Oct .15 Math 418 5x 3+15 (11x3+0x2-4x+1 $f(x) = \frac{11x^3 + 4x + 1}{5x^3 + 15}$ $f(x) = \frac{11x^3 + 4x + 1}{15}$ $f(x) = \frac{11x^3 + 4x + 1}{15}$ $f(x) = \frac{11x^3 + 4x + 1}{15}$ 1, $\pi(x) = -6(x+4)(x-9)^{3}(x+7)^{2}(x-1)$ $(x-9)^{3}(x-9)^{3}(x-1)^{3}$ hole; x =q VA; x=8 raot; x=-4,-7,12 $r(x) = 2 + x = (0.65)^{16+x}$ $(2+x) = (208+13x)^{20} = (308+13x)^{20} = (308+13x)^{20$ 40+2x=208+13x-40 -40 208 2x=162+13x -13x $\frac{2+(15)}{16-(15)} = \frac{17}{31}$ -11x=162 % 11/162.0 X # Me malches 2+25 = 27 16+25 = 41