

Name _____

Creating the Unseen: The Science of Synthetic Elements

Short Answer

1. How do particle accelerators contribute to the creation of synthetic elements?
2. Why is the study of synthetic elements valuable for our understanding of nuclear physics?
3. Can you provide an example of a synthetic element used in medical imaging?
4. What challenges are associated with the production and study of synthetic elements?
5. Why is it essential for scientists to adhere to ethical considerations when working with synthetic elements?

