

Part-2



Type-1

Simple / Nothing Complicated

vomabe

$$F(x) = x^2$$

$$F(x) = x^2 + 2$$

$$F(x) = (x + (2))^2$$

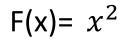
$$F(x) = (x - (2)^2)$$

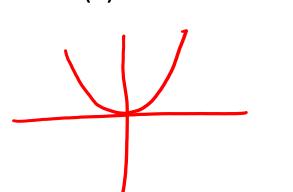
$$F(x) = x^2 - 2$$

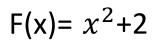
Function (P) >> Upper Shift (P)
Function – P >>> Down Shift (P)

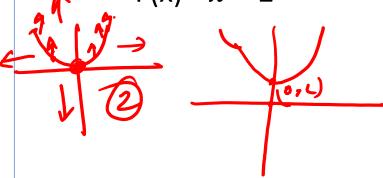
Variable + P>>> Left Shift (P)
Variable -P >>>Right Shift(P)

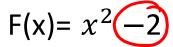


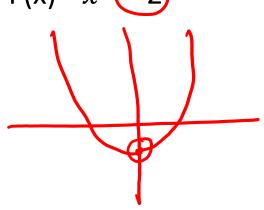




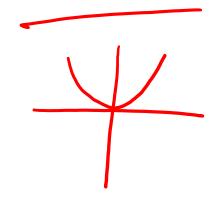








$$F(x) = x^2$$

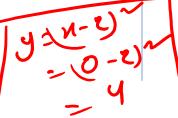


$$F(x) = (x + 2)^2$$



$$F(x) = (x - 2)^2$$

(2:0)



NovoNex

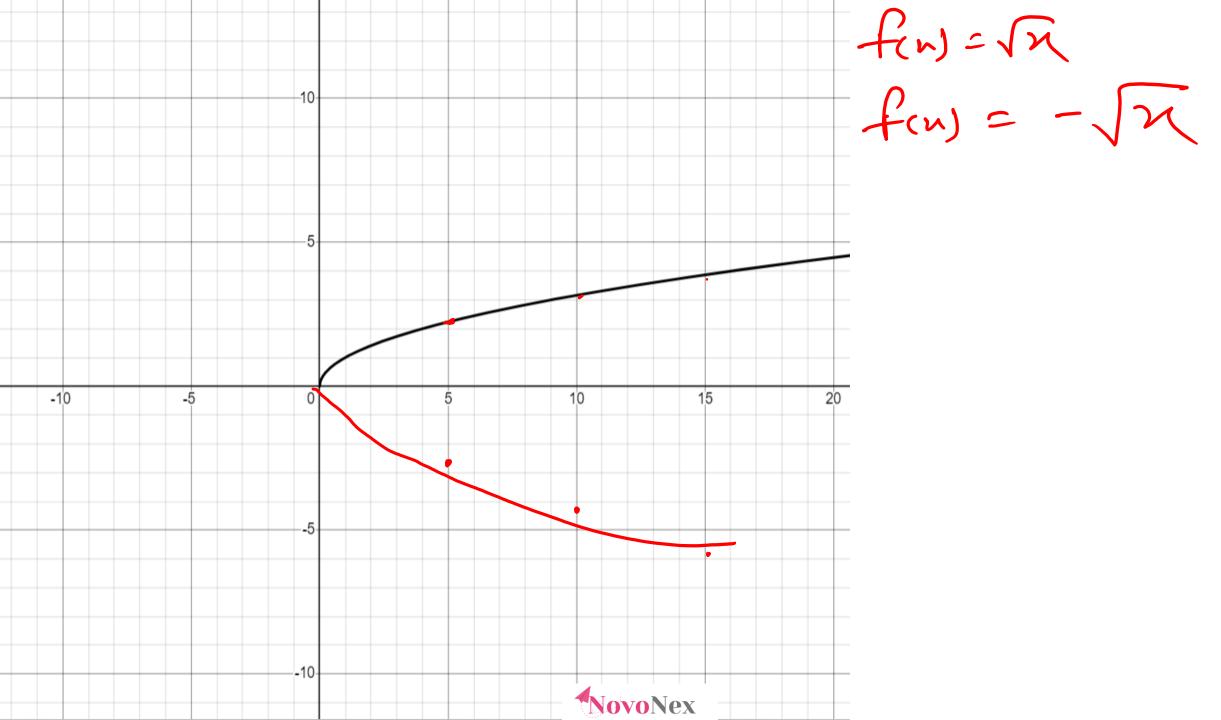
Negative sign Before Function >> up and down Change

