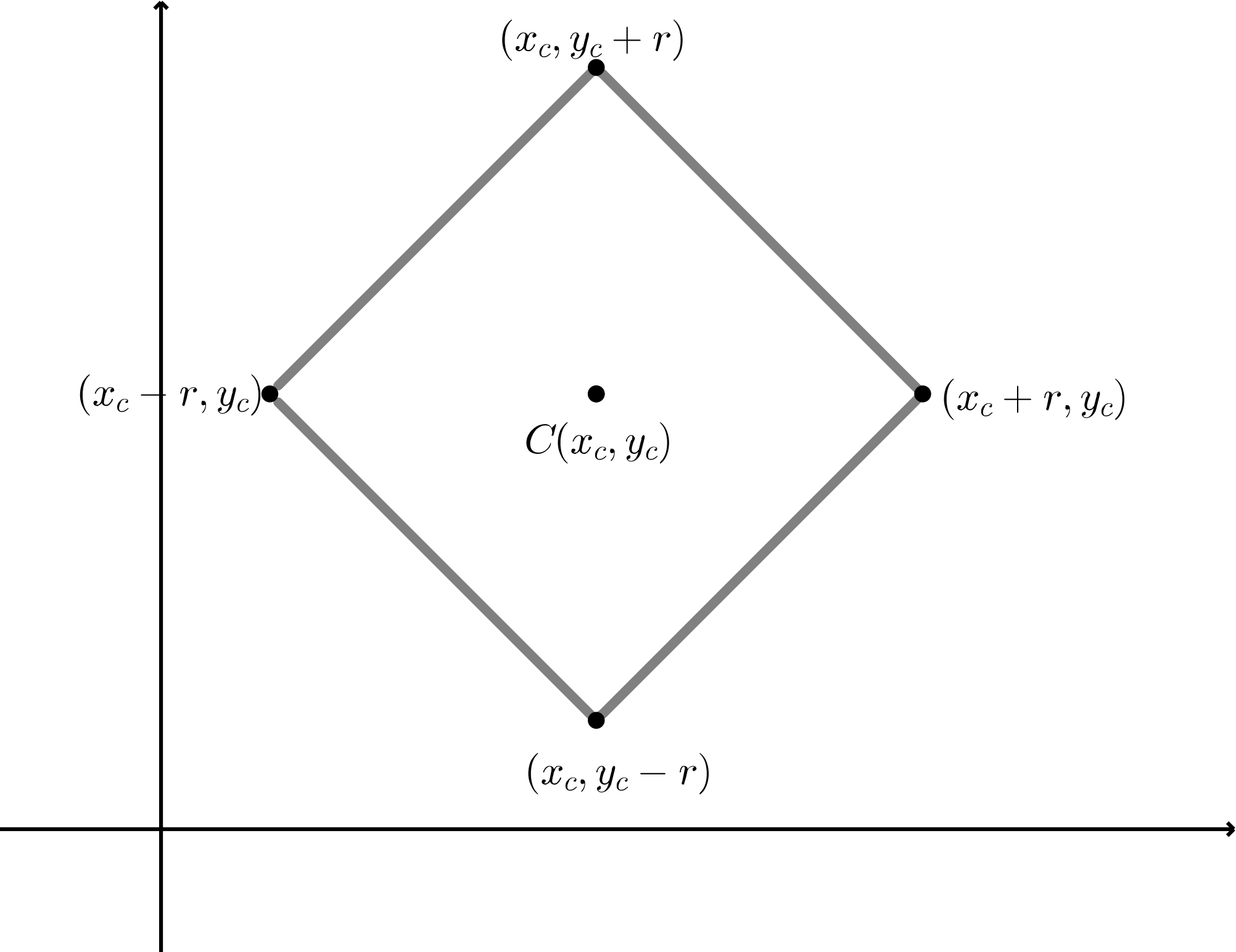
$(x_c, y_c + r)$
$(x_c - r, y_c)$
$C(x_c, y_c)$
$(x_c + r, y_c)$
$(x_c, y_c - r)$