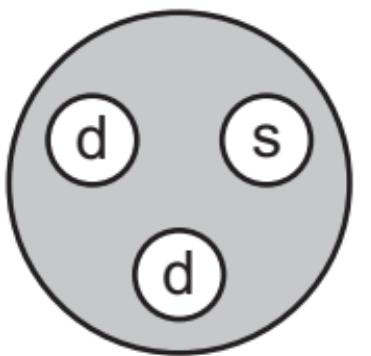


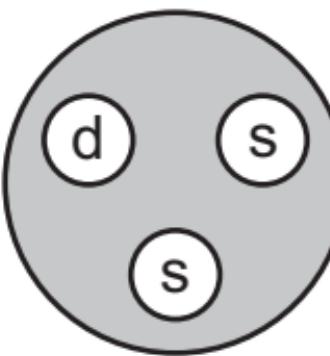
39 The diagrams show the quark composition of four different hadrons. One of the hadrons is a Σ^+ particle. It has a charge of $+e$, where e is the elementary charge.

Which hadron could be the Σ^+ particle?

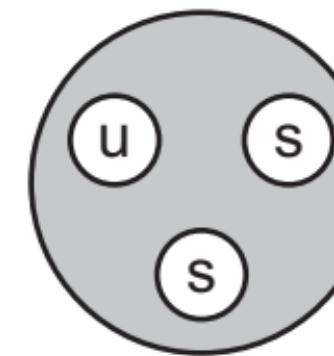
A



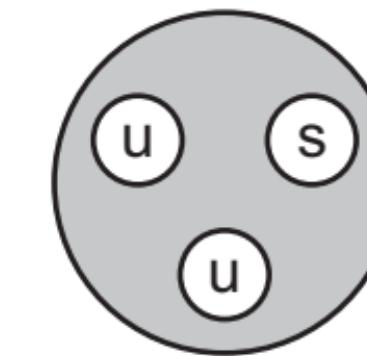
B



C



D



key

u = up quark

d = down quark

s = strange quark