W (W + 2) (W + 3)(w-1) w (w+3)(w-1)(w+3)(w+4) $(w-2) (w+3)^2$ Solution Apply Long Division. (w-1)(w+3)(w+4)

2. $w^3 + 6w^2 + 5w - 12$ has a factor (w - (-4)) compute all other factors: