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

$(c - 3)(c - 2)(c + 4)$

$(c - 3)^2 c$

$(c - 2)c^2$

$(c - 3)(c + 2)(c + 4)$

Solution
Apply Long Division.
$(c - 2)c^2$