

$$\rho(x) = (x^2 - 9)(x^2 + x - 2)$$

$$0 = (x + 3)(x - 3)(x + 2)(x - 1)$$

$$\rho(x) = 2x^{3} + 4x^{2} - 6x$$

$$Q \cdot b = 2 \cdot - 6 = -12$$

$$Q + b = 4$$

$$6 \cdot -2 = -12$$

$$6 - 2 = 4$$

$$2x^{3} + 6x^{2} - 2x^{2} - 6x$$

X=0, X=1, X=-3

$$6.-2 = -12$$

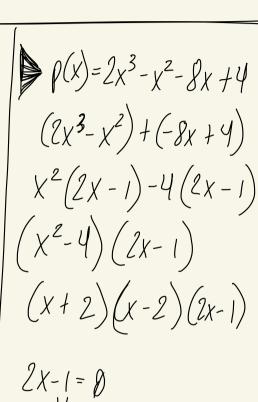
$$6-2 = 4$$

$$2x^{3} + 6x^{2} - 2x^{2} - 6x$$

$$2x^{2}(x+3) - 2x(x+3)$$

$$(2x^{2} - 2x)(x+3)$$

$$2x(x-1)(x+3)$$



 $X = \frac{1}{2}, X = -2, X = 2$

2x=1

$$\rho(x) = (2x^{2} + 7x + 5)(x-3)$$

$$0.6 = 2.5 = 10$$

$$0.6 = 7$$

$$5.2 = 10$$

$$5.42 = 7$$

$$(2x^{2} + 2x) + (5x + 5)$$

$$2x(x + 1) + 5(x + 1)$$

$$(2x + 5)(x + 1)(x-3)$$

2x+5=0

2x = -5

$$f(x) = -x^{3} + 4x^{2} - 4x$$

$$-1(-x^{3} + 4x^{2} - 4x)$$

$$x^{3} - 4x^{2} + 4x$$

$$-1(-x^{3}+4x^{2}-4x)$$

$$x^{3}-4x^{2}+4x$$

$$(x-2)(x-2)$$

$$X=0, X=2^{2}$$

$$\rho(x) = (x^2 - 9)(x^2 + x - 2)$$

$$(x + 3)(x - 3)(x + 2)$$

$$\rho(x) = 2x^{3} + 4x^{2} - 6x$$

$$2x(x^{2} + 2x - 3)$$

(x+3)(x-3)(x+2)(x-1)

 $2x(x^2+2x-3)$

2x(x+3)(x-1)

 $\chi = 0$, $\chi = -3$, $\chi = 1$

 $(2x^3 - x^2) + (-8x + 4)$

 $\chi^{2}(2x-1)-4(2x-1)$

(x+2)(x-2)(2x-1)

 $X = \frac{1}{2}, X = -2, = 2$

 $(x^2-4)(2x-1)$

2x-1=0

- $\rho(x) = 2x^3 x^2 8x + 4$