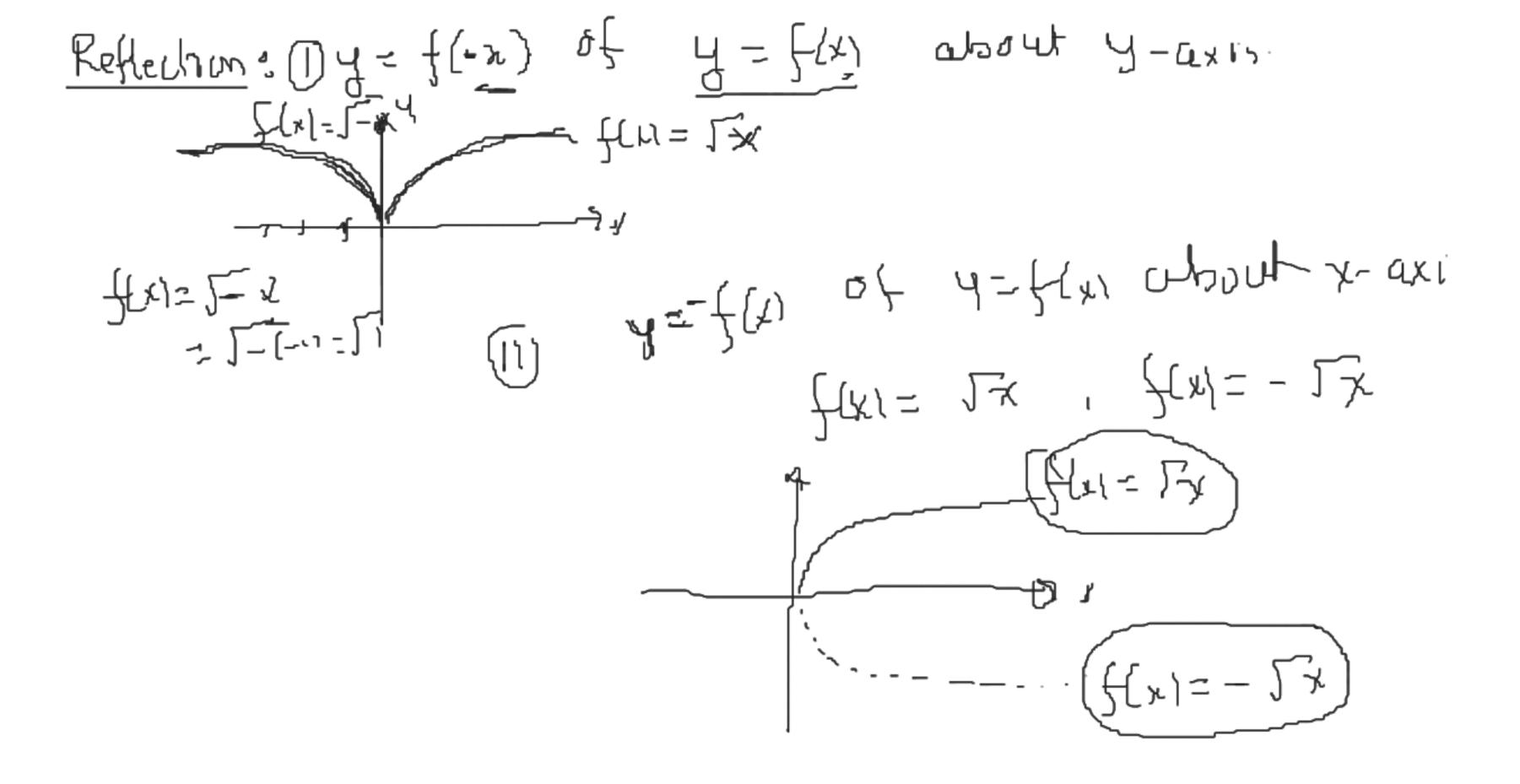
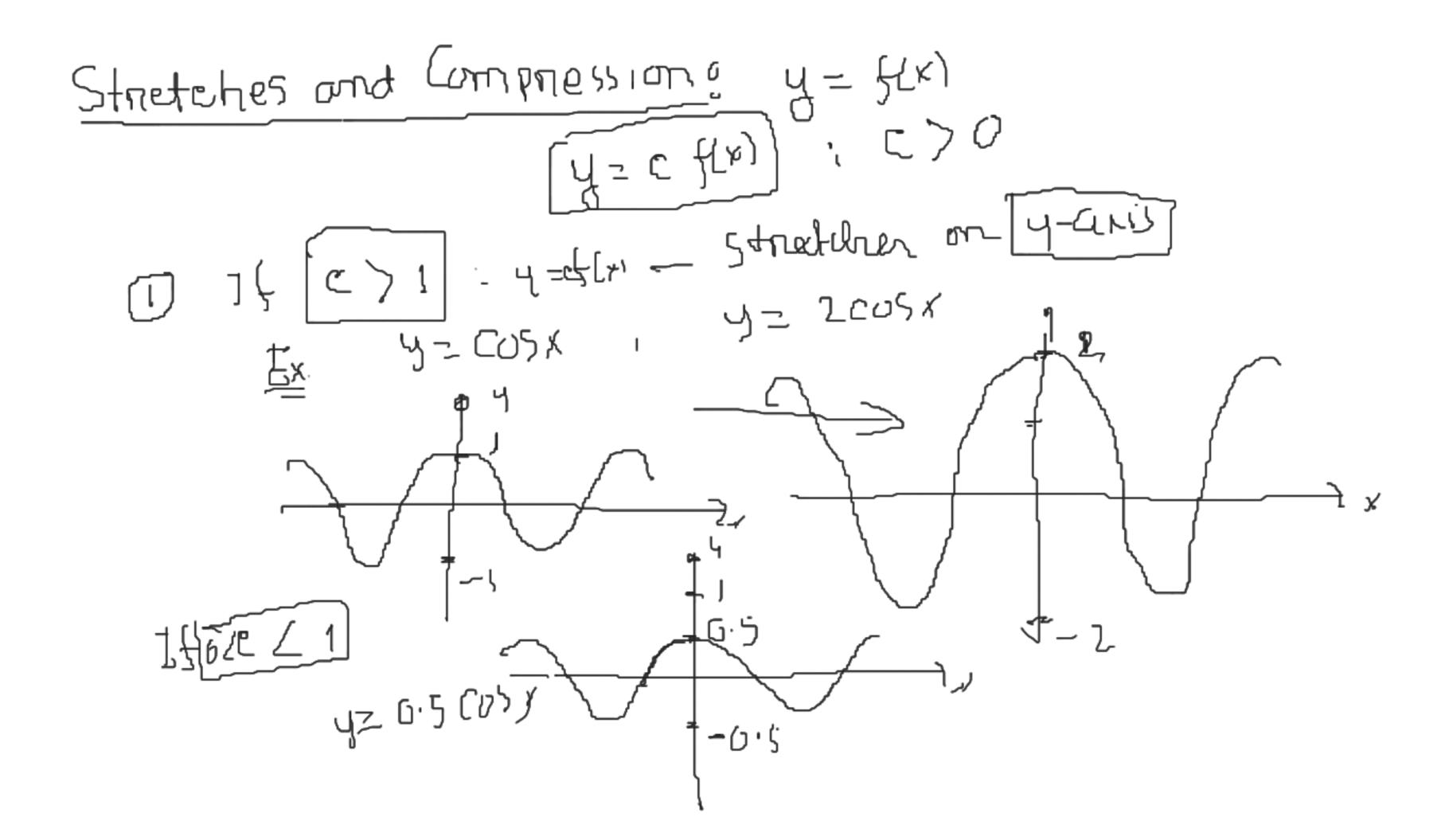
