

Senior Questions

1. (a) Solve $p_0; p_1$ and show it equals zero.
- (b) Let $p_2(x) = a_2x^2 + a_1x + a_0$, and solve the equations $p_2; p_0 = 0$ and $p_2; p_1 = 0$ simultaneously.
- (c) Add up $p_0 + p_1 + p_2$ and show the coefficients of the x^2 , x and constant term can be any number.