e (e + 1) (e + 2) $(e-2)^2 (e+2)$

1. $e^3 + 8e^2 + 20e + 16$ has a factor (e-(-4)) compute all other factors:

(e-4)(e-1)(e+2)

Solution

 $(e + 2)^{2} (e + 4)$

Apply Long Division. $(e + 2)^{2} (e + 4)$