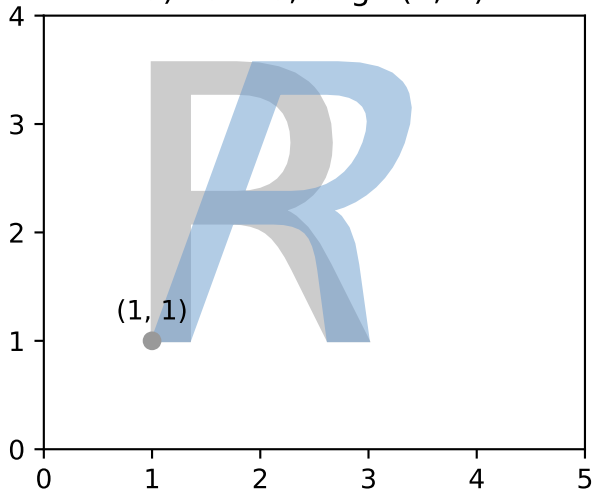


a) $x_s=20$, origin(1, 1)



b) $y_s=30$

