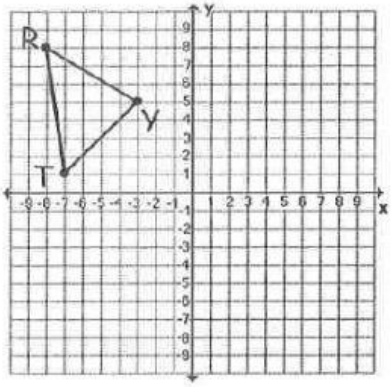
Rules of Rotation

90° CW or 270° CCW	$(x,y) \rightarrow (y,-x)$
180° CW or 180° CCW	$(x,y) \rightarrow (-x,-y)$
90° CCW or 270° CW	$(x,y) \rightarrow (-y,x)$

1. Rotate TRY 90° CW from the origin. Call it T'R'Y'.

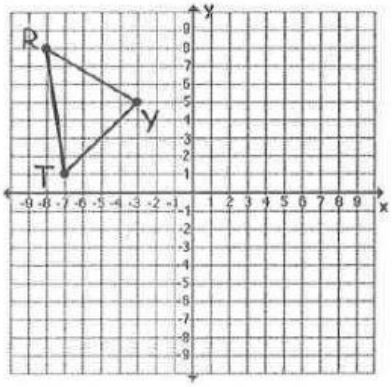


T _____ T' _____

R _____ R' _____

Y _____ Y' _____

2. Rotate TRY 90° CCW from the origin. Call it T'R'Y'.

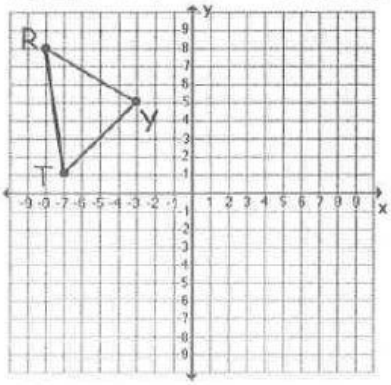


T _____ T' _____

R _____ R' _____

Y _____ Y' _____

3. Rotate TRY 180° CW from the origin. Call it T'R'Y'.



T _____ T' _____

R _____ R' _____

Y _____ Y' _____

LIVEWORKSHEETS