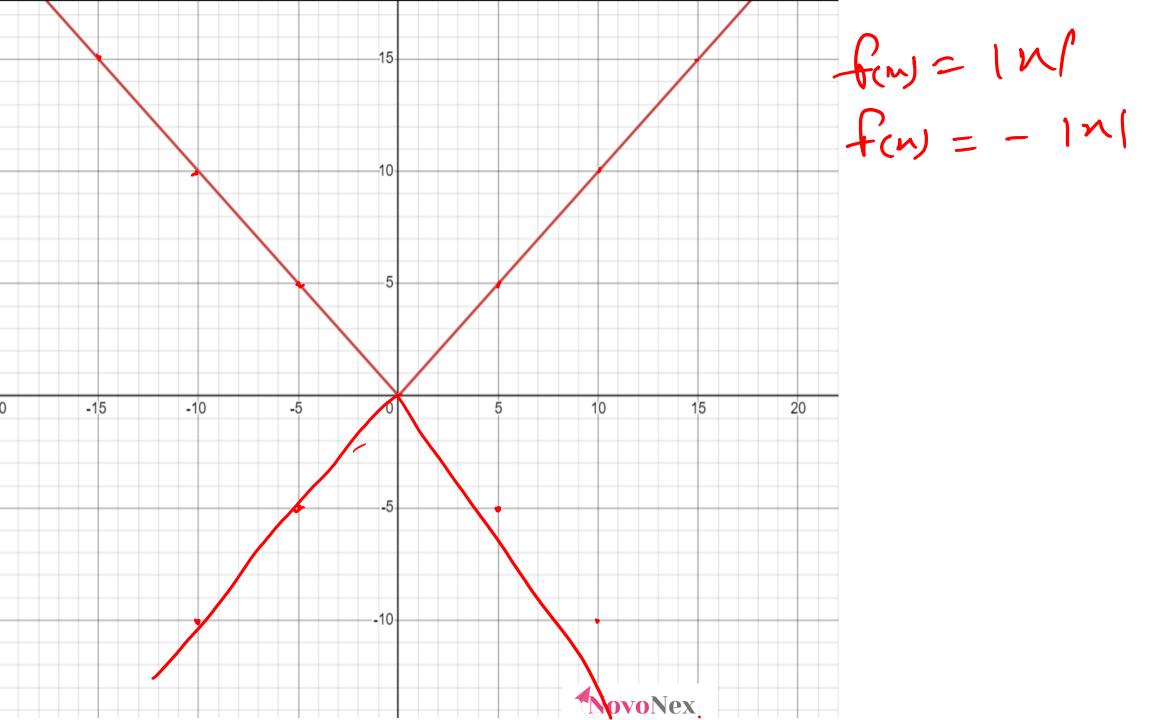
Function +(P)>>> Upper Shift (P unit)
Function - P>>> Down Shift (P unit)

