n (n + 1) (n + 3) $(n + 1)^2$ (n-1) (n+1) (n+3)(n-3) (n+1) (n+3)

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

Solution

Apply Long Division. (n-1)(n+1)(n+3)