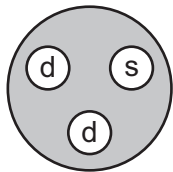


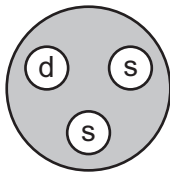
- 39** The diagrams show the quark composition of four different hadrons. One of the hadrons is a  $\Sigma^+$  particle. It has a charge of  $+e$ , where  $e$  is the elementary charge.

Which hadron could be the  $\Sigma^+$  particle?

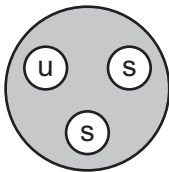
**A**



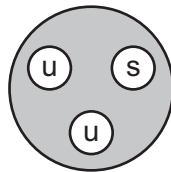
**B**



**C**



**D**



key

u = up quark

d = down quark

s = strange quark