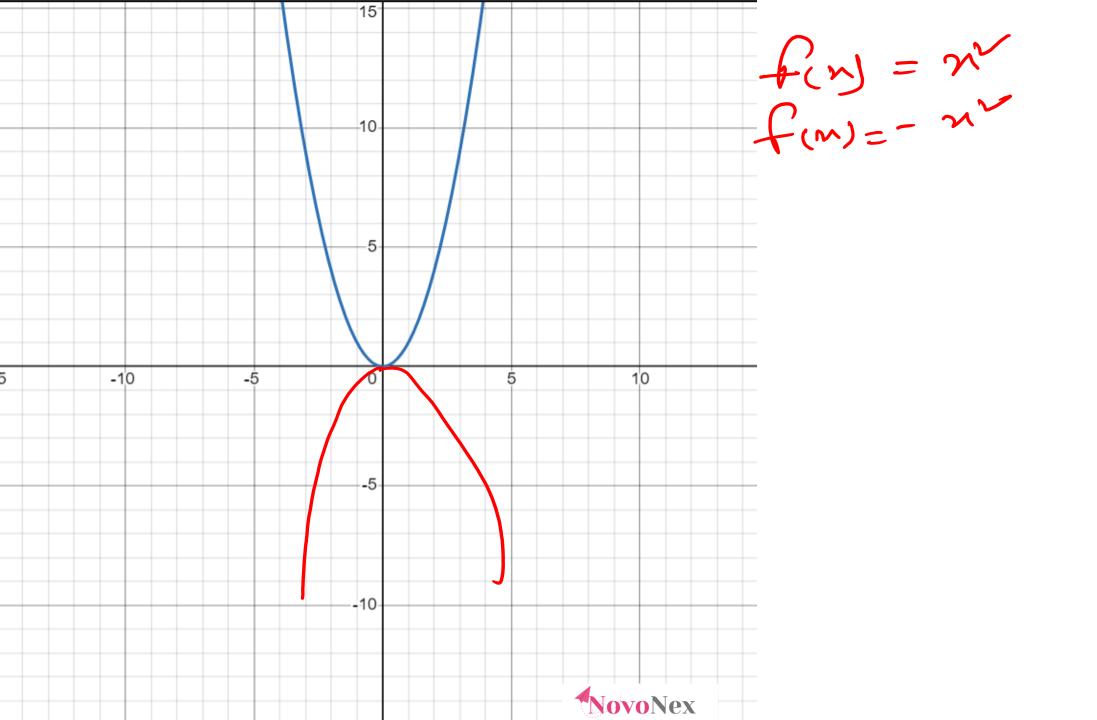
→Variable →P>>> Left Shift (P unit)

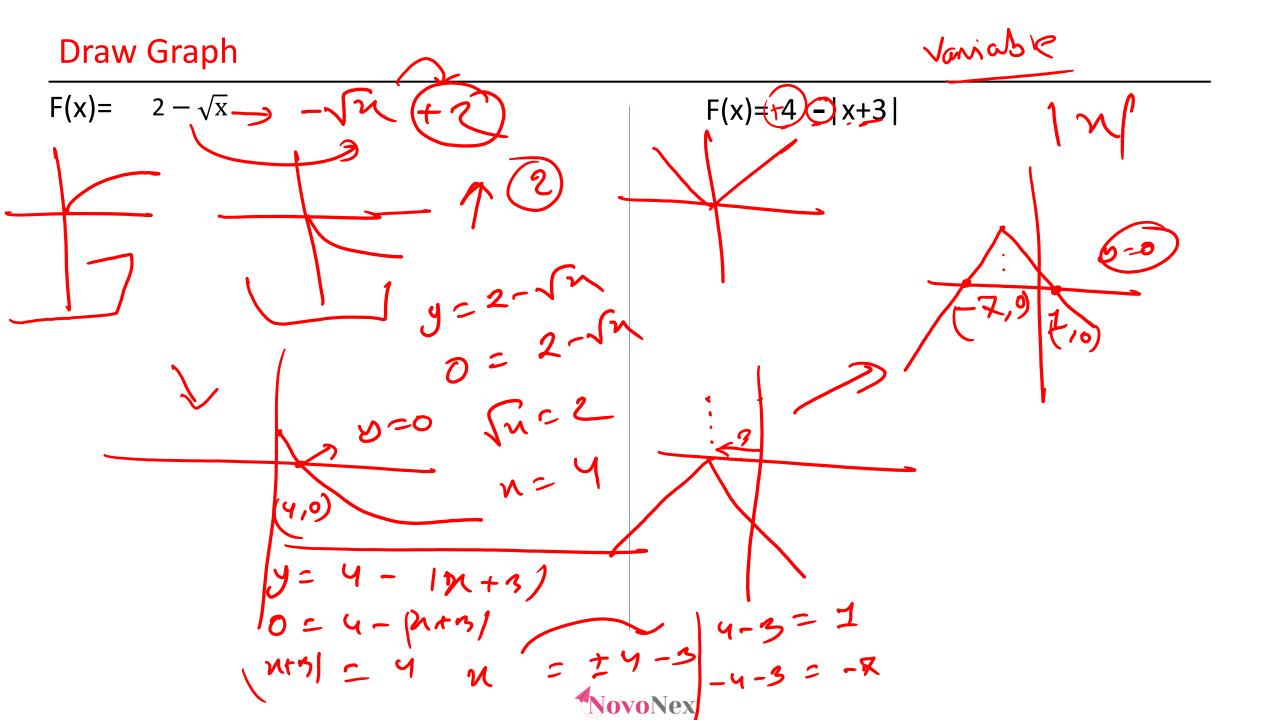
Variable →P>>>Right Shift(P unit)

