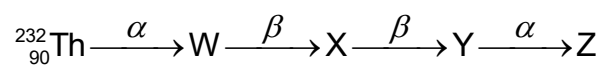
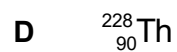
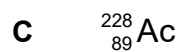
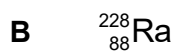
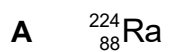


- 30** The following represents a sequence of radioactive decays involving two  $\alpha$ -particles and two  $\beta$ -particles.



What is the nuclide Z?



**END OF PAPER**