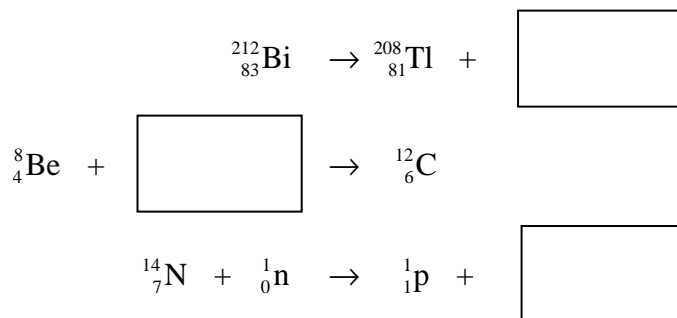


Marks
4

- Balance the following nuclear reactions by identifying the missing nuclear particle or nuclide.



What is a common source of the neutrons in the previous reaction?

2

- Explain why solid α emitters are generally considered as low risk radioisotopes while gaseous α emitters are high risk.