1. $b^3 - 3b^2 + 2b$ has a factor $(b-0)$ compute all other factors:

$(b-2)(b-1)(b+4)$

$(b-2)^2(b-1)$

$(b-2)(b-1)b$

$(b-4)(b-3)(b-2)$

Solution

Apply Long Division.

$(b-2)(b-1)b$