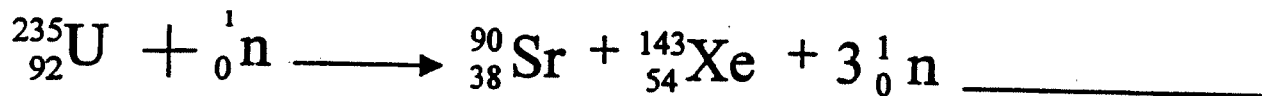


1. Classify the following reactions as nuclear fusion, nuclear fission, alpha or beta decay.

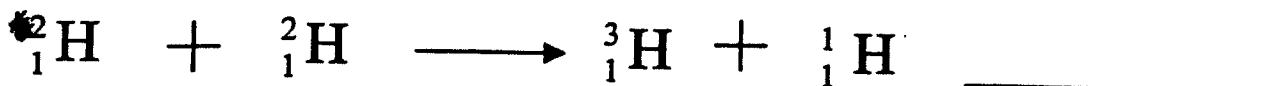
a)



b)

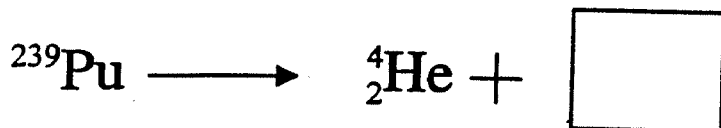


c)



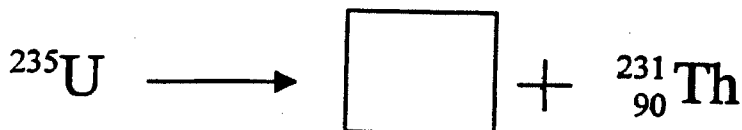
2. Predict the products of the following nuclear reactions and classify each reaction type as fission, fusion, alpha, or beta as required.

a)



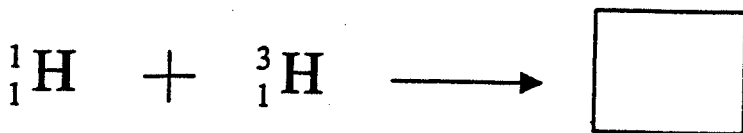
Alpha, Beta, or Gamma

b)



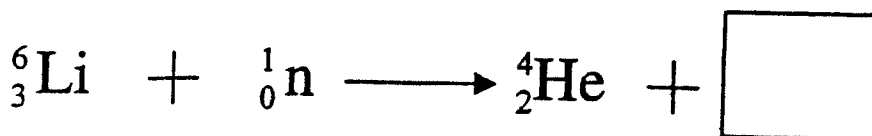
Alpha, Beta, or Gamma

c)

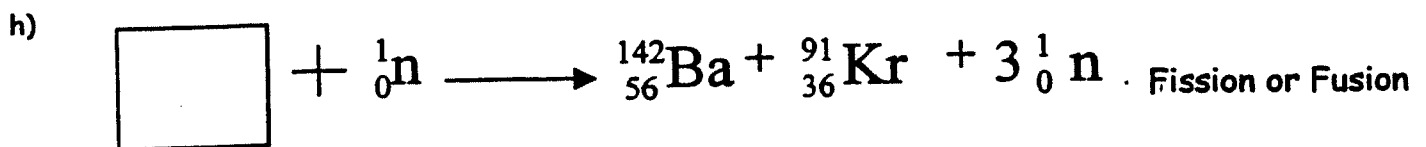
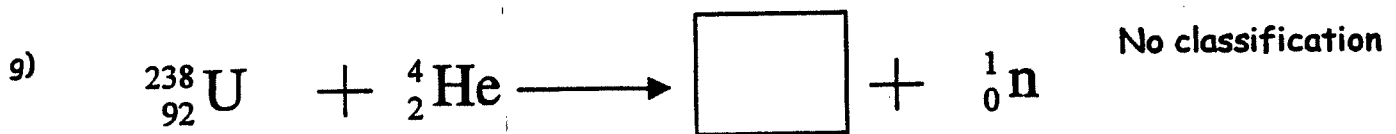
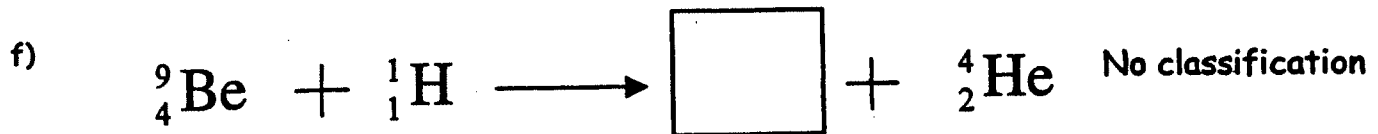
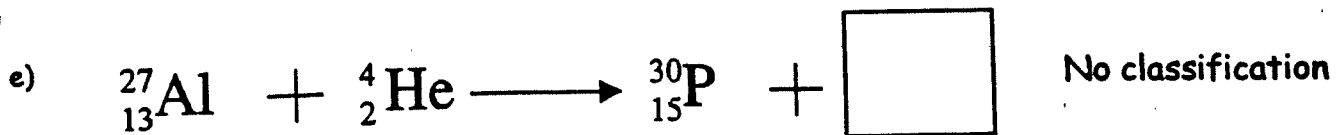


Fission or Fusion

d)



Fission or Fusion



Bonus



The above reaction emits a type of particle we have not discussed.
Can you think of an appropriate name for this particle?

