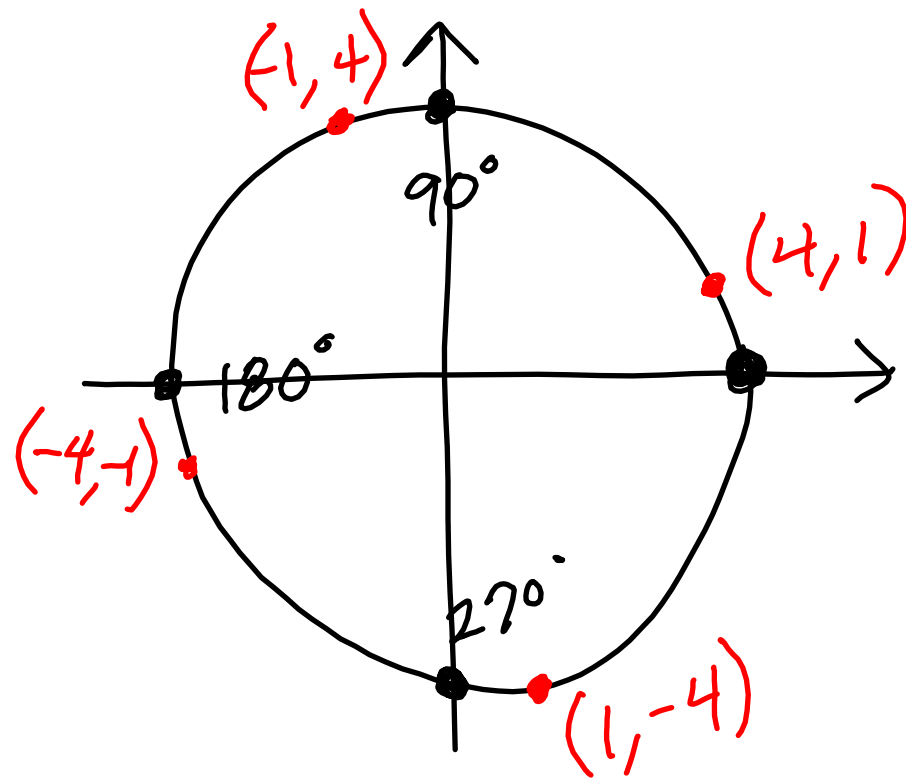


Rotations

→ Notation → $r(\text{Degrees}, 0)$ (rotation of # degrees about origin)

- Unless otherwise noted, rotations are counterclockwise (↺)



(270° CW)

$$90^\circ \rightarrow (x, y) \rightarrow (-y, x)$$

$$180^\circ \rightarrow (x, y) \rightarrow (-x, -y)$$

$$270^\circ \rightarrow (x, y) \rightarrow (y, -x)$$

(90° CW)