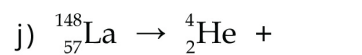
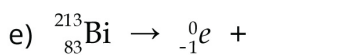
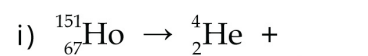
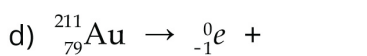
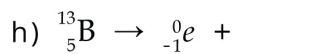
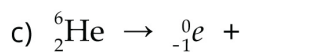
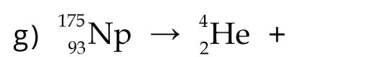
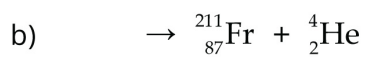
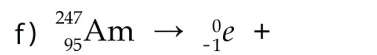
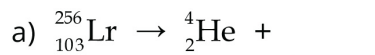


Name : _____ Date : _____

Nuclear Equation Worksheet

1. Complete the following nuclear decay by filling in the missing nuclei.



2. Write equations for the following nuclear reactions.

a) Decay of polonium - 218 by alpha (α) emission

b) Decay of carbon - 14 by beta (β) emission

c) Alpha decay of radon - 198

d) Beta decay of uranium - 237

e) Beta decay of cobalt - 60

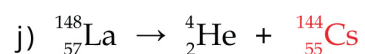
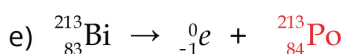
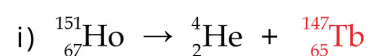
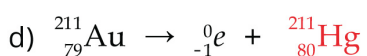
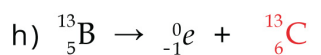
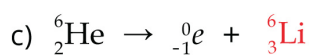
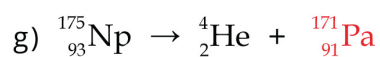
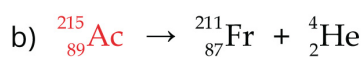
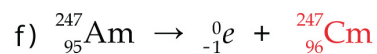
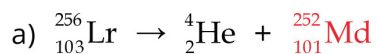
f) Positron emission of fluorine - 18

g) Electron capture of krypton - 89

Name : _____ Date : _____

Nuclear Equation Worksheet

1. Complete the following nuclear decay by filling in the missing nuclei.

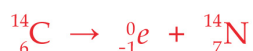


2. Write equations for the following nuclear reactions.

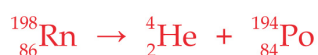
a) Decay of polonium - 218 by alpha (α) emission



b) Decay of carbon - 14 by beta (β) emission



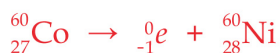
c) Alpha decay of radon - 198



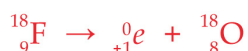
d) Beta decay of uranium - 237



e) Beta decay of cobalt - 60



f) Positron emission of fluorine - 18



g) Electron capture of krypton - 89

