

Completar las siguientes reacciones nucleares

- 1.- ${}^9_4\text{Be} + {}^4_2\text{He} \longrightarrow {}^{12}_6\text{C} + \text{-----} + \gamma$
- 2.- ${}^{128}_{53}\text{I} \longrightarrow {}^{128}_{54}\text{Xe} + \text{-----} + \gamma$
- 3.- ${}^{129}_{56}\text{Ba} \longrightarrow {}^{129}_{55}\text{Cs} + \text{-----} + \gamma$
- 4.- ${}^{35}_{17}\text{Cl} + {}^1_0\text{n} \longrightarrow {}^{35}_{16}\text{S} + \text{-----} + \gamma$
- 5.- ${}^{208}_{84}\text{Po} \longrightarrow {}^{204}_{82}\text{Pb} + \text{-----} + \gamma$
- 6.- ${}^{222}_{86}\text{Rn} + \text{-----} \longrightarrow {}^{226}_{88}\text{Ra} + \gamma$
- 7.- ${}^{227}_{89}\text{Ac} \longrightarrow {}^{227}_{90}\text{Th} + \text{-----} + \gamma$
- 8.- ${}^{197}_{78}\text{Pt} \longrightarrow {}^{197}_{79}\text{Au} + \text{-----} + \gamma$
- 9.- ${}^{238}_{92}\text{U} + \text{-----} \longrightarrow {}^{241}_{93}\text{Np} + {}^1_1\text{H} + \gamma$
- 10.- ${}^{19}_9\text{F} + \text{-----} \longrightarrow {}^{16}_7\text{N} + {}^4_2\text{He} + \gamma$
- 11.- ${}^{21}_{11}\text{Na} \longrightarrow \dots\text{Ne} + {}^0_1\text{e} + \gamma$
- 12.- ${}^{90}_{38}\text{Sr} \longrightarrow {}^{90}_{39}\text{Y} + \text{-----} + \gamma$
- 13.- ${}^{238}_{92}\text{U} \longrightarrow {}^{234}_{90}\text{Th} + \text{-----} + \gamma$
- 14.- ${}^{14}_7\text{N} + {}^4_2\text{He} \longrightarrow {}^{17}_8\text{O} + \text{-----} + \gamma$
- 15.- ${}^{10}_5\text{B} + {}^4_2\text{He} \longrightarrow {}^{13}_7\text{N} + \text{-----} + \gamma$
- 16.- ${}^{24}_{12}\text{Mg} + \text{-----} \longrightarrow {}^{27}_{14}\text{Si} + {}^1_0\text{n} + \gamma$
- 17.- ${}^{27}_{14}\text{Si} \longrightarrow {}^{27}_{13}\text{Al} + \text{-----} + \gamma$
- 18.- $\dots\text{P} \longrightarrow {}^{30}_{14}\text{Si} + {}^0_1\text{e} + \gamma$
- 19.- ${}^{27}_{13}\text{Al} + {}^4_2\text{He} \longrightarrow {}^{30}_{15}\text{P} + \text{-----} + \gamma$
- 20.- ${}^{13}_7\text{N} \longrightarrow {}^{13}_6\text{C} + \text{-----} + \gamma$
- 21.- ${}^{235}_{92}\text{U} + {}^1_0\text{n} \longrightarrow {}^{93}_{36}\text{Kr} + \dots\text{Ba} + 2{}^1_0\text{n} + \text{E}$
- 22.- ${}^{235}_{92}\text{U} + \text{-----} \longrightarrow {}^{148}_{57}\text{La} + {}^{85}_{35}\text{Br} + 3{}^1_0\text{n} + \text{E}$
- 23.- ${}^2_1\text{H} + {}^2_1\text{H} \longrightarrow {}^3_1\text{H} + \text{-----} + \text{E}$
- 24.- ${}^2_1\text{H} + {}^2_1\text{H} \longrightarrow {}^3_2\text{He} + \text{-----} + \text{E}$
- 25.- ${}^7_3\text{Li} + \text{-----} \longrightarrow 2 {}^4_2\text{He} + \text{E}$