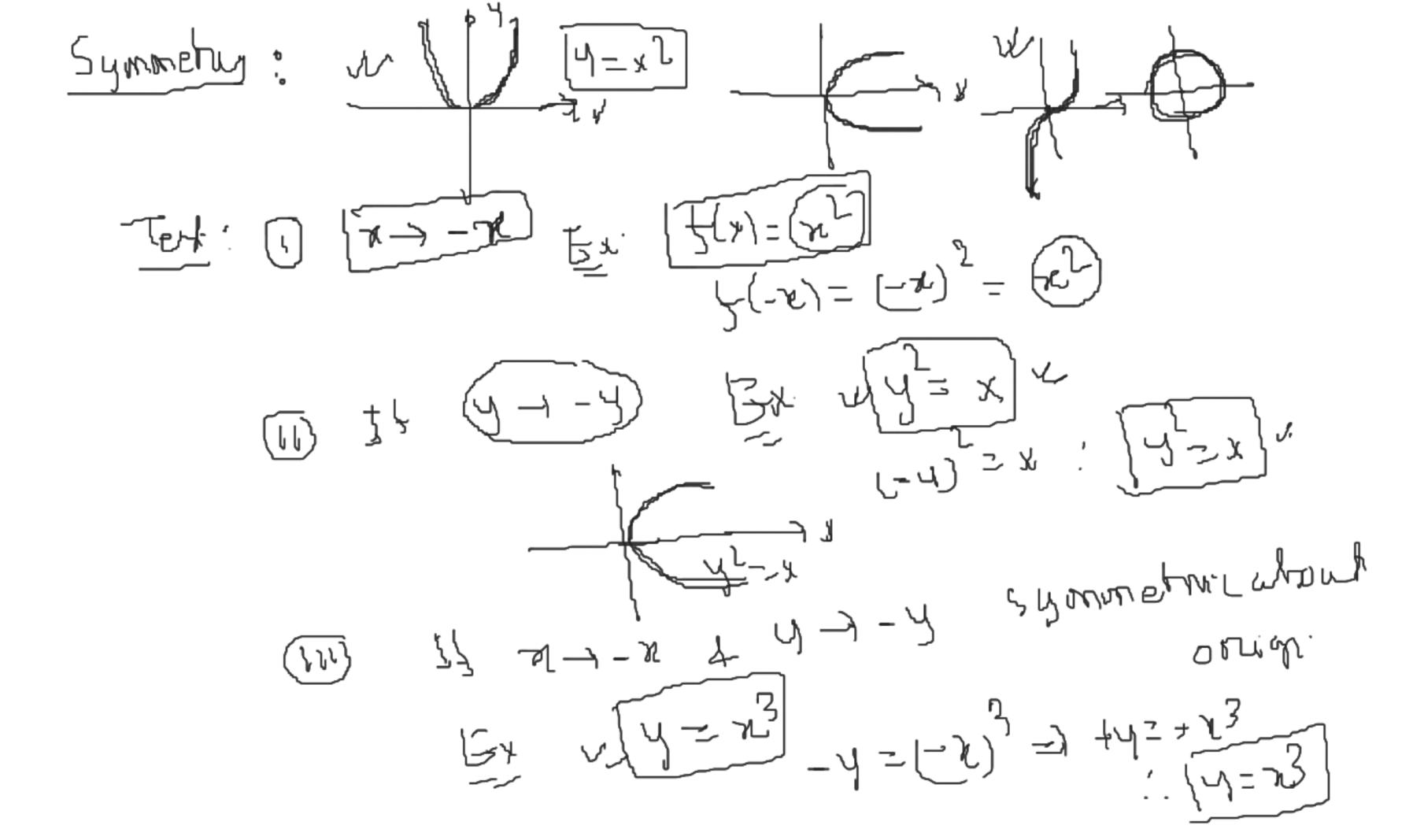
0.5 New Function ton Old?

