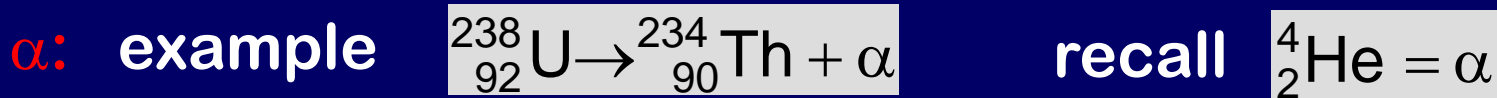


# Example

## Decay Rules

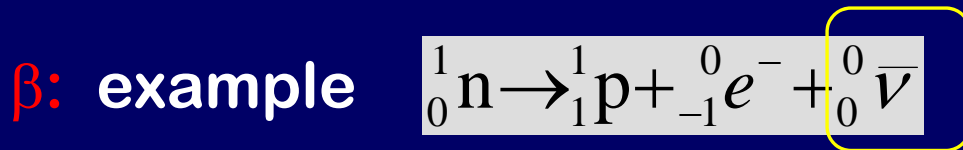
- 1) Nucleon Number (A) is conserved.
- 2) Atomic Number (Z) is conserved.
- 3) Energy and momentum are conserved.



1)  $238 = 234 + 4$

2)  $92 = 90 + 2$

Nucleon number conserved  
Charge conserved



Needed to conserve momentum.