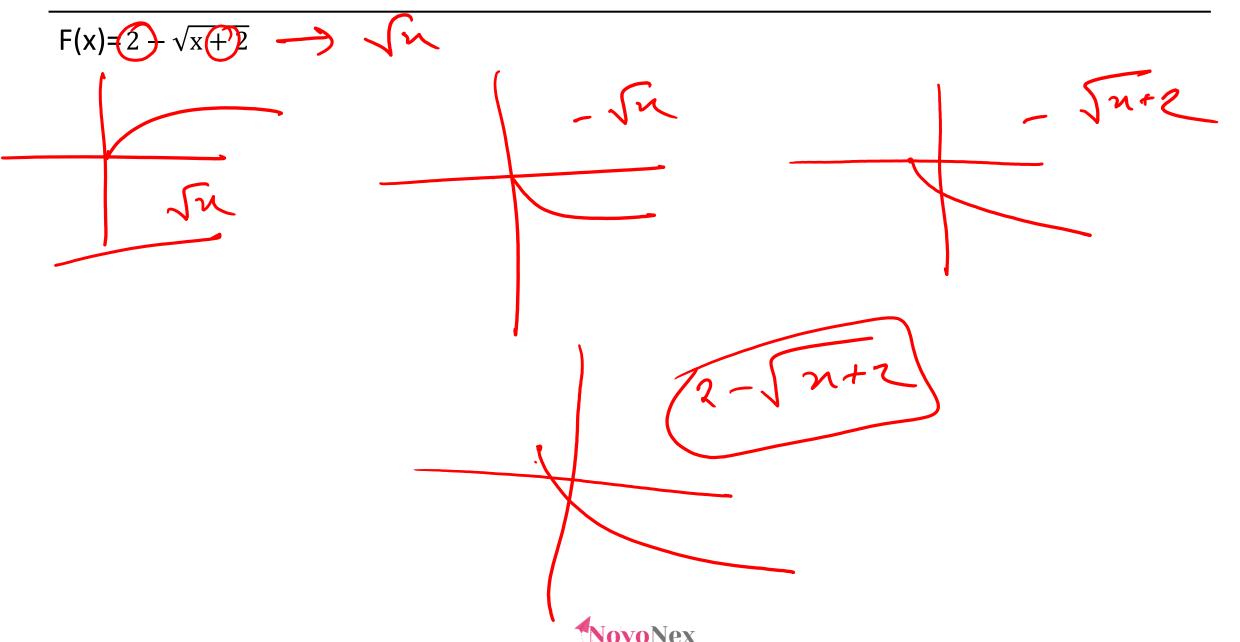






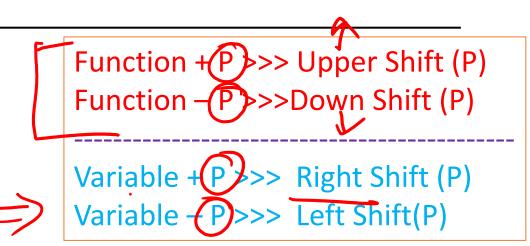




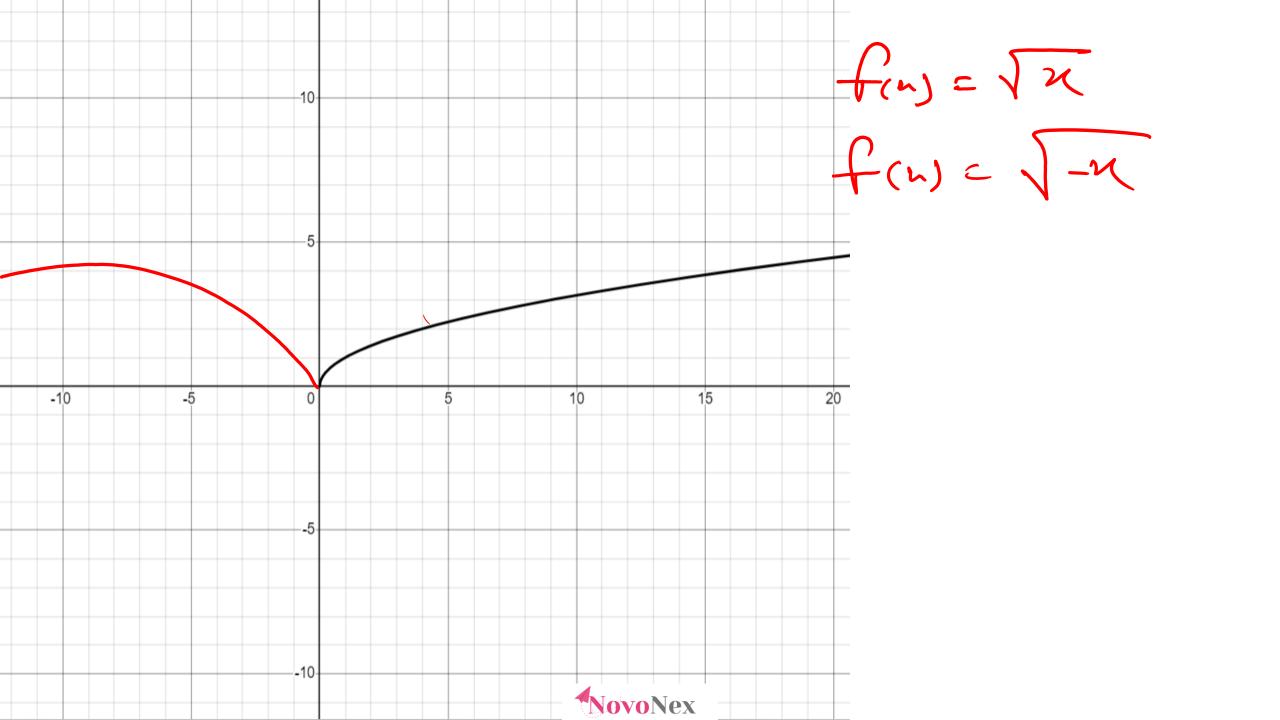