Exp:
$$y = x^2 - 4x + 5$$
 $y = x^2 - 4x + 5 = x^2 - 4x + 4 + 1 = (x - 2)^2 + 1$
 $y = x^2$
 $y = x^2 - 4x + 5 = x^2 - 4x + 4 + 1 = (x - 2)^2 + 1$
 $y = x^2$
 $y = x^2 - 4x + 5 = x^2 - 4x + 4 + 1 = (x - 2)^2 + 1$





y-f(x) y= f(2x) e>: "Compounted the graph housewith (FI) Y= (05x 2 forther hours antaly



From 2 odd:
$$f(-x) = f(x) - buen$$

$$\int (-x) = -f(x) - buen$$

$$\int (-x) = x^{2} - buen$$

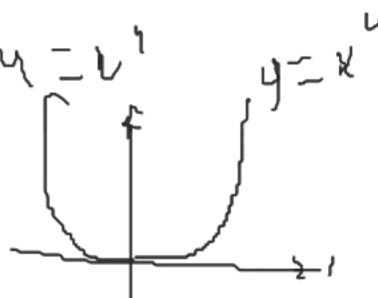
$$\int (-x) = -x^{2} - f(x)$$

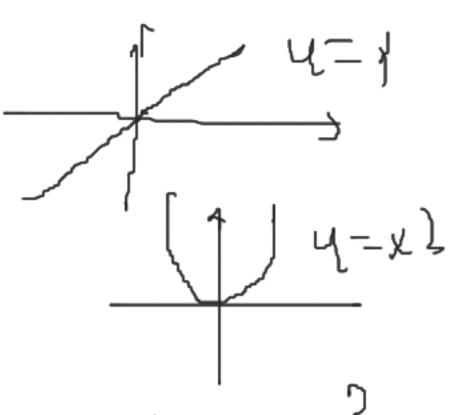
0'3 Familier of Function; (4) = L HLX1=2 H(4)= 3 D-115 Constant 51xcd FC+1--D m-Jury Let [m- 1/4], p-nomm,

