5. $b^3 - 9b^2 + 24b - 16$ has a factor $(b-1)$ compute all other factors:

$(b - 4)\, b^2$

$(b - 4)^2\, (b + 4)$

$(b - 4)^2\, (b - 1)$

$(b - 4)^2\, (b + 1)$

Solution
Apply Long Division.
$(b - 4)^2\, (b - 1)$