Negative sign Before Variable >> left right Change

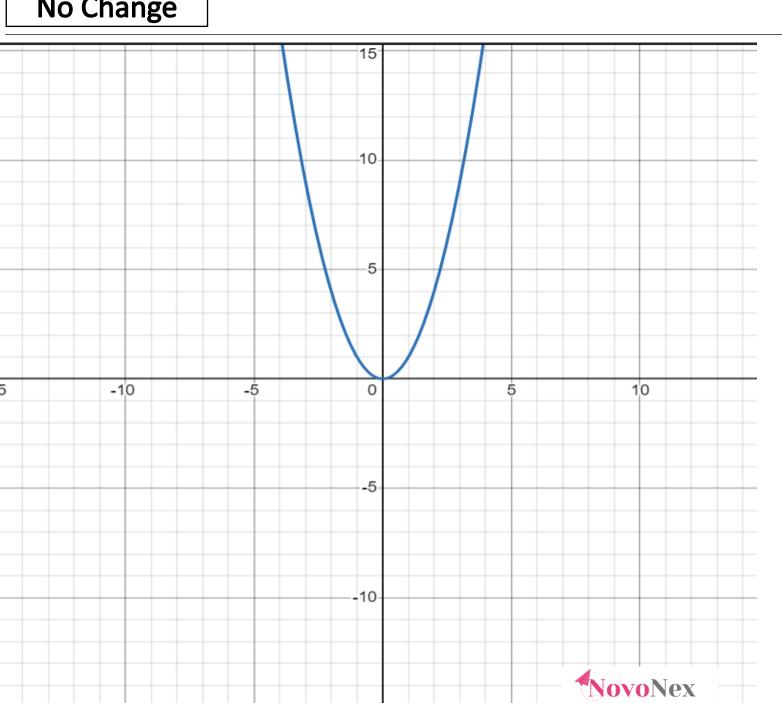




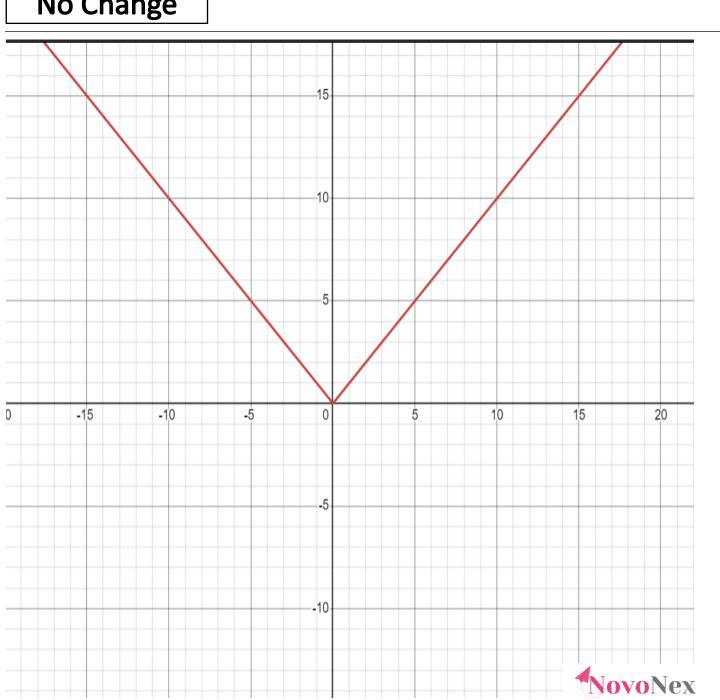


