Math 3 – 3.5 WS: More Practice with Zeros of Polynomials Name: _____

Directions: Find all zeros of each polynomial P (x). Must show work!

1.) $P(x) = 7x^3 + 19x^2 - 11x - 15$ All Zeros of P (x) = _____	2.) $P(x) = 4x^3 + 10x^2 + 4x - 5$ All Zeros of P (x) = _____
3.) $P(x) = 2x^4 - 9x^2 - 2x$ All Zeros of P (x) = _____	4.) $P(x) = 3x^4 - 16x^3 + 30x^2 - 24x + 8$ All Zeros of P (x) = _____
5.) $P(x) = x^5 + x^4 - 20x^3 + 20x^2 + 19x - 21$ All Zeros of P (x) = _____	6.) $P(x) = 12x^5 - 4x^4 - 241x^3 - 22x^2 + 1083x + 180$ All Zeros of P (x) = _____