1. $q^3 - 7q^2 + 12q$ has a factor (q-0) compute all other factors: (q-4) q (q+1)(q-4) q (q+4)(q - 4) (q - 3) q(q-4) (q-2) (q+2)Solution Apply Long Division.

(q - 4) (q - 3) q