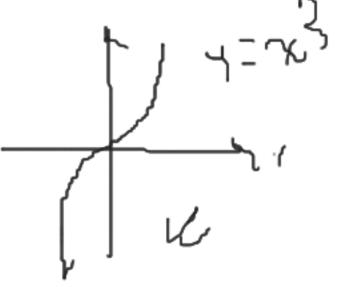
Power Function !

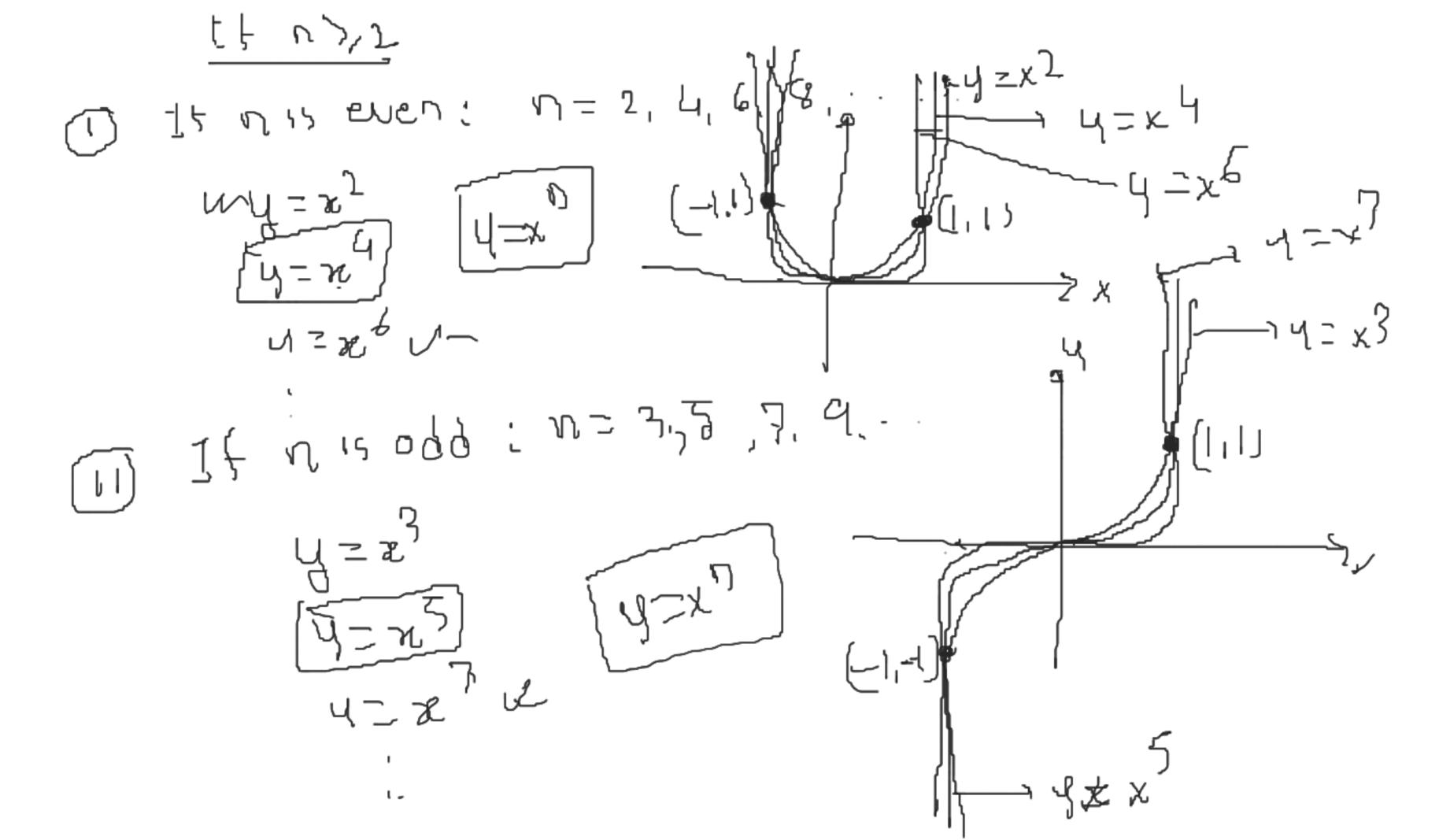
For in in possinue integen

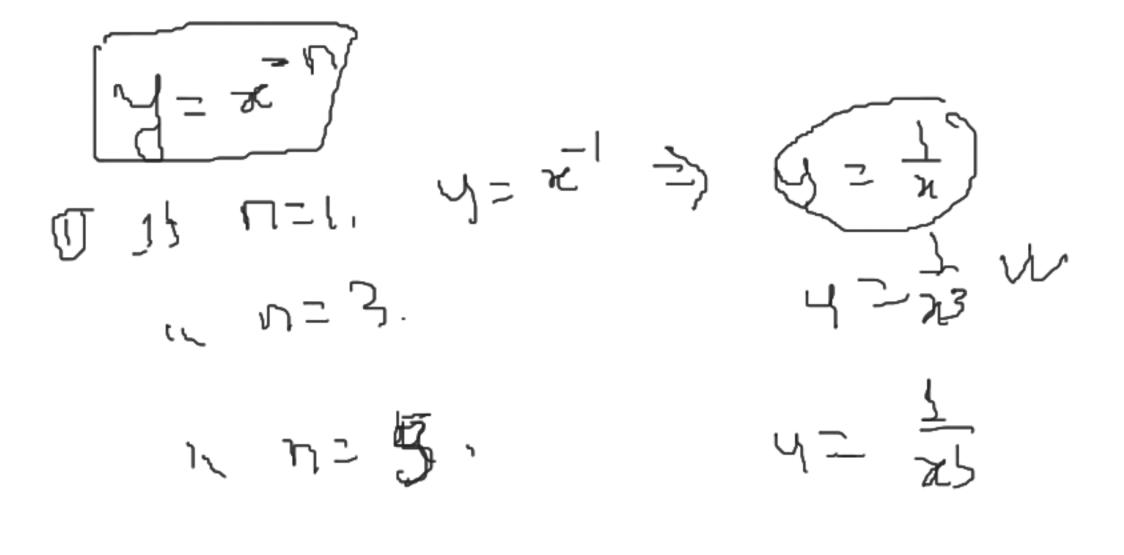


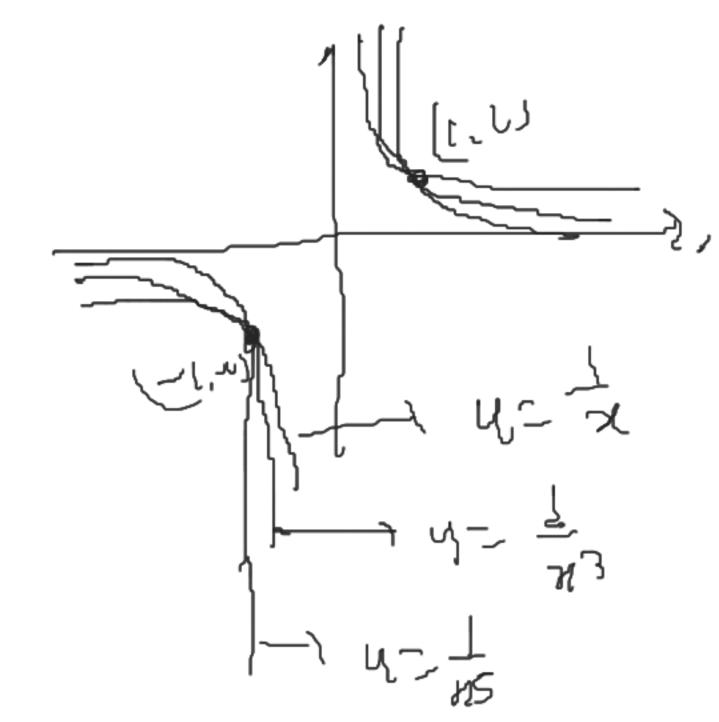






