Section 2.3 ALEW Polynomial Divisin Remainde Thoore m Last time we sow how to graph a polynomial if it is in the Rom. ex: Tom(x)= 4(x+2)2 (x-2) (x+3). Q: If Tom(x)= 4x4 + 20x3 + 8x2 - 80x - 96 how do we factor 4? 1st note that if Tom(x) = 4(x+2)2 (x-2) (x+3) Then the zeros are X=-2,2,-3. som step 1) Determin the zeros of the polyraniol. · plot its graph · guess (Int. 10 volu thm!) Problem un connot un a graphy coli. on a test i => we hope that we are nice enough to have easy to guess Zeros. we that in mud. Tom(0) = -96 Tom (1) = - 144 Bingo! First try! Tom(2)=0 Thu news Tom(x) = (x+1) [polynomid of des. 3].









