274	(a)	The charmed Xi is a baryon as it is composed of three quarks.	1
		The positive kaon is a meson as it is composed of one quark and one antiquark.	1
	(b)	$q_{Xi} = q_u + q_d + q_c$ $q_{Xi} = \left(+\frac{2}{3}\right) + \left(-\frac{1}{3}\right) + \left(+\frac{2}{3}\right)$ $q_{Xi} = +1e$	1
		$q_K = q_u + q_{\bar{s}}$ $q_K = \left(+\frac{2}{3}\right) + \left(+\frac{1}{3}\right)$ $q_K = +1e$	1
	(c)	Baryons are composed of three quarks, mesons are composed of two quarks.	1
		Mesons contain an antiquark, but baryons do not.	1