2.  $d^3 + 7 d^2 + 14 d + 8$  has a factor (d - (-4)) compute all other factors: (d-4) (d+2) (d+3)(d-1) (d+2) (d+4) $(d+1)\ (d+2)\ (d+4)$  $(d-2) (d+2)^2$ Solution Apply Long Division.

(d+1) (d+2) (d+4)