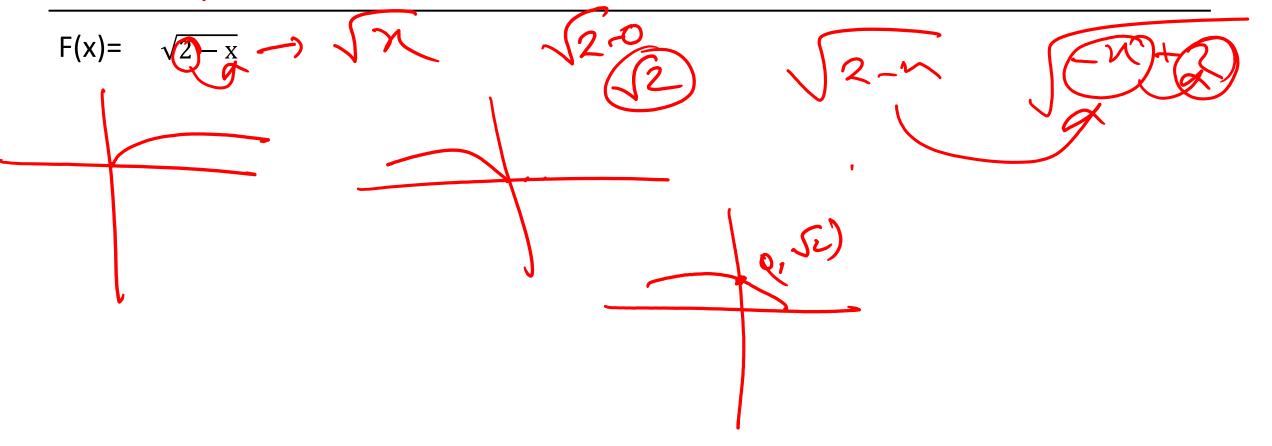


No Change

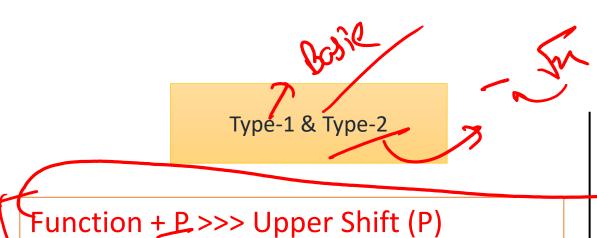


No Change









Type-3

Variable -P >>>Right Shift(P)

