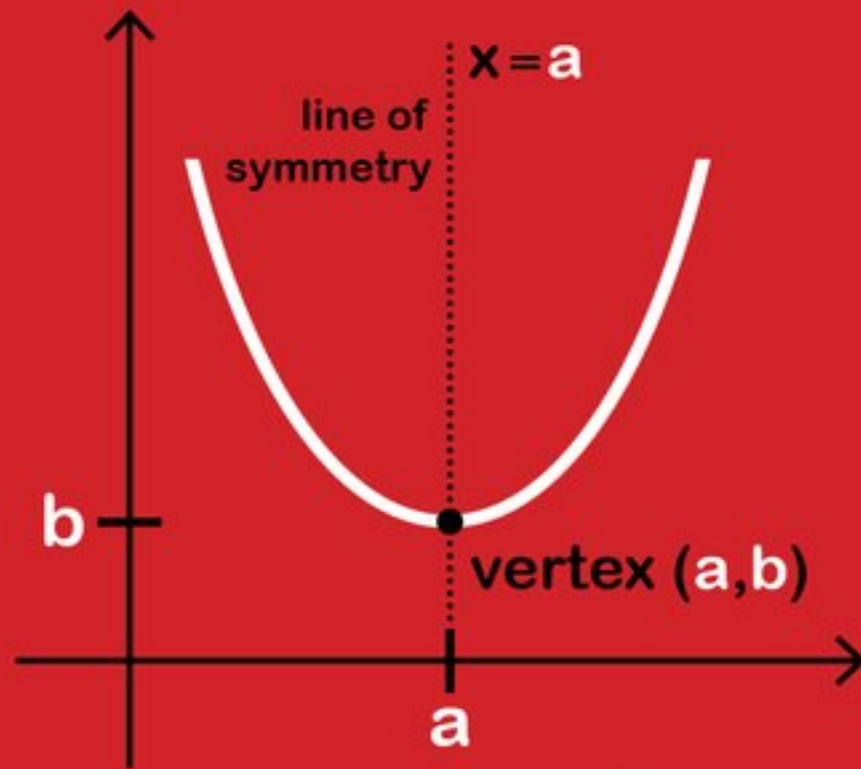
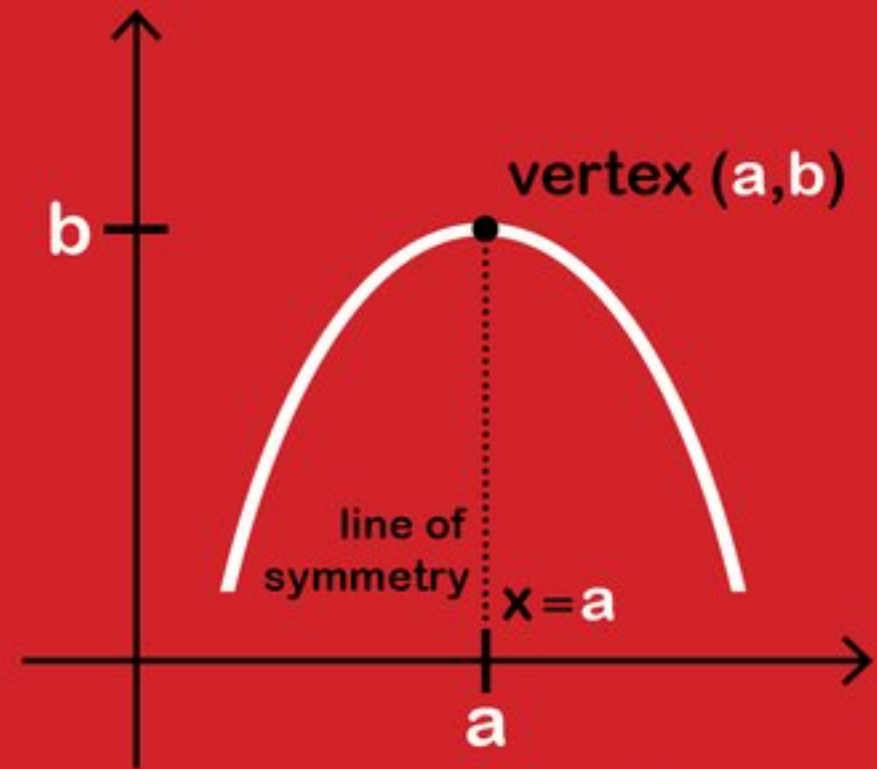


parabola: vertex



$$y = k(x-a)^2 + b$$



$$y = -k(x-a)^2 + b$$