$$(e-4) (e-3) (e-2)$$

 $(e-3) (e-2) (e+3)$

1. $e^3 - 2e^2 - 15e + 36$ has a factor (e - (-4)) compute all other factors:

Solution

Apply Long Division.

 $(e-3)^2(e+4)$

(e-3) (e+1) (e+3)

 $(e-3)^2 (e+4)$