4. $e^3 + 3e^2 - 16e - 48$ has a factor (e - (-4)) compute all other factors: $(e - 4)^2 e$ (e-4) (e+2) (e+4)(e-4) (e+3) (e+4)(e-4) (e-1) (e+4)Solution Apply Long Division.

(e-4)(e+3)(e+4)