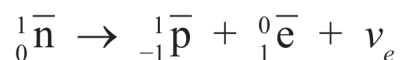


13 A stationary anti-neutron decays by emitting a positron.

(a) Explain how energy is conserved in this decay.

(2)

(b) The equation shows the decay of an anti-neutron.



Explain how this equation shows that the decay obeys three conservation laws.

(6)

(Total for Question 13 = 8 marks)