This is a nuclear equation using superscripts:

$$
{ }^{78} \mathrm{Kr}+{ }^{4} \mathrm{He} \rightarrow{ }^{81} \mathrm{Rb}+p
$$

This is an equation using subscripts:

$$
x_{1}+x_{2}+x_{3}=1
$$

And this is an equation using both superscripts and subscripts:

$$
x_{1}^{2}+y_{1}^{2}+z_{1}^{2}=1
$$

