1. $f^3 + 2 f^2 - 3 f$ has a factor (f - (-3)) compute all other factors: (f-2)(f+1)(f+3) $(f+1) (f+3)^2$ (f-1) f (f+3)(f-2)(f+2)(f+3)

Solution

Apply Long Division.

(f-1) f (f+3)