

TABLE 44-3
Eight Spin- $\frac{1}{2}$ Baryons

Particle	Symbol	Mass (MeV/ c^2)	Quantum Numbers	
			Charge q	Strangeness S
Proton	p	938.3	+1	0
Neutron	n	939.6	0	0
Lambda	Λ^0	1115.6	0	-1
Sigma	Σ^+	1189.4	+1	-1
Sigma	Σ^0	1192.5	0	-1
Sigma	Σ^-	1197.3	-1	-1
Xi	Ξ^0	1314.9	0	-2
Xi	Ξ^-	1321.3	-1	-2

TABLE 44-4
Nine Spin-Zero Mesons^a

Particle	Symbol	Mass (MeV/ c^2)	Quantum Numbers	
			Charge q	Strangeness S
Pion	π^0	135.0	0	0
Pion	π^+	139.6	+1	0
Pion	π^-	139.6	-1	0
Kaon	K^+	493.7	+1	+1
Kaon	K^-	493.7	-1	-1
Kaon	K^0	497.7	0	+1
Kaon	$\bar{K}^0$	497.7	0	-1
Eta	η	547.5	0	0
Eta prime	η'	957.8	0	0

^aAll mesons are bosons, having spins of 0, 1, 2, The ones listed here all have a spin of 0.