths and Facts Quiz

Name: _____ Date: _____

Read each statement. Circle "True" or "False" for each statement depending on what you think or believe to be correct.

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|------|-------|---|
| True | False | 1. Uranium is a man-made element. |
| True | False | 2. Uranium (U) is a silvery-white, weakly radioactive material in the actinide series of the periodic table. |
| True | False | 3. Uranium atoms are unstable and decay (forming other elements like radium and radon) until they become stable lead atoms. |
| True | False | 4. Uranium decays at a quick rate. |
| True | False | 5. Any amount of uranium exposure will cause you to develop cancer. |
| True | False | 6. Waste from uranium mining and milling remains radioactive forever. |
| True | False | 7. Most of the radiation that we are exposed to is man-made. |
| True | False | 8. Uranium gives off radiation (alpha particles, beta particles, and gamma rays) as it decays. |
| True | False | 9. Gamma rays produce short wavelengths at a high frequency and can penetrate the body and damage living tissue. |
| True | False | 10. People are more at risk from radon exposure in their home than living near a nuclear power plant. |
| True | False | 11. Uranium was discovered during World War II when the atomic bomb was developed. |
| True | False | 12. Radioactive mining and milling waste can get into our food, water, and air supplies. |
| True | False | 13. I can reduce my risk of uranium exposure by using time, distance, and shielding protection measures. |
| True | False | 14. Children and adults are equally sensitive to radiation exposure. |