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web the reaction in our example above would be written as ${}^6_3\text{Li} + {}^4_2\text{He} \rightarrow {}^{10}_5\text{B} + {}^1_0\text{n}$ balancing a radioactive decay equation in balancing a nuclear equation it is important to remember that the sum of all the mass numbers and atomic numbers given on the upper left and lower left side of the element symbol respectively must be equal for both sides of the

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