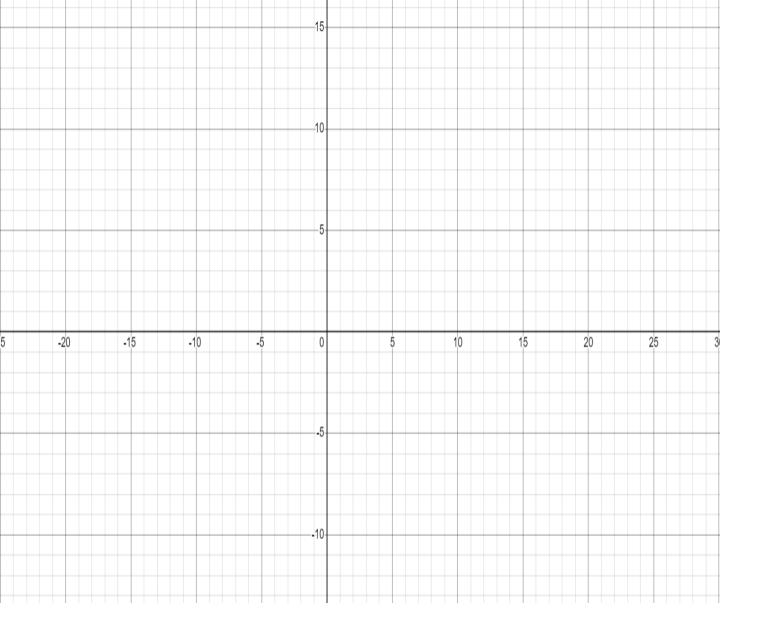


Type-4

$$F(x) = 2x^2$$

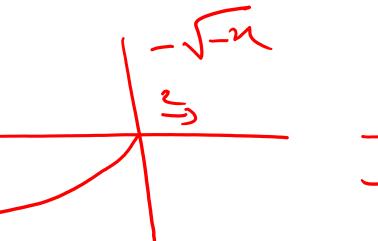
$$F(x) = 1/2 (x^2)$$

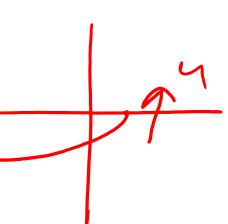


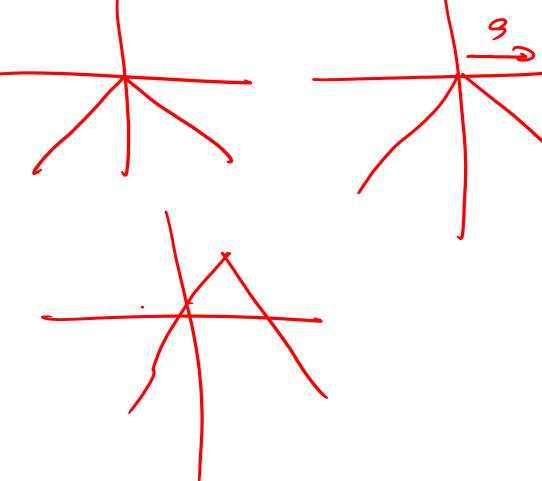




$$F(x) = \sqrt{4 - \sqrt{2 - x}}$$

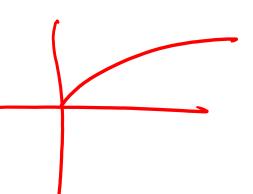




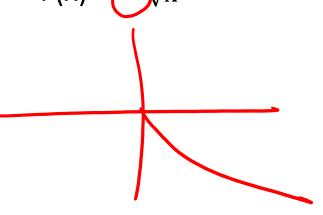


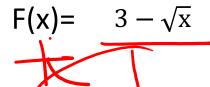


$$F(x) = \sqrt{x}$$

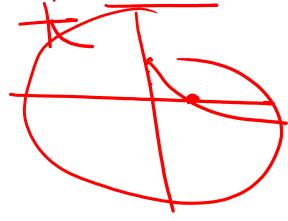


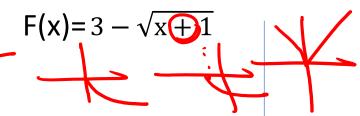
