

## Question #83624, Chemistry / General Chemistry | for completion

An element sample has isotopes of  $^{139}\text{X}$ ,  $^{142}\text{X}$ ,  $^{145}\text{X}$ . What are the possible identities of the element?

Answer:

They are possible Lanthanum, praseodymium and cerium. Praseodymium best suits them.

$\text{La}^{139}$ ,  $\text{Pr}^{141}$ ,  $\text{Ce}^{140}$

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