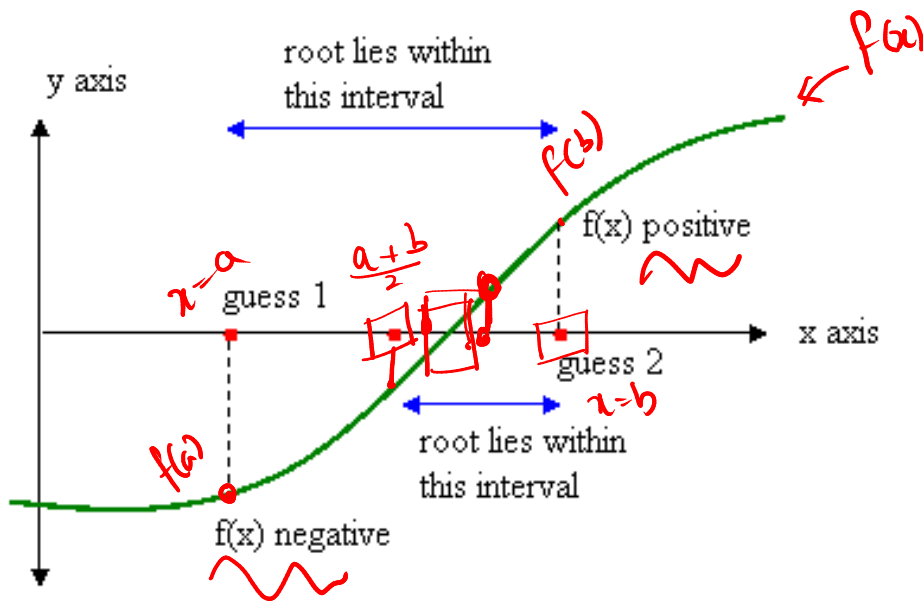


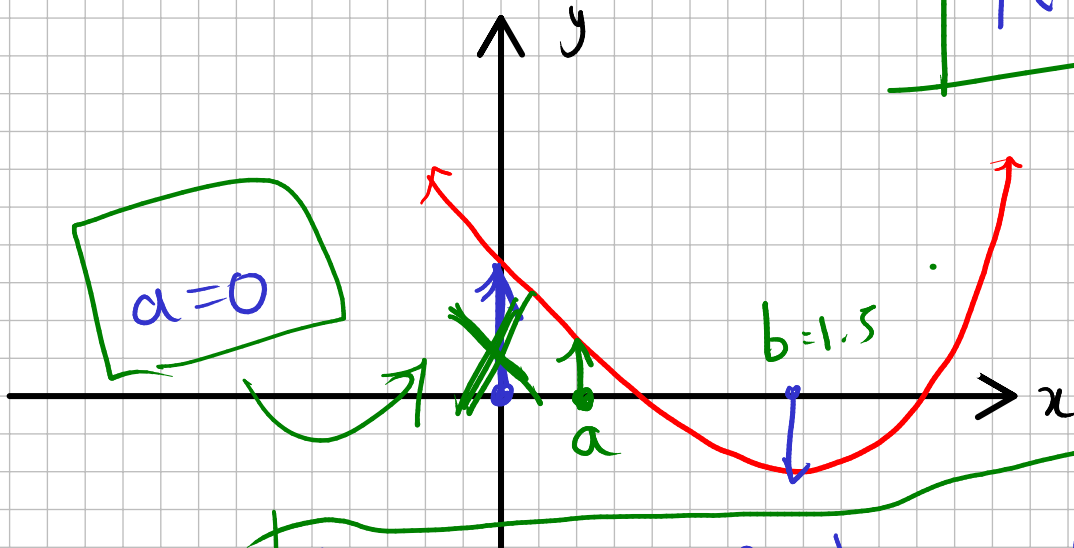
$$y = |f(x)|$$



$x = a$   $x = b$   
 $y = f(a)$   $y = f(b)$   
 should be taken in  
 such a way  
 that

$y(a)$  &  $y(b)$   
 have  
 opposite  
 sign.

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



$$\text{possible soln} = \frac{a+b}{2} = \frac{0+1.5}{2} = \underline{\underline{0.75}}$$

$$c = f(0.75) = ?$$

$$= \underline{\underline{0.3125}}$$

$$\text{possible soln} = \frac{a+b}{2} = \frac{0.75+1.5}{2}$$