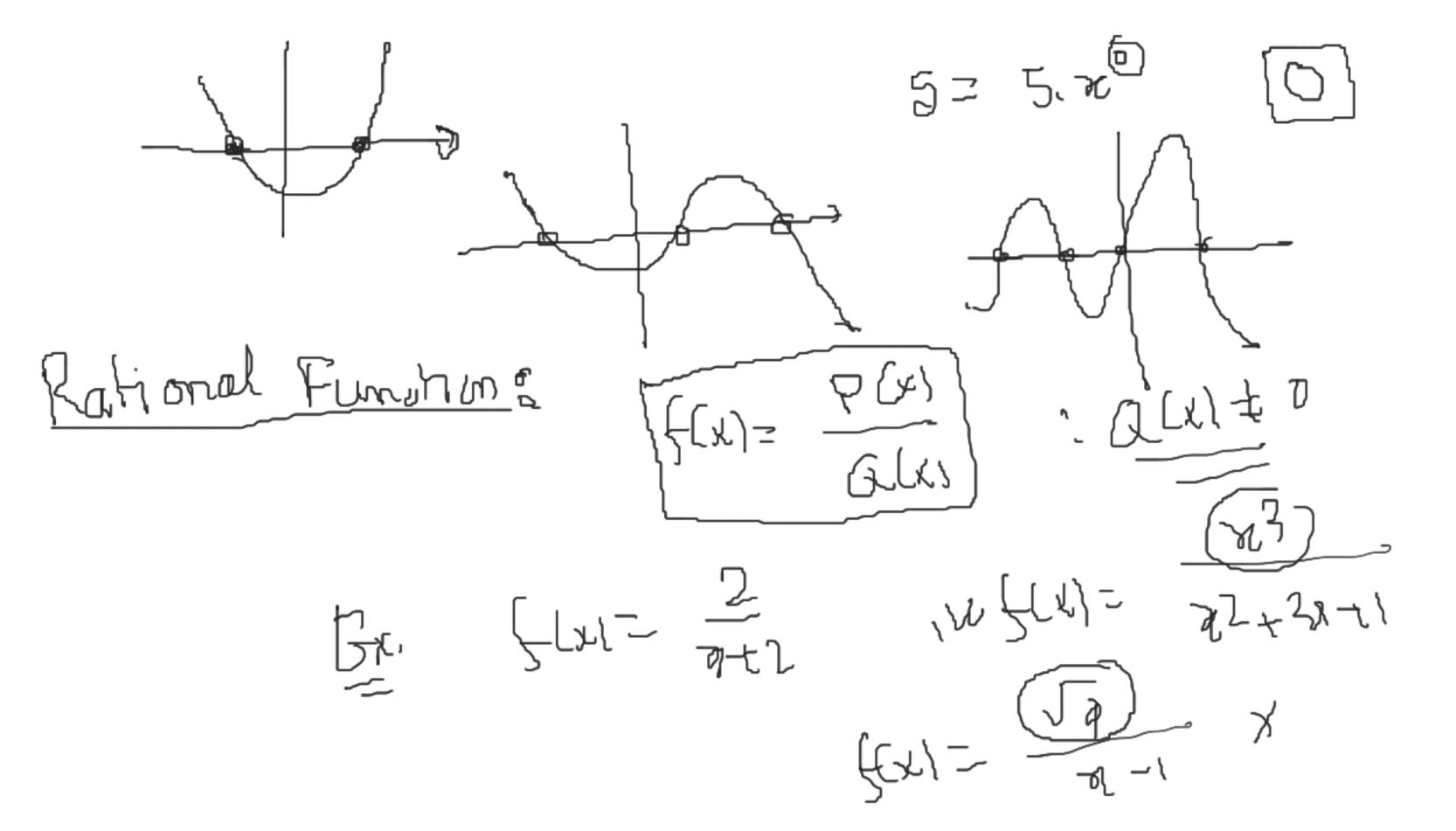








Helymonial: (2 + (1 x + (2x + (2x) + - - · · + (2x) 2+x 1 2+1+3x01 27-3X+12 , 52+3 X 2+12=2+2 D. Car, Fn)



Continum, the fort- PLII is discontinum at reson Rational Gundin not definal at 12/21=0, Jennal (asy mphile) 13.W. Bx 0.3: (13-17 4 35

My= -1 71-2)2 $\sqrt{3} = \frac{\sqrt{3}}{\sqrt{2}}$ 76.7.7. ~ 13, 7- (ar -1)