v (v + 1) (v + 4)(v + 1) (v + 2) (v + 3) $(v-2) \ v \ (v+1)$ (v-2)(v+1)(v+4)

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

Solution

Apply Long Division. (V-2) V (V+1)