

1. $b^3 - 9b^2 + 26b - 24$ has a factor $(b-2)$ compute all other factors:

$$(b - 3) (b + 1) (b + 3)$$

$$(b - 4) (b - 3) (b + 4)$$

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

$$(b - 3) (b - 2) (b + 2)$$

Solution

Apply Long Division.

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