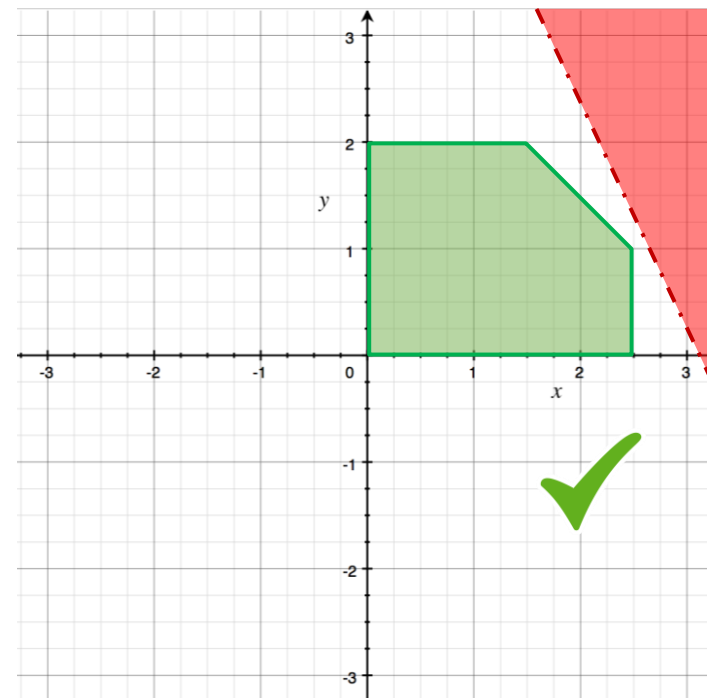
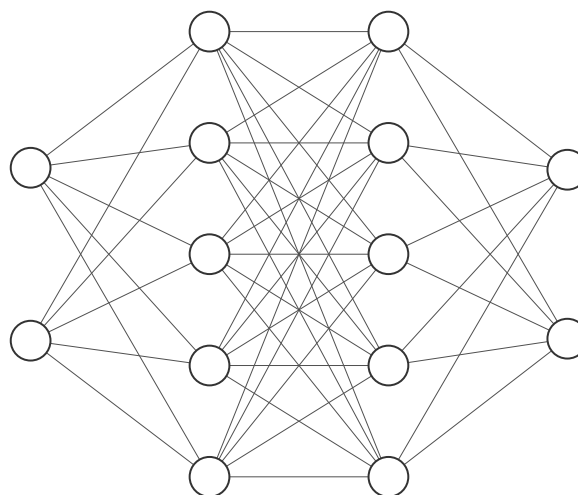


Input bound (yellow)



Output (green)  
Unsafe zone(red)