$$F(x) = \sqrt{x}$$



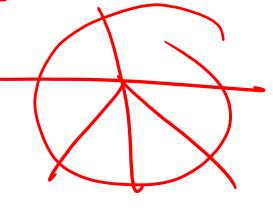


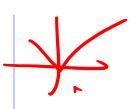


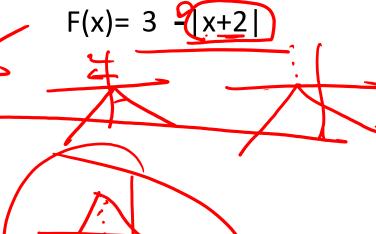




$$F(x) = -|x|$$



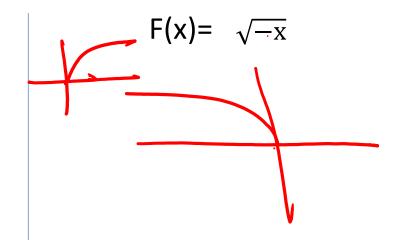




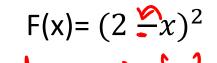




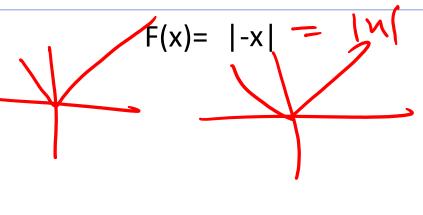
$$F(x) = \sqrt{x}$$

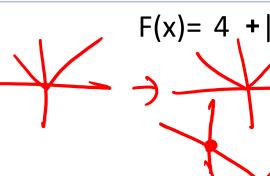


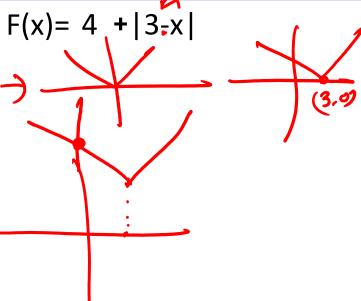
$$F(x) = \sqrt{2 - x} \longrightarrow \sqrt{L}$$















THANK YOU

